

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:	P4860	OrderDate:	11/14/2024 1:36:41 PM
Client:	Tetra Tech	Project:	Ocean County Landfill 2024
Contact:	John Giuliano	Location:	L41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4860-01	DUP-01	SOIL			11/14/24			11/14/24
			PCB	8082A		11/18/24	11/19/24	
			Pesticide-TCL	8081B		11/18/24	11/19/24	
			EPH	NJEPH		11/16/24	11/18/24	
			EPH	NJEPH		11/16/24	11/19/24	
P4860-02	PH2-BOT-001	SOIL			11/14/24			11/14/24
			PCB	8082A		11/18/24	11/19/24	
			Pesticide-TCL	8081B		11/18/24	11/19/24	
			EPH	NJEPH		11/16/24	11/18/24	
			EPH	NJEPH		11/16/24	11/19/24	
P4860-03	PH2-BOT-002	SOIL			11/14/24			11/14/24
			PCB	8082A		11/18/24	11/19/24	
			Pesticide-TCL	8081B		11/18/24	11/18/24	
			EPH	NJEPH		11/16/24	11/19/24	
P4860-04	PH2-BOT-003	SOIL			11/14/24			11/14/24
			PCB	8082A		11/18/24	11/19/24	
			Pesticide-TCL	8081B		11/18/24	11/18/24	
			EPH	NJEPH		11/16/24	11/19/24	
P4860-05	PH2-BOT-004	SOIL			11/14/24			11/14/24
			PCB	8082A		11/18/24	11/19/24	
			Pesticide-TCL	8081B		11/18/24	11/18/24	
			EPH	NJEPH		11/16/24	11/19/24	
P4860-06	PH2-BOT-009	SOIL			11/14/24			11/14/24
			PCB	8082A		11/18/24	11/19/24	
			Pesticide-TCL	8081B		11/18/24	11/18/24	
			EPH	NJEPH		11/16/24	11/19/24	

LAB CHRONICLE

P4860-07	PH2-BOT-008	SOIL			11/14/24			11/14/24
			PCB	8082A		11/18/24	11/19/24	
			Pesticide-TCL	8081B		11/18/24	11/19/24	
			EPH	NJEPH		11/16/24	11/19/24	
P4860-08	PH2-BOT-007	SOIL			11/14/24			11/14/24
			PCB	8082A		11/18/24	11/19/24	
			Pesticide-TCL	8081B		11/18/24	11/19/24	
			EPH	NJEPH		11/16/24	11/19/24	
P4860-09	PH2-BOT-006	SOIL			11/14/24			11/14/24
			PCB	8082A		11/18/24	11/19/24	
			Pesticide-TCL	8081B		11/18/24	11/19/24	
			EPH	NJEPH		11/16/24	11/19/24	
P4860-10	PH2-BOT-005	SOIL			11/14/24			11/14/24
			PCB	8082A		11/18/24	11/19/24	
			Pesticide-TCL	8081B		11/18/24	11/19/24	
			EPH	NJEPH		11/16/24	11/19/24	

Hit Summary Sheet
SW-846

SDG No.: P4860

Order ID: P4860

Client: Tetra Tech

Project ID: Ocean County Landfill 2024

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : DUP-01								
P4860-01	DUP-01	SOIL	4,4-DDE	0.31	JP	0.13	1.80	ug/kg
P4860-01	DUP-01	SOIL	4,4-DDD	0.26	JP	0.20	1.80	ug/kg
P4860-01	DUP-01	SOIL	alpha-Chlordane	0.29	J	0.18	1.80	ug/kg
P4860-01	DUP-01	SOIL	gamma-Chlordane	0.37	JP	0.20	1.80	ug/kg
Total Concentration:				1.230				
Client ID : PH2-BOT-001								
P4860-02	PH2-BOT-001	SOIL	Dieldrin	0.34	J	0.15	1.80	ug/kg
P4860-02	PH2-BOT-001	SOIL	4,4-DDE	0.62	J	0.13	1.80	ug/kg
P4860-02	PH2-BOT-001	SOIL	4,4-DDD	1.30	JP	0.20	1.80	ug/kg
P4860-02	PH2-BOT-001	SOIL	4,4-DDT	2.10	P	0.18	1.80	ug/kg
P4860-02	PH2-BOT-001	SOIL	alpha-Chlordane	2.60	P	0.18	1.80	ug/kg
P4860-02	PH2-BOT-001	SOIL	gamma-Chlordane	6.50	P	0.20	1.80	ug/kg
Total Concentration:				13.460				
Client ID : PH2-BOT-002								
P4860-03	PH2-BOT-002	SOIL	4,4-DDE	1.00	JP	0.13	1.80	ug/kg
P4860-03	PH2-BOT-002	SOIL	4,4-DDD	1.20	J	0.20	1.80	ug/kg
P4860-03	PH2-BOT-002	SOIL	4,4-DDT	2.40	P	0.18	1.80	ug/kg
Total Concentration:				4.600				
Client ID : PH2-BOT-003								
P4860-04	PH2-BOT-003	SOIL	4,4-DDD	0.53	JP	0.19	1.70	ug/kg
P4860-04	PH2-BOT-003	SOIL	4,4-DDT	0.34	J	0.17	1.70	ug/kg
P4860-04	PH2-BOT-003	SOIL	alpha-Chlordane	1.50	J	0.17	1.70	ug/kg
P4860-04	PH2-BOT-003	SOIL	gamma-Chlordane	1.20	JP	0.19	1.70	ug/kg
Total Concentration:				3.570				
Client ID : PH2-BOT-004								
P4860-05	PH2-BOT-004	SOIL	4,4-DDE	0.17	J	0.13	1.70	ug/kg
P4860-05	PH2-BOT-004	SOIL	4,4-DDD	0.97	J	0.19	1.70	ug/kg
P4860-05	PH2-BOT-004	SOIL	4,4-DDT	2.20		0.17	1.70	ug/kg
P4860-05	PH2-BOT-004	SOIL	alpha-Chlordane	0.65	JP	0.17	1.70	ug/kg
P4860-05	PH2-BOT-004	SOIL	gamma-Chlordane	0.42	J	0.19	1.70	ug/kg
Total Concentration:				4.410				
Client ID : PH2-BOT-008								
P4860-07	PH2-BOT-008	SOIL	4,4-DDD	2.10	P	0.20	1.80	ug/kg
P4860-07	PH2-BOT-008	SOIL	4,4-DDT	0.87	JP	0.18	1.80	ug/kg

Hit Summary Sheet
SW-846

SDG No.: P4860

Order ID: P4860

Client: Tetra Tech

Project ID: Ocean County Landfill 2024

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4860-07	PH2-BOT-008	SOIL	alpha-Chlordane	1.40	JP	0.18	1.80	ug/kg
P4860-07	PH2-BOT-008	SOIL	gamma-Chlordane	1.30	JP	0.20	1.80	ug/kg
Total Concentration:				5.670				
Client ID :	PH2-BOT-007							
P4860-08	PH2-BOT-007	SOIL	4,4-DDE	0.48	J	0.13	1.70	ug/kg
P4860-08	PH2-BOT-007	SOIL	4,4-DDD	1.00	J	0.19	1.70	ug/kg
P4860-08	PH2-BOT-007	SOIL	4,4-DDT	1.70	P	0.17	1.70	ug/kg
Total Concentration:				3.180				



QC SUMMARY

Surrogate Summary

SDG No.: **P4860**

Client: **Tetra Tech**

Analytical Method: **8081B**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PL092652.D	PIBLK-PL092652.D	Decachlorobiphenyl	1	20	22.7	114		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	21.6	108		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	21.7	109		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	20.4	102		30 (77)	150 (126)
I.BLK-PL093098.D	PIBLK-PL093098.D	Decachlorobiphenyl	1	20	20.8	104		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	21.7	109		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	20.9	105		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	22.0	110		30 (77)	150 (126)
P4860-03	PH2-BOT-002	Decachlorobiphenyl	1	20	20.2	101		30 (10)	150 (148)
		Tetrachloro-m-xylene	1	20	24.7	124		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	18.4	92		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	21.9	109		30 (10)	150 (159)
P4860-04	PH2-BOT-003	Decachlorobiphenyl	1	20	23.8	119		30 (10)	150 (148)
		Tetrachloro-m-xylene	1	20	24.5	122		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	19.9	100		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	22.3	112		30 (10)	150 (159)
P4860-05	PH2-BOT-004	Decachlorobiphenyl	1	20	21.8	109		30 (10)	150 (148)
		Tetrachloro-m-xylene	1	20	23.4	117		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	20.8	104		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	22.3	111		30 (10)	150 (159)
I.BLK-PL093110.D	PIBLK-PL093110.D	Decachlorobiphenyl	1	20	20.4	102		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	20.6	103		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	20.6	103		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	20.7	104		30 (77)	150 (126)
P4860-06	PH2-BOT-009	Decachlorobiphenyl	1	20	21.8	109		30 (10)	150 (148)
		Tetrachloro-m-xylene	1	20	23.2	116		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	21.9	110		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	22.6	113		30 (10)	150 (159)
I.BLK-PL093133.D	PIBLK-PL093133.D	Decachlorobiphenyl	1	20	19.4	97		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	20.1	101		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	20.3	102		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	20.5	102		30 (77)	150 (126)
I.BLK-PL093136.D	PIBLK-PL093136.D	Decachlorobiphenyl	1	20	15.6	78		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	18.6	93		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	17.6	88		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	17.9	90		30 (77)	150 (126)
PB165046BS	PB165046BS	Decachlorobiphenyl	1	20	14.3	71		30 (10)	150 (148)
		Tetrachloro-m-xylene	1	20	20.1	101		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	16.4	82		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	18.2	91		30 (10)	150 (159)
PB165046BL	PB165046BL	Decachlorobiphenyl	1	20	16.7	83		30 (10)	150 (148)

() = LABORATORY INHOUSE LIMIT

Surrogate Summary

SDG No.: **P4860**

Client: **Tetra Tech**

Analytical Method: **8081B**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
PB165046BL	PB165046BL	Tetrachloro-m-xylene	1	20	19.4	97		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	18.9	95		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	18.1	91		30 (10)	150 (159)
P4860-01	DUP-01	Decachlorobiphenyl	1	20	17.2	86		30 (10)	150 (148)
		Tetrachloro-m-xylene	1	20	20.3	101		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	19.5	97		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	20.6	103		30 (10)	150 (159)
P4860-02	PH2-BOT-001	Decachlorobiphenyl	1	20	18.3	91		30 (10)	150 (148)
		Tetrachloro-m-xylene	1	20	19.9	99		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	19.5	98		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	19.3	96		30 (10)	150 (159)
P4860-09	PH2-BOT-006	Decachlorobiphenyl	1	20	17.3	86		30 (10)	150 (148)
		Tetrachloro-m-xylene	1	20	19.7	99		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	18.5	93		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	20.1	100		30 (10)	150 (159)
P4860-10	PH2-BOT-005	Decachlorobiphenyl	1	20	16.5	83		30 (10)	150 (148)
		Tetrachloro-m-xylene	1	20	19.8	99		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	18.7	94		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	19.7	98		30 (10)	150 (159)
P4860-07	PH2-BOT-008	Decachlorobiphenyl	1	20	17.8	89		30 (10)	150 (148)
		Tetrachloro-m-xylene	1	20	20.3	102		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	19.4	97		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	20.7	104		30 (10)	150 (159)
P4860-08	PH2-BOT-007	Decachlorobiphenyl	1	20	16.2	81		30 (10)	150 (148)
		Tetrachloro-m-xylene	1	20	16.4	82		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	17.3	87		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	16.9	85		30 (10)	150 (159)
P4860-08MS	PH2-BOT-007MS	Decachlorobiphenyl	1	20	14.6	73		30 (10)	150 (148)
		Tetrachloro-m-xylene	1	20	15.2	76		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	15.9	80		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	14.6	73		30 (10)	150 (159)
P4860-08MSD	PH2-BOT-007MSD	Decachlorobiphenyl	1	20	14.5	73		30 (10)	150 (148)
		Tetrachloro-m-xylene	1	20	15.1	75		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	15.7	79		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	14.2	71		30 (10)	150 (159)
I.BLK-PL093152.D	PIBLK-PL093152.D	Decachlorobiphenyl	1	20	17.5	87		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	19.7	98		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	20.0	100		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	19.0	95		30 (77)	150 (126)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4860

Client: Tetra Tech

Analytical Method: 8081B

DataFile : PL093147.D

Lab Sample ID:	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits	
			Result	Result			Qual	RPD	Qual	Low	High	RPD
Client Sample ID: P4860-08MS	PH2-BOT-007MS											
	alpha-BHC	17	0	16.1	ug/kg	95				30 (60)	150 (144)	
	beta-BHC	17	0	16.9	ug/kg	99				30 (54)	150 (143)	
	delta-BHC	17	0	13.5	ug/kg	79				30 (47)	150 (144)	
	gamma-BHC (Lindane)	17	0	15.9	ug/kg	94				30 (61)	150 (140)	
	Heptachlor	17	0	17.0	ug/kg	100				30 (63)	150 (135)	
	Aldrin	17	0	16.5	ug/kg	97				30 (49)	150 (139)	
	Heptachlor epoxide	17	0	16.5	ug/kg	97				30 (32)	150 (180)	
	Endosulfan I	17	0	16.0	ug/kg	94				30 (56)	150 (142)	
	Dieldrin	17	0	17.1	ug/kg	101				30 (47)	150 (161)	
	4,4'-DDE	17	0.476	17.9	ug/kg	102				30 (55)	150 (136)	
	Endrin	17	0	17.8	ug/kg	105				30 (57)	150 (139)	
	Endosulfan II	17	0	16.9	ug/kg	99				30 (40)	150 (163)	
	4,4'-DDD	17	1	17.7	ug/kg	98				30 (37)	150 (192)	
	Endosulfan sulfate	17	0	15.9	ug/kg	94				30 (62)	150 (139)	
	4,4'-DDT	17	1.7	17.4	ug/kg	92				30 (51)	150 (146)	
	Methoxychlor	17	0	16.8	ug/kg	99				30 (54)	150 (136)	
	Endrin ketone	17	0	16.1	ug/kg	95				30 (60)	150 (129)	
	Endrin aldehyde	17	0	15.7	ug/kg	92				30 (59)	150 (132)	
	alpha-Chlordane	17	0	17.4	ug/kg	102				30 (30)	150 (192)	
	gamma-Chlordane	17	0	17.2	ug/kg	101				30 (44)	150 (175)	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4860

Client: Tetra Tech

Analytical Method: 8081B

DataFile : PL093148.D

Lab Sample ID:	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits	
			Result	Result			Qual	RPD	Qual	Low	High	RPD
Client Sample ID: P4860-08MSD	PH2-BOT-007MSD											
	alpha-BHC	16.98	0	15.9	ug/kg	94		1		30 (60)	150 (144)	30 (20)
	beta-BHC	16.98	0	16.6	ug/kg	98		1		30 (54)	150 (143)	30 (20)
	delta-BHC	16.98	0	13.3	ug/kg	78		1		30 (47)	150 (144)	30 (20)
	gamma-BHC (Lindane)	16.98	0	15.6	ug/kg	92		2		30 (61)	150 (140)	30 (20)
	Heptachlor	16.98	0	16.7	ug/kg	98		2		30 (63)	150 (135)	30 (20)
	Aldrin	16.98	0	16.2	ug/kg	95		2		30 (49)	150 (139)	30 (20)
	Heptachlor epoxide	16.98	0	16.3	ug/kg	96		1		30 (32)	150 (180)	30 (20)
	Endosulfan I	16.98	0	15.1	ug/kg	89		5		30 (56)	150 (142)	30 (20)
	Dieldrin	16.98	0	17.0	ug/kg	100		1		30 (47)	150 (161)	30 (20)
	4,4'-DDE	16.98	0.476	17.8	ug/kg	102		0		30 (55)	150 (136)	30 (20)
	Endrin	16.98	0	18.3	ug/kg	108		3		30 (57)	150 (139)	30 (20)
	Endosulfan II	16.98	0	16.8	ug/kg	99		0		30 (40)	150 (163)	30 (20)
	4,4'-DDD	16.98	1	18.0	ug/kg	100		2		30 (37)	150 (192)	30 (20)
	Endosulfan sulfate	16.98	0	16.0	ug/kg	94		0		30 (62)	150 (139)	30 (20)
	4,4'-DDT	16.98	1.7	17.6	ug/kg	94		2		30 (51)	150 (146)	30 (20)
	Methoxychlor	16.98	0	16.6	ug/kg	98		1		30 (54)	150 (136)	30 (20)
	Endrin ketone	16.98	0	16.0	ug/kg	94		1		30 (60)	150 (129)	30 (20)
	Endrin aldehyde	16.98	0	15.5	ug/kg	91		1		30 (59)	150 (132)	30 (20)
	alpha-Chlordane	16.98	0	17.0	ug/kg	100		2		30 (30)	150 (192)	30 (20)
	gamma-Chlordane	16.98	0	16.9	ug/kg	100		1		30 (44)	150 (175)	30 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P4860

Client: Tetra Tech

Analytical Method: 8081B

Datafile : PL093139.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB165046BS	alpha-BHC	16.65	17.0	ug/kg	102				40 (84)	140 (123)	
	beta-BHC	16.65	17.1	ug/kg	103				40 (82)	140 (123)	
	delta-BHC	16.65	14.4	ug/kg	86				40 (83)	140 (126)	
	gamma-BHC (Lindane)	16.65	16.7	ug/kg	100				40 (83)	140 (125)	
	Heptachlor	16.65	18.1	ug/kg	109				40 (83)	140 (122)	
	Aldrin	16.65	16.4	ug/kg	98				40 (82)	140 (124)	
	Heptachlor epoxide	16.65	17.0	ug/kg	102				40 (83)	140 (120)	
	Endosulfan I	16.65	17.7	ug/kg	106				40 (81)	140 (124)	
	Dieldrin	16.65	17.6	ug/kg	106				40 (85)	140 (121)	
	4,4'-DDE	16.65	18.1	ug/kg	109				40 (81)	140 (123)	
	Endrin	16.65	18.7	ug/kg	112				40 (76)	140 (130)	
	Endosulfan II	16.65	17.8	ug/kg	107				40 (80)	140 (125)	
	4,4'-DDD	16.65	18.1	ug/kg	109				40 (80)	140 (131)	
	Endosulfan sulfate	16.65	16.8	ug/kg	101				40 (81)	140 (122)	
	4,4'-DDT	16.65	17.6	ug/kg	106				40 (70)	140 (129)	
	Methoxychlor	16.65	17.4	ug/kg	105				40 (60)	140 (119)	
	Endrin ketone	16.65	17.1	ug/kg	103				40 (77)	140 (132)	
	Endrin aldehyde	16.65	16.8	ug/kg	101				40 (79)	140 (124)	
	alpha-Chlordane	16.65	17.7	ug/kg	106				40 (84)	140 (120)	
	gamma-Chlordane	16.65	17.8	ug/kg	107				40 (83)	140 (122)	

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB165046BL

Lab Name: CHEMTECH

Contract: CORN02

Lab Code: CHEM Case No.: P4860

SAS No.: P4860 SDG NO.: P4860

Lab Sample ID: PB165046BL

Lab File ID: PL093140.D

Matrix: (soil/water) Solid

Extraction: (Type) _____

Sulfur Cleanup: (Y/N) N

Date Extracted: 11/18/2024

Date Analyzed (1): 11/19/2024

Date Analyzed (2): 11/19/2024

Time Analyzed (1): 14:05

Time Analyzed (2): 14:05

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

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

GC Column (2): ZB-MR1 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
PH2-BOT-002	P4860-03	PL093107.D	11/18/2024	11/18/2024
PH2-BOT-003	P4860-04	PL093108.D	11/18/2024	11/18/2024
PH2-BOT-004	P4860-05	PL093109.D	11/18/2024	11/18/2024
PH2-BOT-009	P4860-06	PL093113.D	11/18/2024	11/18/2024
PB165046BS	PB165046BS	PL093139.D	11/19/2024	11/19/2024
DUP-01	P4860-01	PL093141.D	11/19/2024	11/19/2024
PH2-BOT-001	P4860-02	PL093142.D	11/19/2024	11/19/2024
PH2-BOT-006	P4860-09	PL093143.D	11/19/2024	11/19/2024
PH2-BOT-005	P4860-10	PL093144.D	11/19/2024	11/19/2024
PH2-BOT-008	P4860-07	PL093145.D	11/19/2024	11/19/2024
PH2-BOT-007	P4860-08	PL093146.D	11/19/2024	11/19/2024
PH2-BOT-007MS	P4860-08MS	PL093147.D	11/19/2024	11/19/2024
PH2-BOT-007MSD	P4860-08MSD	PL093148.D	11/19/2024	11/19/2024

COMMENTS: _____



SAMPLE DATA

Report of Analysis

Client:	Tetra Tech		Date Collected:	11/14/24	
Project:	Ocean County Landfill 2024		Date Received:	11/14/24	
Client Sample ID:	DUP-01		SDG No.:	P4860	
Lab Sample ID:	P4860-01		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	96.8	Decanted:
Sample Wt/Vol:	30.05	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093141.D	1	11/18/24 08:20	11/19/24 14:18	PB165046

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.19	U	0.19	1.80	ug/kg
319-85-7	beta-BHC	0.51	U	0.51	1.80	ug/kg
319-86-8	delta-BHC	0.48	U	0.48	1.80	ug/kg
58-89-9	gamma-BHC (Lindane)	0.20	U	0.20	1.80	ug/kg
76-44-8	Heptachlor	0.18	U	0.18	1.80	ug/kg
309-00-2	Aldrin	0.14	U	0.14	1.80	ug/kg
1024-57-3	Heptachlor epoxide	0.24	U	0.24	1.80	ug/kg
959-98-8	Endosulfan I	0.18	U	0.18	1.80	ug/kg
60-57-1	Dieldrin	0.15	U	0.15	1.80	ug/kg
72-55-9	4,4-DDE	0.31	JP	0.13	1.80	ug/kg
72-20-8	Endrin	0.17	U	0.17	1.80	ug/kg
33213-65-9	Endosulfan II	0.31	U	0.31	1.80	ug/kg
72-54-8	4,4-DDD	0.26	JP	0.20	1.80	ug/kg
1031-07-8	Endosulfan Sulfate	0.13	U	0.13	1.80	ug/kg
50-29-3	4,4-DDT	0.18	U	0.18	1.80	ug/kg
72-43-5	Methoxychlor	0.39	U	0.39	1.80	ug/kg
53494-70-5	Endrin ketone	0.23	U	0.23	1.80	ug/kg
7421-93-4	Endrin aldehyde	0.40	U	0.40	1.80	ug/kg
5103-71-9	alpha-Chlordane	0.29	J	0.18	1.80	ug/kg
5103-74-2	gamma-Chlordane	0.37	JP	0.20	1.80	ug/kg
8001-35-2	Toxaphene	5.40	U	5.40	34.0	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.5		30 (10) - 150 (148)	97%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.6		30 (10) - 150 (159)	103%	SPK: 20

Report of Analysis

Client:	Tetra Tech	Date Collected:	11/14/24
Project:	Ocean County Landfill 2024	Date Received:	11/14/24
Client Sample ID:	DUP-01	SDG No.:	P4860
Lab Sample ID:	P4860-01	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	96.8
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093141.D	1	11/18/24 08:20	11/19/24 14:18	PB165046

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
 Data File : PL093141.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Nov 2024 14:18
 Operator : AR\AJ
 Sample : P4860-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

DUP-01

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/20/2024

Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 19 23:01:38 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 18:58:23 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.535	2.774	49665495	55914005	20.270m	20.548
28)	SA Decachlor...	9.054	7.913	33182893	53135966	17.242	19.469
Target Compounds							
10)	B gamma-Chl...	5.939	4.977	2851546	1924534	1.072m	0.572m#
11)	B alpha-Chl...	6.018	5.040	2229383	1100976	0.842m	0.331m#
12)	B 4,4'-DDE	6.188	5.232	1295503	2877447	0.547m	0.893 #
16)	A 4,4'-DDD	6.709	5.791	1121988	1914841	0.585m	0.769m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
Data File : PL093141.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2024 14:18
Operator : AR\AJ
Sample : P4860-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

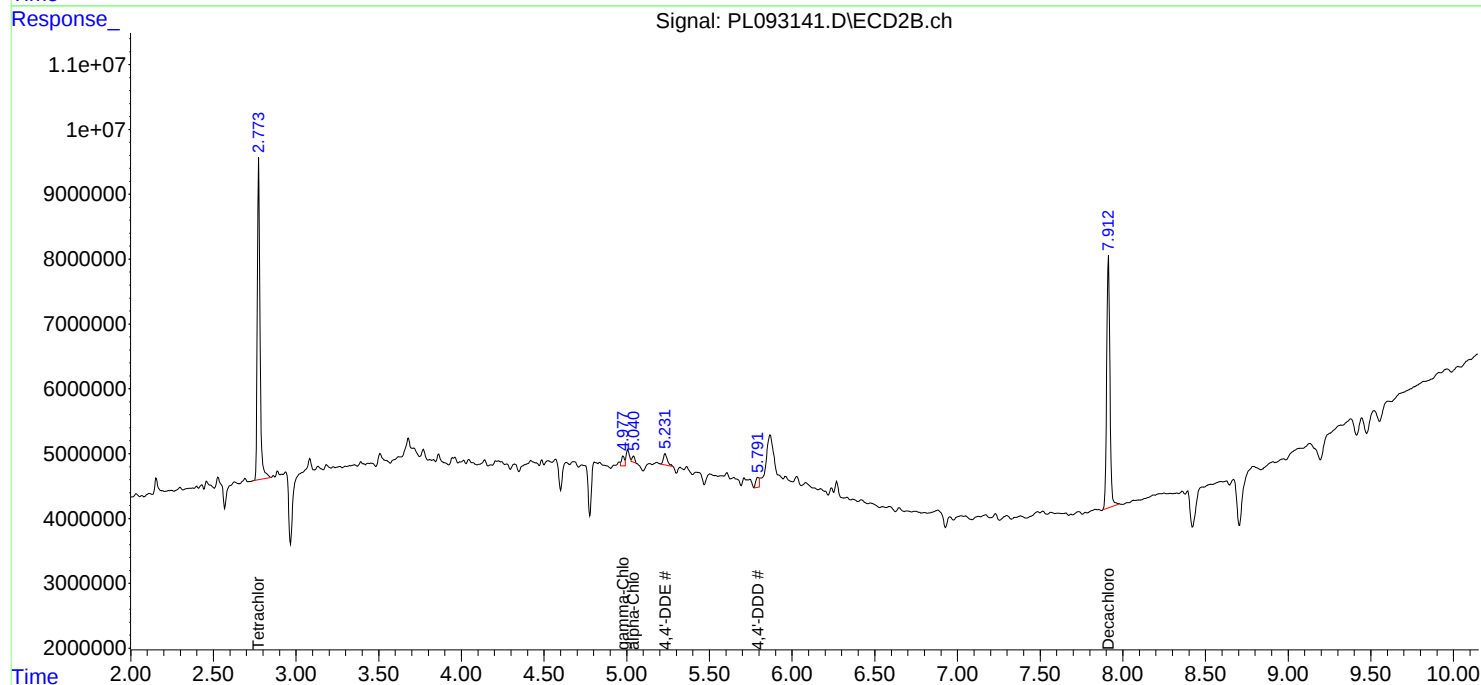
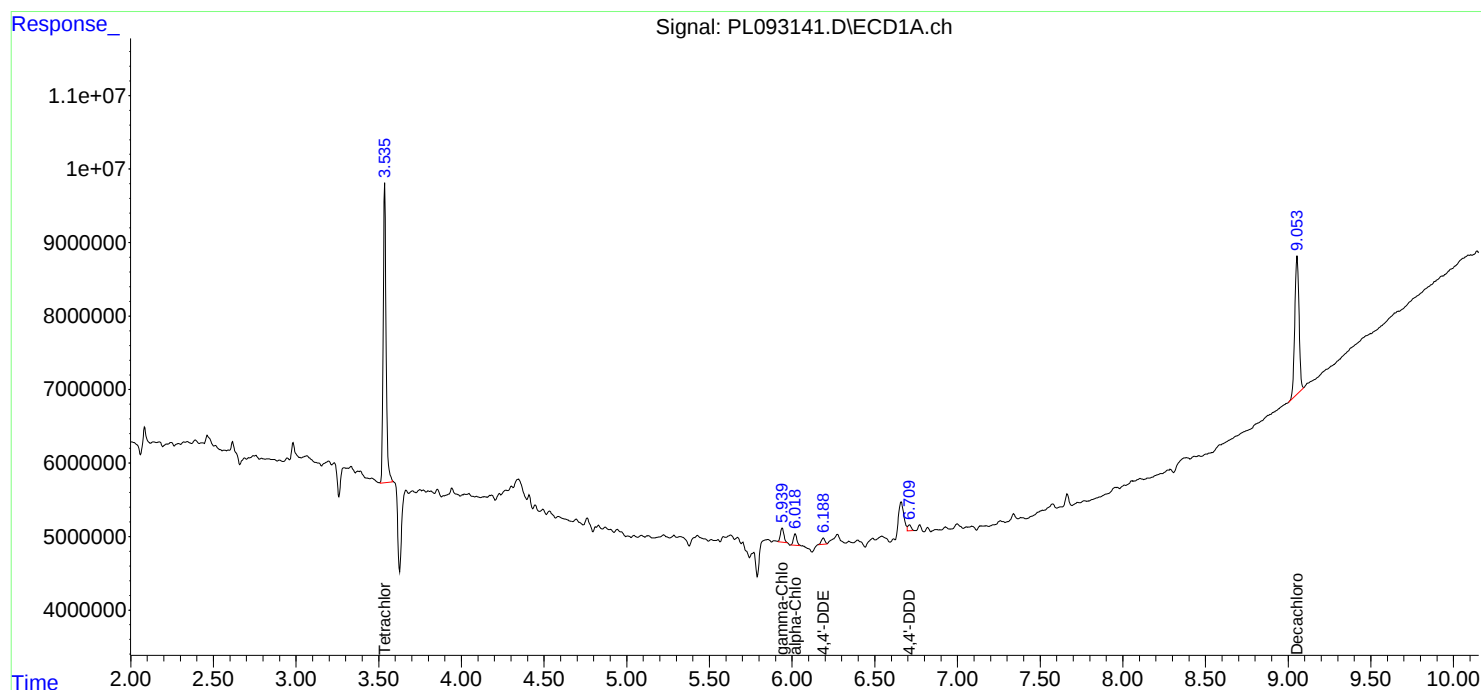
Instrument :
ECD_L
ClientSampleId :
DUP-01

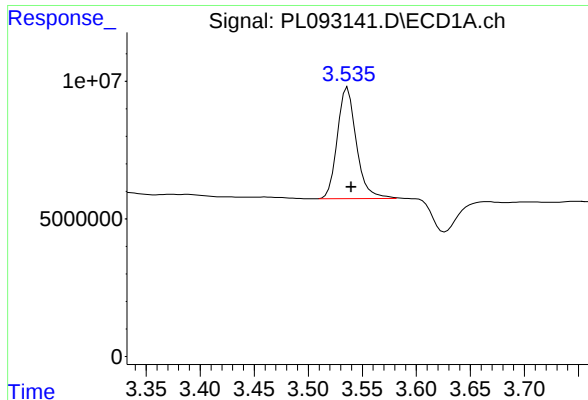
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 23:01:38 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

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





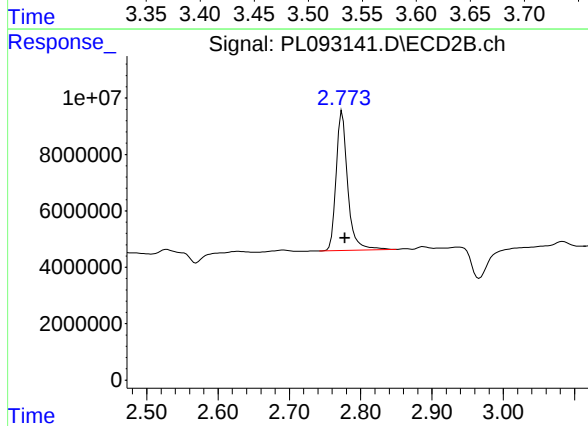
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: -0.005 min
Response: 49665495
Conc: 20.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
DUP-01

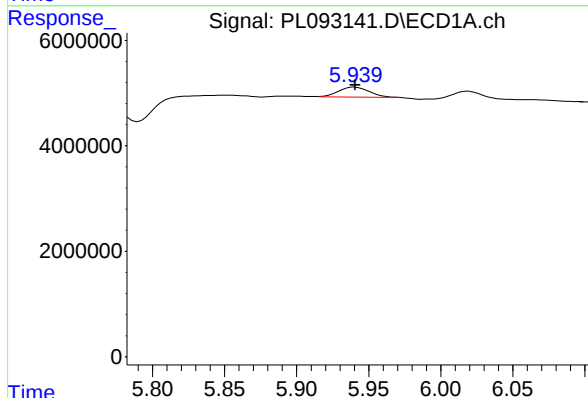
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024



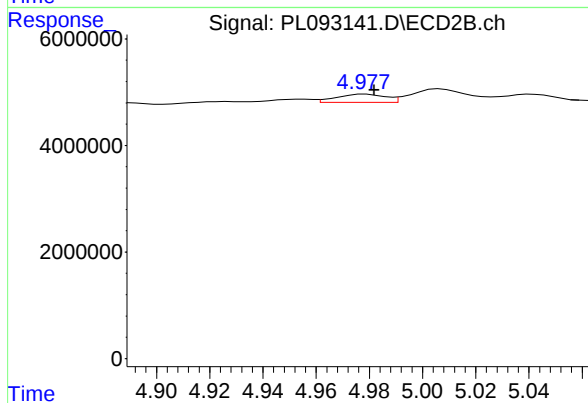
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: -0.004 min
Response: 55914005
Conc: 20.55 ng/ml



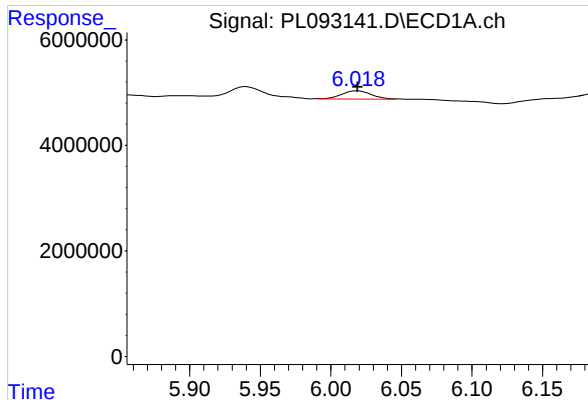
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: -0.002 min
Response: 2851546
Conc: 1.07 ng/ml m



#10 gamma-Chlordane

R.T.: 4.977 min
Delta R.T.: -0.005 min
Response: 1924534
Conc: 0.57 ng/ml m



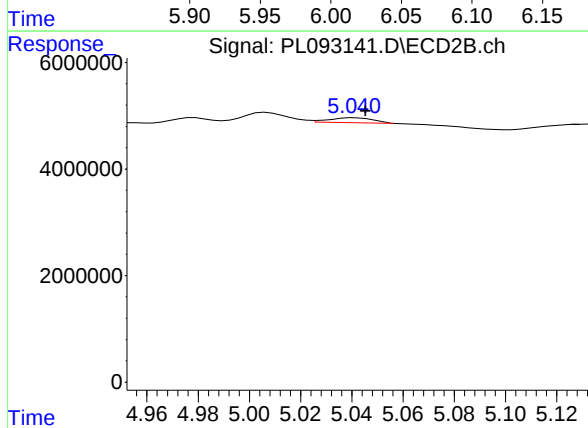
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: -0.002 min
Response: 2229383
Conc: 0.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
DUP-01

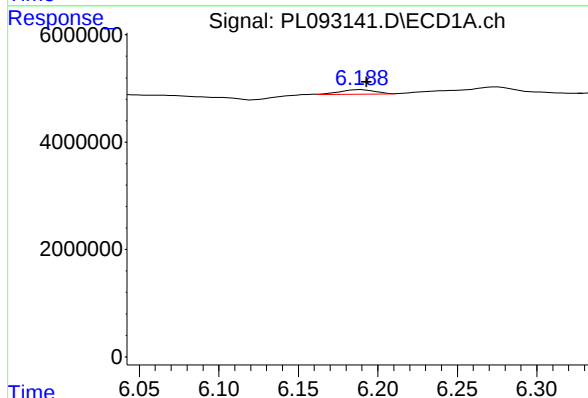
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024



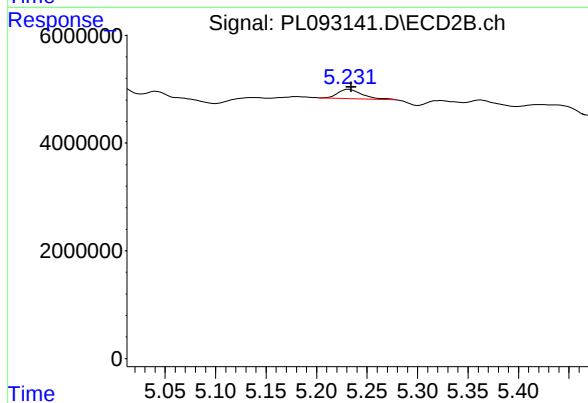
#11 alpha-Chlordane

R.T.: 5.040 min
Delta R.T.: -0.006 min
Response: 1100976
Conc: 0.33 ng/ml



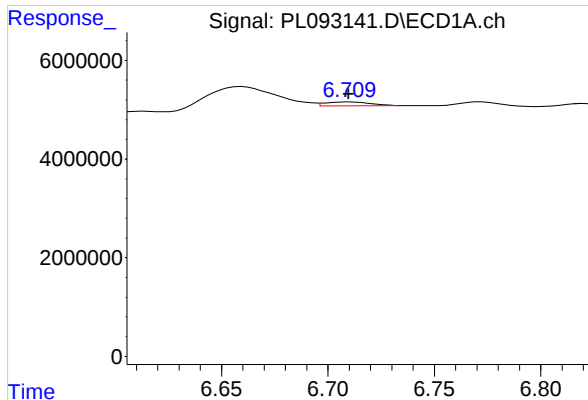
#12 4,4'-DDE

R.T.: 6.188 min
Delta R.T.: -0.005 min
Response: 1295503
Conc: 0.55 ng/ml



#12 4,4'-DDE

R.T.: 5.232 min
Delta R.T.: -0.003 min
Response: 2877447
Conc: 0.89 ng/ml



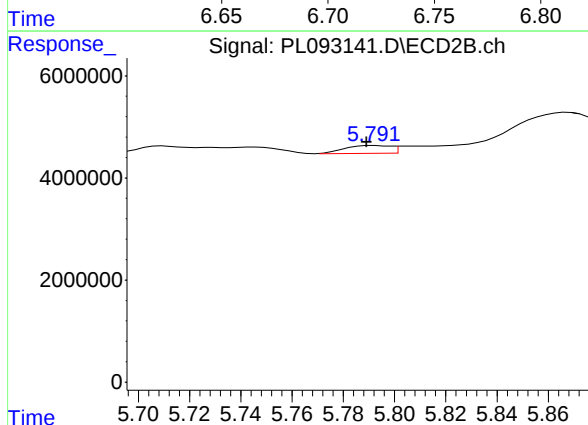
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 1121988
Conc: 0.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
DUP-01

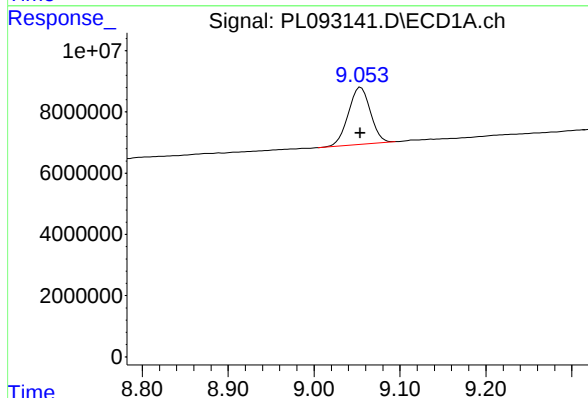
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024



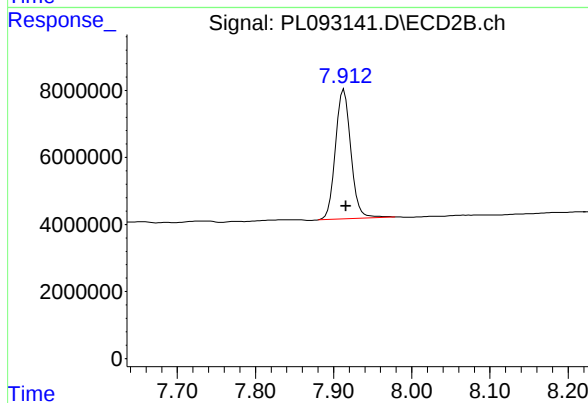
#16 4,4'-DDD

R.T.: 5.791 min
Delta R.T.: 0.002 min
Response: 1914841
Conc: 0.77 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: 0.000 min
Response: 33182893
Conc: 17.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.913 min
Delta R.T.: -0.003 min
Response: 53135966
Conc: 19.47 ng/ml

Report of Analysis

Client:	Tetra Tech			Date Collected:	11/14/24	
Project:	Ocean County Landfill 2024			Date Received:	11/14/24	
Client Sample ID:	PH2-BOT-001			SDG No.:	P4860	
Lab Sample ID:	P4860-02			Matrix:	SOIL	
Analytical Method:	SW8081			% Solid:	96.8	Decanted:
Sample Wt/Vol:	30.06	Units:	g	Final Vol:	10000	uL
Soil Aliquot Vol:			uL	Test:	Pesticide-TCL	
Extraction Type:				Injection Volume :		
GPC Factor :	1.0	PH :				
Prep Method :	SW3541B					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093142.D	1	11/18/24 08:20	11/19/24 14:31	PB165046

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.19	U	0.19	1.80	ug/kg
319-85-7	beta-BHC	0.51	U	0.51	1.80	ug/kg
319-86-8	delta-BHC	0.48	U	0.48	1.80	ug/kg
58-89-9	gamma-BHC (Lindane)	0.20	U	0.20	1.80	ug/kg
76-44-8	Heptachlor	0.18	U	0.18	1.80	ug/kg
309-00-2	Aldrin	0.14	U	0.14	1.80	ug/kg
1024-57-3	Heptachlor epoxide	0.24	U	0.24	1.80	ug/kg
959-98-8	Endosulfan I	0.18	U	0.18	1.80	ug/kg
60-57-1	Dieldrin	0.34	J	0.15	1.80	ug/kg
72-55-9	4,4-DDE	0.62	J	0.13	1.80	ug/kg
72-20-8	Endrin	0.17	U	0.17	1.80	ug/kg
33213-65-9	Endosulfan II	0.31	U	0.31	1.80	ug/kg
72-54-8	4,4-DDD	1.30	JP	0.20	1.80	ug/kg
1031-07-8	Endosulfan Sulfate	0.13	U	0.13	1.80	ug/kg
50-29-3	4,4-DDT	2.10	P	0.18	1.80	ug/kg
72-43-5	Methoxychlor	0.39	U	0.39	1.80	ug/kg
53494-70-5	Endrin ketone	0.23	U	0.23	1.80	ug/kg
7421-93-4	Endrin aldehyde	0.40	U	0.40	1.80	ug/kg
5103-71-9	alpha-Chlordane	2.60	P	0.18	1.80	ug/kg
5103-74-2	gamma-Chlordane	6.50	P	0.20	1.80	ug/kg
8001-35-2	Toxaphene	5.40	U	5.40	34.0	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.5		30 (10) - 150 (148)	98%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.9		30 (10) - 150 (159)	99%	SPK: 20

Report of Analysis

Client:	Tetra Tech		Date Collected:	11/14/24	
Project:	Ocean County Landfill 2024		Date Received:	11/14/24	
Client Sample ID:	PH2-BOT-001		SDG No.:	P4860	
Lab Sample ID:	P4860-02		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	96.8	Decanted:
Sample Wt/Vol:	30.06	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093142.D	1	11/18/24 08:20	11/19/24 14:31	PB165046

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
 Data File : PL093142.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Nov 2024 14:31
 Operator : AR\AJ
 Sample : P4860-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PH2-BOT-001

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/20/2024
 Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 19 23:02:31 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 18:58:23 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.534	2.773	48680067	52487004	19.867m	19.288
28) SA Decachlor...	9.054	7.913	35147082	53305010	18.262	19.531
Target Compounds						
10) B gamma-Chl...	5.943	4.977	50043080	20886193	18.809m	6.213m#
11) B alpha-Chl...	6.018	5.039	19746392	11207102	7.457m	3.370m#
12) B 4,4'-DDE	6.189	5.230	4241053	5437627	1.790	1.688m
13) MA Dieldrin	6.340	5.362	1009730	3277069	0.383m	0.981m#
16) A 4,4'-DDD	6.708	5.785	7385202	6229718	3.847m	2.502m#
17) MA 4,4'-DDT	7.025	6.033	12770587	6005547	6.170m	2.239 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
Data File : PL093142.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2024 14:31
Operator : AR\AJ
Sample : P4860-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PH2-BOT-001

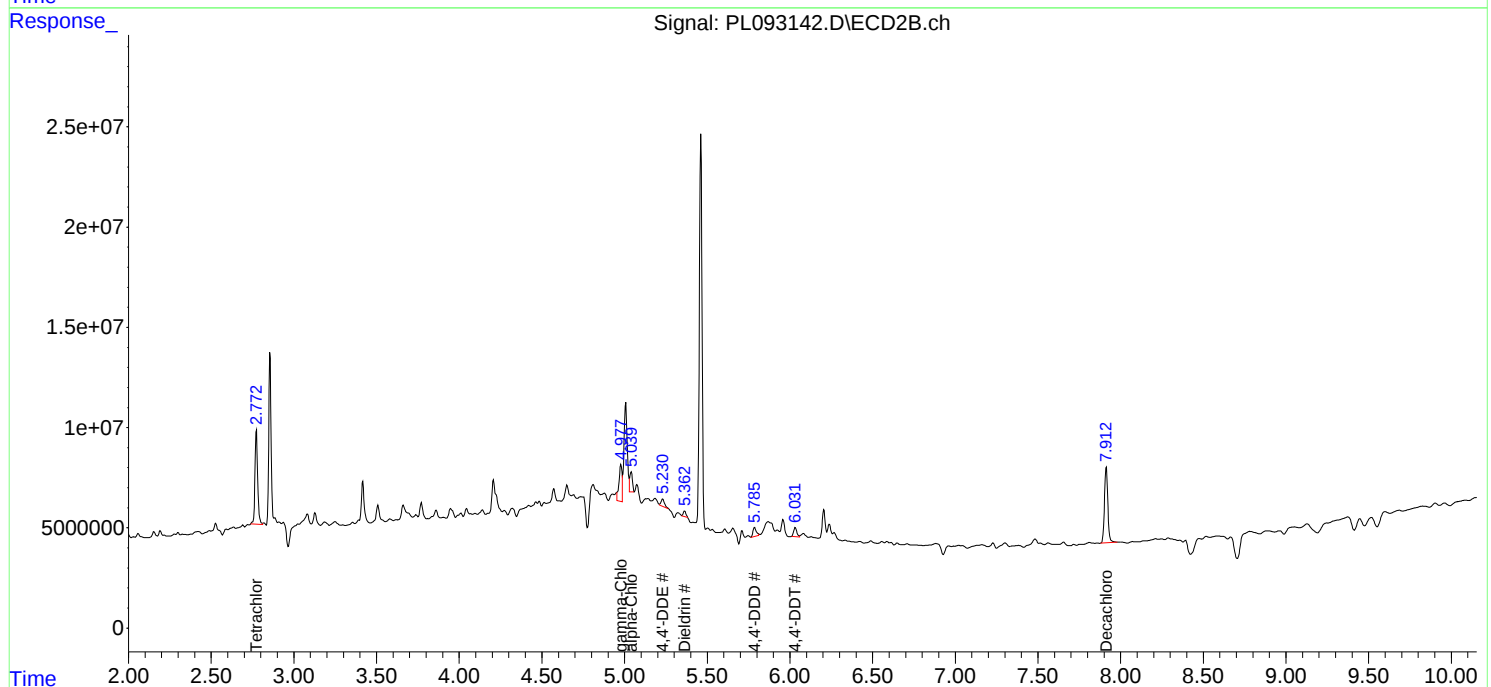
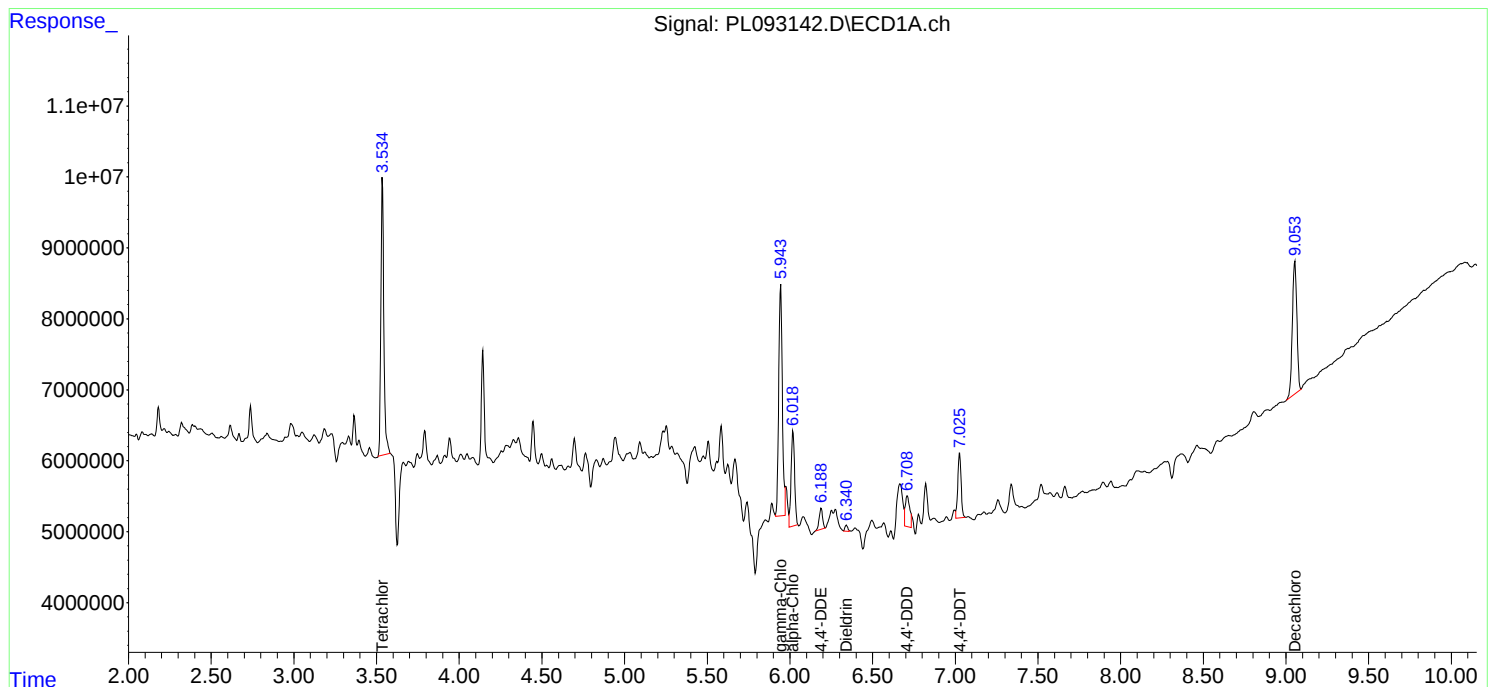
Manual Integrations

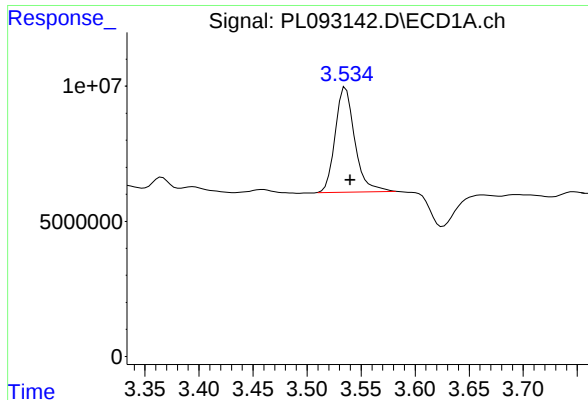
APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 23:02:31 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

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





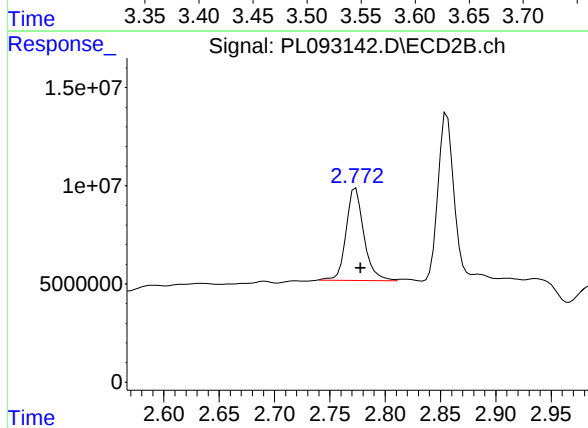
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.006 min
Response: 48680067
Conc: 19.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-001

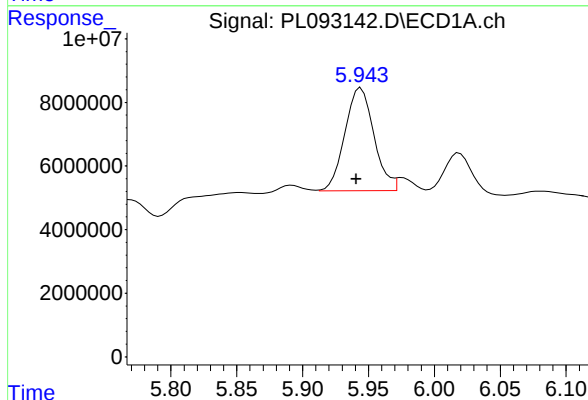
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024



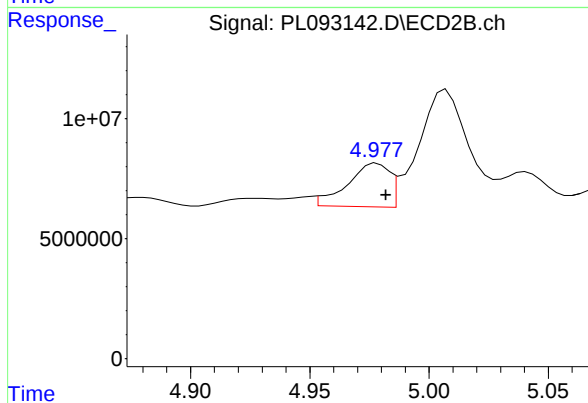
#1 Tetrachloro-m-xylene

R.T.: 2.773 min
Delta R.T.: -0.004 min
Response: 52487004
Conc: 19.29 ng/ml



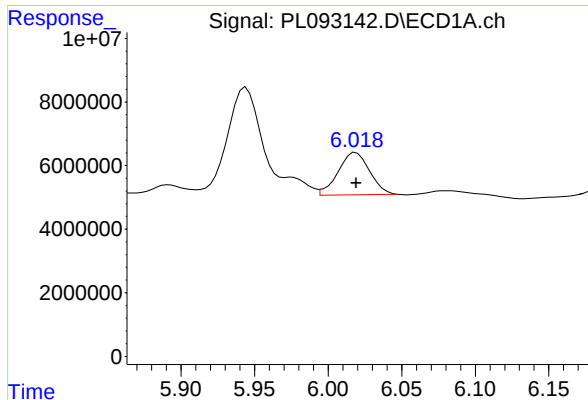
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: 0.002 min
Response: 50043080
Conc: 18.81 ng/ml m



#10 gamma-Chlordane

R.T.: 4.977 min
Delta R.T.: -0.005 min
Response: 20886193
Conc: 6.21 ng/ml m



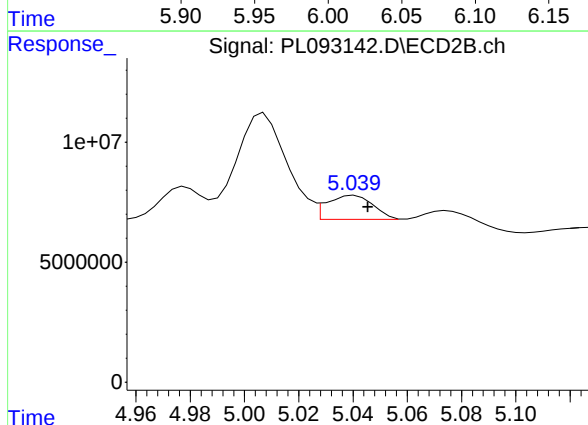
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: -0.002 min
Response: 19746392
Conc: 7.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-001

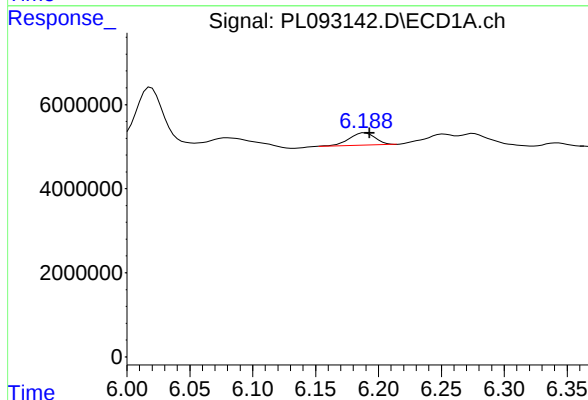
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024



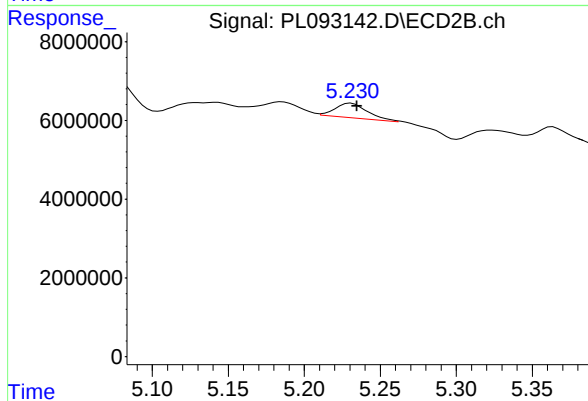
#11 alpha-Chlordane

R.T.: 5.039 min
Delta R.T.: -0.006 min
Response: 11207102
Conc: 3.37 ng/ml m



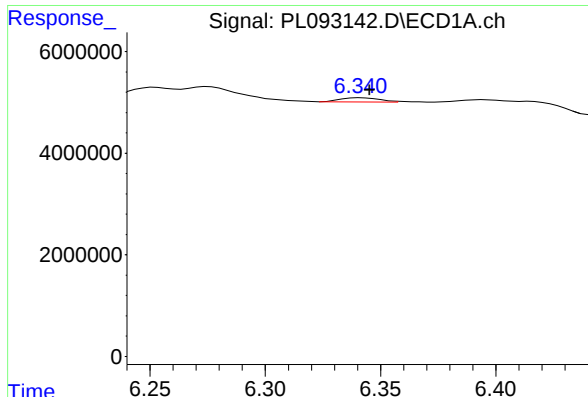
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.004 min
Response: 4241053
Conc: 1.79 ng/ml



#12 4,4'-DDE

R.T.: 5.230 min
Delta R.T.: -0.005 min
Response: 5437627
Conc: 1.69 ng/ml m



#13 Dieldrin

R.T.: 6.340 min
Delta R.T.: -0.005 min
Response: 1009730
Conc: 0.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-001

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024

#13 Dieldrin

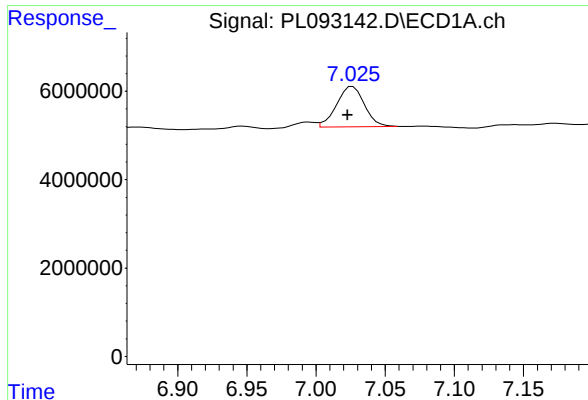
R.T.: 5.362 min
Delta R.T.: -0.004 min
Response: 3277069
Conc: 0.98 ng/ml

#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: -0.001 min
Response: 7385202
Conc: 3.85 ng/ml

#16 4,4'-DDD

R.T.: 5.785 min
Delta R.T.: -0.004 min
Response: 6229718
Conc: 2.50 ng/ml



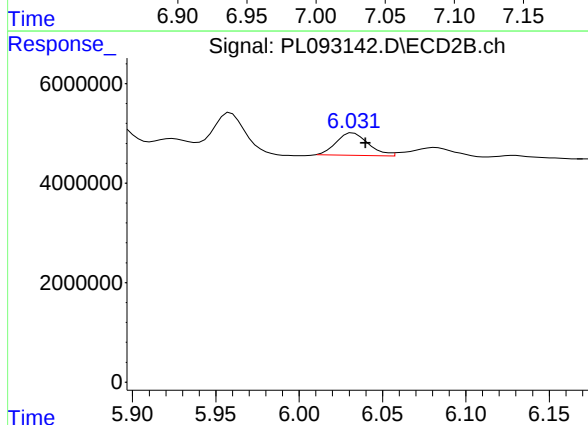
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: 0.002 min
Response: 12770587
Conc: 6.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-001

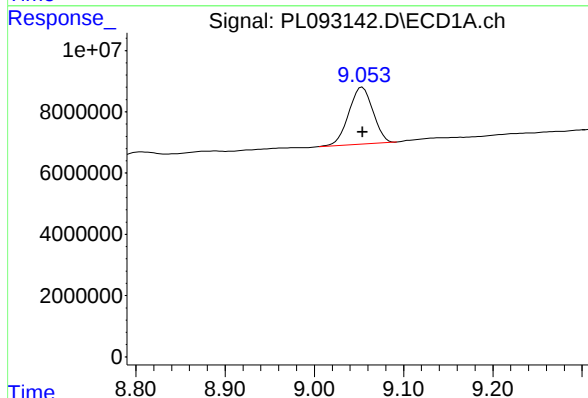
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024



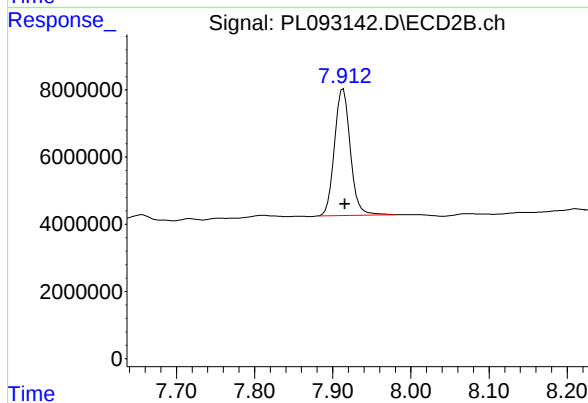
#17 4,4'-DDT

R.T.: 6.033 min
Delta R.T.: -0.007 min
Response: 6005547
Conc: 2.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: 0.000 min
Response: 35147082
Conc: 18.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.913 min
Delta R.T.: -0.002 min
Response: 53305010
Conc: 19.53 ng/ml

Report of Analysis

Client:	Tetra Tech	Date Collected:	11/14/24
Project:	Ocean County Landfill 2024	Date Received:	11/14/24
Client Sample ID:	PH2-BOT-002	SDG No.:	P4860
Lab Sample ID:	P4860-03	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	96.6 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093107.D	1	11/18/24 08:20	11/18/24 12:26	PB165046

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.19	U	0.19	1.80	ug/kg
319-85-7	beta-BHC	0.51	U	0.51	1.80	ug/kg
319-86-8	delta-BHC	0.49	U	0.49	1.80	ug/kg
58-89-9	gamma-BHC (Lindane)	0.20	U	0.20	1.80	ug/kg
76-44-8	Heptachlor	0.18	U	0.18	1.80	ug/kg
309-00-2	Aldrin	0.14	U	0.14	1.80	ug/kg
1024-57-3	Heptachlor epoxide	0.24	U	0.24	1.80	ug/kg
959-98-8	Endosulfan I	0.18	U	0.18	1.80	ug/kg
60-57-1	Dieldrin	0.15	U	0.15	1.80	ug/kg
72-55-9	4,4-DDE	1.00	JP	0.13	1.80	ug/kg
72-20-8	Endrin	0.17	U	0.17	1.80	ug/kg
33213-65-9	Endosulfan II	0.31	U	0.31	1.80	ug/kg
72-54-8	4,4-DDD	1.20	J	0.20	1.80	ug/kg
1031-07-8	Endosulfan Sulfate	0.13	U	0.13	1.80	ug/kg
50-29-3	4,4-DDT	2.40	P	0.18	1.80	ug/kg
72-43-5	Methoxychlor	0.39	U	0.39	1.80	ug/kg
53494-70-5	Endrin ketone	0.23	U	0.23	1.80	ug/kg
7421-93-4	Endrin aldehyde	0.40	U	0.40	1.80	ug/kg
5103-71-9	alpha-Chlordane	0.18	U	0.18	1.80	ug/kg
5103-74-2	gamma-Chlordane	0.20	U	0.20	1.80	ug/kg
8001-35-2	Toxaphene	5.40	U	5.40	34.1	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.2		30 (10) - 150 (148)	101%	SPK: 20
877-09-8	Tetrachloro-m-xylene	24.7		30 (10) - 150 (159)	124%	SPK: 20

Report of Analysis

Client:	Tetra Tech		Date Collected:	11/14/24	
Project:	Ocean County Landfill 2024		Date Received:	11/14/24	
Client Sample ID:	PH2-BOT-002		SDG No.:	P4860	
Lab Sample ID:	P4860-03		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	96.6	Decanted:
Sample Wt/Vol:	30.08	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093107.D	1	11/18/24 08:20	11/18/24 12:26	PB165046

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111824\
 Data File : PL093107.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Nov 2024 12:26
 Operator : AR\AJ
 Sample : P4860-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PH2-BOT-002

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :Ankita Jodhani 11/19/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 19 01:25:42 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 18:58:23 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.538	2.776	60564452	59549026	24.718m	21.884m
28) SA Decachlor...	9.055	7.914	38812196	50184984	20.167	18.388
Target Compounds						
12) B 4,4'-DDE	6.191	5.231	6971256	5781567	2.942	1.795m#
16) A 4,4'-DDD	6.708	5.785	6704983	8974051	3.493m	3.604m
17) MA 4,4'-DDT	7.026	6.034	14683903	6474724	7.095m	2.414 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111824\
Data File : PL093107.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2024 12:26
Operator : AR\AJ
Sample : P4860-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PH2-BOT-002

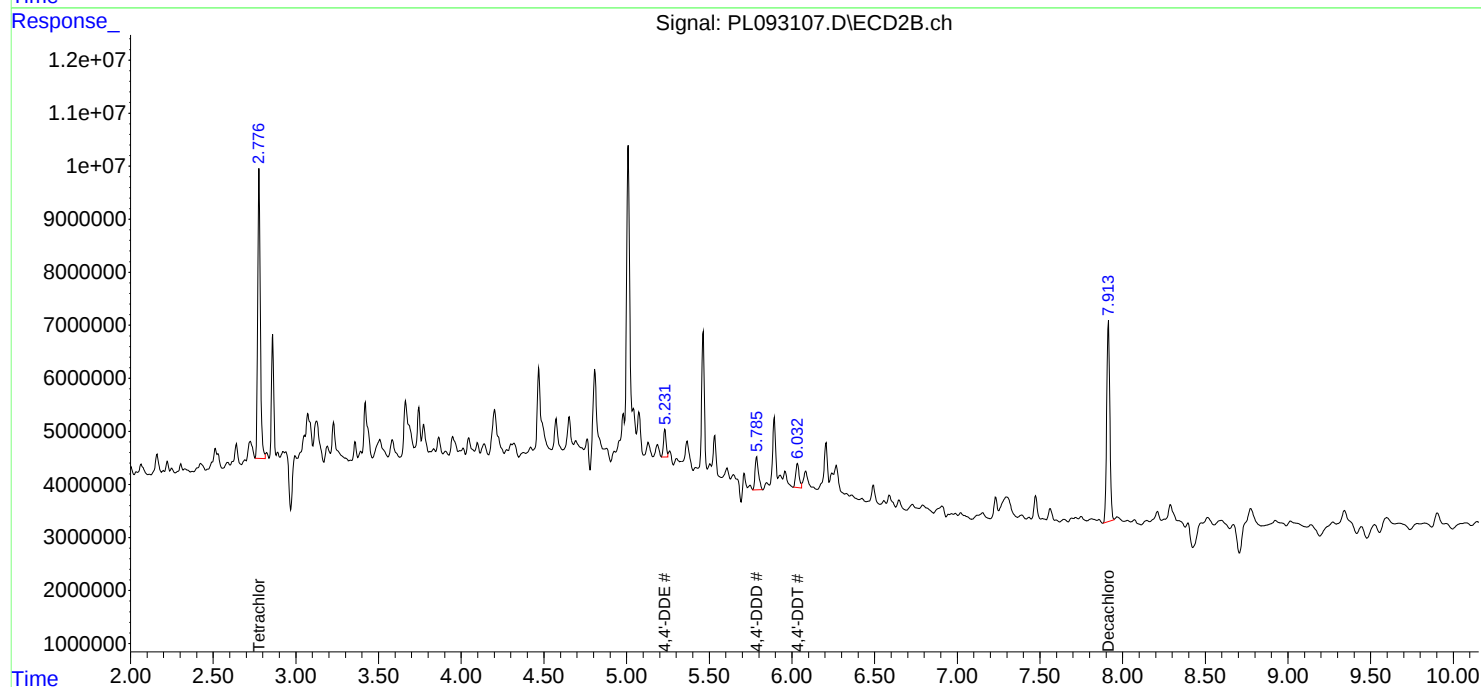
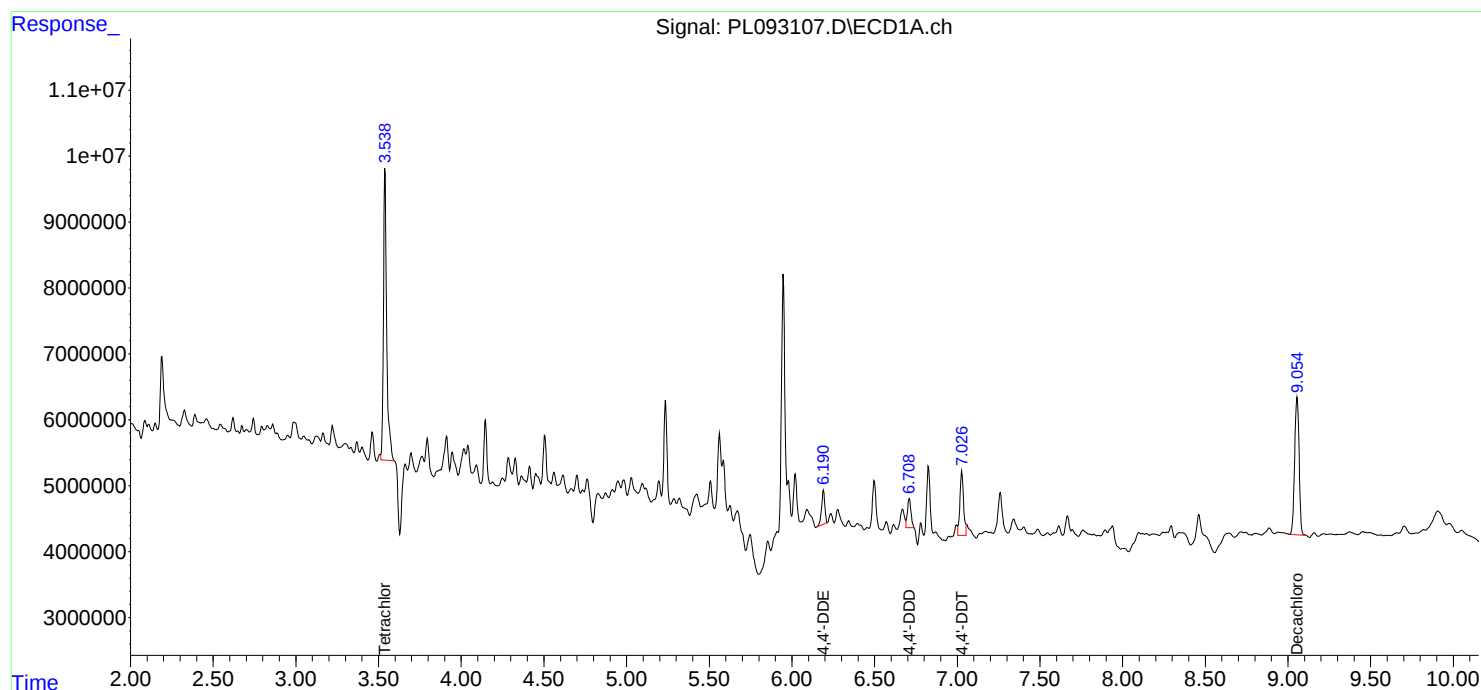
Manual Integrations**APPROVED**

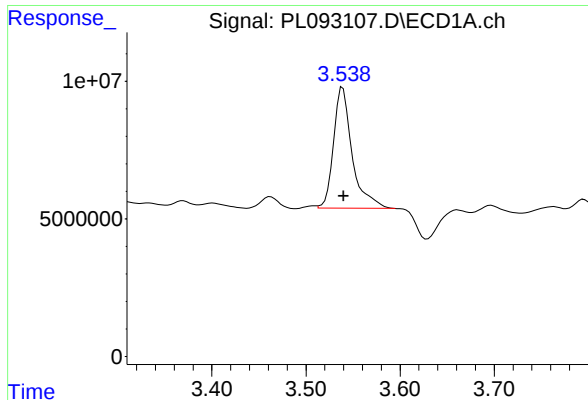
Reviewed By :Yogesh Patel 11/19/2024

Supervised By :Ankita Jodhani 11/19/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 01:25:42 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

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





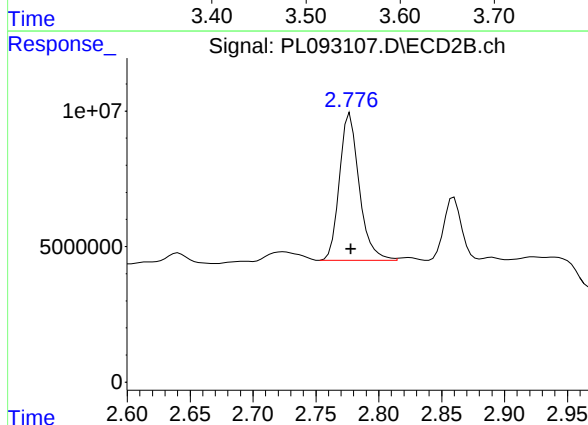
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: -0.002 min
Response: 60564452
Conc: 24.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-002

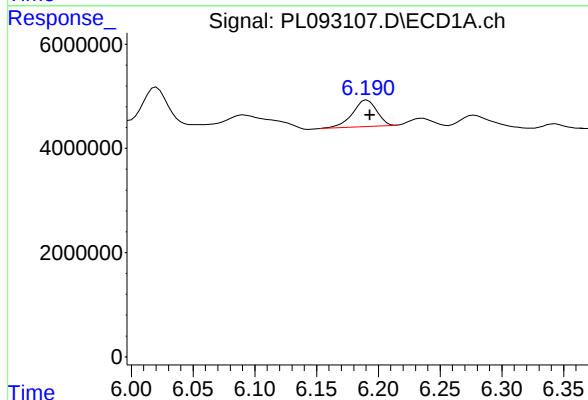
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :Ankita Jodhani 11/19/2024



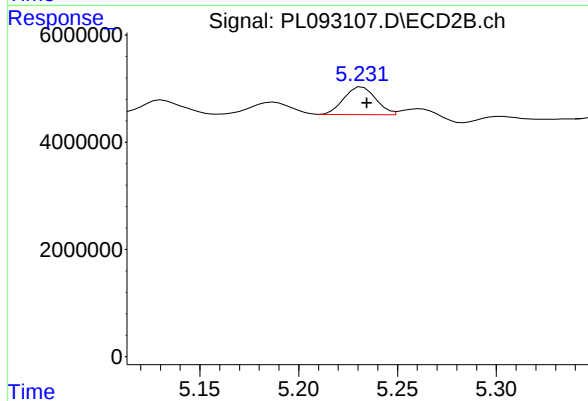
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: -0.002 min
Response: 59549026
Conc: 21.88 ng/ml



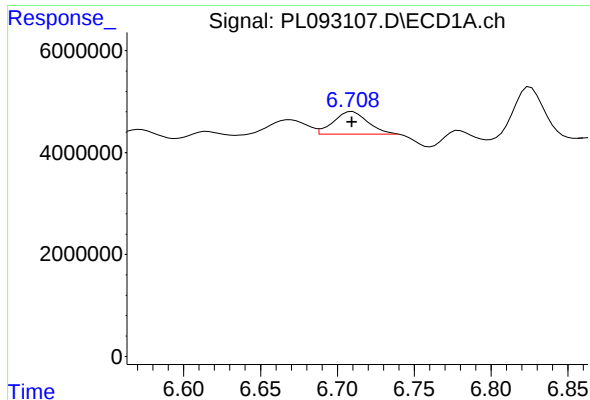
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: -0.002 min
Response: 6971256
Conc: 2.94 ng/ml



#12 4,4'-DDE

R.T.: 5.231 min
Delta R.T.: -0.004 min
Response: 5781567
Conc: 1.79 ng/ml



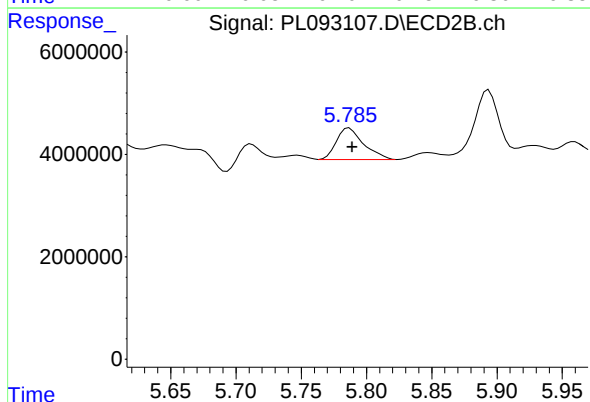
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: -0.001 min
Response: 6704983
Conc: 3.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-002

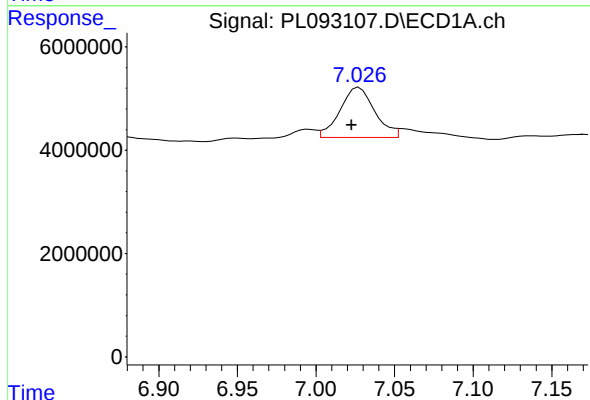
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :Ankita Jodhani 11/19/2024



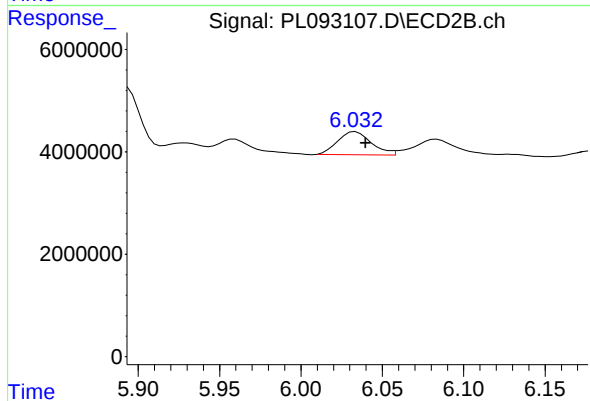
#16 4,4'-DDD

R.T.: 5.785 min
Delta R.T.: -0.004 min
Response: 8974051
Conc: 3.60 ng/ml m



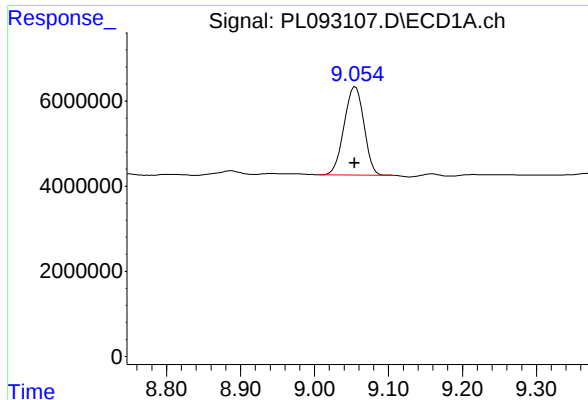
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: 0.003 min
Response: 14683903
Conc: 7.09 ng/ml m



#17 4,4'-DDT

R.T.: 6.034 min
Delta R.T.: -0.006 min
Response: 6474724
Conc: 2.41 ng/ml



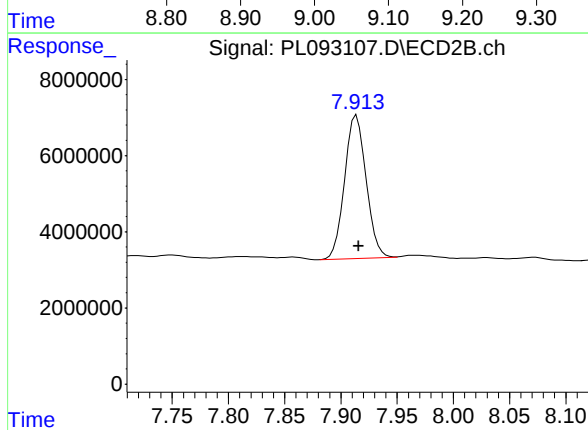
#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: 0.001 min
Response: 38812196
Conc: 20.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-002

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :Ankita Jodhani 11/19/2024



#28 Decachlorobiphenyl

R.T.: 7.914 min
Delta R.T.: -0.002 min
Response: 50184984
Conc: 18.39 ng/ml

Report of Analysis

Client:	Tetra Tech			Date Collected:	11/14/24	
Project:	Ocean County Landfill 2024			Date Received:	11/14/24	
Client Sample ID:	PH2-BOT-003			SDG No.:	P4860	
Lab Sample ID:	P4860-04			Matrix:	SOIL	
Analytical Method:	SW8081			% Solid:	97.8	Decanted:
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	10000	uL
Soil Aliquot Vol:			uL	Test:	Pesticide-TCL	
Extraction Type:				Injection Volume :		
GPC Factor :	1.0	PH :				
Prep Method :	SW3541B					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093108.D	1	11/18/24 08:20	11/18/24 12:39	PB165046

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.18	U	0.18	1.70	ug/kg
319-85-7	beta-BHC	0.50	U	0.50	1.70	ug/kg
319-86-8	delta-BHC	0.48	U	0.48	1.70	ug/kg
58-89-9	gamma-BHC (Lindane)	0.19	U	0.19	1.70	ug/kg
76-44-8	Heptachlor	0.17	U	0.17	1.70	ug/kg
309-00-2	Aldrin	0.14	U	0.14	1.70	ug/kg
1024-57-3	Heptachlor epoxide	0.23	U	0.23	1.70	ug/kg
959-98-8	Endosulfan I	0.17	U	0.17	1.70	ug/kg
60-57-1	Dieldrin	0.15	U	0.15	1.70	ug/kg
72-55-9	4,4-DDE	0.13	U	0.13	1.70	ug/kg
72-20-8	Endrin	0.16	U	0.16	1.70	ug/kg
33213-65-9	Endosulfan II	0.31	U	0.31	1.70	ug/kg
72-54-8	4,4-DDD	0.53	JP	0.19	1.70	ug/kg
1031-07-8	Endosulfan Sulfate	0.13	U	0.13	1.70	ug/kg
50-29-3	4,4-DDT	0.34	J	0.17	1.70	ug/kg
72-43-5	Methoxychlor	0.39	U	0.39	1.70	ug/kg
53494-70-5	Endrin ketone	0.22	U	0.22	1.70	ug/kg
7421-93-4	Endrin aldehyde	0.40	U	0.40	1.70	ug/kg
5103-71-9	alpha-Chlordane	1.50	J	0.17	1.70	ug/kg
5103-74-2	gamma-Chlordane	1.20	JP	0.19	1.70	ug/kg
8001-35-2	Toxaphene	5.30	U	5.30	33.6	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	23.8		30 (10) - 150 (148)	119%	SPK: 20
877-09-8	Tetrachloro-m-xylene	24.5		30 (10) - 150 (159)	122%	SPK: 20

Report of Analysis

Client:	Tetra Tech	Date Collected:	11/14/24
Project:	Ocean County Landfill 2024	Date Received:	11/14/24
Client Sample ID:	PH2-BOT-003	SDG No.:	P4860
Lab Sample ID:	P4860-04	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	97.8
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093108.D	1	11/18/24 08:20	11/18/24 12:39	PB165046

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	------------	-------

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111824\
 Data File : PL093108.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Nov 2024 12:39
 Operator : AR\AJ
 Sample : P4860-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PH2-BOT-003

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :Ankita Jodhani 11/19/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 19 01:25:58 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 18:58:23 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.537	2.777	60015498	60671247	24.494m	22.296
28)	SA Decachlor...	9.054	7.915	45786658	54405353	23.791m	19.934
Target Compounds							
10)	B gamma-Chl...	5.939	4.978	9742156	7485133	3.662m	2.227m#
11)	B alpha-Chl...	6.019	5.043	11490642	11659214	4.339m	3.505
16)	A 4,4'-DDD	6.709	5.786	2997803	2681900	1.562m	1.077m#
17)	MA 4,4'-DDT	7.026	6.033	1975907	2710176	0.955m	1.010m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111824\
Data File : PL093108.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2024 12:39
Operator : AR\AJ
Sample : P4860-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PH2-BOT-003

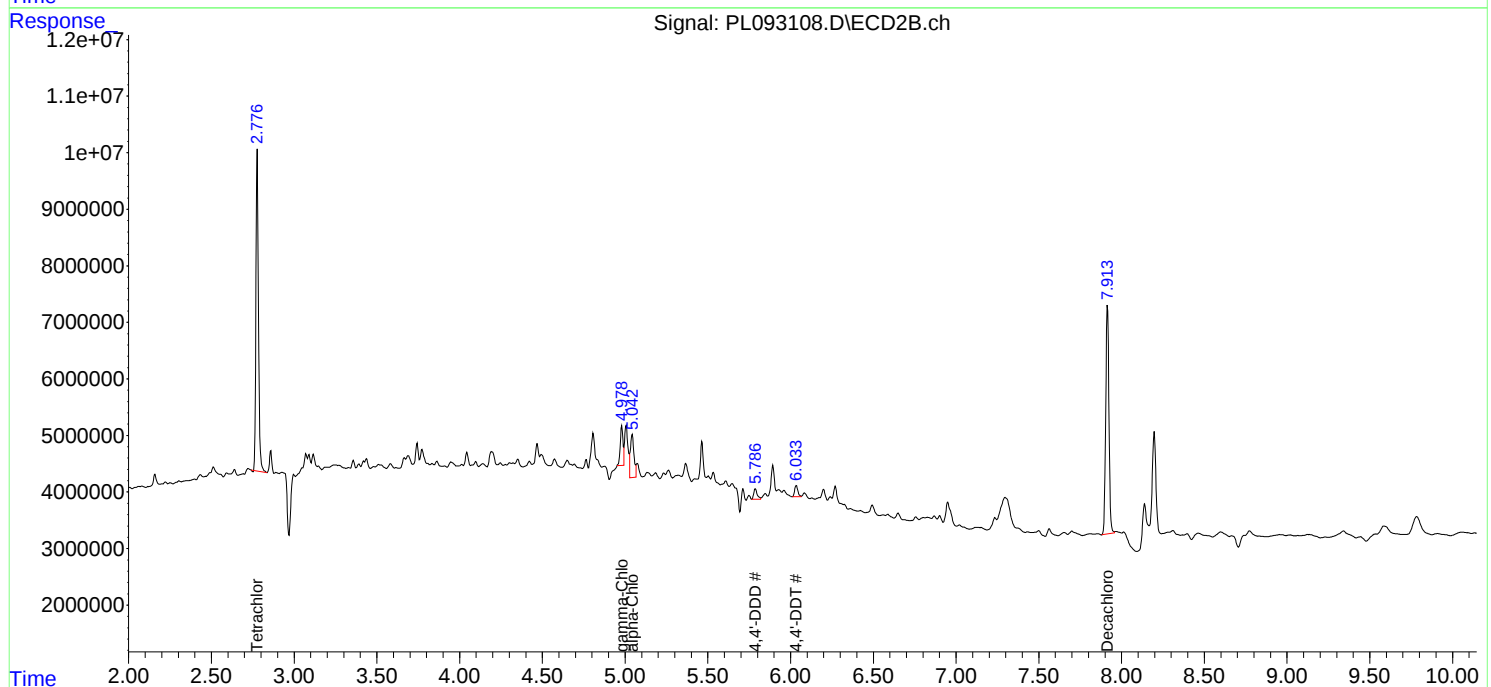
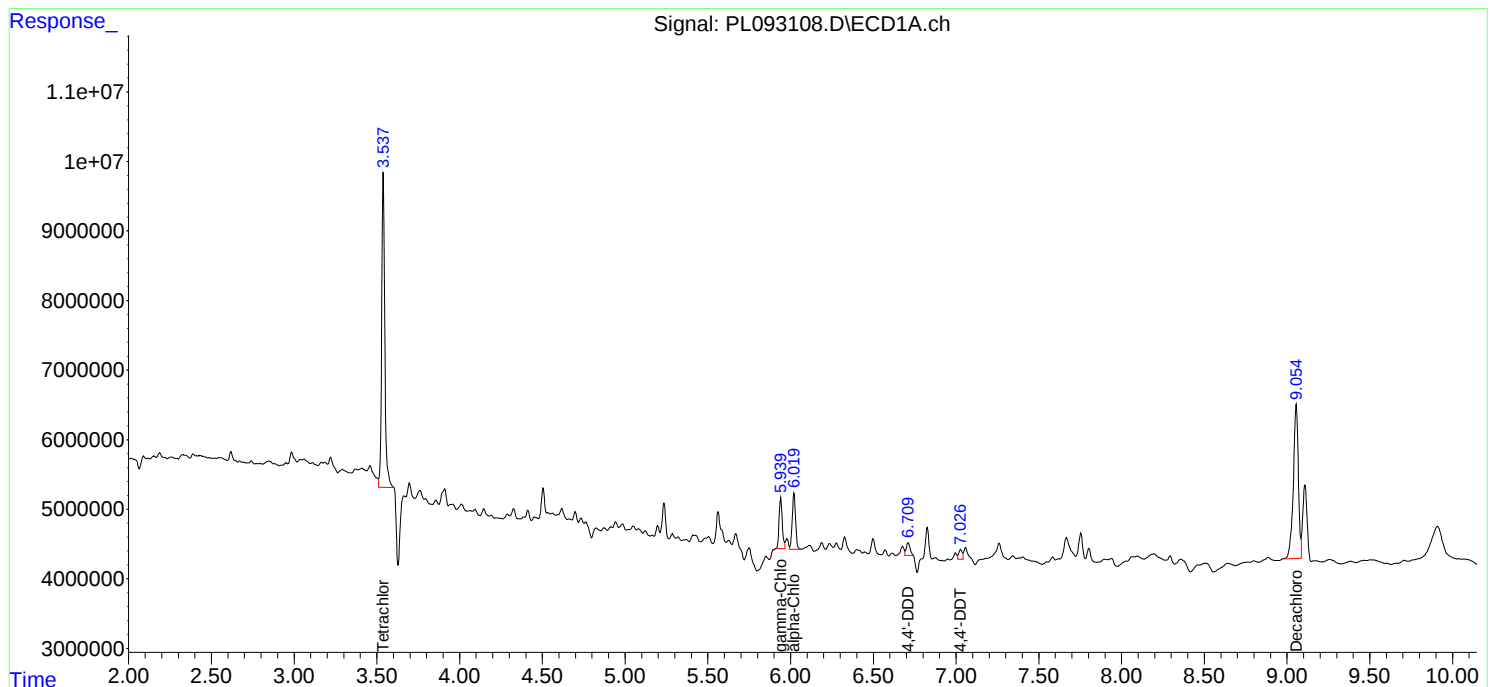
Manual Integrations

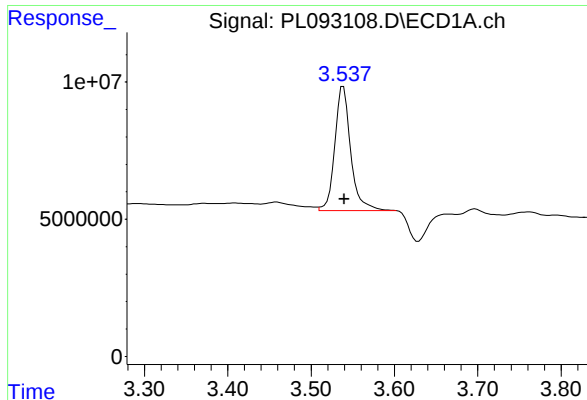
APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :Ankita Jodhani 11/19/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 01:25:58 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

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





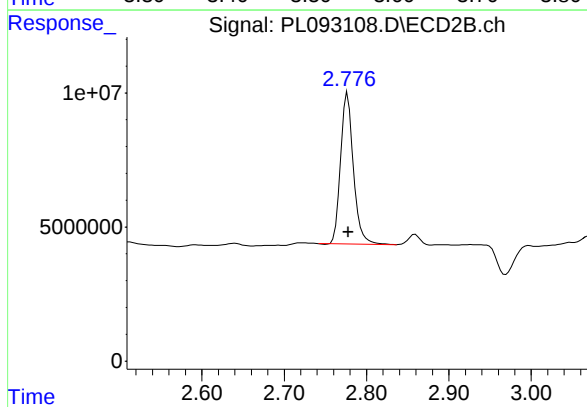
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: -0.003 min
Response: 60015498
Conc: 24.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-003

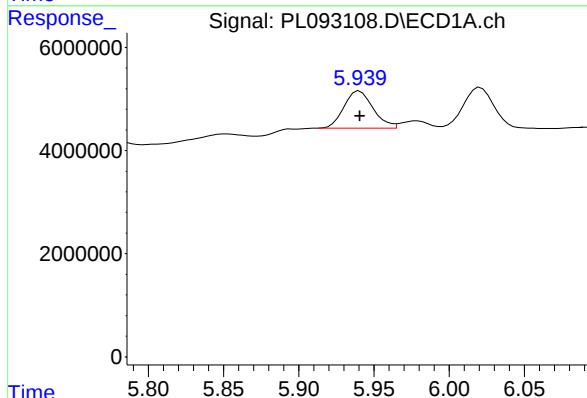
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :Ankita Jodhani 11/19/2024



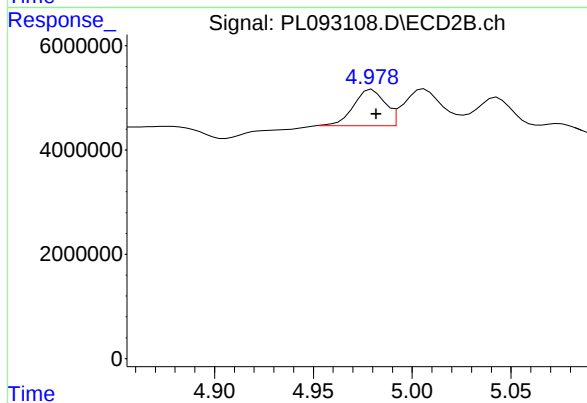
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: 0.000 min
Response: 60671247
Conc: 22.30 ng/ml



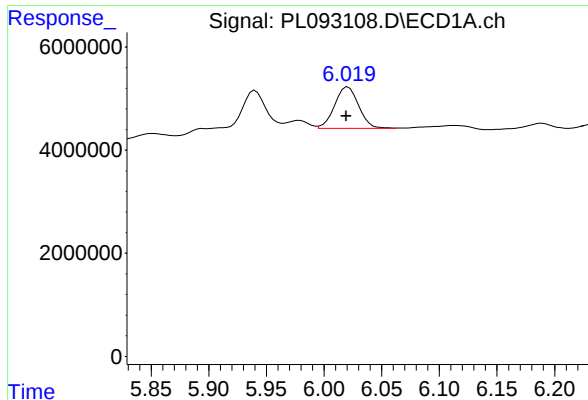
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: -0.002 min
Response: 9742156
Conc: 3.66 ng/ml m



#10 gamma-Chlordane

R.T.: 4.978 min
Delta R.T.: -0.004 min
Response: 7485133
Conc: 2.23 ng/ml m



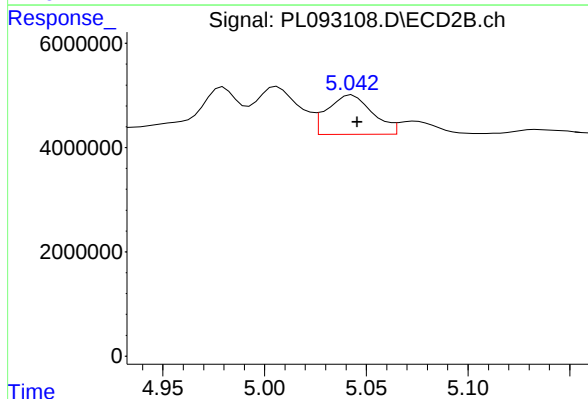
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 11490642
Conc: 4.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-003

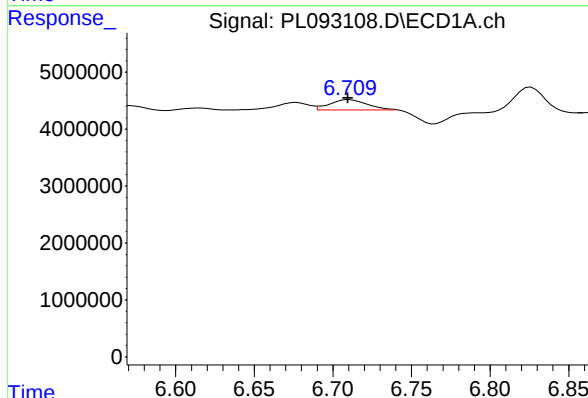
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :Ankita Jodhani 11/19/2024



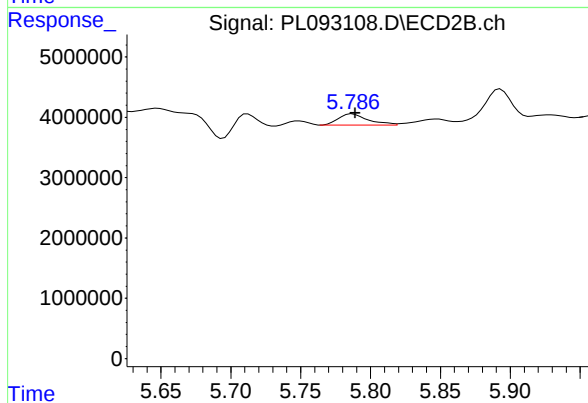
#11 alpha-Chlordane

R.T.: 5.043 min
Delta R.T.: -0.002 min
Response: 11659214
Conc: 3.51 ng/ml



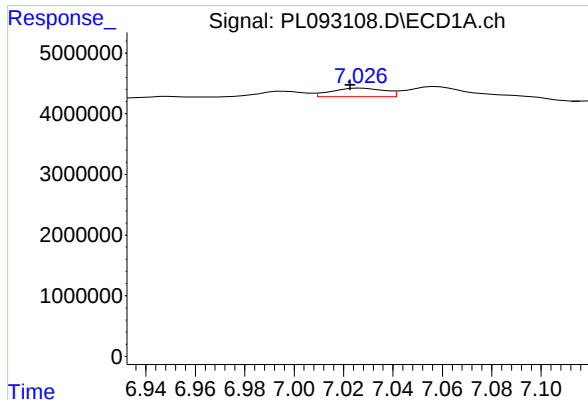
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 2997803
Conc: 1.56 ng/ml m



#16 4,4'-DDD

R.T.: 5.786 min
Delta R.T.: -0.003 min
Response: 2681900
Conc: 1.08 ng/ml m



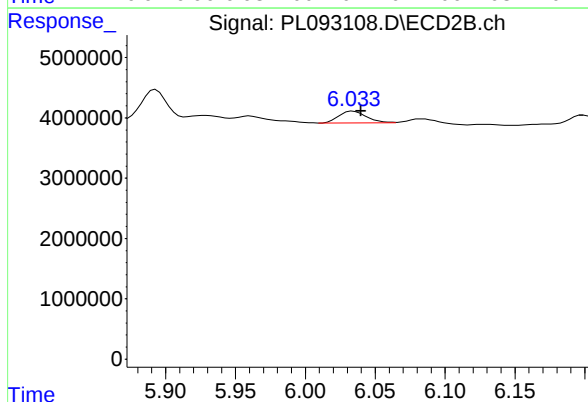
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: 0.003 min
Response: 1975907
Conc: 0.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-003

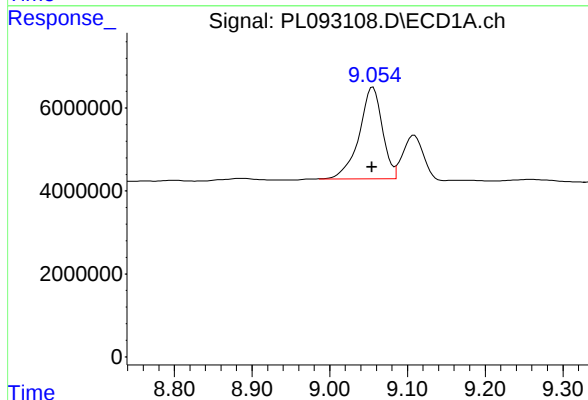
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :Ankita Jodhani 11/19/2024



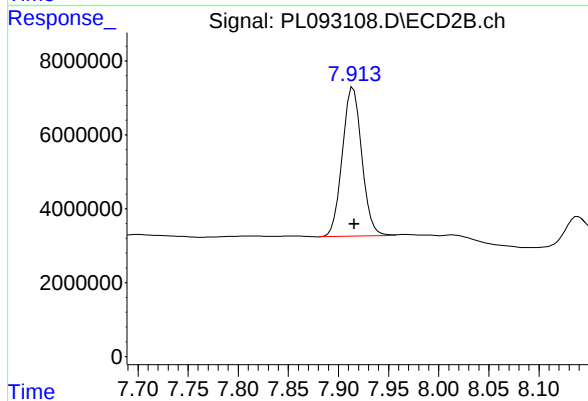
#17 4,4'-DDT

R.T.: 6.033 min
Delta R.T.: -0.007 min
Response: 2710176
Conc: 1.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: 0.000 min
Response: 45786658
Conc: 23.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.915 min
Delta R.T.: -0.001 min
Response: 54405353
Conc: 19.93 ng/ml

Report of Analysis

Client:	Tetra Tech			Date Collected:	11/14/24	
Project:	Ocean County Landfill 2024			Date Received:	11/14/24	
Client Sample ID:	PH2-BOT-004			SDG No.:	P4860	
Lab Sample ID:	P4860-05			Matrix:	SOIL	
Analytical Method:	SW8081			% Solid:	98.1	Decanted:
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	10000	uL
Soil Aliquot Vol:			uL	Test:	Pesticide-TCL	
Extraction Type:				Injection Volume :		
GPC Factor :	1.0	PH :				
Prep Method :	SW3541B					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093109.D	1	11/18/24 08:20	11/18/24 12:52	PB165046

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.18	U	0.18	1.70	ug/kg
319-85-7	beta-BHC	0.50	U	0.50	1.70	ug/kg
319-86-8	delta-BHC	0.48	U	0.48	1.70	ug/kg
58-89-9	gamma-BHC (Lindane)	0.19	U	0.19	1.70	ug/kg
76-44-8	Heptachlor	0.17	U	0.17	1.70	ug/kg
309-00-2	Aldrin	0.14	U	0.14	1.70	ug/kg
1024-57-3	Heptachlor epoxide	0.23	U	0.23	1.70	ug/kg
959-98-8	Endosulfan I	0.17	U	0.17	1.70	ug/kg
60-57-1	Dieldrin	0.15	U	0.15	1.70	ug/kg
72-55-9	4,4-DDE	0.17	J	0.13	1.70	ug/kg
72-20-8	Endrin	0.16	U	0.16	1.70	ug/kg
33213-65-9	Endosulfan II	0.31	U	0.31	1.70	ug/kg
72-54-8	4,4-DDD	0.97	J	0.19	1.70	ug/kg
1031-07-8	Endosulfan Sulfate	0.13	U	0.13	1.70	ug/kg
50-29-3	4,4-DDT	2.20		0.17	1.70	ug/kg
72-43-5	Methoxychlor	0.39	U	0.39	1.70	ug/kg
53494-70-5	Endrin ketone	0.22	U	0.22	1.70	ug/kg
7421-93-4	Endrin aldehyde	0.40	U	0.40	1.70	ug/kg
5103-71-9	alpha-Chlordane	0.65	JP	0.17	1.70	ug/kg
5103-74-2	gamma-Chlordane	0.42	J	0.19	1.70	ug/kg
8001-35-2	Toxaphene	5.30	U	5.30	33.6	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.8		30 (10) - 150 (148)	109%	SPK: 20
877-09-8	Tetrachloro-m-xylene	23.4		30 (10) - 150 (159)	117%	SPK: 20

Report of Analysis

Client:	Tetra Tech		Date Collected:	11/14/24	
Project:	Ocean County Landfill 2024		Date Received:	11/14/24	
Client Sample ID:	PH2-BOT-004		SDG No.:	P4860	
Lab Sample ID:	P4860-05		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	98.1	Decanted:
Sample Wt/Vol:	30.03	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093109.D	1	11/18/24 08:20	11/18/24 12:52	PB165046

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111824\
 Data File : PL093109.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Nov 2024 12:52
 Operator : AR\AJ
 Sample : P4860-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PH2-BOT-004

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :Ankita Jodhani 11/19/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 19 01:26:13 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 18:58:23 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.538	2.778	57302054	60638790	23.386m	22.284
28) SA Decachlor...	9.056	7.915	41951445	56758488	21.798	20.796
Target Compounds						
10) B gamma-Chl...	5.937	4.979	3269651	3549156	1.229m	1.056m
11) B alpha-Chl...	6.020	5.042	5079786	3671019	1.918	1.104m#
12) B 4,4'-DDE	6.189	5.231	1166346	1524860	0.492m	0.473m
16) A 4,4'-DDD	6.708	5.786	5485737	6703865	2.858m	2.692m
17) MA 4,4'-DDT	7.022	6.038	13169960	16891629	6.363m	6.298

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111824\
Data File : PL093109.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2024 12:52
Operator : AR\AJ
Sample : P4860-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PH2-BOT-004

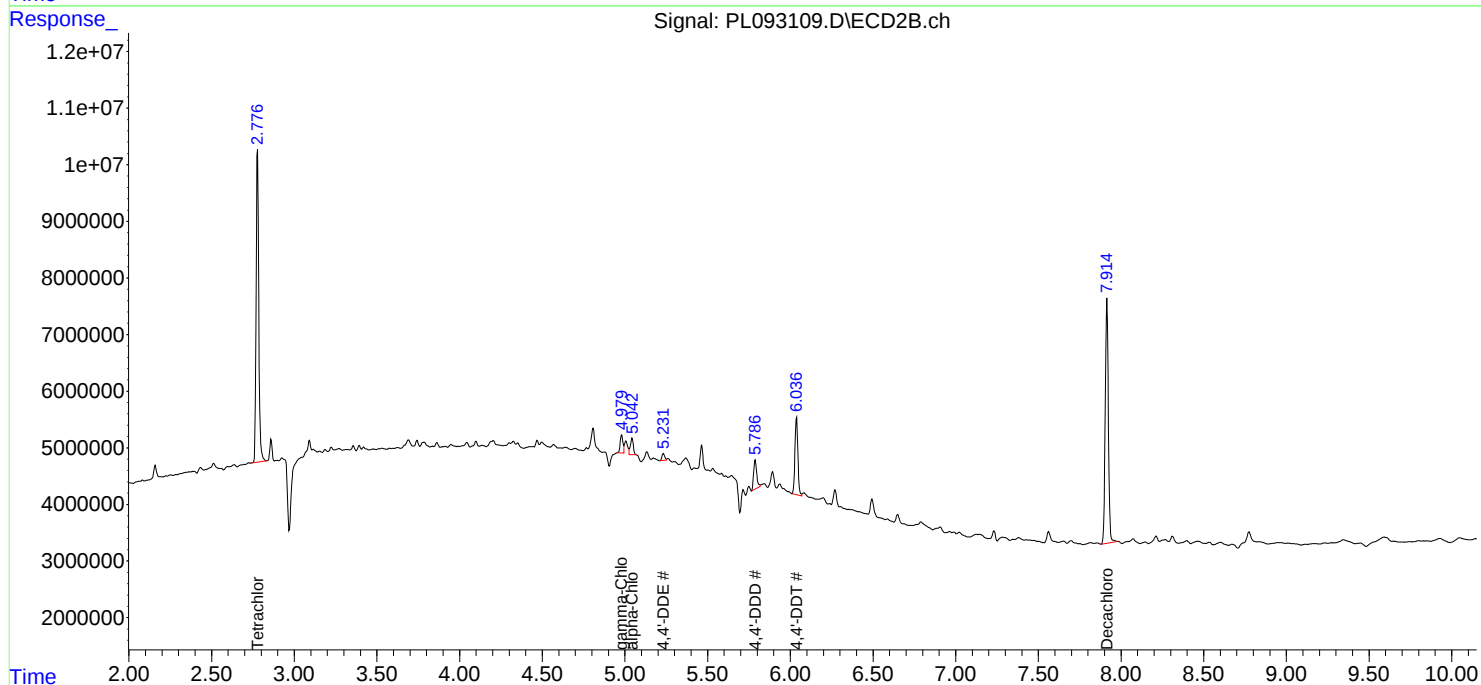
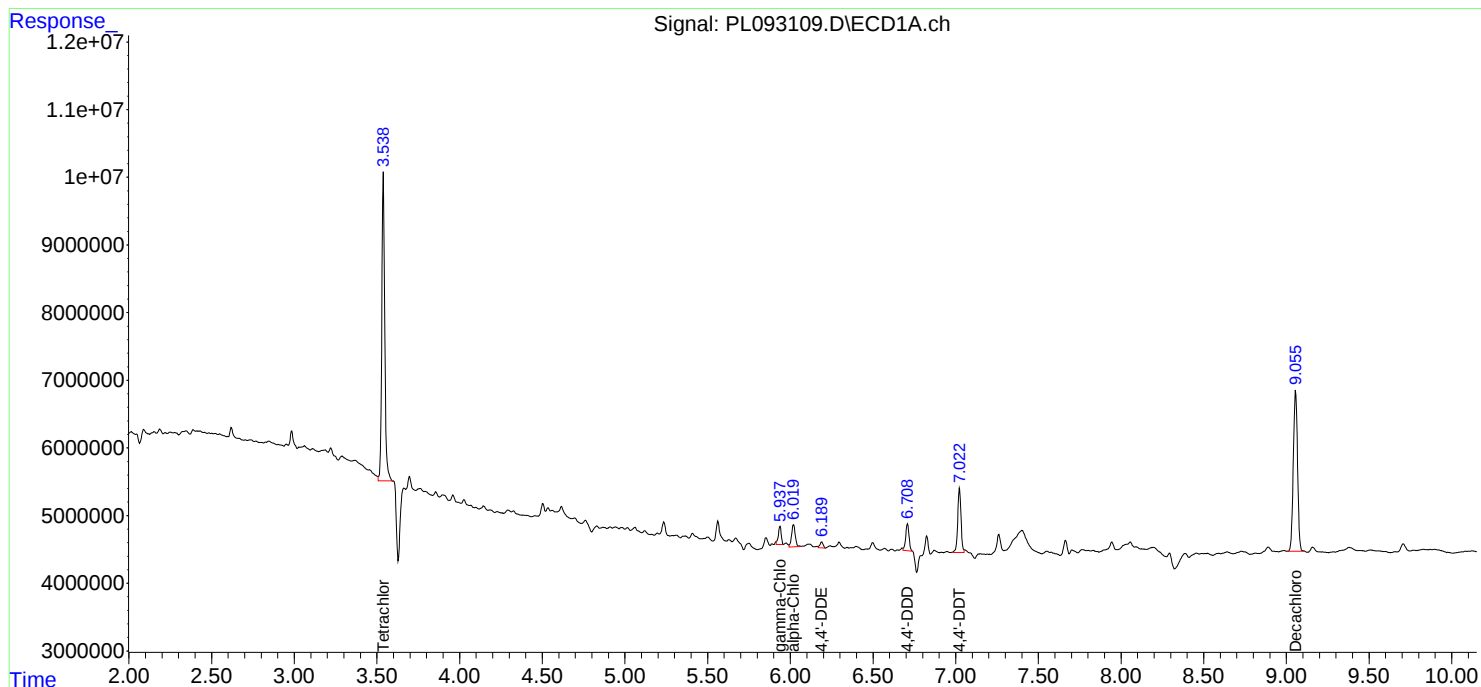
Manual Integrations**APPROVED**

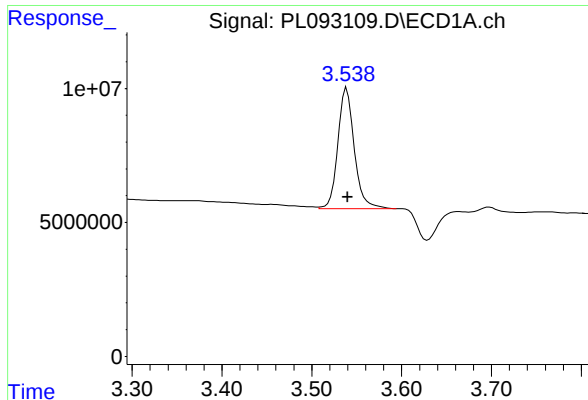
Reviewed By :Yogesh Patel 11/19/2024

Supervised By :Ankita Jodhani 11/19/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 01:26:13 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

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





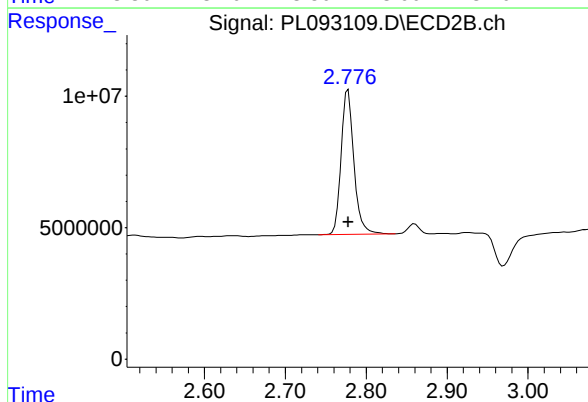
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: -0.002 min
Response: 57302054
Conc: 23.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-004

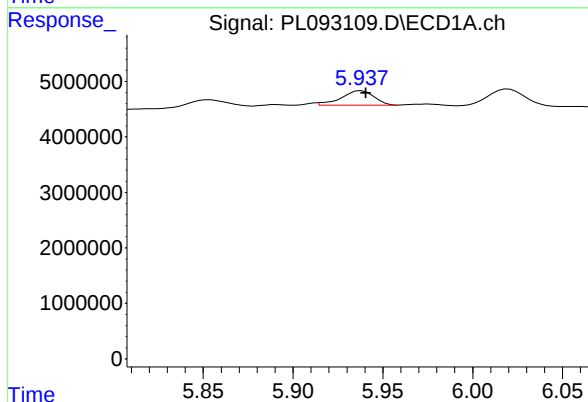
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :Ankita Jodhani 11/19/2024



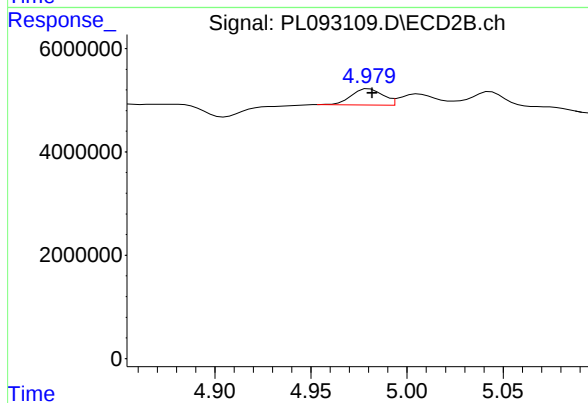
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 60638790
Conc: 22.28 ng/ml



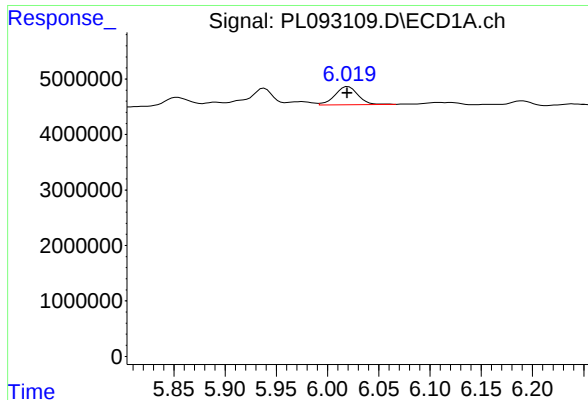
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: -0.004 min
Response: 3269651
Conc: 1.23 ng/ml m



#10 gamma-Chlordane

R.T.: 4.979 min
Delta R.T.: -0.003 min
Response: 3549156
Conc: 1.06 ng/ml m



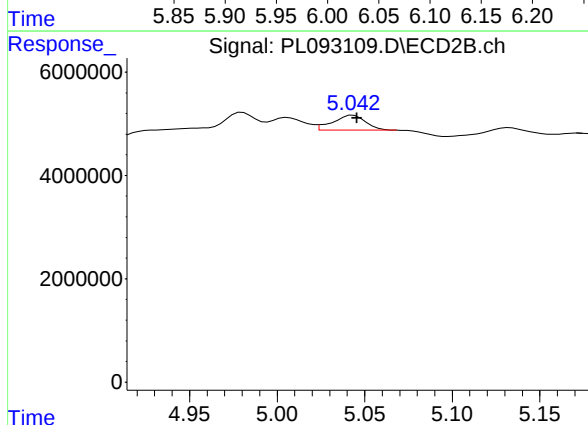
#11 alpha-Chlordane

R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 5079786
Conc: 1.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-004

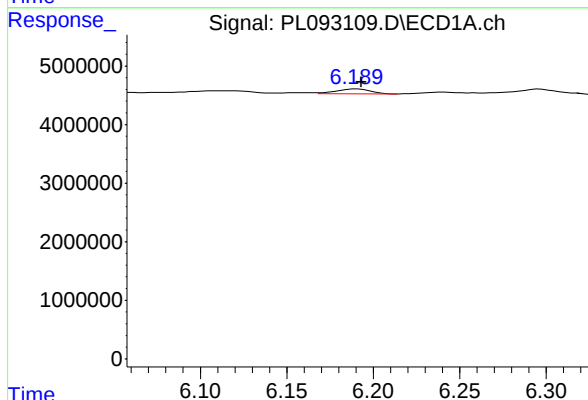
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :Ankita Jodhani 11/19/2024



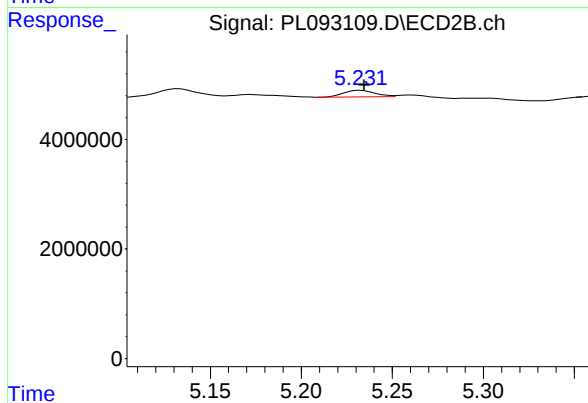
#11 alpha-Chlordane

R.T.: 5.042 min
Delta R.T.: -0.003 min
Response: 3671019
Conc: 1.10 ng/ml



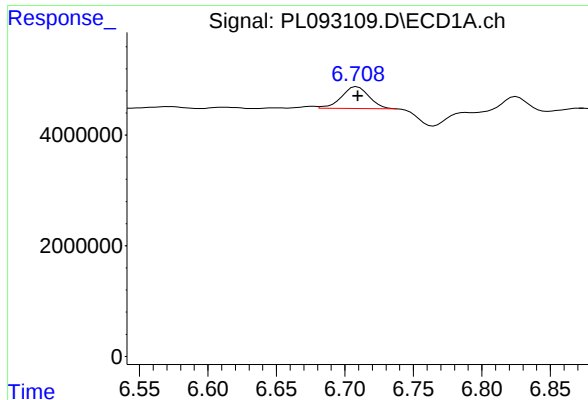
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.004 min
Response: 1166346
Conc: 0.49 ng/ml



#12 4,4'-DDE

R.T.: 5.231 min
Delta R.T.: -0.003 min
Response: 1524860
Conc: 0.47 ng/ml



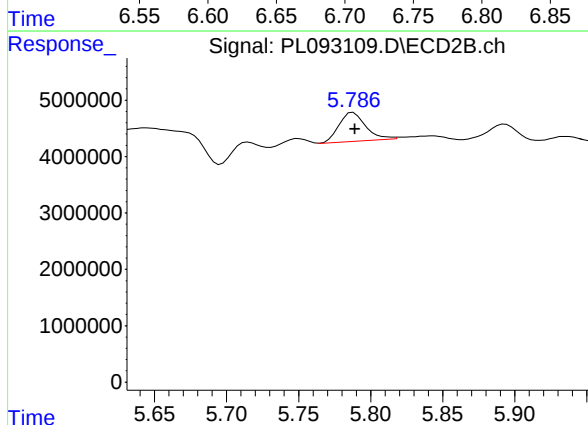
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: -0.002 min
Response: 5485737
Conc: 2.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-004

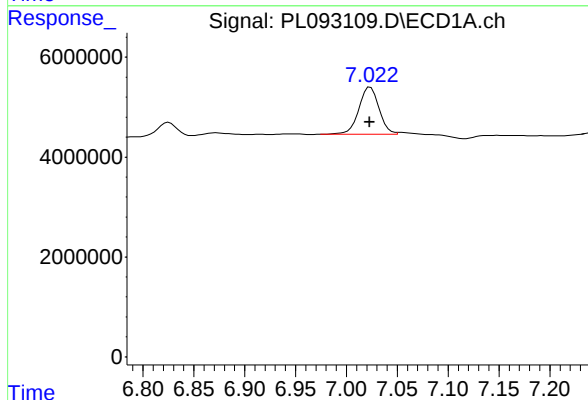
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :Ankita Jodhani 11/19/2024



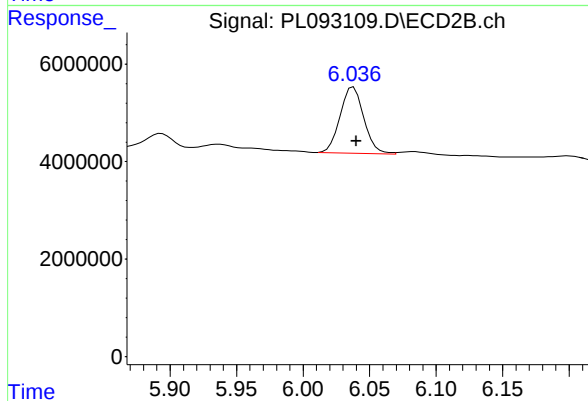
#16 4,4'-DDD

R.T.: 5.786 min
Delta R.T.: -0.003 min
Response: 6703865
Conc: 2.69 ng/ml



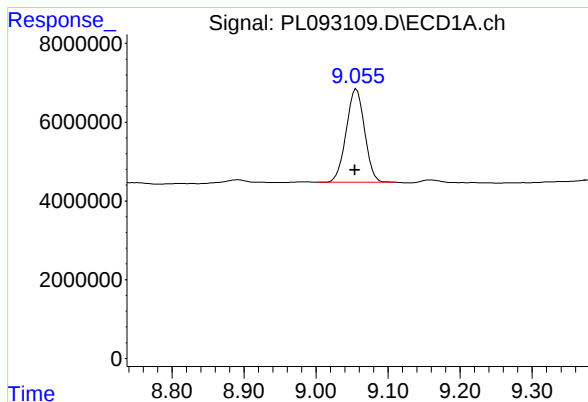
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 13169960
Conc: 6.36 ng/ml



#17 4,4'-DDT

R.T.: 6.038 min
Delta R.T.: -0.002 min
Response: 16891629
Conc: 6.30 ng/ml



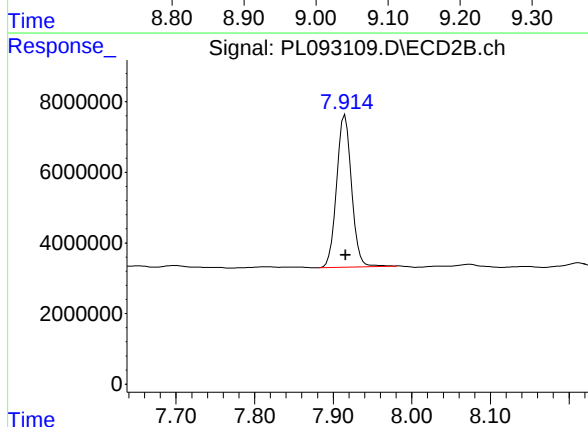
#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: 0.002 min
Response: 41951445
Conc: 21.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-004

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :Ankita Jodhani 11/19/2024



#28 Decachlorobiphenyl

R.T.: 7.915 min
Delta R.T.: 0.000 min
Response: 56758488
Conc: 20.80 ng/ml

Report of Analysis

Client:	Tetra Tech	Date Collected:	11/14/24
Project:	Ocean County Landfill 2024	Date Received:	11/14/24
Client Sample ID:	PH2-BOT-009	SDG No.:	P4860
Lab Sample ID:	P4860-06	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	98.3 Decanted:
Sample Wt/Vol:	30.07 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093113.D	1	11/18/24 08:20	11/18/24 13:45	PB165046

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.18	U	0.18	1.70	ug/kg
319-85-7	beta-BHC	0.50	U	0.50	1.70	ug/kg
319-86-8	delta-BHC	0.48	U	0.48	1.70	ug/kg
58-89-9	gamma-BHC (Lindane)	0.19	U	0.19	1.70	ug/kg
76-44-8	Heptachlor	0.17	U	0.17	1.70	ug/kg
309-00-2	Aldrin	0.14	U	0.14	1.70	ug/kg
1024-57-3	Heptachlor epoxide	0.23	U	0.23	1.70	ug/kg
959-98-8	Endosulfan I	0.17	U	0.17	1.70	ug/kg
60-57-1	Dieldrin	0.15	U	0.15	1.70	ug/kg
72-55-9	4,4-DDE	0.13	U	0.13	1.70	ug/kg
72-20-8	Endrin	0.16	U	0.16	1.70	ug/kg
33213-65-9	Endosulfan II	0.30	U	0.30	1.70	ug/kg
72-54-8	4,4-DDD	0.19	U	0.19	1.70	ug/kg
1031-07-8	Endosulfan Sulfate	0.13	U	0.13	1.70	ug/kg
50-29-3	4,4-DDT	0.17	U	0.17	1.70	ug/kg
72-43-5	Methoxychlor	0.39	U	0.39	1.70	ug/kg
53494-70-5	Endrin ketone	0.22	U	0.22	1.70	ug/kg
7421-93-4	Endrin aldehyde	0.40	U	0.40	1.70	ug/kg
5103-71-9	alpha-Chlordane	0.17	U	0.17	1.70	ug/kg
5103-74-2	gamma-Chlordane	0.19	U	0.19	1.70	ug/kg
8001-35-2	Toxaphene	5.30	U	5.30	33.5	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.9		30 (10) - 150 (148)	110%	SPK: 20
877-09-8	Tetrachloro-m-xylene	23.2		30 (10) - 150 (159)	116%	SPK: 20

Report of Analysis

Client:	Tetra Tech		Date Collected:	11/14/24	
Project:	Ocean County Landfill 2024		Date Received:	11/14/24	
Client Sample ID:	PH2-BOT-009		SDG No.:	P4860	
Lab Sample ID:	P4860-06		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	98.3	Decanted:
Sample Wt/Vol:	30.07	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093113.D	1	11/18/24 08:20	11/18/24 13:45	PB165046

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111824\
 Data File : PL093113.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Nov 2024 13:45
 Operator : AR\AJ
 Sample : P4860-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PH2-BOT-009

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/19/2024
 Supervised By :Ankita Jodhani 11/19/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 19 01:27:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 18:58:23 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.538	2.777	56737259	61564675	23.156m	22.624
28) SA Decachlor...	9.055	7.915	41930952	59898914	21.787	21.947

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111824\
Data File : PL093113.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2024 13:45
Operator : AR\AJ
Sample : P4860-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PH2-BOT-009

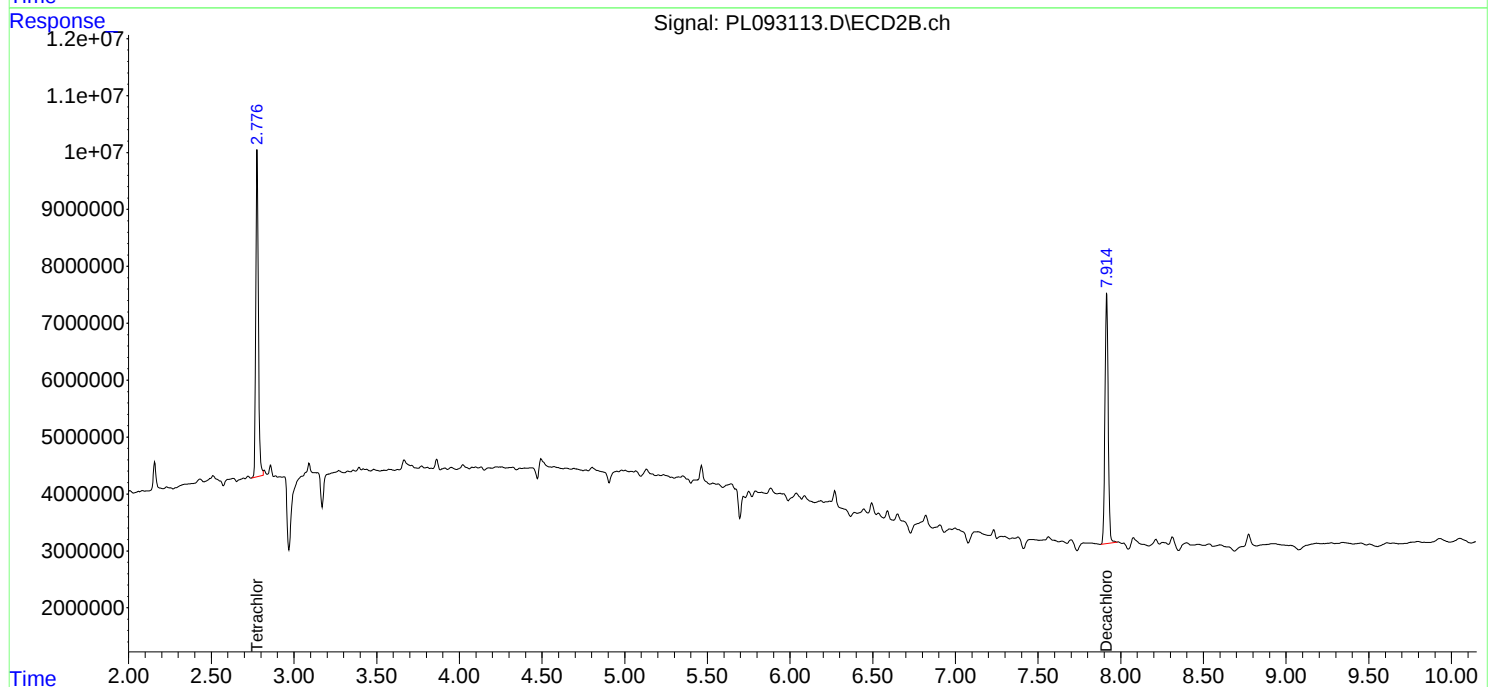
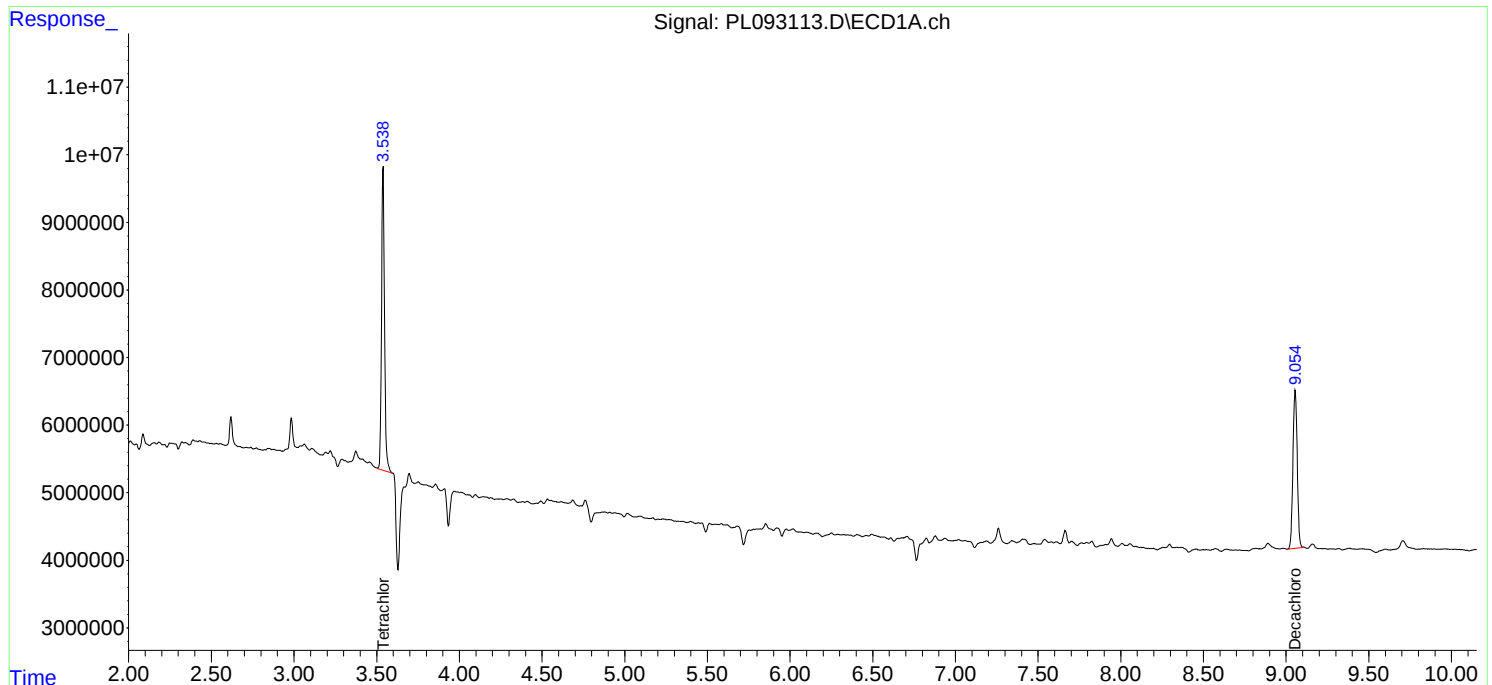
Manual Integrations**APPROVED**

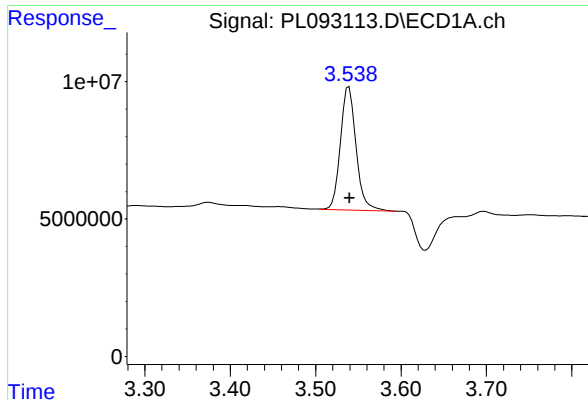
Reviewed By :Yogesh Patel 11/19/2024

Supervised By :Ankita Jodhani 11/19/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 01:27:36 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

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





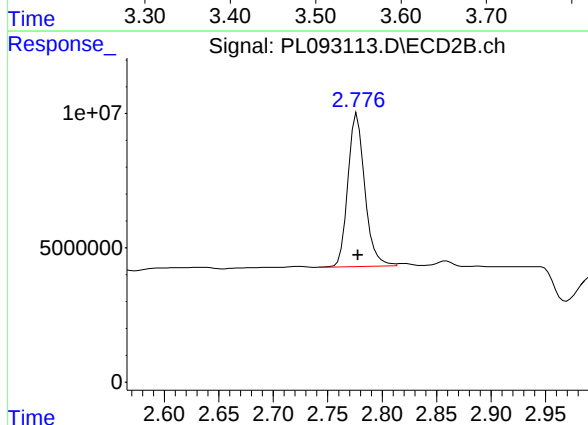
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: -0.002 min
Response: 56737259
Conc: 23.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-009

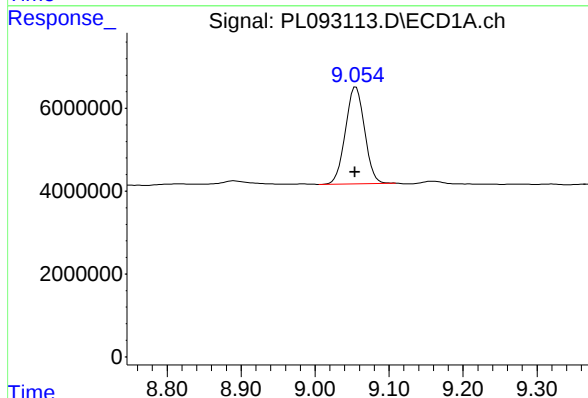
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :Ankita Jodhani 11/19/2024



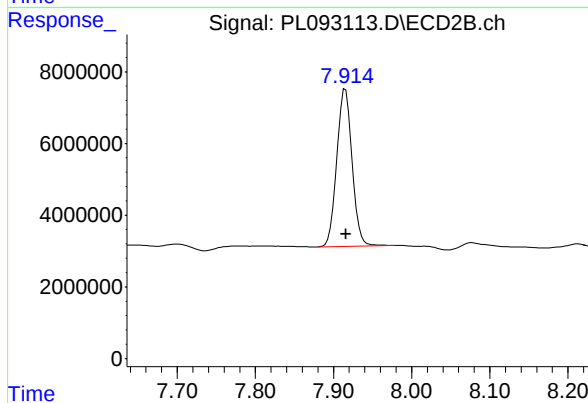
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: 0.000 min
Response: 61564675
Conc: 22.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: 0.001 min
Response: 41930952
Conc: 21.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.915 min
Delta R.T.: 0.000 min
Response: 59898914
Conc: 21.95 ng/ml

Report of Analysis

Client:	Tetra Tech		Date Collected:	11/14/24	
Project:	Ocean County Landfill 2024		Date Received:	11/14/24	
Client Sample ID:	PH2-BOT-008		SDG No.:	P4860	
Lab Sample ID:	P4860-07		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	96.8	Decanted:
Sample Wt/Vol:	30.06	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093145.D	1	11/18/24 08:20	11/19/24 15:11	PB165046

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.19	U	0.19	1.80	ug/kg
319-85-7	beta-BHC	0.51	U	0.51	1.80	ug/kg
319-86-8	delta-BHC	0.48	U	0.48	1.80	ug/kg
58-89-9	gamma-BHC (Lindane)	0.20	U	0.20	1.80	ug/kg
76-44-8	Heptachlor	0.18	U	0.18	1.80	ug/kg
309-00-2	Aldrin	0.14	U	0.14	1.80	ug/kg
1024-57-3	Heptachlor epoxide	0.24	U	0.24	1.80	ug/kg
959-98-8	Endosulfan I	0.18	U	0.18	1.80	ug/kg
60-57-1	Dieldrin	0.15	U	0.15	1.80	ug/kg
72-55-9	4,4-DDE	0.13	U	0.13	1.80	ug/kg
72-20-8	Endrin	0.17	U	0.17	1.80	ug/kg
33213-65-9	Endosulfan II	0.31	U	0.31	1.80	ug/kg
72-54-8	4,4-DDD	2.10	P	0.20	1.80	ug/kg
1031-07-8	Endosulfan Sulfate	0.13	U	0.13	1.80	ug/kg
50-29-3	4,4-DDT	0.87	JP	0.18	1.80	ug/kg
72-43-5	Methoxychlor	0.39	U	0.39	1.80	ug/kg
53494-70-5	Endrin ketone	0.23	U	0.23	1.80	ug/kg
7421-93-4	Endrin aldehyde	0.40	U	0.40	1.80	ug/kg
5103-71-9	alpha-Chlordane	1.40	JP	0.18	1.80	ug/kg
5103-74-2	gamma-Chlordane	1.30	JP	0.20	1.80	ug/kg
8001-35-2	Toxaphene	5.40	U	5.40	34.0	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.4		30 (10) - 150 (148)	97%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.7		30 (10) - 150 (159)	104%	SPK: 20

Report of Analysis

Client:	Tetra Tech		Date Collected:	11/14/24	
Project:	Ocean County Landfill 2024		Date Received:	11/14/24	
Client Sample ID:	PH2-BOT-008		SDG No.:	P4860	
Lab Sample ID:	P4860-07		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	96.8	Decanted:
Sample Wt/Vol:	30.06	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093145.D	1	11/18/24 08:20	11/19/24 15:11	PB165046

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
 Data File : PL093145.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Nov 2024 15:11
 Operator : AR\AJ
 Sample : P4860-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PH2-BOT-008

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/20/2024

Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 19 23:05:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 18:58:23 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.535	2.774	49808655	56374158	20.328m	20.717
28)	SA Decachlor...	9.054	7.914	34308855	52845627	17.827	19.363
Target Compounds							
10)	B gamma-Chl...	5.937	4.977	10009906	7150328	3.762	2.127m#
11)	B alpha-Chl...	6.019	5.040	10450038	6517432	3.946	1.960m#
16)	A 4,4'-DDD	6.706	5.785	11852609	10348087	6.175m	4.156m#
17)	MA 4,4'-DDT	7.021	6.034	3641175	6805329	1.759m	2.537 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
Data File : PL093145.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2024 15:11
Operator : AR\AJ
Sample : P4860-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PH2-BOT-008

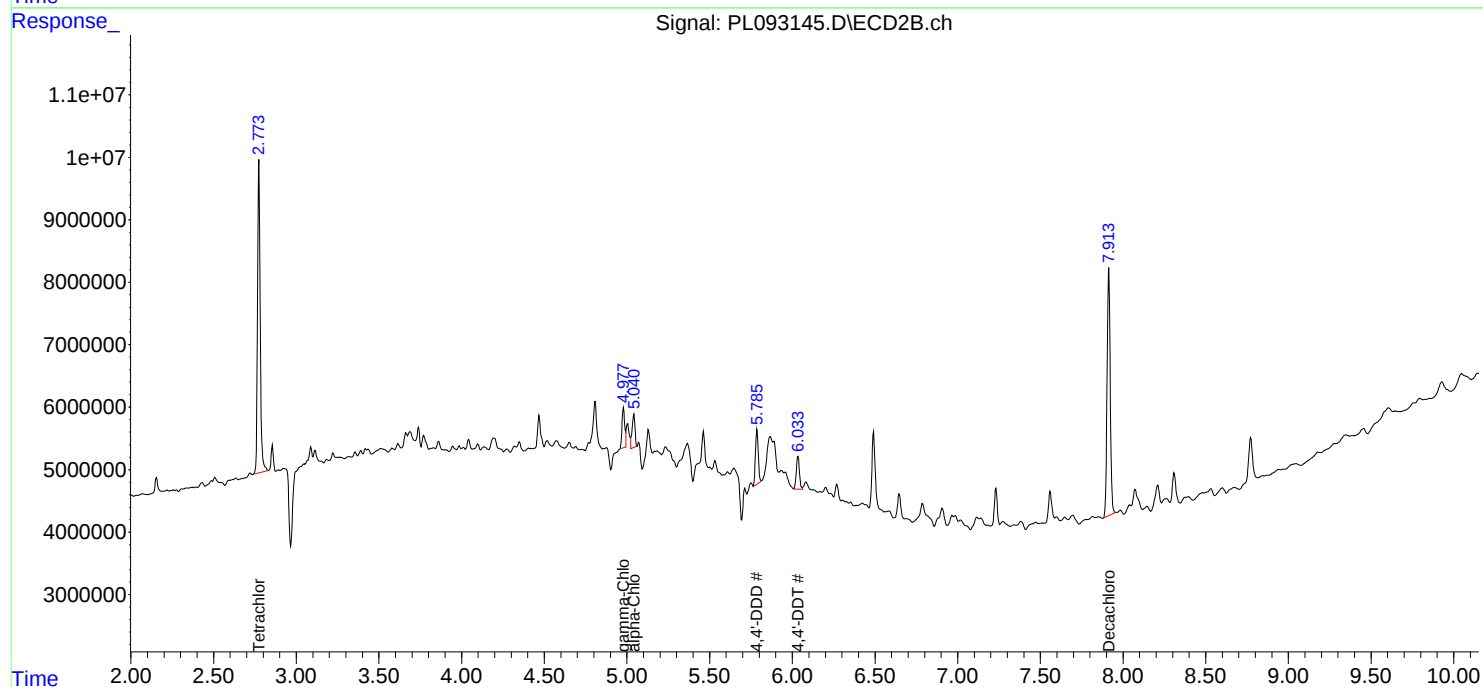
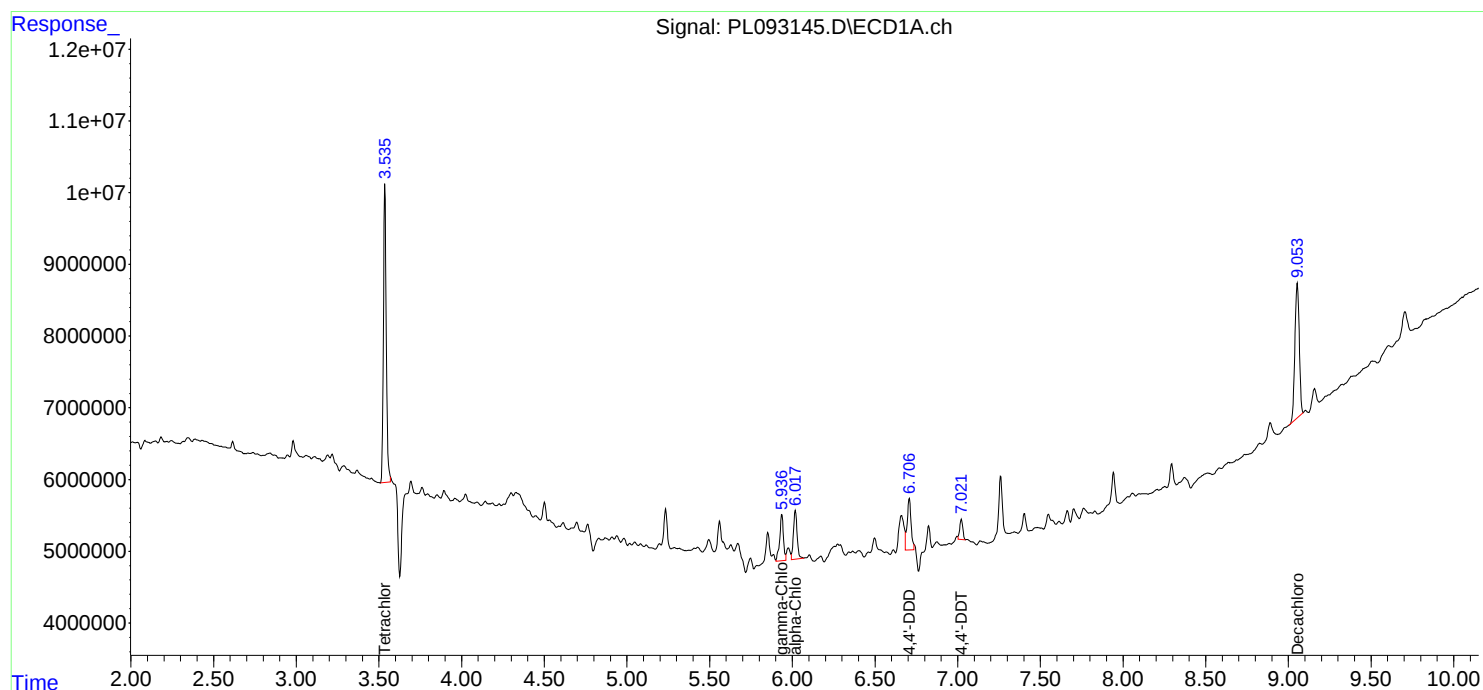
Manual Integrations**APPROVED**

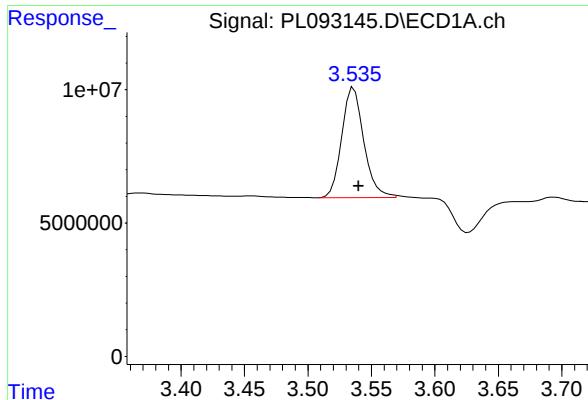
Reviewed By :Yogesh Patel 11/20/2024

Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 23:05:11 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

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





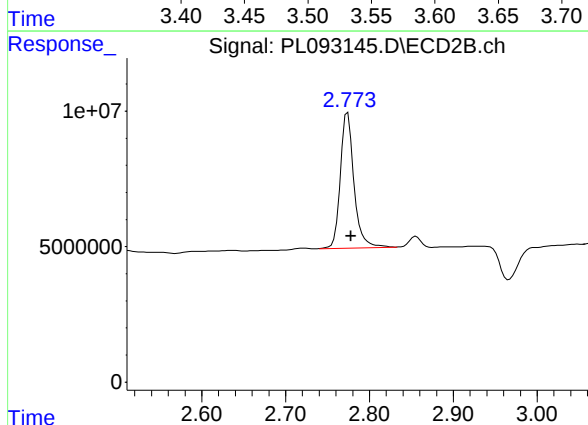
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: -0.005 min
Response: 49808655
Conc: 20.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-008

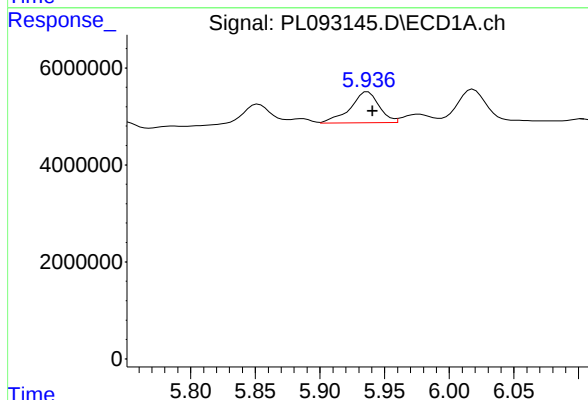
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024



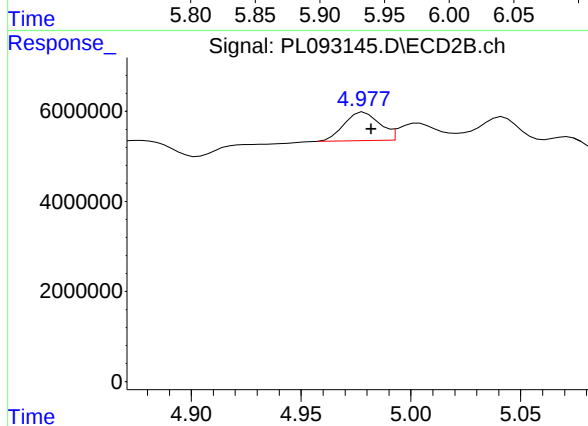
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: -0.004 min
Response: 56374158
Conc: 20.72 ng/ml



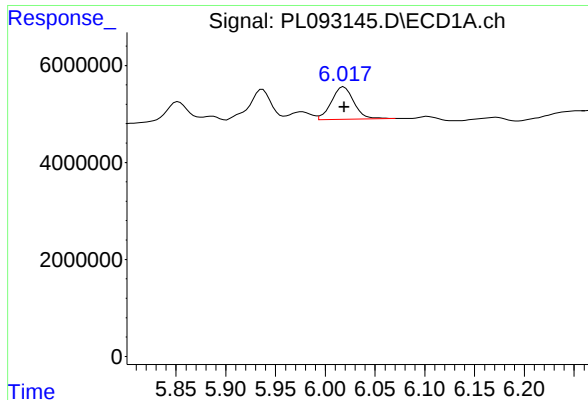
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: -0.004 min
Response: 10009906
Conc: 3.76 ng/ml



#10 gamma-Chlordane

R.T.: 4.977 min
Delta R.T.: -0.005 min
Response: 7150328
Conc: 2.13 ng/ml m



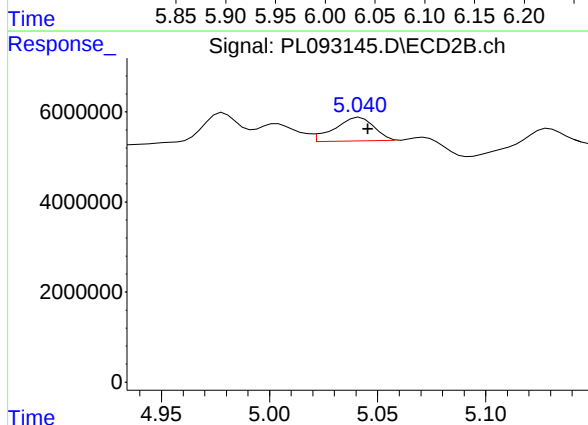
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 10450038
Conc: 3.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-008

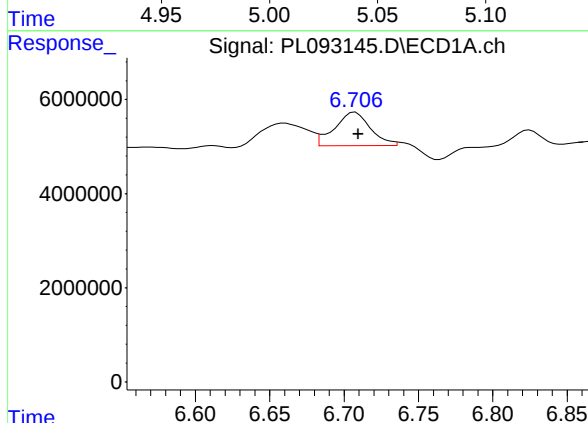
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024



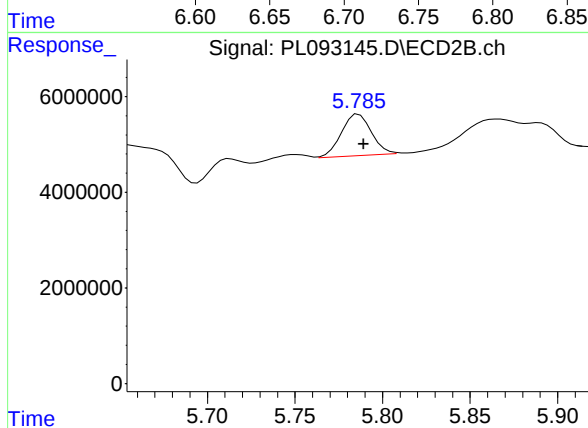
#11 alpha-Chlordane

R.T.: 5.040 min
Delta R.T.: -0.005 min
Response: 6517432
Conc: 1.96 ng/ml m



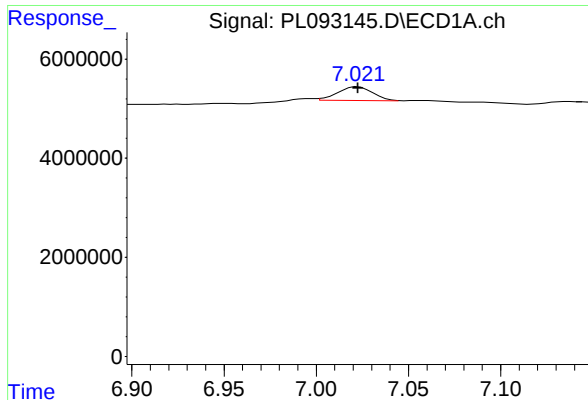
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: -0.003 min
Response: 11852609
Conc: 6.17 ng/ml m



#16 4,4'-DDD

R.T.: 5.785 min
Delta R.T.: -0.004 min
Response: 10348087
Conc: 4.16 ng/ml m



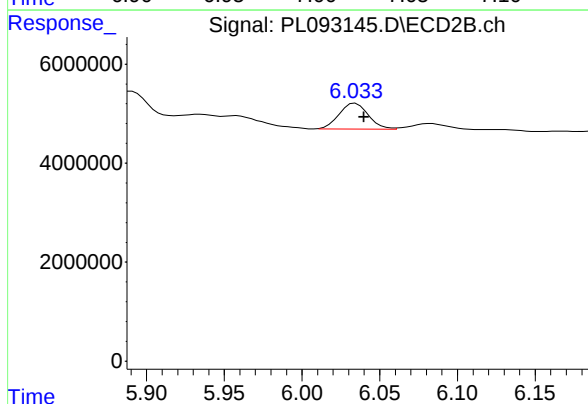
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: -0.001 min
Response: 3641175
Conc: 1.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-008

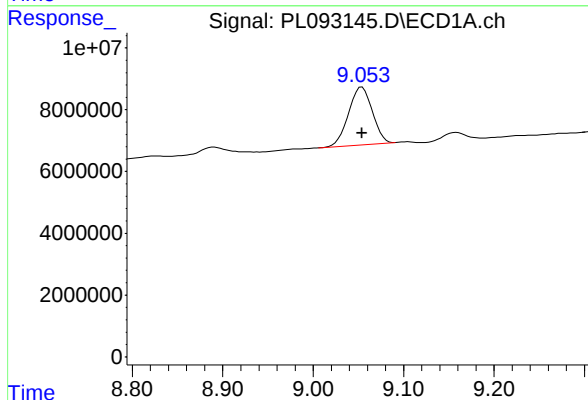
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024



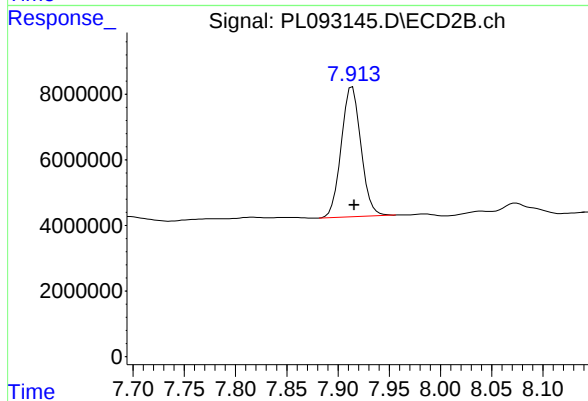
#17 4,4'-DDT

R.T.: 6.034 min
Delta R.T.: -0.005 min
Response: 6805329
Conc: 2.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: 0.000 min
Response: 34308855
Conc: 17.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.914 min
Delta R.T.: -0.002 min
Response: 52845627
Conc: 19.36 ng/ml

Report of Analysis

Client:	Tetra Tech	Date Collected:	11/14/24
Project:	Ocean County Landfill 2024	Date Received:	11/14/24
Client Sample ID:	PH2-BOT-007	SDG No.:	P4860
Lab Sample ID:	P4860-08	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	98 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093146.D	1	11/18/24 08:20	11/19/24 15:24	PB165046

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.18	U	0.18	1.70	ug/kg
319-85-7	beta-BHC	0.50	U	0.50	1.70	ug/kg
319-86-8	delta-BHC	0.48	U	0.48	1.70	ug/kg
58-89-9	gamma-BHC (Lindane)	0.19	U	0.19	1.70	ug/kg
76-44-8	Heptachlor	0.17	U	0.17	1.70	ug/kg
309-00-2	Aldrin	0.14	U	0.14	1.70	ug/kg
1024-57-3	Heptachlor epoxide	0.23	U	0.23	1.70	ug/kg
959-98-8	Endosulfan I	0.17	U	0.17	1.70	ug/kg
60-57-1	Dieldrin	0.15	U	0.15	1.70	ug/kg
72-55-9	4,4-DDE	0.48	J	0.13	1.70	ug/kg
72-20-8	Endrin	0.16	U	0.16	1.70	ug/kg
33213-65-9	Endosulfan II	0.31	U	0.31	1.70	ug/kg
72-54-8	4,4-DDD	1.00	J	0.19	1.70	ug/kg
1031-07-8	Endosulfan Sulfate	0.13	U	0.13	1.70	ug/kg
50-29-3	4,4-DDT	1.70	P	0.17	1.70	ug/kg
72-43-5	Methoxychlor	0.39	U	0.39	1.70	ug/kg
53494-70-5	Endrin ketone	0.22	U	0.22	1.70	ug/kg
7421-93-4	Endrin aldehyde	0.40	U	0.40	1.70	ug/kg
5103-71-9	alpha-Chlordane	0.17	U	0.17	1.70	ug/kg
5103-74-2	gamma-Chlordane	0.19	U	0.19	1.70	ug/kg
8001-35-2	Toxaphene	5.30	U	5.30	33.7	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.3		30 (10) - 150 (148)	87%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16.9		30 (10) - 150 (159)	85%	SPK: 20

Report of Analysis

Client:	Tetra Tech		Date Collected:	11/14/24	
Project:	Ocean County Landfill 2024		Date Received:	11/14/24	
Client Sample ID:	PH2-BOT-007		SDG No.:	P4860	
Lab Sample ID:	P4860-08		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	98	Decanted:
Sample Wt/Vol:	30.01	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093146.D	1	11/18/24 08:20	11/19/24 15:24	PB165046

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	------------	-------

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
 Data File : PL093146.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Nov 2024 15:24
 Operator : AR\AJ
 Sample : P4860-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PH2-BOT-007

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/20/2024

Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 19 23:06:09 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 18:58:23 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.534	2.774	40200501	46134149	16.407m	16.954
28) SA Decachlor...	9.053	7.913	31217356	47242121	16.221	17.310
Target Compounds						
12) B 4,4'-DDE	6.190	5.230	3319438	4265642	1.401	1.324m
16) A 4,4'-DDD	6.707	5.784	5757426	6503064	2.999m	2.612m
17) MA 4,4'-DDT	7.026	6.033	10160828	3042346	4.909m	1.134m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
Data File : PL093146.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2024 15:24
Operator : AR\AJ
Sample : P4860-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PH2-BOT-007

Manual Integrations

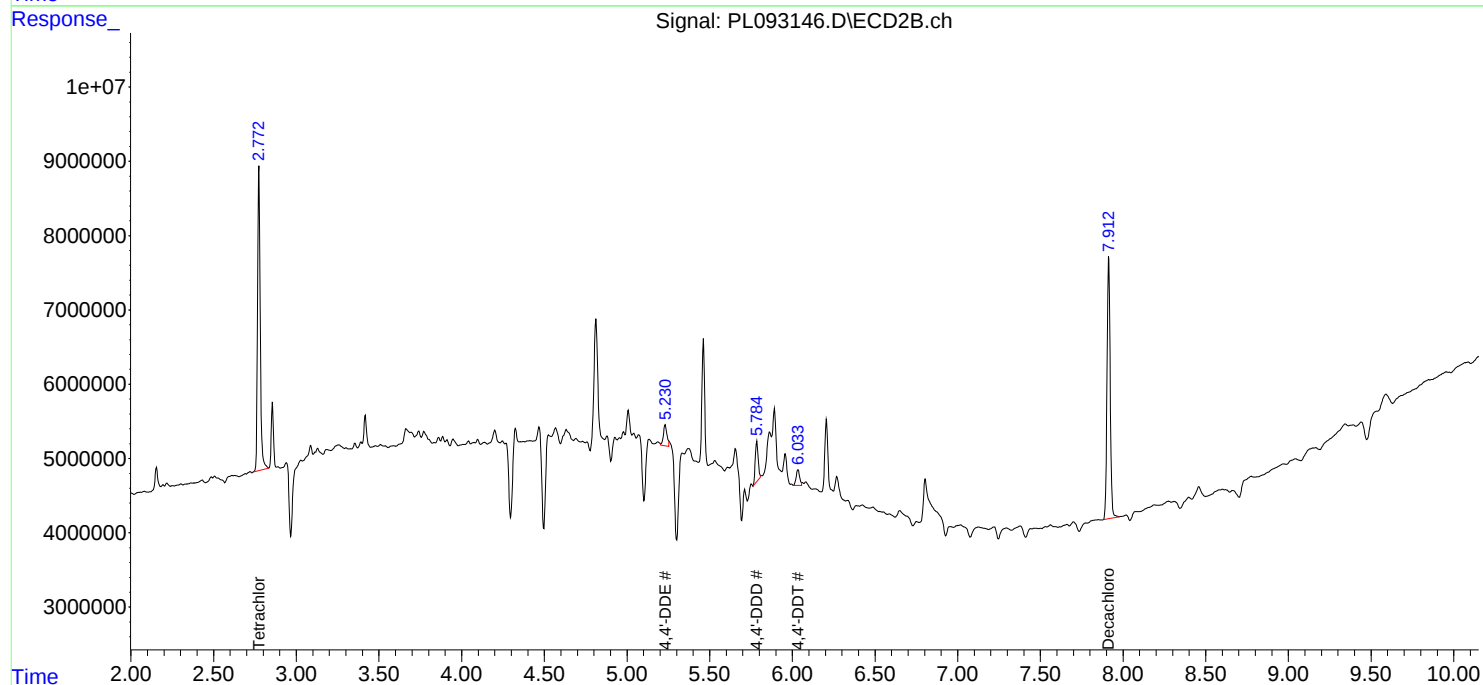
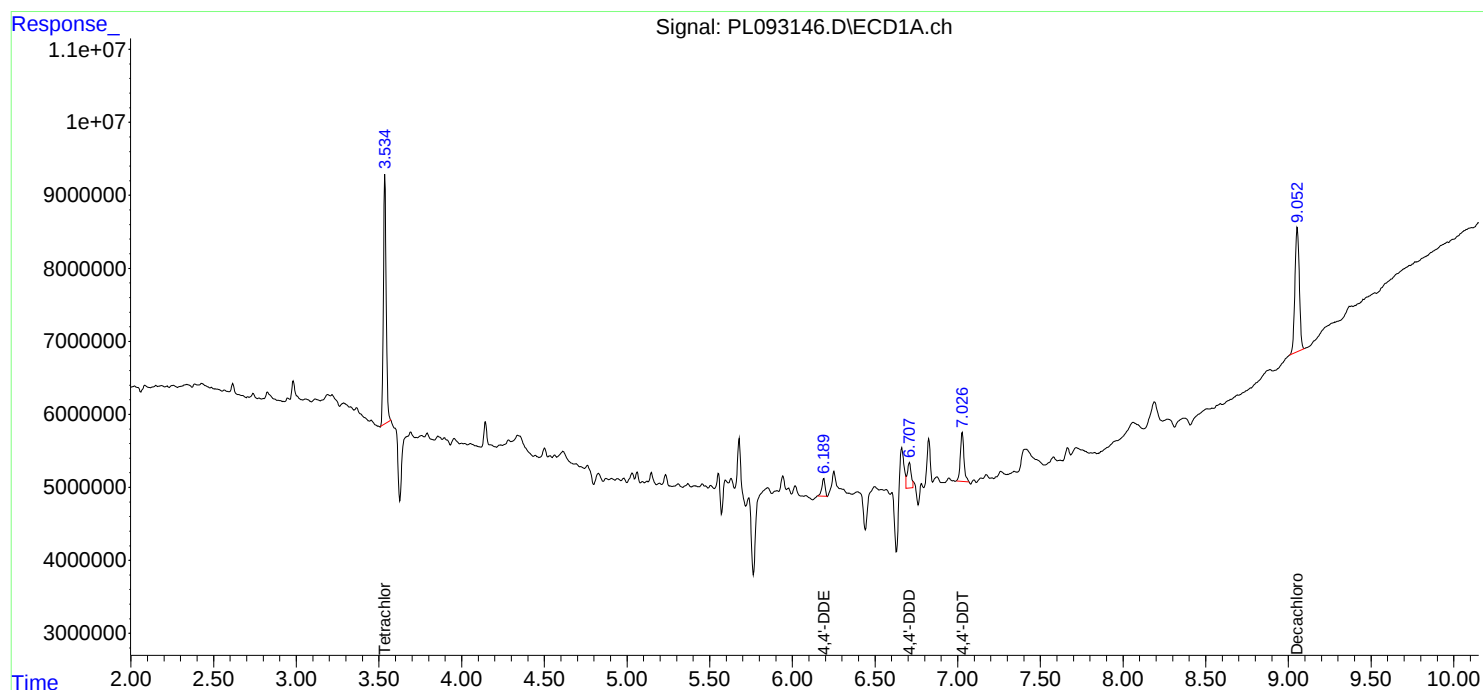
APPROVED

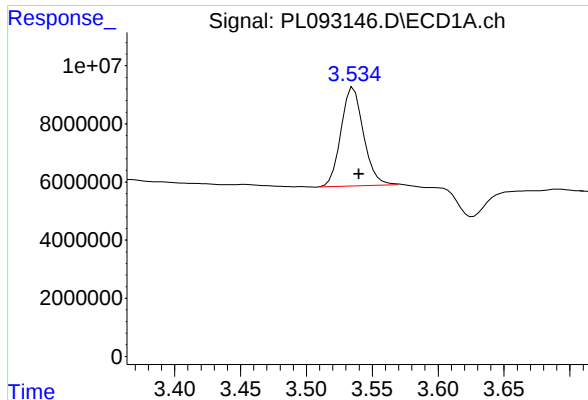
Reviewed By :Yogesh Patel 11/20/2024

Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 23:06:09 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

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





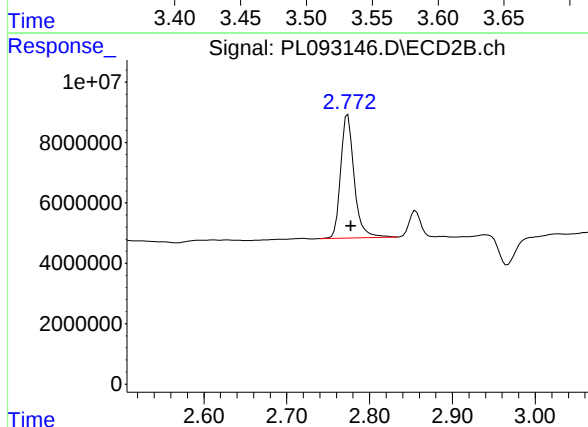
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.006 min
Response: 40200501
Conc: 16.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-007

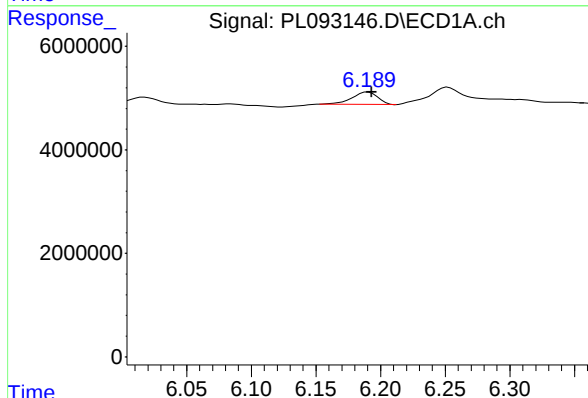
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024



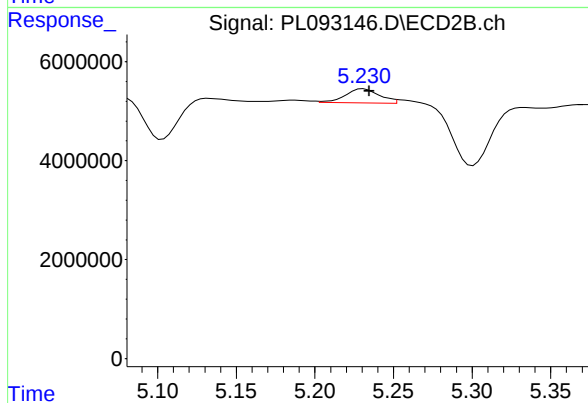
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: -0.004 min
Response: 46134149
Conc: 16.95 ng/ml



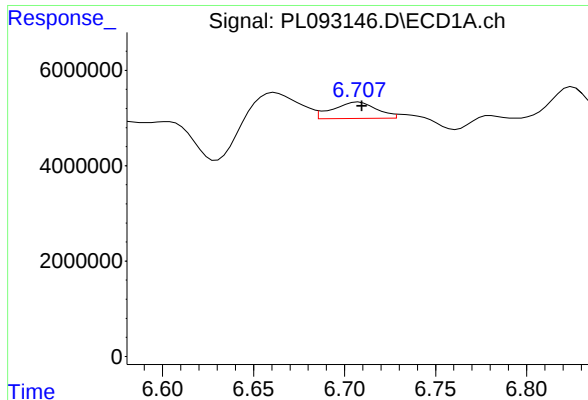
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: -0.003 min
Response: 3319438
Conc: 1.40 ng/ml



#12 4,4'-DDE

R.T.: 5.230 min
Delta R.T.: -0.005 min
Response: 4265642
Conc: 1.32 ng/ml m



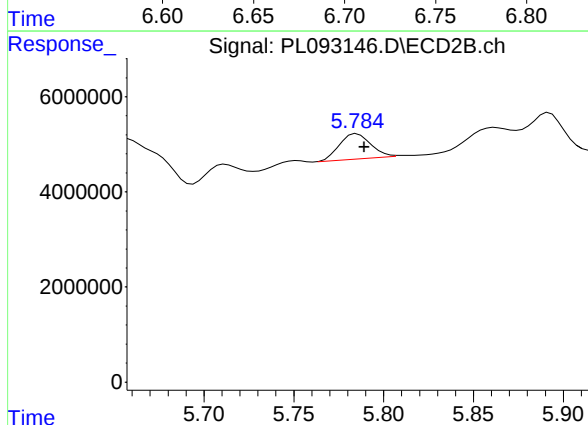
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: -0.003 min
Response: 5757426
Conc: 3.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-007

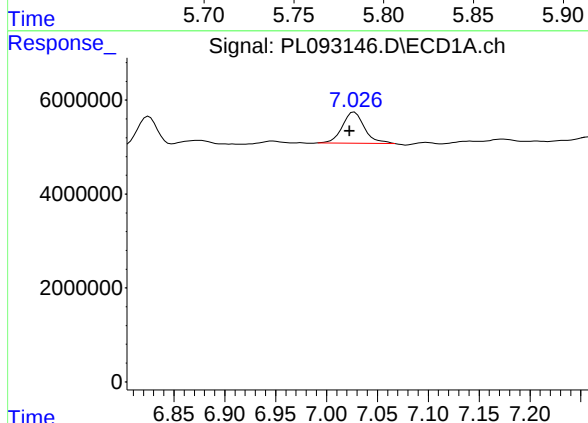
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024



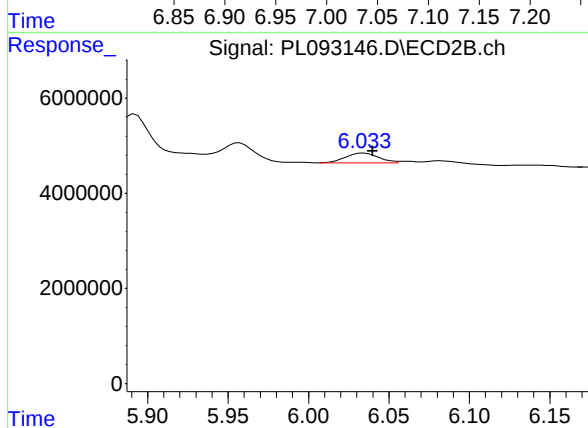
#16 4,4'-DDD

R.T.: 5.784 min
Delta R.T.: -0.005 min
Response: 6503064
Conc: 2.61 ng/ml



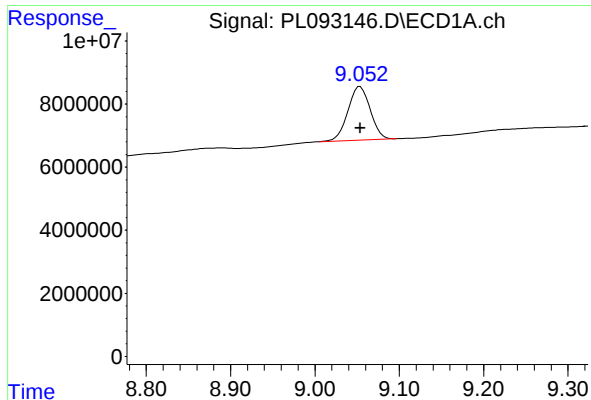
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: 0.003 min
Response: 10160828
Conc: 4.91 ng/ml



#17 4,4'-DDT

R.T.: 6.033 min
Delta R.T.: -0.007 min
Response: 3042346
Conc: 1.13 ng/ml



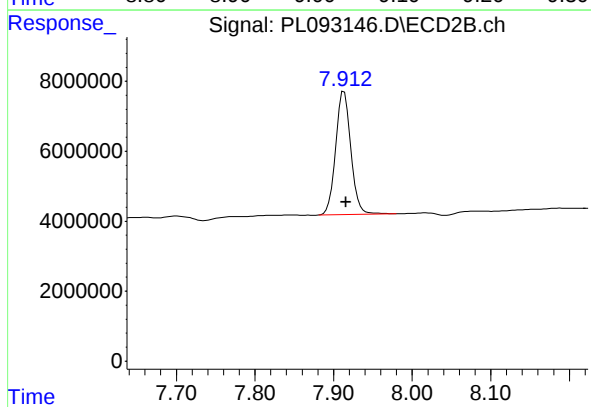
#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: 0.000 min
Response: 31217356
Conc: 16.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-007

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024



#28 Decachlorobiphenyl

R.T.: 7.913 min
Delta R.T.: -0.002 min
Response: 47242121
Conc: 17.31 ng/ml

Report of Analysis

Client:	Tetra Tech	Date Collected:	11/14/24
Project:	Ocean County Landfill 2024	Date Received:	11/14/24
Client Sample ID:	PH2-BOT-006	SDG No.:	P4860
Lab Sample ID:	P4860-09	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	97.5 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093143.D	1	11/18/24 08:20	11/19/24 14:44	PB165046

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.18	U	0.18	1.70	ug/kg
319-85-7	beta-BHC	0.50	U	0.50	1.70	ug/kg
319-86-8	delta-BHC	0.48	U	0.48	1.70	ug/kg
58-89-9	gamma-BHC (Lindane)	0.19	U	0.19	1.70	ug/kg
76-44-8	Heptachlor	0.17	U	0.17	1.70	ug/kg
309-00-2	Aldrin	0.14	U	0.14	1.70	ug/kg
1024-57-3	Heptachlor epoxide	0.24	U	0.24	1.70	ug/kg
959-98-8	Endosulfan I	0.17	U	0.17	1.70	ug/kg
60-57-1	Dieldrin	0.15	U	0.15	1.70	ug/kg
72-55-9	4,4-DDE	0.13	U	0.13	1.70	ug/kg
72-20-8	Endrin	0.16	U	0.16	1.70	ug/kg
33213-65-9	Endosulfan II	0.31	U	0.31	1.70	ug/kg
72-54-8	4,4-DDD	0.19	U	0.19	1.70	ug/kg
1031-07-8	Endosulfan Sulfate	0.13	U	0.13	1.70	ug/kg
50-29-3	4,4-DDT	0.17	U	0.17	1.70	ug/kg
72-43-5	Methoxychlor	0.39	U	0.39	1.70	ug/kg
53494-70-5	Endrin ketone	0.23	U	0.23	1.70	ug/kg
7421-93-4	Endrin aldehyde	0.40	U	0.40	1.70	ug/kg
5103-71-9	alpha-Chlordane	0.17	U	0.17	1.70	ug/kg
5103-74-2	gamma-Chlordane	0.19	U	0.19	1.70	ug/kg
8001-35-2	Toxaphene	5.30	U	5.30	33.8	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	18.5		30 (10) - 150 (148)	93%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.1		30 (10) - 150 (159)	100%	SPK: 20

Report of Analysis

Client:	Tetra Tech		Date Collected:	11/14/24	
Project:	Ocean County Landfill 2024		Date Received:	11/14/24	
Client Sample ID:	PH2-BOT-006		SDG No.:	P4860	
Lab Sample ID:	P4860-09		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	97.5	Decanted:
Sample Wt/Vol:	30.04	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093143.D	1	11/18/24 08:20	11/19/24 14:44	PB165046

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	------------	-------

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
 Data File : PL093143.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Nov 2024 14:44
 Operator : AR\AJ
 Sample : P4860-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PH2-BOT-006

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/20/2024
 Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 19 23:03:26 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 18:58:23 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.534	2.774	48353135	54676961	19.734m	20.093
28) SA Decachlor...	9.053	7.913	33218459	50507456	17.260	18.506

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
Data File : PL093143.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2024 14:44
Operator : AR\AJ
Sample : P4860-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PH2-BOT-006

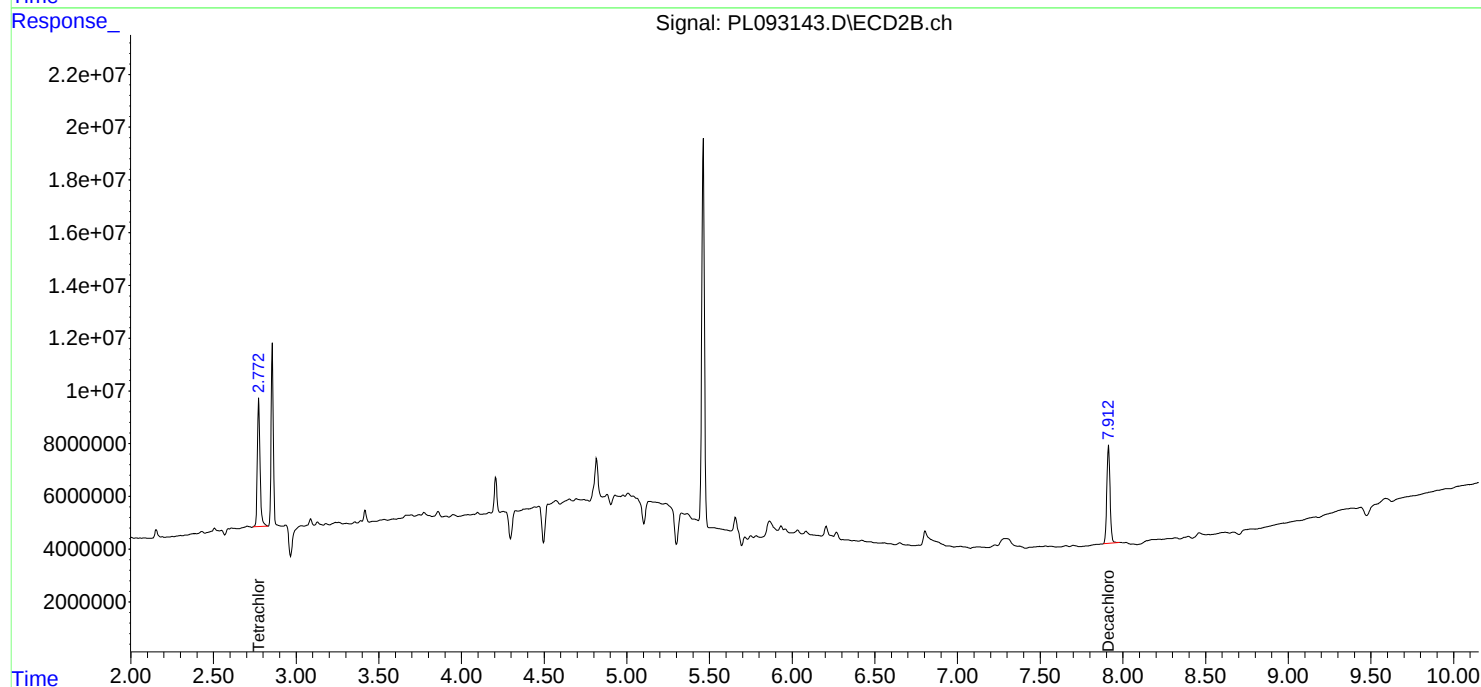
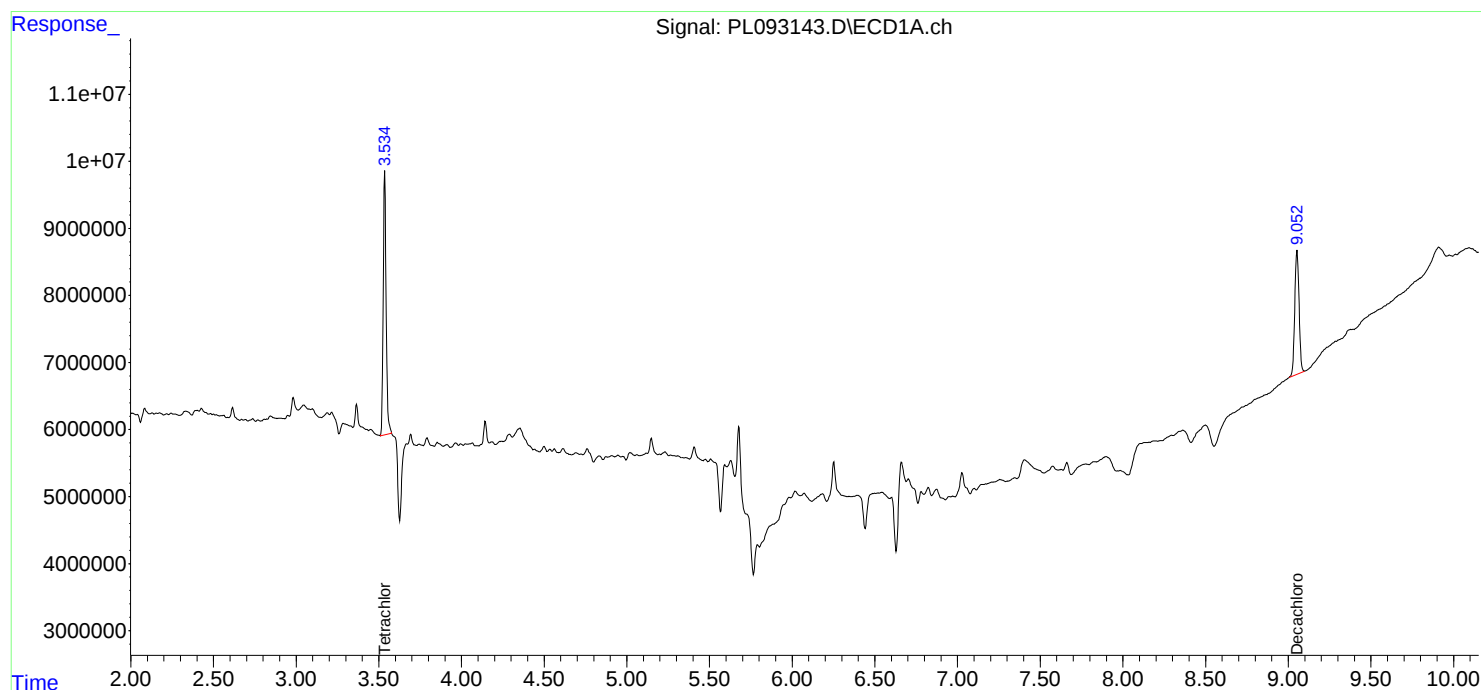
Manual Integrations**APPROVED**

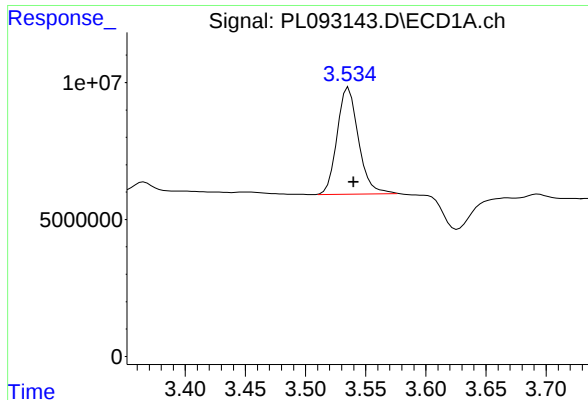
Reviewed By :Yogesh Patel 11/20/2024

Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 23:03:26 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

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





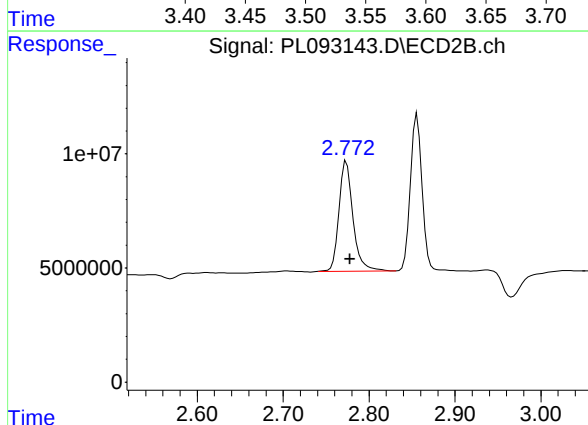
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.006 min
Response: 48353135
Conc: 19.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-006

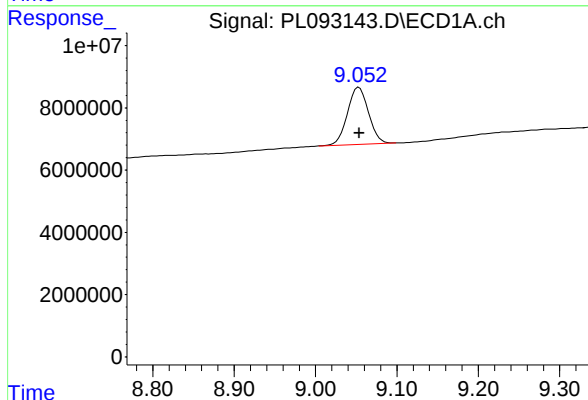
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024



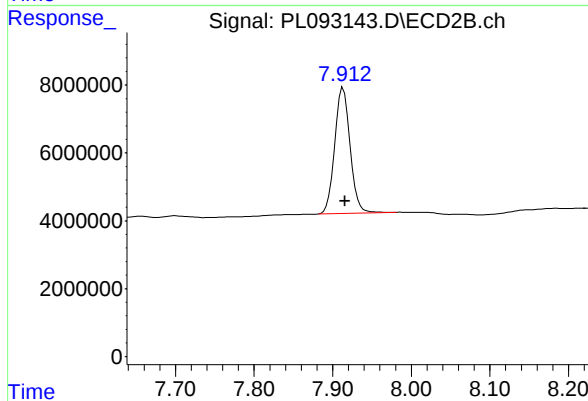
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: -0.004 min
Response: 54676961
Conc: 20.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: 0.000 min
Response: 33218459
Conc: 17.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.913 min
Delta R.T.: -0.002 min
Response: 50507456
Conc: 18.51 ng/ml

Report of Analysis

Client:	Tetra Tech			Date Collected:	11/14/24	
Project:	Ocean County Landfill 2024			Date Received:	11/14/24	
Client Sample ID:	PH2-BOT-005			SDG No.:	P4860	
Lab Sample ID:	P4860-10			Matrix:	SOIL	
Analytical Method:	SW8081			% Solid:	97.6	Decanted:
Sample Wt/Vol:	30.06	Units:	g	Final Vol:	10000	uL
Soil Aliquot Vol:			uL	Test:	Pesticide-TCL	
Extraction Type:				Injection Volume :		
GPC Factor :	1.0	PH :				
Prep Method :	SW3541B					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093144.D	1	11/18/24 08:20	11/19/24 14:57	PB165046

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.18	U	0.18	1.70	ug/kg
319-85-7	beta-BHC	0.50	U	0.50	1.70	ug/kg
319-86-8	delta-BHC	0.48	U	0.48	1.70	ug/kg
58-89-9	gamma-BHC (Lindane)	0.19	U	0.19	1.70	ug/kg
76-44-8	Heptachlor	0.17	U	0.17	1.70	ug/kg
309-00-2	Aldrin	0.14	U	0.14	1.70	ug/kg
1024-57-3	Heptachlor epoxide	0.24	U	0.24	1.70	ug/kg
959-98-8	Endosulfan I	0.17	U	0.17	1.70	ug/kg
60-57-1	Dieldrin	0.15	U	0.15	1.70	ug/kg
72-55-9	4,4-DDE	0.13	U	0.13	1.70	ug/kg
72-20-8	Endrin	0.16	U	0.16	1.70	ug/kg
33213-65-9	Endosulfan II	0.31	U	0.31	1.70	ug/kg
72-54-8	4,4-DDD	0.19	U	0.19	1.70	ug/kg
1031-07-8	Endosulfan Sulfate	0.13	U	0.13	1.70	ug/kg
50-29-3	4,4-DDT	0.17	U	0.17	1.70	ug/kg
72-43-5	Methoxychlor	0.39	U	0.39	1.70	ug/kg
53494-70-5	Endrin ketone	0.23	U	0.23	1.70	ug/kg
7421-93-4	Endrin aldehyde	0.40	U	0.40	1.70	ug/kg
5103-71-9	alpha-Chlordane	0.17	U	0.17	1.70	ug/kg
5103-74-2	gamma-Chlordane	0.19	U	0.19	1.70	ug/kg
8001-35-2	Toxaphene	5.30	U	5.30	33.7	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	18.7		30 (10) - 150 (148)	94%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.8		30 (10) - 150 (159)	99%	SPK: 20

Report of Analysis

Client:	Tetra Tech		Date Collected:	11/14/24	
Project:	Ocean County Landfill 2024		Date Received:	11/14/24	
Client Sample ID:	PH2-BOT-005		SDG No.:	P4860	
Lab Sample ID:	P4860-10		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	97.6	Decanted:
Sample Wt/Vol:	30.06	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093144.D	1	11/18/24 08:20	11/19/24 14:57	PB165046

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	------------	-------

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
 Data File : PL093144.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Nov 2024 14:57
 Operator : AR\AJ
 Sample : P4860-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PH2-BOT-005

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/20/2024
 Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 19 23:04:19 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 18:58:23 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.534	2.773	48591948	53548701	19.832m	19.679
28) SA Decachlor...	9.054	7.913	31773803	51111175	16.510	18.727

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
Data File : PL093144.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2024 14:57
Operator : AR\AJ
Sample : P4860-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PH2-BOT-005

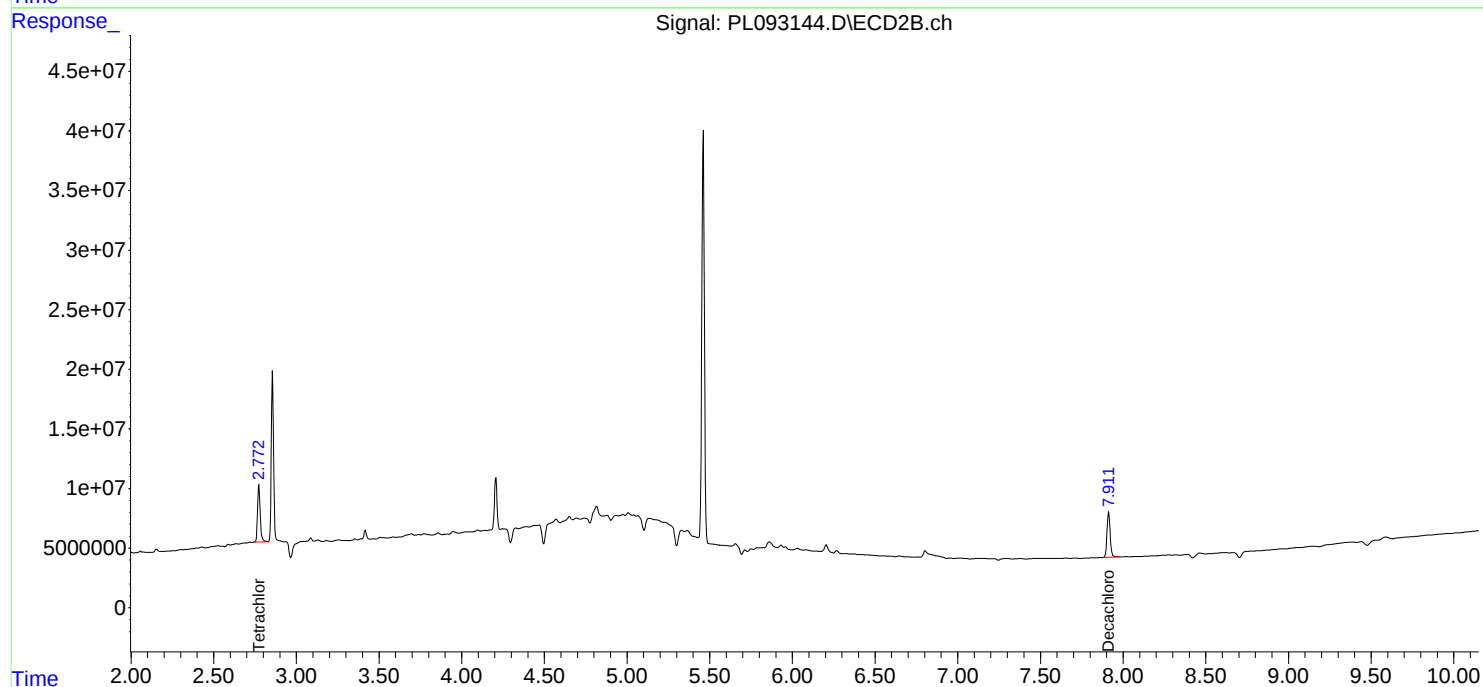
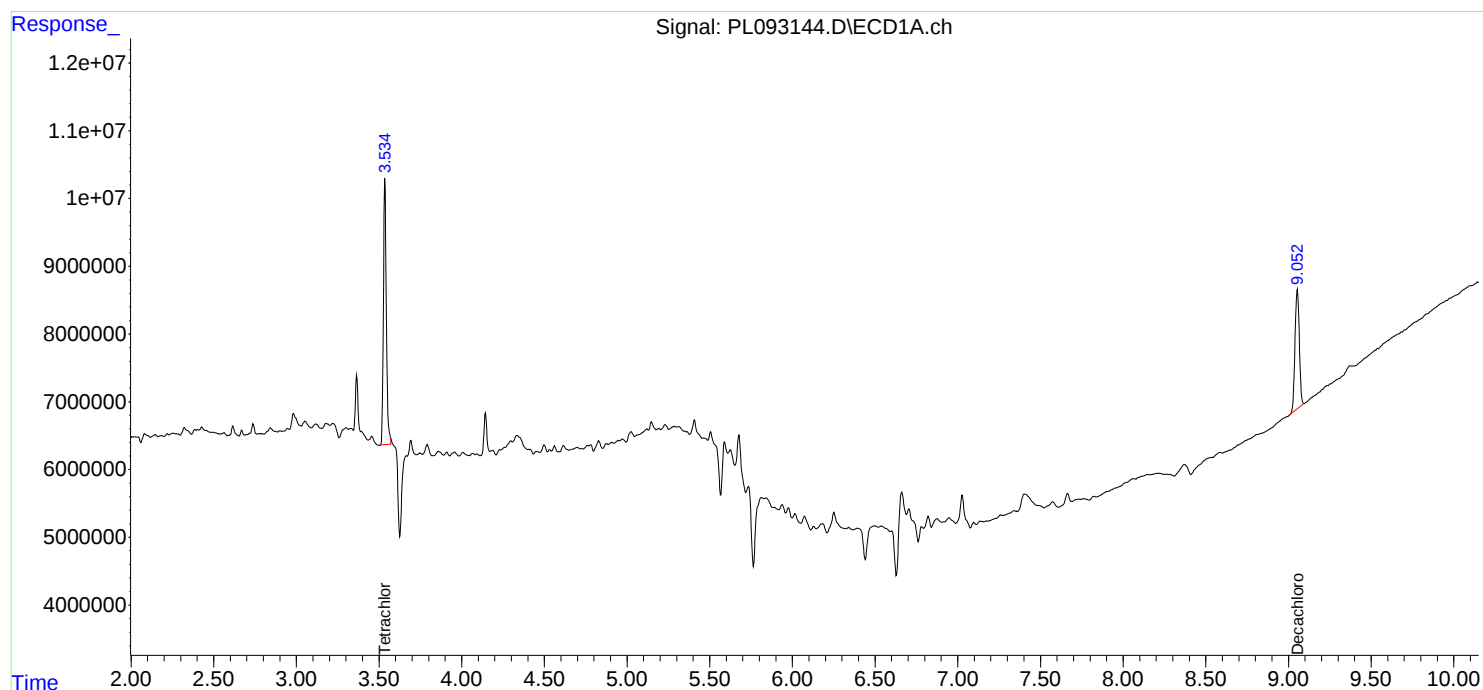
Manual Integrations**APPROVED**

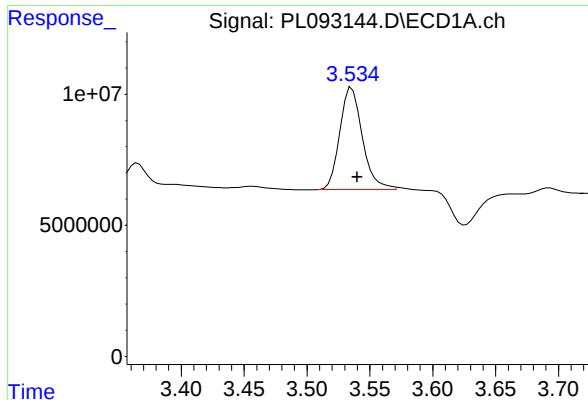
Reviewed By :Yogesh Patel 11/20/2024

Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 23:04:19 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

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





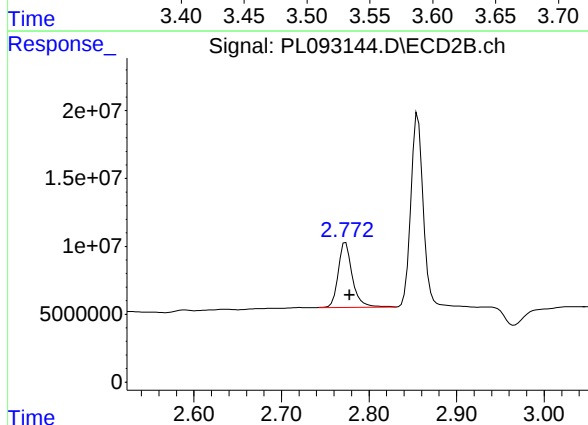
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.006 min
Response: 48591948
Conc: 19.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-005

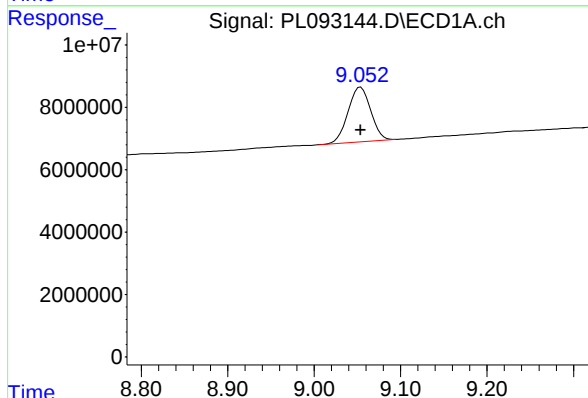
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024



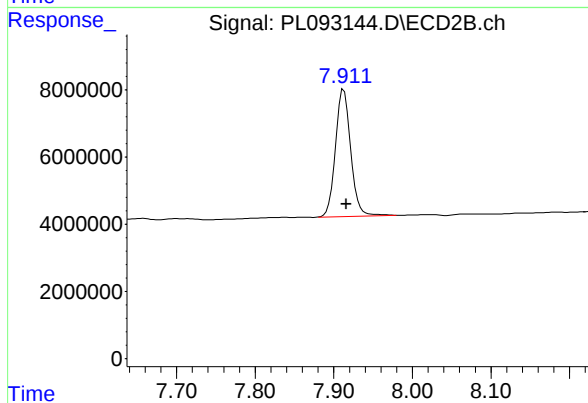
#1 Tetrachloro-m-xylene

R.T.: 2.773 min
Delta R.T.: -0.004 min
Response: 53548701
Conc: 19.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: 0.000 min
Response: 31773803
Conc: 16.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.913 min
Delta R.T.: -0.003 min
Response: 51111175
Conc: 18.73 ng/ml



CALIBRATION SUMMARY

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

[illegible]

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

[illegible]

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CORN02
Lab Code: CHEM **Case No.:** P4860 **SAS No.:** P4860 **SDG NO.:** P4860
Instrument ID: ECD_L
Calibration Date(s): 10/28/2024 10/28/2024
Calibration Times: 14:43 15:36
GC Column: ZB-MR2 **ID:** 0.32 (mm)

LAB FILE ID:		CF 100 = <u>PL092655.D</u>		CF 075 = <u>PL092656.D</u>			
CF 050 = <u>PL092657.D</u>		CF 025 = <u>PL092658.D</u>		CF 005 = <u>PL092659.D</u>			
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	1810270000	1801980000	1817980000	1967770000	2199620000	1919520000	9
4,4'-DDE	2254070000	2226390000	2230050000	2402470000	2732960000	2369190000	9
4,4'-DDT	1948940000	1933390000	1940720000	2113460000	2412250000	2069750000	10
Aldrin	2847480000	2802990000	2807290000	3047230000	3502400000	3001480000	10
alpha-BHC	3356530000	3271880000	3230400000	3397090000	3701950000	3391570000	5
alpha-Chlordane	2486640000	2469090000	2489960000	2701720000	3093310000	2648140000	10
beta-BHC	1343260000	1339050000	1368530000	1491800000	1684660000	1445460000	10
Decachlorobiphenyl	1738840000	1756630000	1819720000	1998760000	2308800000	1924550000	12
delta-BHC	3067660000	2980040000	2949010000	3119670000	3533000000	3129870000	8
Dieldrin	2486930000	2456960000	2476030000	2679410000	3078050000	2635480000	10
Endosulfan I	2320690000	2313950000	2348370000	2546170000	2977620000	2501360000	11
Endosulfan II	2159880000	2160930000	2205230000	2449960000	2943170000	2383830000	14
Endosulfan sulfate	1974140000	1979440000	2024740000	2239840000	2633550000	2170340000	13
Endrin	2111540000	2103000000	2121260000	2324460000	2723040000	2276660000	12
Endrin aldehyde	1712300000	1718280000	1758160000	1955910000	2245210000	1877970000	12
Endrin ketone	2253830000	2246660000	2273910000	2471090000	2868570000	2422810000	11
gamma-BHC (Lindane)	3198960000	3133030000	3104430000	3278360000	3583040000	3259560000	6
gamma-Chlordane	2496700000	2477960000	2491940000	2703470000	3133120000	2660640000	11
Heptachlor	2817300000	2795570000	2829220000	3064000000	3509480000	3003110000	10
Heptachlor epoxide	2536240000	2521530000	2566410000	2821600000	3361270000	2761410000	13
Methoxychlor	1040530000	1050870000	1078280000	1189160000	1341160000	1140000000	11
Tetrachloro-m-xylene	2319350000	2304070000	2328420000	2512350000	2786990000	2450240000	8

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CORN02
Lab Code: CHEM **Case No.:** P4860 **SAS No.:** P4860 **SDG NO.:** P4860
Instrument ID: ECD_L **Calibration Date(s):** 10/28/2024 10/28/2024
Calibration Times: 14:43 15:36

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

LAB FILE ID:		CF 100 = <u>PL092655.D</u>		CF 075 = <u>PL092656.D</u>			
CF 050 = <u>PL092657.D</u>		CF 025 = <u>PL092658.D</u>		CF 005 = <u>PL092659.D</u>			
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	2614880000	2506250000	2443430000	2489210000	2396540000	2490060000	3
4,4'-DDE	3334990000	3225880000	3154950000	3209960000	3182260000	3221610000	2
4,4'-DDT	2797500000	2713050000	2637310000	2653690000	2609750000	2682260000	3
Aldrin	3840860000	3705070000	3619180000	3619340000	3516600000	3660210000	3
alpha-BHC	4282500000	4089170000	3973860000	3934480000	3670850000	3990170000	6
alpha-Chlordane	3409310000	3303380000	3254510000	3329310000	3333630000	3326030000	2
beta-BHC	1625150000	1594840000	1591160000	1661990000	1758110000	1646250000	4
Decachlorobiphenyl	2606810000	2575500000	2605540000	2793460000	3064890000	2729240000	8
delta-BHC	4088000000	3924730000	3802680000	3782230000	3618150000	3843150000	5
Dieldrin	3483370000	3364390000	3290100000	3303460000	3260200000	3340300000	3
Endosulfan I	3111480000	3032780000	2993580000	3072340000	3055530000	3053140000	1
Endosulfan II	2881520000	2813750000	2779930000	2861240000	2829950000	2833280000	1
Endosulfan sulfate	2707530000	2646200000	2623690000	2712350000	2794620000	2696880000	2
Endrin	2969490000	2878380000	2828080000	2876210000	2912860000	2893010000	2
Endrin aldehyde	2273700000	2244250000	2230130000	2333460000	2454860000	2307280000	4
Endrin ketone	3089790000	3023040000	3013060000	3097240000	3120850000	3068800000	2
gamma-BHC (Lindane)	4083950000	3934430000	3833920000	3828430000	3616530000	3859450000	4
gamma-Chlordane	3470230000	3355710000	3294030000	3342020000	3346470000	3361690000	2
Heptachlor	3876200000	3766580000	3709120000	3779090000	3738650000	3773930000	2
Heptachlor epoxide	3405420000	3318630000	3272090000	3352830000	3358060000	3341410000	1
Methoxychlor	1400820000	1385450000	1393920000	1470360000	1489590000	1428030000	3
Tetrachloro-m-xylene	2724750000	2661560000	2643180000	2728430000	2847900000	2721160000	3



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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: CORN02

Lab Code: CHEM Case No.: P4860 SAS No.: P4860 SDG NO.: P4860

Instrument ID: ECD_L Date(s) Analyzed: 10/28/2024 10/28/2024

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Toxaphene	500	1	6.24	6.14	6.34	23962400
		2	6.44	6.34	6.54	13823600
		3	7.06	6.96	7.16	79159800
		4	7.15	7.05	7.25	59803700
		5	7.93	7.83	8.03	45329200



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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: CORN02

Lab Code: CHEM Case No.: P4860 SAS No.: P4860 SDG NO.: P4860

Instrument ID: ECD_L Date(s) Analyzed: 10/28/2024 10/28/2024

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Toxaphene	500	1	5.01	4.91	5.11	19952700
		2	5.33	5.23	5.43	19749600
		3	6.61	6.51	6.71	70222500
		4	6.73	6.63	6.83	98337700
		5	7.05	6.95	7.15	65479700

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102824\
 Data File : PL092655.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2024 14:43
 Operator : AR\AJ
 Sample : PSTDICC100
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDICC100

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 17:08:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 17:06:20 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.540	2.778	231.9E6	272.5E6	99.805	101.520
28)	SA Decachlor...	9.054	7.915	173.9E6	260.7E6	97.727	100.024
Target Compounds							
2)	A alpha-BHC	3.996	3.281	335.7E6	428.2E6	101.915	103.738
3)	MA gamma-BHC...	4.328	3.611	319.9E6	408.4E6	101.500	103.158
4)	MA Heptachlor	4.917	3.950	281.7E6	387.6E6	99.789	102.203
5)	MB Aldrin	5.258	4.230	284.7E6	384.1E6	100.711	102.971
6)	B beta-BHC	4.525	3.910	134.3E6	162.5E6	99.068	101.057
7)	B delta-BHC	4.773	4.139	306.8E6	408.8E6	101.972	103.616
8)	B Heptachlo...	5.685	4.732	253.6E6	340.5E6	99.409	101.997
9)	A Endosulfan I	6.070	5.102	232.1E6	311.1E6	99.407	101.931
10)	B gamma-Chl...	5.940	4.982	249.7E6	347.0E6	100.095	102.605
11)	B alpha-Chl...	6.019	5.046	248.7E6	340.9E6	99.933	102.323
12)	B 4,4'-DDE	6.193	5.235	225.4E6	333.5E6	100.536	102.774
13)	MA Dieldrin	6.345	5.366	248.7E6	348.3E6	100.220	102.853
14)	MA Endrin	6.575	5.641	211.2E6	296.9E6	99.771	102.439
15)	B Endosulfa...	6.794	5.936	216.0E6	288.2E6	98.961	101.794
16)	A 4,4'-DDD	6.710	5.789	181.0E6	261.5E6	99.788	103.390
17)	MA 4,4'-DDT	7.024	6.039	194.9E6	279.7E6	100.211	102.948
18)	B Endrin al...	6.924	6.115	171.2E6	227.4E6	98.679	100.967
19)	B Endosulfa...	7.158	6.338	197.4E6	270.8E6	98.735	101.573
20)	A Methoxychlor	7.500	6.614	104.1E6	140.1E6	98.219	100.247
21)	B Endrin ke...	7.643	6.843	225.4E6	309.0E6	99.557	101.257
22)	Mirex	8.117	7.024	176.1E6	246.6E6	97.640	99.464

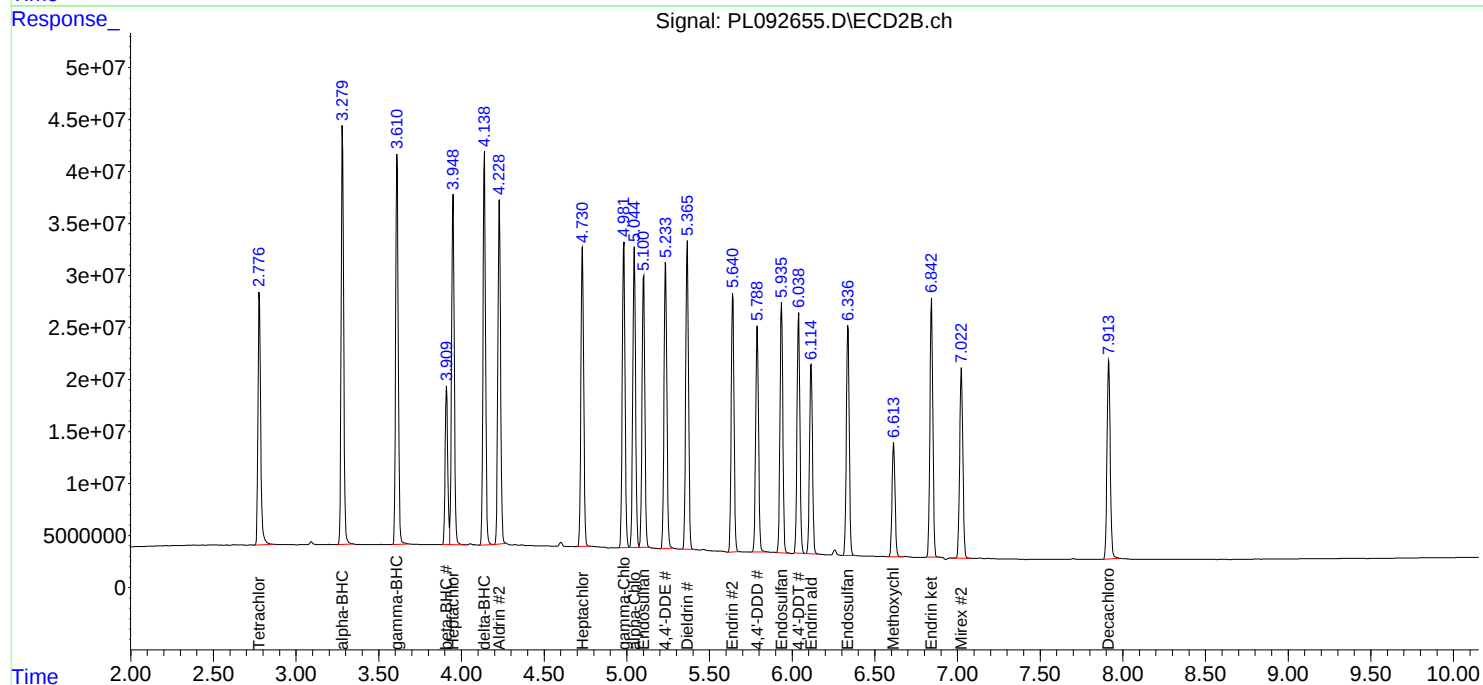
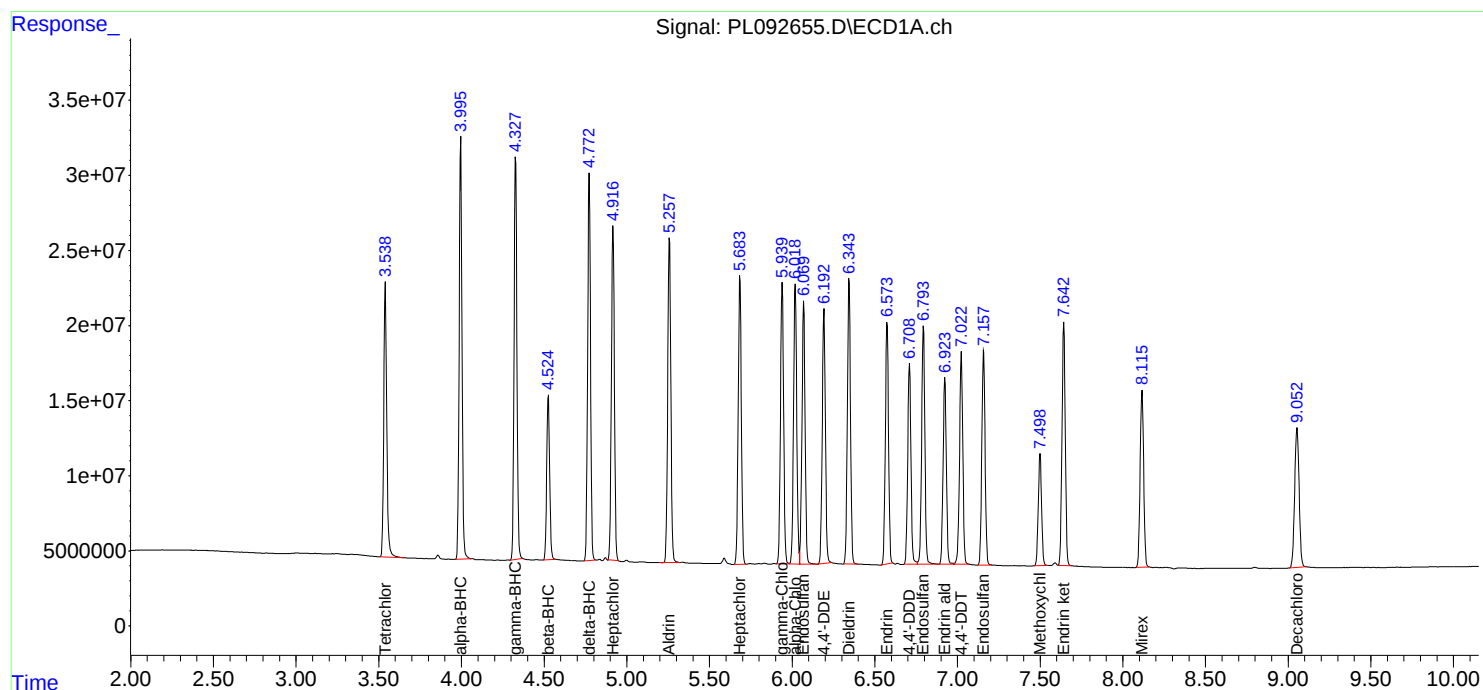
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102824\
Data File : PL092655.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2024 14:43
Operator : AR\AJ
Sample : PSTDICC100
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 17:08:56 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 17:06:20 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102824\
 Data File : PL092656.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2024 14:56
 Operator : AR\AJ
 Sample : PSTDICC075
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDICC075

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 17:11:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 17:10:47 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.540	2.778	172.8E6	199.6E6	74.573	74.581
28)	SA Decachlor...	9.054	7.916	131.7E6	193.2E6	74.361	74.409
Target Compounds							
2)	A alpha-BHC	3.996	3.281	245.4E6	306.7E6	74.672	74.526
3)	MA gamma-BHC...	4.328	3.611	235.0E6	295.1E6	74.703	74.690
4)	MA Heptachlor	4.917	3.950	209.7E6	282.5E6	74.508	74.655
5)	MB Aldrin	5.259	4.230	210.2E6	277.9E6	74.567	74.665
6)	B beta-BHC	4.526	3.911	100.4E6	119.6E6	74.376	74.585
7)	B delta-BHC	4.773	4.140	223.5E6	294.4E6	74.528	74.738
8)	B Heptachlo...	5.685	4.733	189.1E6	248.9E6	74.414	74.698
9)	A Endosulfan I	6.070	5.103	173.5E6	227.5E6	74.558	74.676
10)	B gamma-Chl...	5.941	4.982	185.8E6	251.7E6	74.671	74.608
11)	B alpha-Chl...	6.019	5.047	185.2E6	247.8E6	74.613	74.571
12)	B 4,4'-DDE	6.193	5.235	167.0E6	241.9E6	74.650	74.705
13)	MA Dieldrin	6.345	5.366	184.3E6	252.3E6	74.504	74.669
14)	MA Endrin	6.575	5.642	157.7E6	215.9E6	74.683	74.647
15)	B Endosulfa...	6.794	5.937	162.1E6	211.0E6	74.503	74.700
16)	A 4,4'-DDD	6.710	5.790	135.1E6	188.0E6	74.665	74.546
17)	MA 4,4'-DDT	7.024	6.040	145.0E6	203.5E6	74.705	74.920
18)	B Endrin al...	6.924	6.116	128.9E6	168.3E6	74.510	74.830
19)	B Endosulfa...	7.159	6.339	148.5E6	198.5E6	74.498	74.635
20)	A Methoxychlor	7.500	6.615	78815004	103.9E6	74.596	74.572
21)	B Endrin ke...	7.643	6.844	168.5E6	226.7E6	74.619	74.533
22)	Mirex	8.117	7.024	133.9E6	183.5E6	74.491	74.331

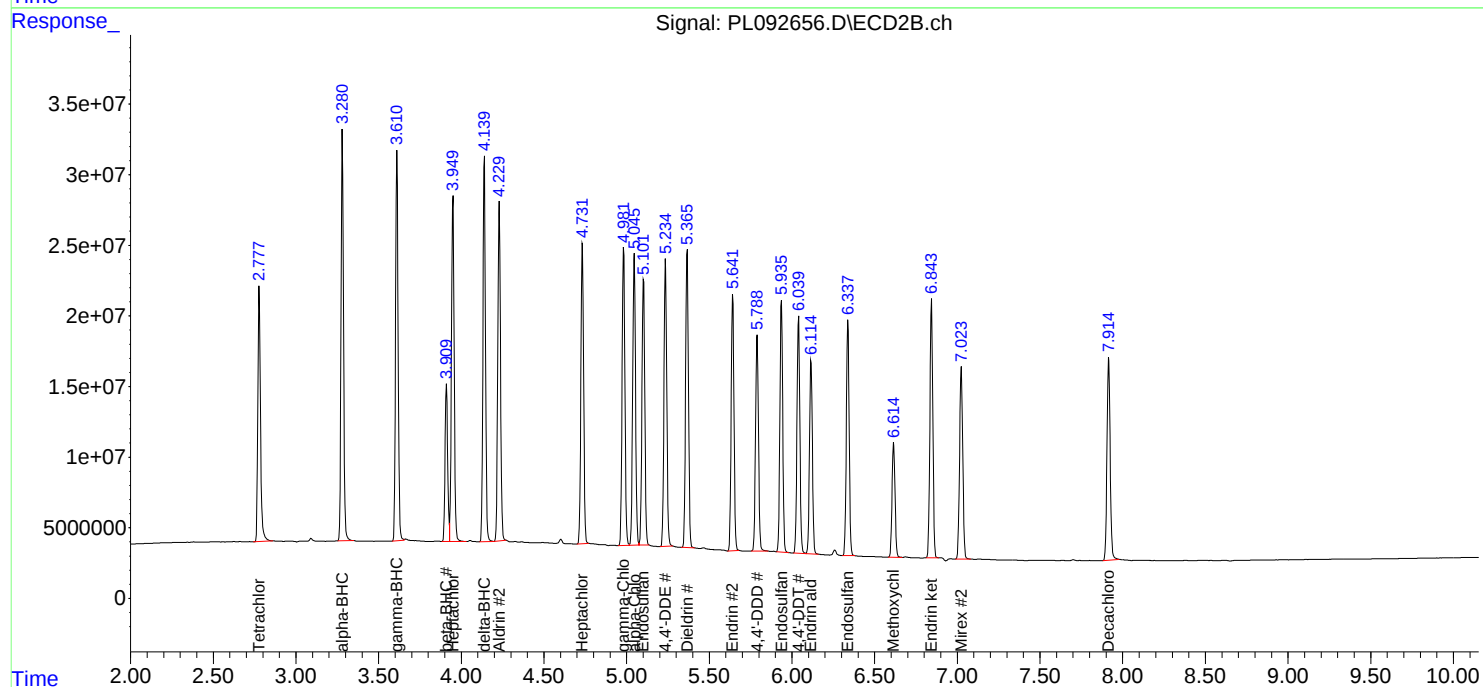
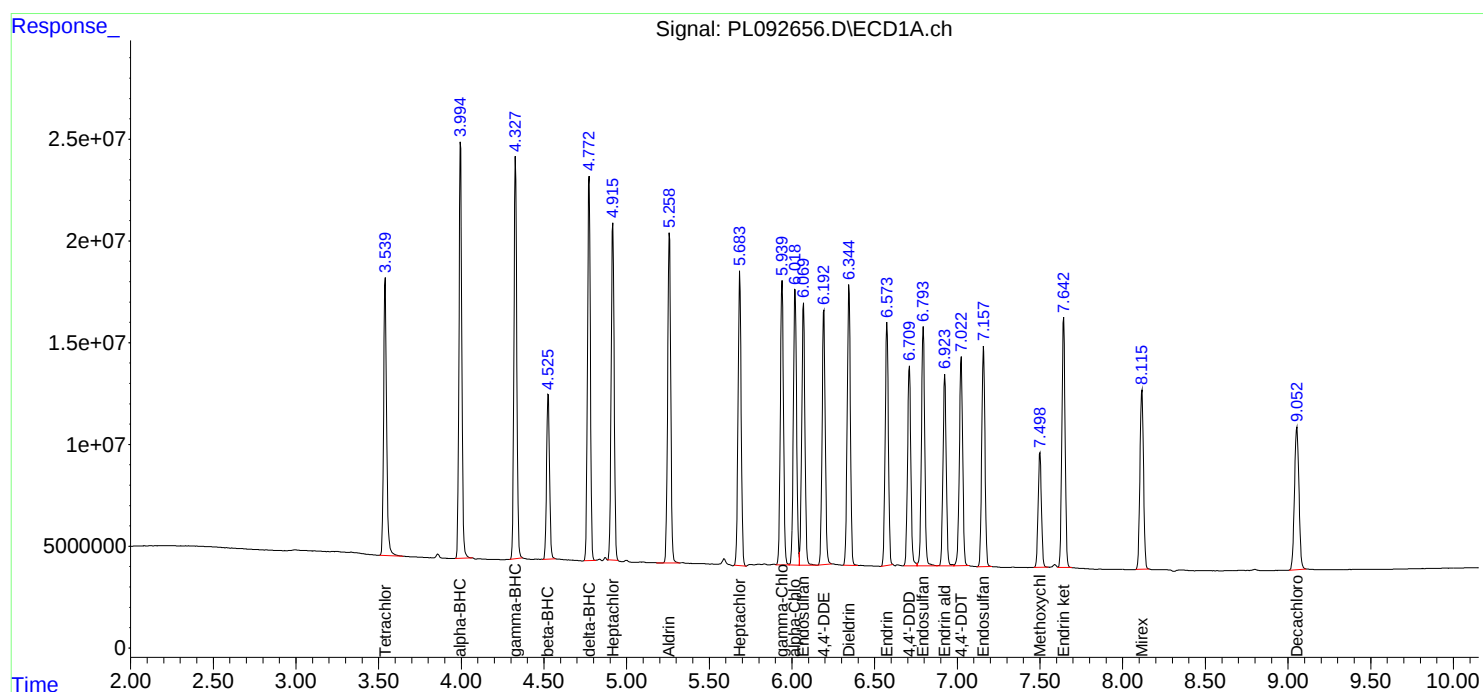
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102824\
Data File : PL092656.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2024 14:56
Operator : AR\AJ
Sample : PSTDICC075
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC075

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 17:11:32 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 17:10:47 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102824\
 Data File : PL092657.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2024 15:09
 Operator : AR\AJ
 Sample : PSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDICC050

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 17:06:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 17:06:20 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.540	2.778	116.4E6	132.2E6	50.000	50.000
28)	SA Decachlor...	9.054	7.916	90985898	130.3E6	50.000	50.000
Target Compounds							
2)	A alpha-BHC	3.996	3.281	161.5E6	198.7E6	50.000	50.000
3)	MA gamma-BHC...	4.328	3.611	155.2E6	191.7E6	50.000	50.000
4)	MA Heptachlor	4.917	3.949	141.5E6	185.5E6	50.000	50.000
5)	MB Aldrin	5.258	4.229	140.4E6	181.0E6	50.000	50.000
6)	B beta-BHC	4.525	3.910	68426712	79558092	50.000	50.000
7)	B delta-BHC	4.772	4.139	147.5E6	190.1E6	50.000	50.000
8)	B Heptachlo...	5.684	4.732	128.3E6	163.6E6	50.000	50.000
9)	A Endosulfan I	6.070	5.102	117.4E6	149.7E6	50.000	50.000
10)	B gamma-Chl...	5.941	4.982	124.6E6	164.7E6	50.000	50.000
11)	B alpha-Chl...	6.019	5.045	124.5E6	162.7E6	50.000	50.000
12)	B 4,4'-DDE	6.193	5.235	111.5E6	157.7E6	50.000	50.000
13)	MA Dieldrin	6.345	5.366	123.8E6	164.5E6	50.000	50.000
14)	MA Endrin	6.574	5.641	106.1E6	141.4E6	50.000	50.000
15)	B Endosulfa...	6.794	5.936	110.3E6	139.0E6	50.000	50.000
16)	A 4,4'-DDD	6.710	5.789	90898841	122.2E6	50.000	50.000
17)	MA 4,4'-DDT	7.023	6.040	97035972	131.9E6	50.000	50.000
18)	B Endrin al...	6.924	6.115	87908093	111.5E6	50.000	50.000
19)	B Endosulfa...	7.158	6.338	101.2E6	131.2E6	50.000	50.000
20)	A Methoxychlor	7.499	6.615	53913903	69696231	50.000	50.000
21)	B Endrin ke...	7.643	6.843	113.7E6	150.7E6	50.000	50.000
22)	Mirex	8.116	7.024	92300183	124.6E6	50.000	50.000

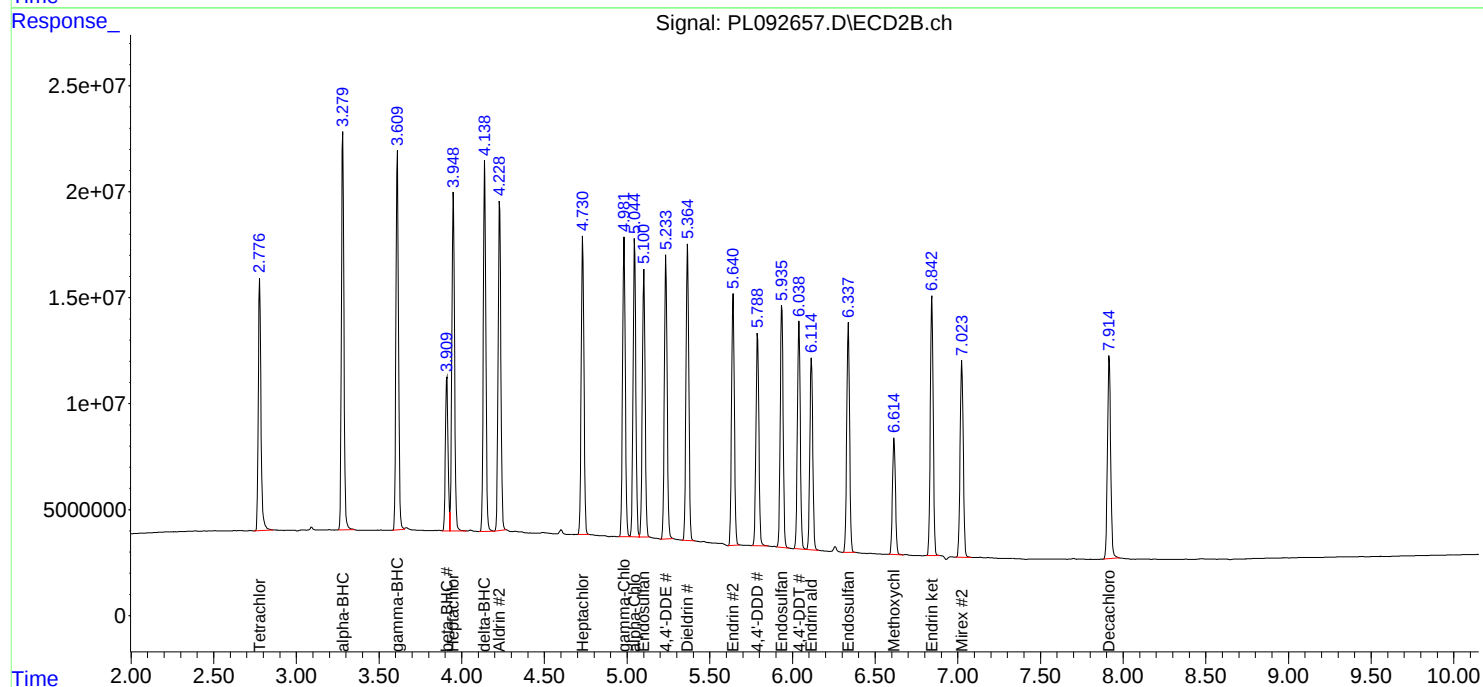
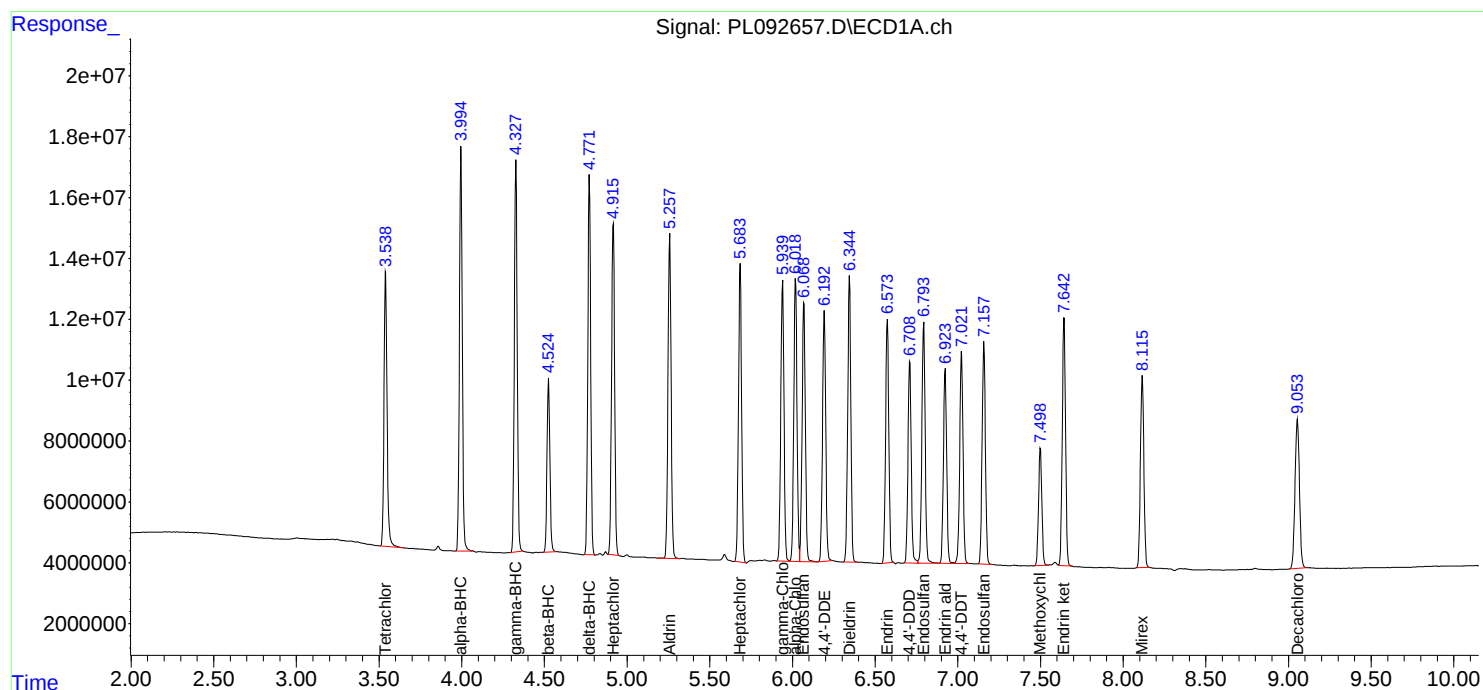
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102824\
Data File : PL092657.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2024 15:09
Operator : AR\AJ
Sample : PSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 17:06:37 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 17:06:20 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102824\
 Data File : PL092658.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2024 15:23
 Operator : AR\AJ
 Sample : PSTDICC025
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDICC025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 17:13:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 17:10:47 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.540	2.778	62808688	68210857	26.546	25.362
28)	SA Decachlor...	9.054	7.916	49968947	69836578	27.328	26.400
Target Compounds							
2)	A alpha-BHC	3.996	3.281	84927238	98362013	25.627	24.168
3)	MA gamma-BHC...	4.328	3.611	81958950	95710712	25.784	24.415
4)	MA Heptachlor	4.917	3.950	76599935	94477178	26.629	24.976
5)	MB Aldrin	5.259	4.230	76180853	90483526	26.486	24.481
6)	B beta-BHC	4.526	3.911	37295050	41549746	26.915	25.675
7)	B delta-BHC	4.773	4.140	77991786	94555626	25.748	24.249
8)	B Heptachlo...	5.685	4.732	70540111	83820686	27.012	25.117
9)	A Endosulfan I	6.070	5.102	63654358	76808476	26.720	25.162
10)	B gamma-Chl...	5.941	4.982	67586796	83550406	26.583	24.826
11)	B alpha-Chl...	6.019	5.046	67542919	83232660	26.625	25.039
12)	B 4,4'-DDE	6.193	5.235	60061765	80248978	26.363	24.834
13)	MA Dieldrin	6.345	5.366	66985225	82586412	26.531	24.577
14)	MA Endrin	6.574	5.642	58111422	71905340	26.841	24.898
15)	B Endosulfa...	6.793	5.937	61248899	71530905	27.295	25.239
16)	A 4,4'-DDD	6.710	5.790	49194300	62230288	26.599	24.759
17)	MA 4,4'-DDT	7.023	6.040	52836397	66342279	26.630	24.568
18)	B Endrin al...	6.923	6.116	48897872	58336435	27.376	25.694
19)	B Endosulfa...	7.158	6.339	55996056	67808739	27.255	25.373
20)	A Methoxychlor	7.499	6.615	29728906	36759011	27.282	26.022
21)	B Endrin ke...	7.643	6.844	61777342	77430982	26.728	25.339
22)	Mirex	8.116	7.025	51864163	67137696	27.785	26.612

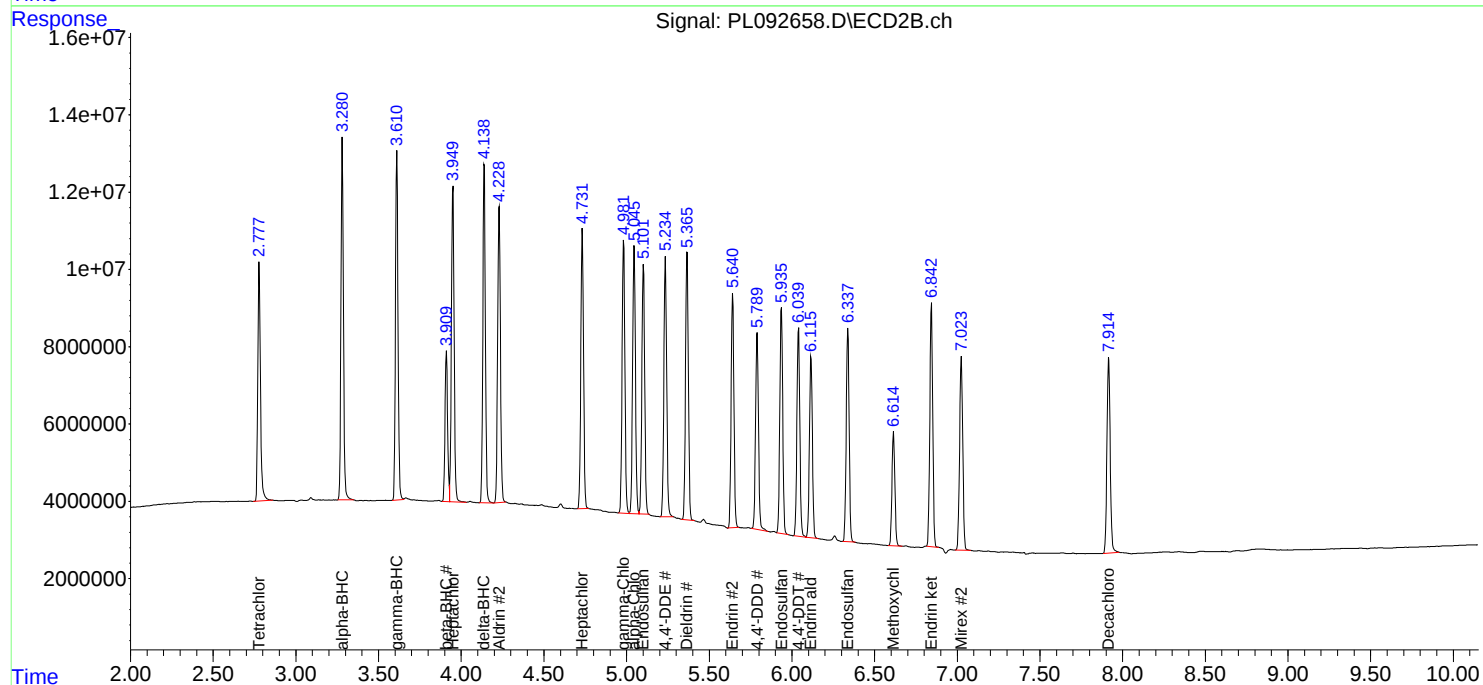
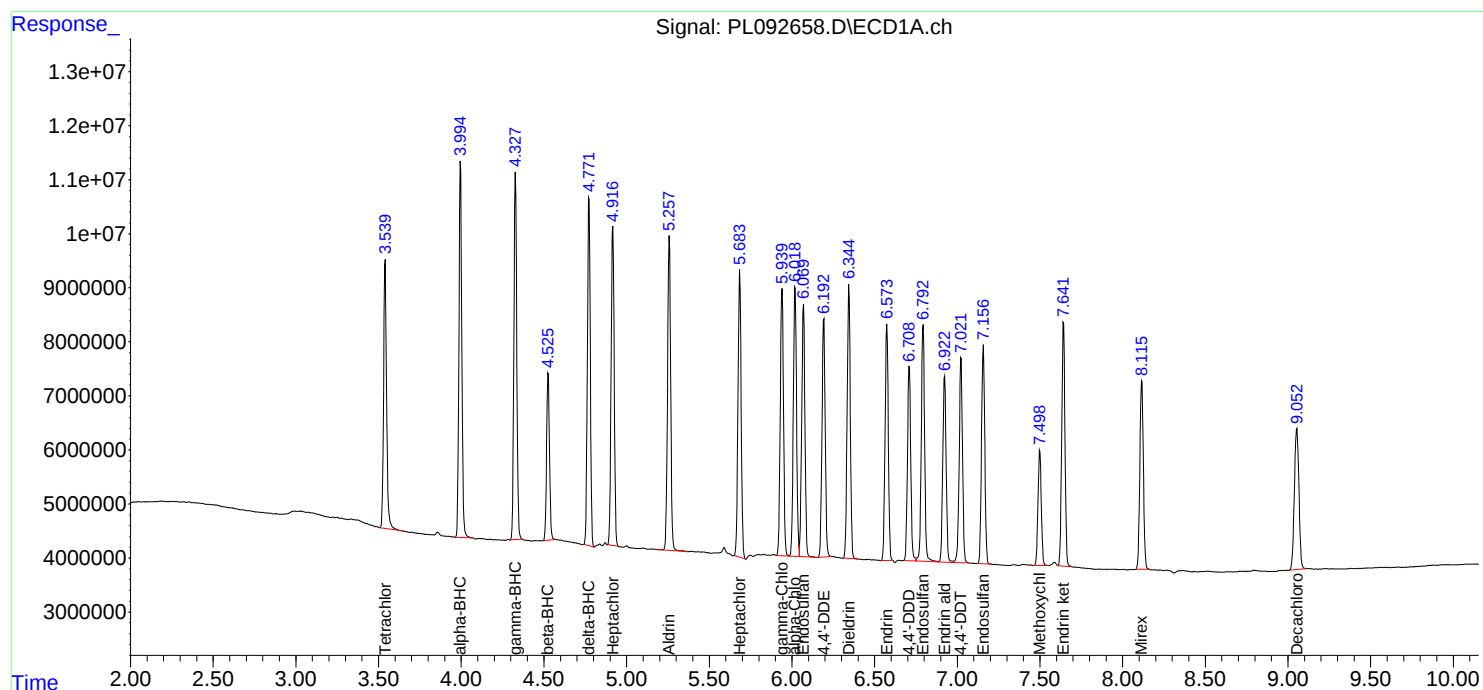
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102824\
Data File : PL092658.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2024 15:23
Operator : AR\AJ
Sample : PSTDICC025
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 17:13:36 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 17:10:47 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102824\
 Data File : PL092659.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2024 15:36
 Operator : AR\AJ
 Sample : PSTDICC005
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDICC005

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 10/29/2024

Supervised By :Ankita Jodhani 10/29/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 17:16:08 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 17:10:47 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.540	2.778	13934946	14239511	5.687	5.233
28) SA Decachlor...	9.053	7.915	11544004	15324471	5.998	5.615
Target Compounds						
2) A alpha-BHC	3.995	3.280	18509728	18354234	5.458	4.600
3) MA gamma-BHC...	4.328	3.611	17915176	18082634	5.496	4.685
4) MA Heptachlor	4.916	3.950	17547418	18693239	5.843	4.953
5) MB Aldrin	5.258	4.229	17512022	17582981	5.834	4.804
6) B beta-BHC	4.526	3.910	8423294	8790546	5.827	5.340
7) B delta-BHC	4.771	4.139	17664985	18090728	5.611m	4.707
8) B Heptachlo...	5.682	4.732	16806367	16790300	6.074m	5.025
9) A Endosulfan I	6.069	5.102	14888105	15277635	5.952	5.004
10) B gamma-Chl...	5.940	4.982	15665588	16732339	5.888	4.977
11) B alpha-Chl...	6.019	5.046	15466528	16668126	5.841	5.011
12) B 4,4'-DDE	6.192	5.235	13664798	15911321	5.768	4.939
13) MA Dieldrin	6.344	5.366	15390264	16300991	5.840	4.880
14) MA Endrin	6.573	5.641	13615222	14564290	5.980	5.034
15) B Endosulfa...	6.793	5.936	14715849	14149758	6.173	4.994
16) A 4,4'-DDD	6.709	5.789	10998106	11982712	5.730	4.812
17) MA 4,4'-DDT	7.023	6.039	12061270	13048754	5.827	4.865
18) B Endrin al...	6.923	6.115	11226054	12274278	5.978	5.320
19) B Endosulfa...	7.157	6.338	13167738	13973088	6.067	5.181
20) A Methoxychlor	7.499	6.614	6705797	7447941	5.882	5.216
21) B Endrin ke...	7.643	6.843	14342863	15604260	5.920	5.085
22) Mirex	8.116	7.024	12209643	14769955	6.161	5.661

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102824\
Data File : PL092659.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2024 15:36
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDICC005

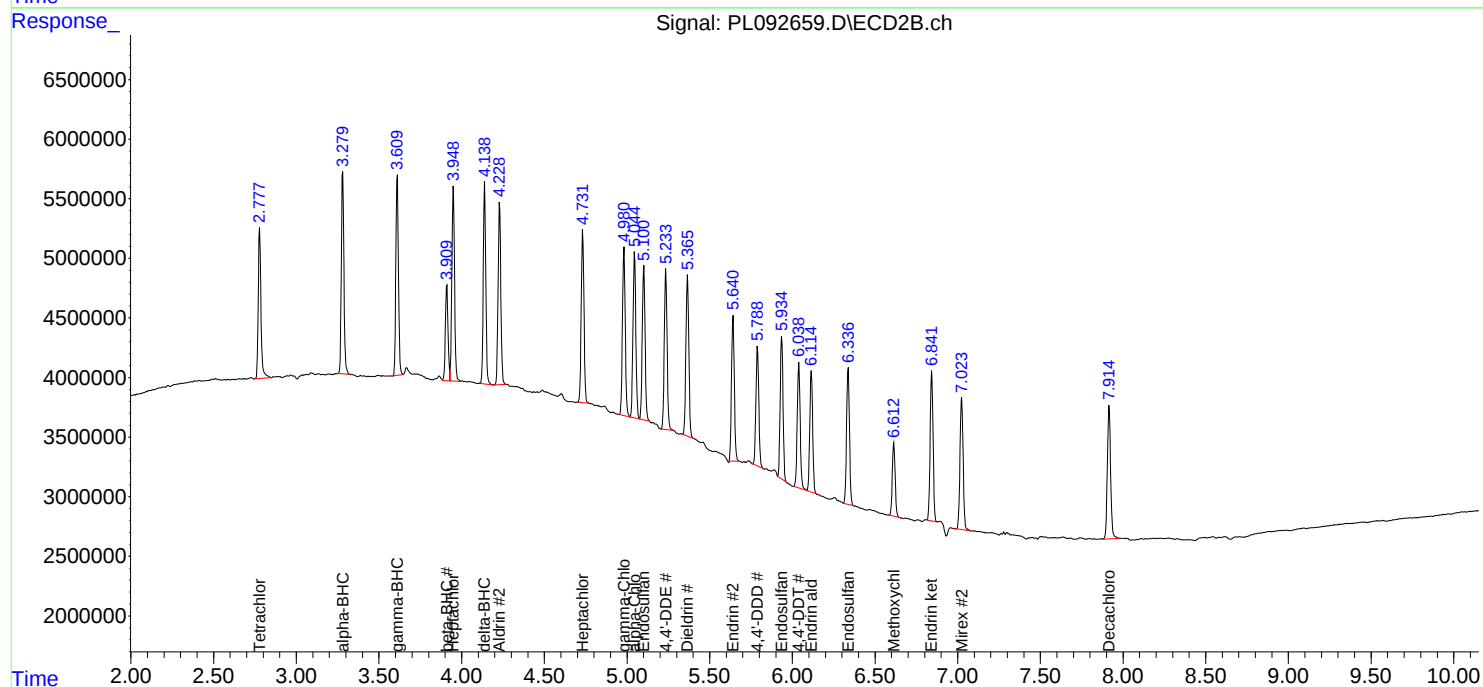
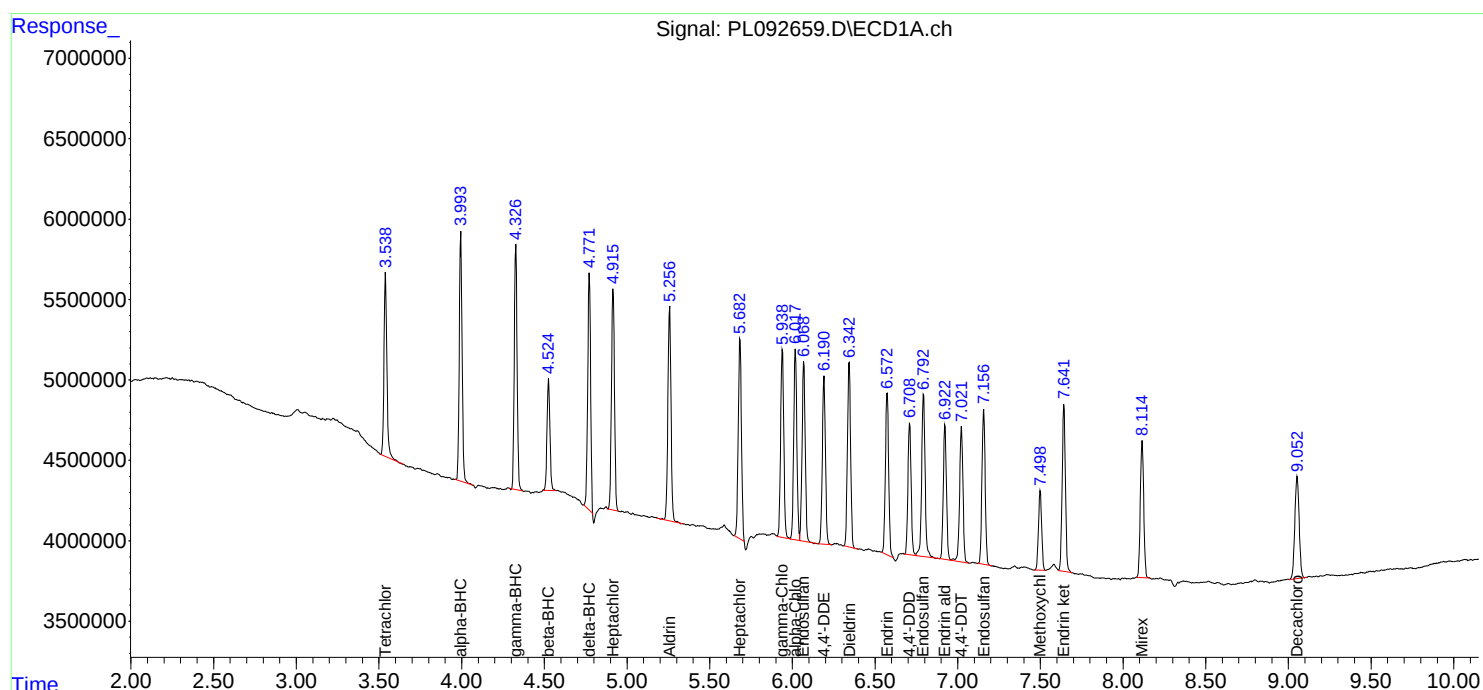
Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 10/29/2024
Supervised By :Ankita Jodhani 10/29/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 17:16:08 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 17:10:47 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102824\
 Data File : PL092662.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2024 16:16
 Operator : AR\AJ
 Sample : PCHLORICC500
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PCHLORICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 16:53:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 16:53:34 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.540	2.777	115.3E6	161.4E6	50.000	50.000
28)	SA Decachlor...	9.055	7.916	90689456	133.2E6	50.000	50.000
Target Compounds							
23)	Chlordane-1	4.702	3.776	53498186	52546046	500.000	500.000
24)	Chlordane-2	5.231	4.352	55198384	60320369	500.000	500.000
25)	Chlordane-3	5.941	4.982	186.2E6	180.5E6	500.000	500.000
26)	Chlordane-4	6.023	5.045	229.2E6	173.4E6	500.000	500.000
27)	Chlordane-5	6.872	5.941	46080525	62029874	500.000	500.000

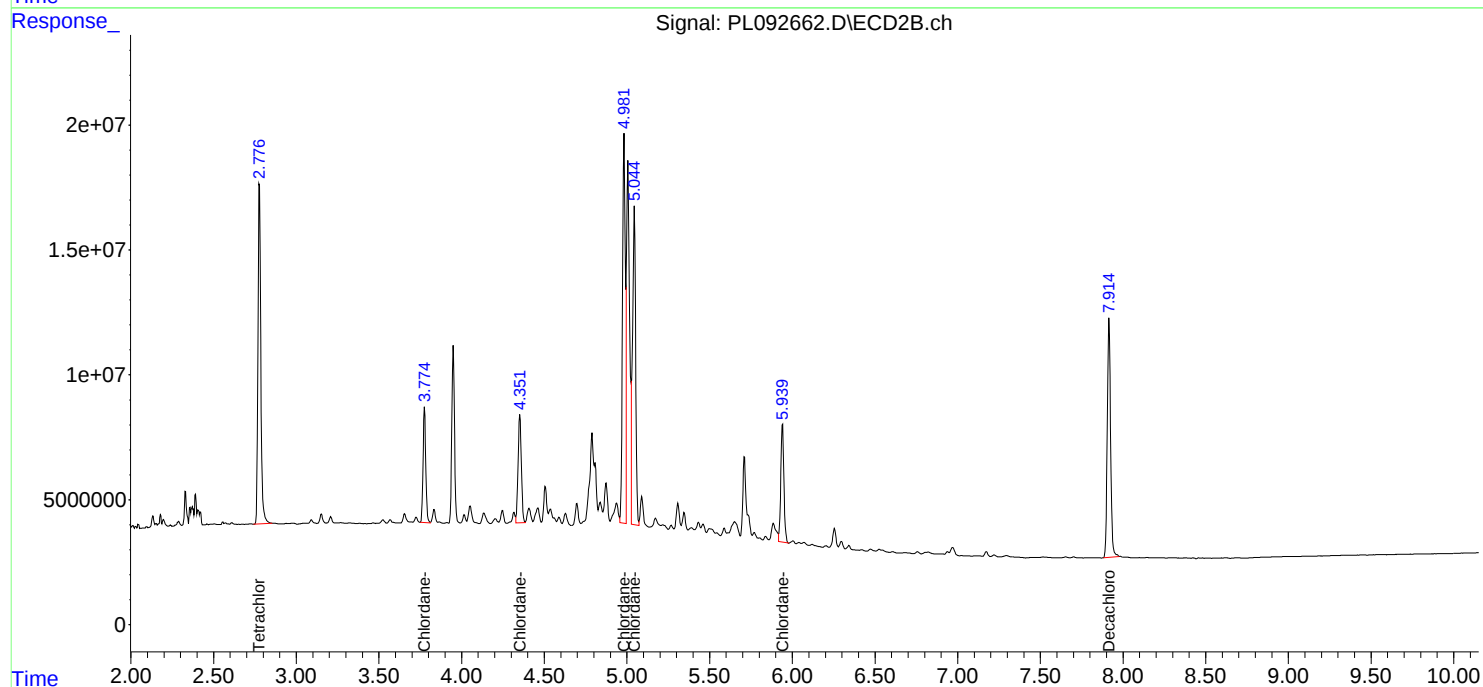
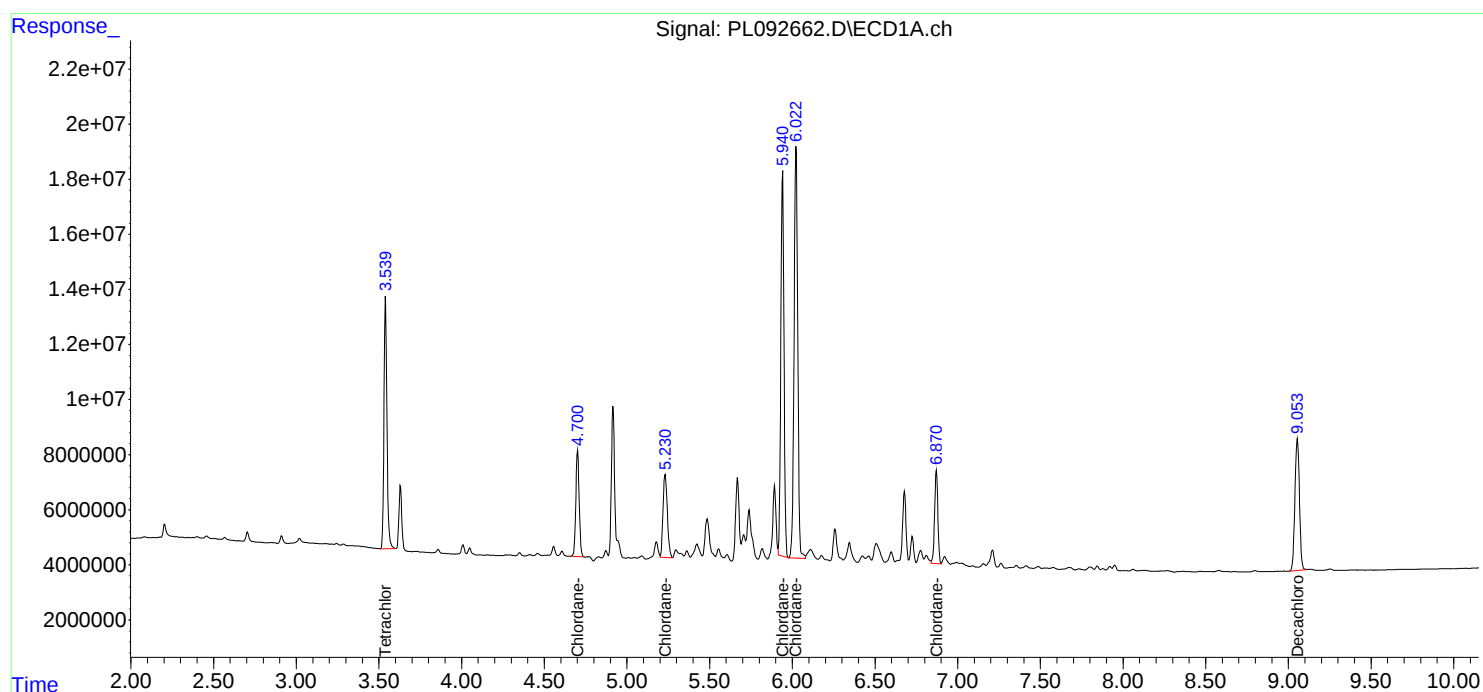
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102824\
Data File : PL092662.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2024 16:16
Operator : AR\AJ
Sample : PCHLORICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PCHLORICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 16:53:54 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 16:53:34 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102824\
 Data File : PL092667.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2024 17:23
 Operator : AR\AJ
 Sample : PTOXICC500
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PTOXICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 17:35:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 17:35:39 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.540	2.778	120.2E6	137.2E6	50.000	50.000
7) SA Decachlor...	9.054	7.916	94872630	139.2E6	50.000	50.000
Target Compounds						
2) Toxaphene-1	6.237	5.007	11981208	9976373	500.000	500.000
3) Toxaphene-2	6.441	5.332	6911814	9874812	500.000	500.000
4) Toxaphene-3	7.058	6.605	39579915	35111261	500.000	500.000
5) Toxaphene-4	7.149	6.733	29901849	49168858	500.000	500.000
6) Toxaphene-5	7.934	7.045	22664593	32739853	500.000	500.000

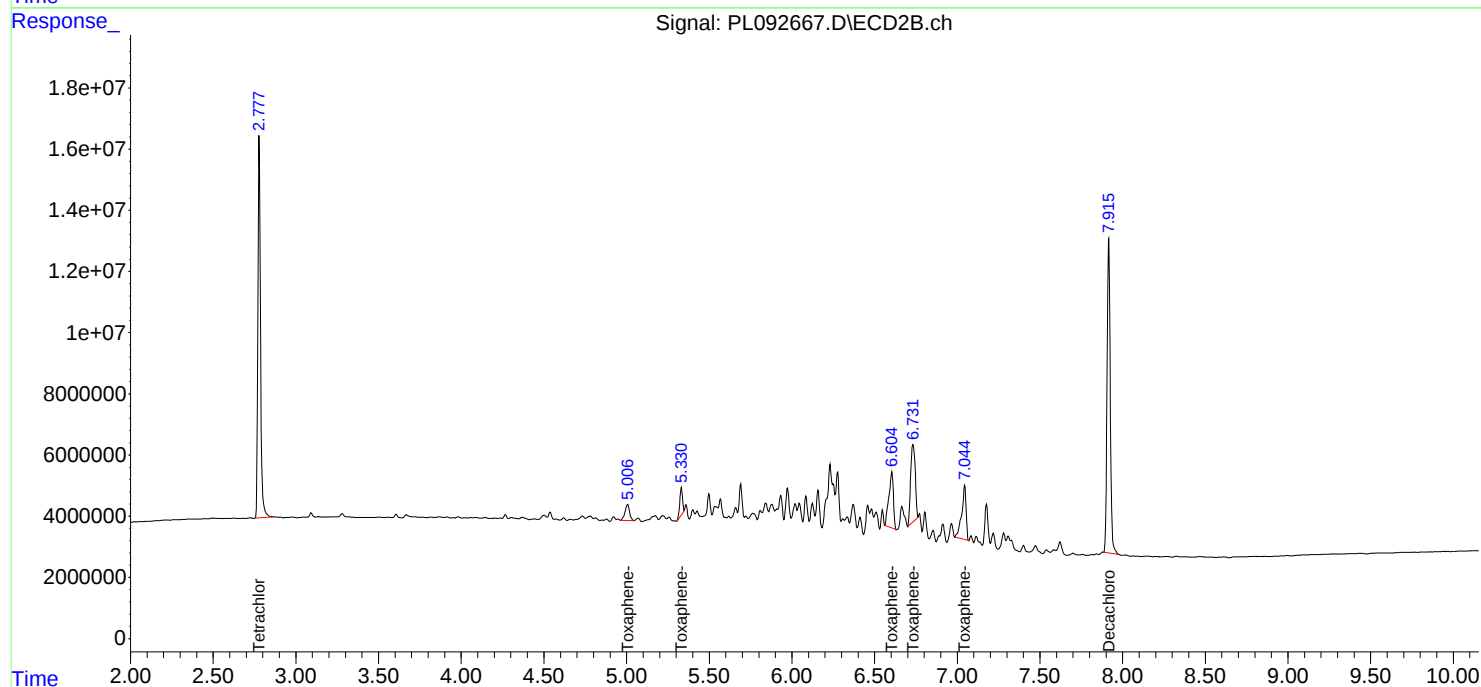
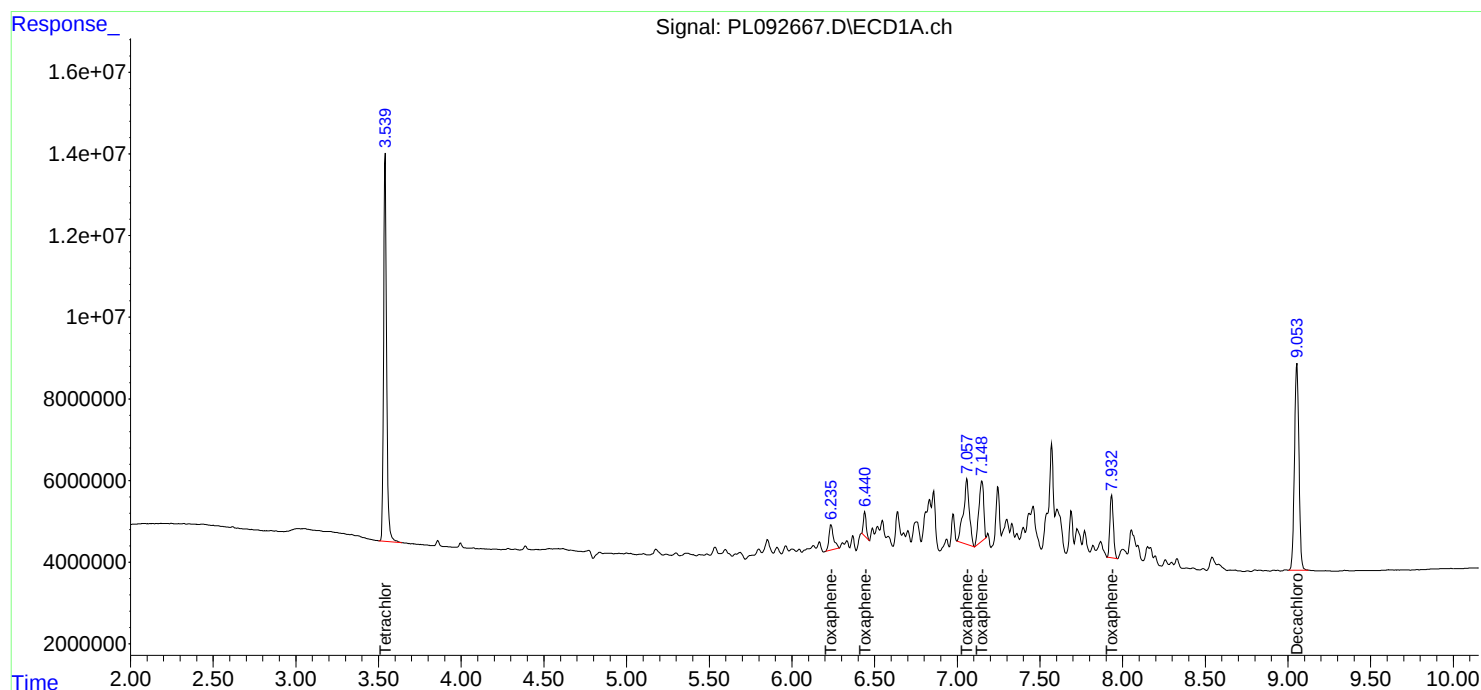
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102824\
Data File : PL092667.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2024 17:23
Operator : AR\AJ
Sample : PTOXICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PTOXICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 17:35:54 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 17:35:39 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x 0.3 Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102824\
 Data File : PL092670.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2024 18:03
 Operator : AR\AJ
 Sample : PSTDICV050
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ICVPL102824

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 18:20:57 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 17:19:58 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.540	2.778	119.9E6	136.6E6	48.932	50.204
28)	SA Decachlor...	9.054	7.916	94182239	139.9E6	48.937	51.259
Target Compounds							
2)	A alpha-BHC	3.996	3.281	167.5E6	204.0E6	49.379	51.127
3)	MA gamma-BHC...	4.328	3.611	160.1E6	197.4E6	49.125	51.136
4)	MA Heptachlor	4.916	3.950	147.0E6	192.1E6	48.942	50.906
5)	MB Aldrin	5.258	4.230	145.8E6	187.4E6	48.580	51.194
6)	B beta-BHC	4.526	3.911	70600682	82244973	48.843	49.959
7)	B delta-BHC	4.773	4.140	153.4E6	196.7E6	49.025	51.190
8)	B Heptachlo...	5.684	4.732	133.1E6	169.7E6	48.213	50.772
9)	A Endosulfan I	6.069	5.102	121.8E6	154.2E6	48.702	50.518
10)	B gamma-Chl...	5.941	4.982	129.8E6	169.3E6	48.769	50.359
11)	B alpha-Chl...	6.019	5.046	129.4E6	167.6E6	48.847	50.380
12)	B 4,4'-DDE	6.193	5.235	116.5E6	164.4E6	49.166	51.019
13)	MA Dieldrin	6.345	5.366	129.0E6	171.0E6	48.947	51.185
14)	MA Endrin	6.575	5.642	110.2E6	147.7E6	48.393	51.063
15)	B Endosulfa...	6.794	5.937	115.4E6	145.0E6	48.417	51.175
16)	A 4,4'-DDD	6.710	5.790	95447383	127.7E6	49.724	51.292
17)	MA 4,4'-DDT	7.024	6.040	102.8E6	137.5E6	49.676	51.253
18)	B Endrin al...	6.924	6.116	91870810	116.2E6	48.920	50.348
19)	B Endosulfa...	7.159	6.339	106.0E6	136.5E6	48.859	50.601
20)	A Methoxychlor	7.500	6.615	57010538	73335025	50.009	51.354
21)	B Endrin ke...	7.644	6.844	118.9E6	157.6E6	49.074	51.358
22)	Mirex	8.117	7.025	96541027	131.1E6	48.716	50.260

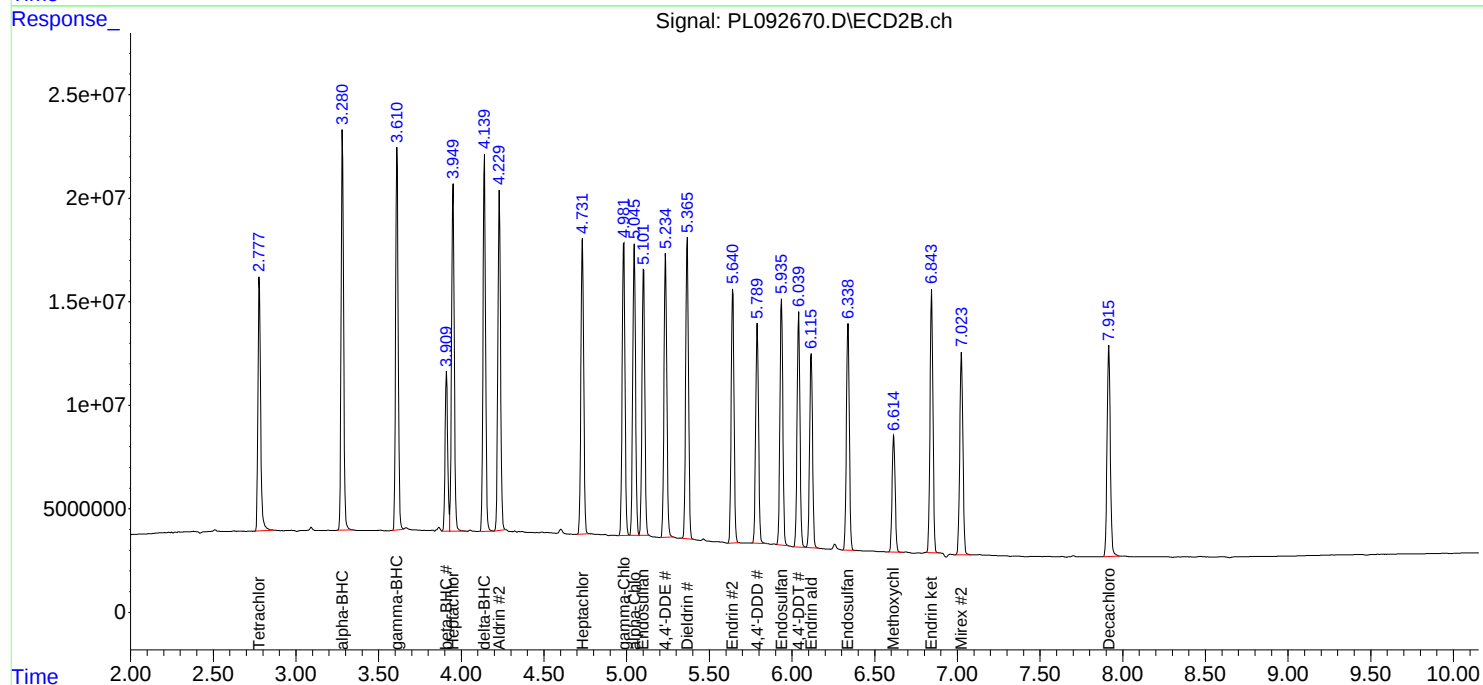
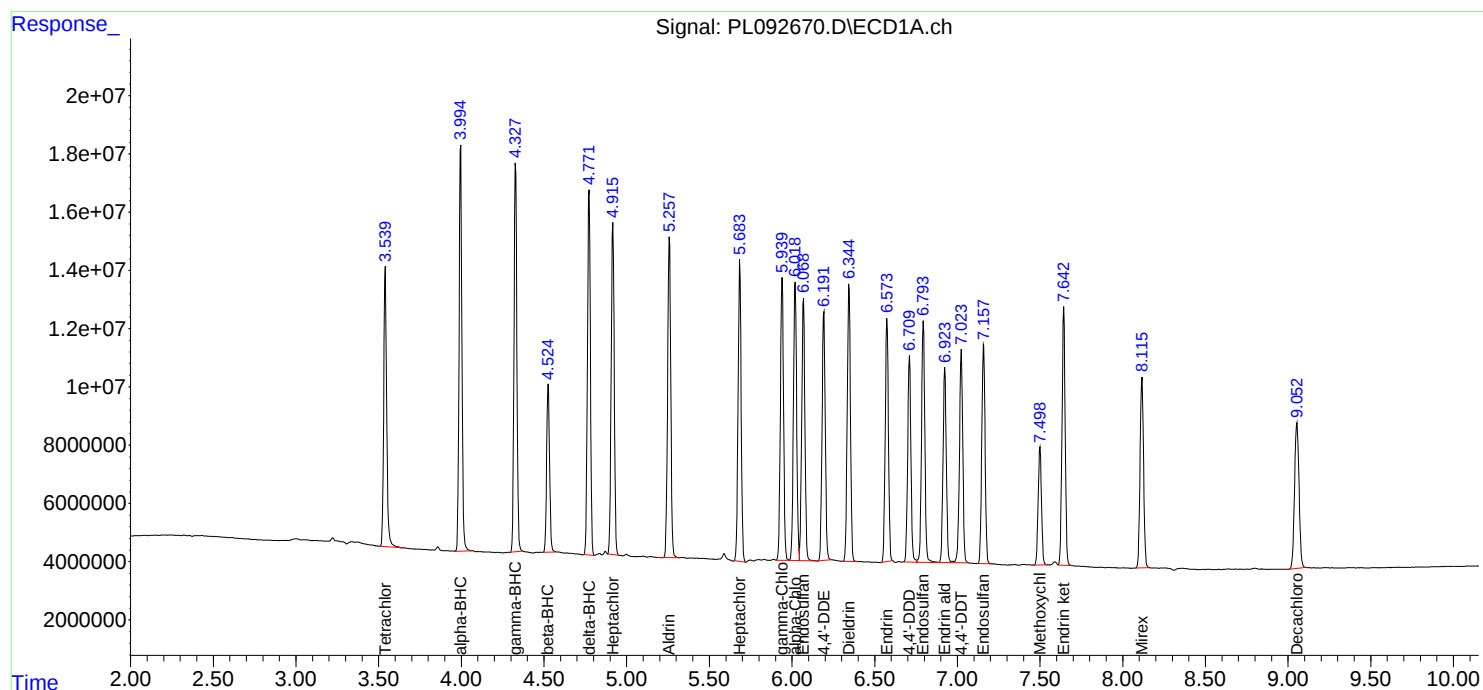
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102824\
Data File : PL092670.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2024 18:03
Operator : AR\AJ
Sample : PSTDICV050
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ICVPL102824

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 18:20:57 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 17:19:58 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102824\
 Data File : PL092671.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2024 18:30
 Operator : AR\AJ
 Sample : PCHLORICV500
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ICVPL102824CHLOR

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 18:55:50 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 18:55:22 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.540	2.777	116.2E6	162.6E6	48.370	49.862
28) SA Decachlor...	9.053	7.915	91212958	135.8E6	48.151	49.359
Target Compounds						
23) Chlordane-1	4.701	3.775	53586597	53029458	487.196	499.551
24) Chlordane-2	5.231	4.352	54950332	60704270	479.439	490.132
25) Chlordane-3	5.941	4.982	186.4E6	180.0E6	477.568	496.319
26) Chlordane-4	6.022	5.045	229.4E6	173.9E6	479.933	497.043
27) Chlordane-5	6.872	5.940	46544927	61748302	491.706	486.943

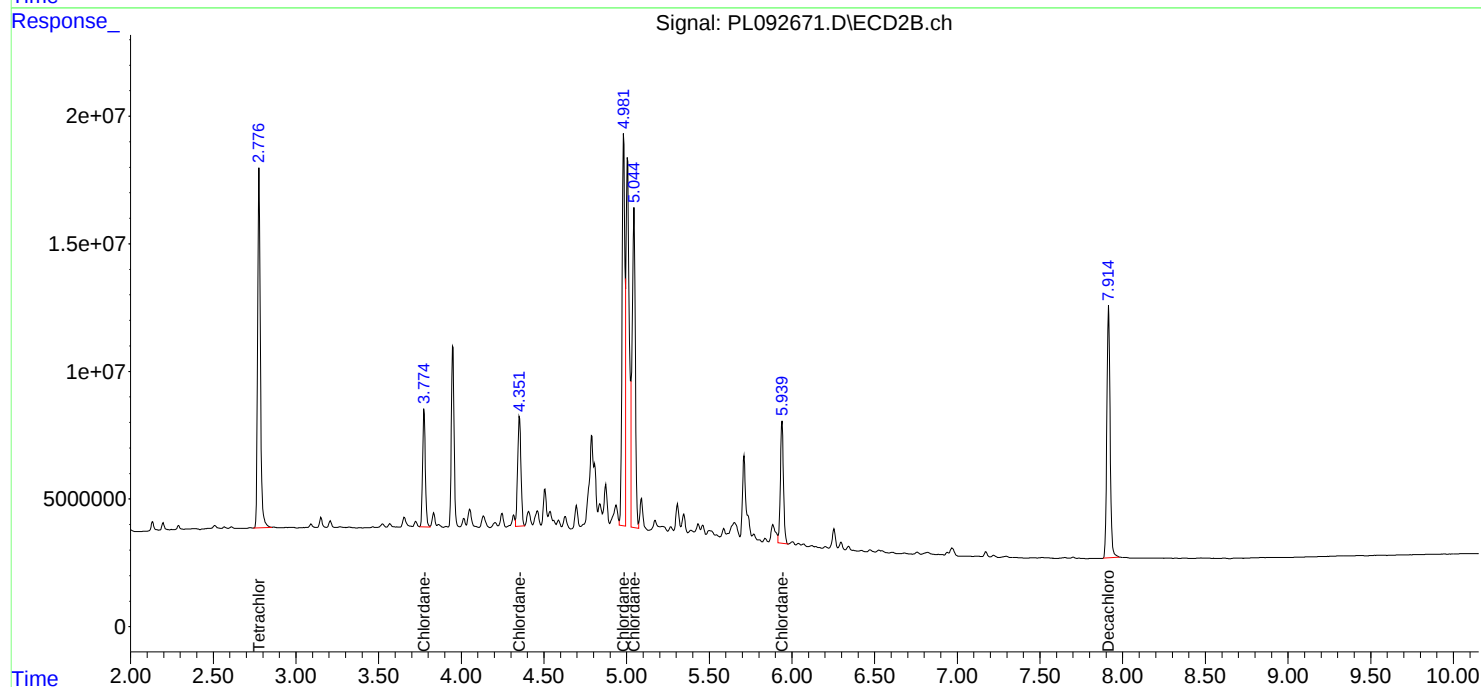
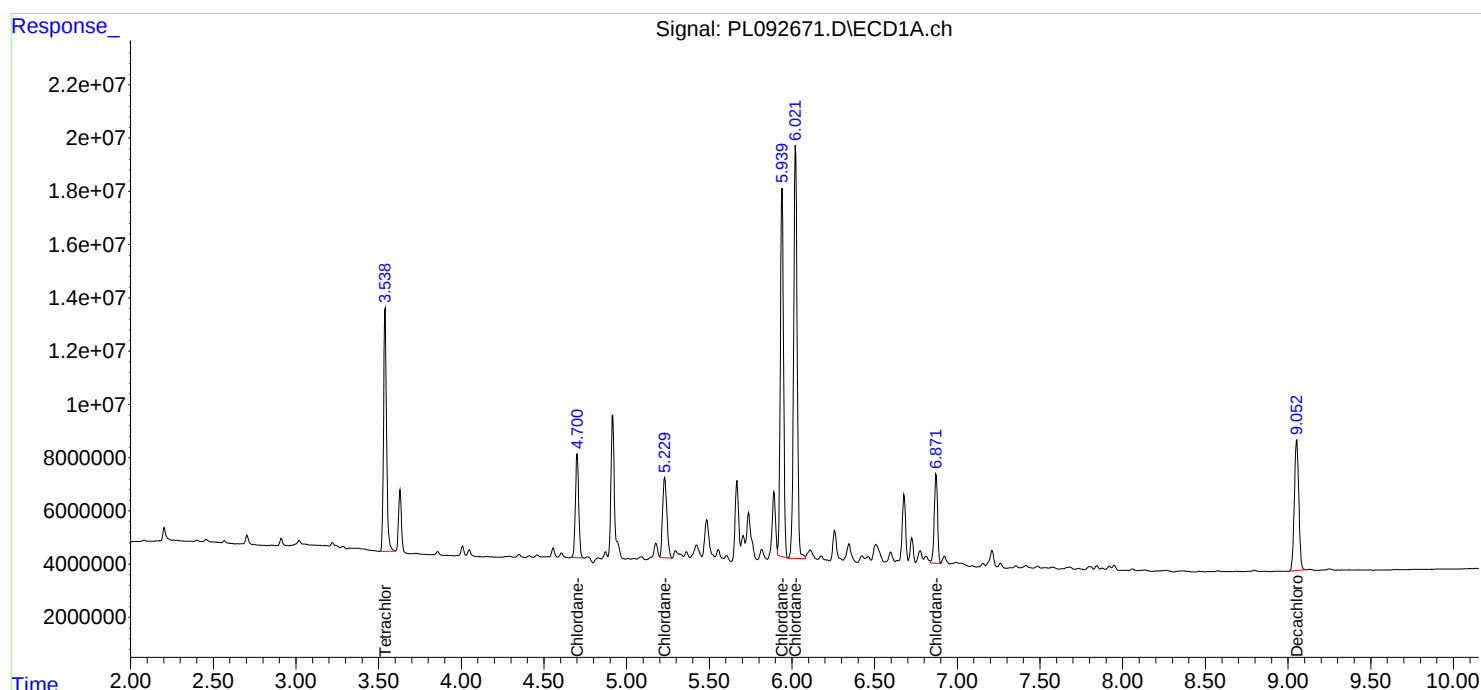
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102824\
Data File : PL092671.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2024 18:30
Operator : AR\AJ
Sample : PCHLORICV500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ICVPL102824CHLOR

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 18:55:50 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:55:22 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102824\
 Data File : PL092672.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2024 18:57
 Operator : AR\AJ
 Sample : PTOXICV500
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ICVPL102824TOX

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 19:11:19 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 18:04:49 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.540	2.778	120.8E6	137.1E6	50.385	51.035
7) SA Decachlor...	9.053	7.916	95483844	139.1E6	50.356	50.519
Target Compounds						
2) Toxaphene-1	6.237	5.006	12257412	10058947	555.039	528.973
3) Toxaphene-2	6.441	5.331	6863785	9788249	506.186	497.458
4) Toxaphene-3	7.058	6.604	39909041	34565997	513.663	508.031
5) Toxaphene-4	7.149	6.732	29767251	48553437	501.141	526.978
6) Toxaphene-5	7.933	7.046	22590334	32781409	503.299	499.967

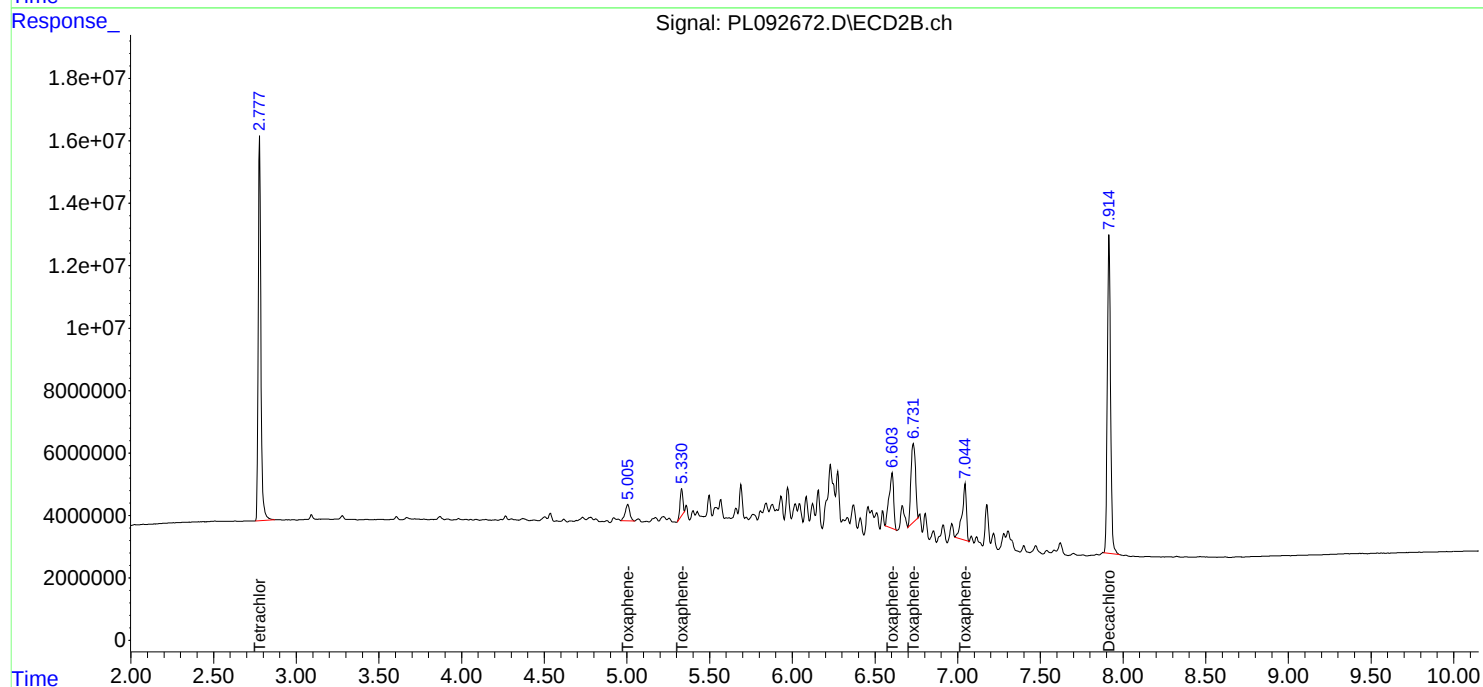
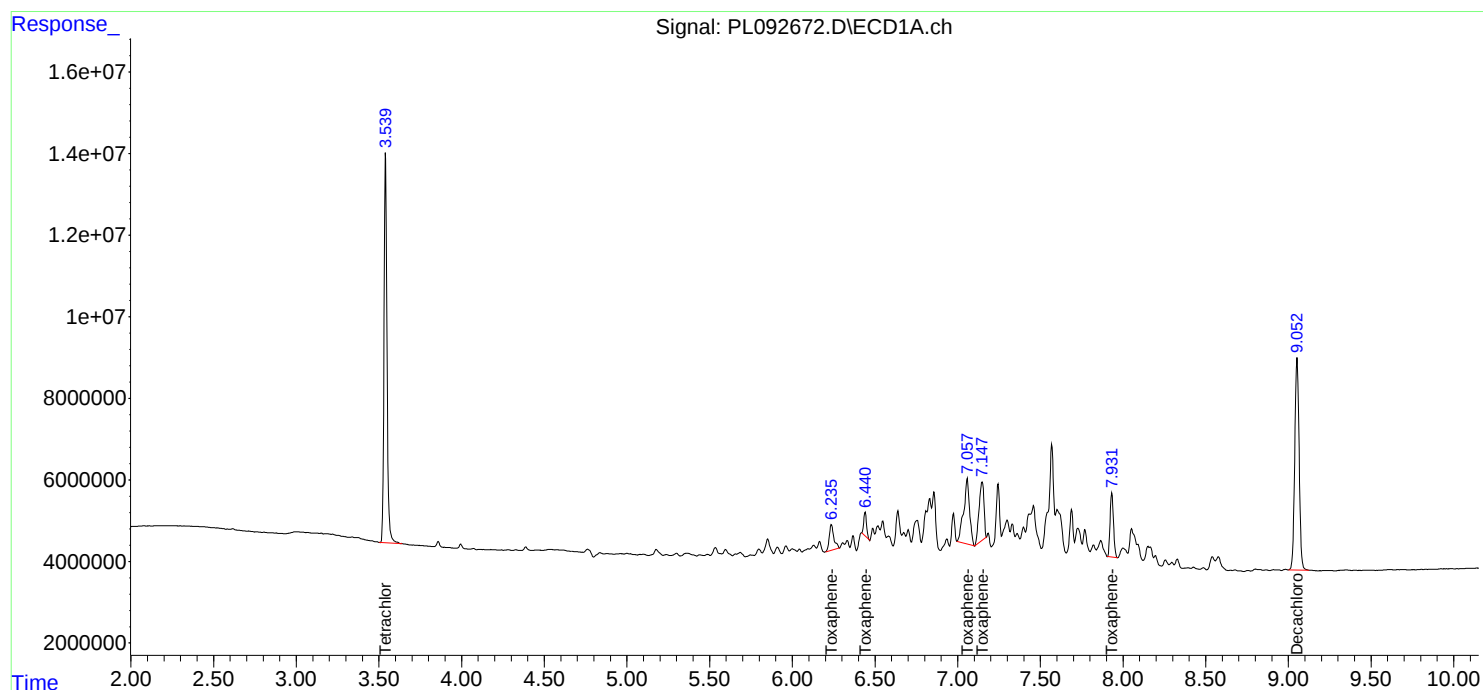
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102824\
Data File : PL092672.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2024 18:57
Operator : AR\AJ
Sample : PTOXICV500
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ICVPL102824TOX

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 19:11:19 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:04:49 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x 0.3 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

Contract: CORN02

Lab Code: CHEM Case No.: P4860 SAS No.: P4860 SDG NO.: P4860

Continuing Calib Date: 11/18/2024 Initial Calibration Date(s): 10/28/2024 10/28/2024

Continuing Calib Time: 09:59 Initial Calibration Time(s): 14:43 15:36

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.06	9.05	8.95	9.15	-0.01
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
alpha-BHC	4.00	4.00	3.90	4.10	0.01
beta-BHC	4.53	4.53	4.43	4.63	0.00
delta-BHC	4.77	4.77	4.67	4.87	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.92	4.92	4.82	5.02	0.00
Aldrin	5.26	5.26	5.16	5.36	0.00
Heptachlor epoxide	5.69	5.68	5.58	5.78	0.00
Endosulfan I	6.07	6.07	5.97	6.17	0.00
Dieldrin	6.35	6.35	6.25	6.45	0.01
4,4'-DDE	6.19	6.19	6.09	6.29	0.00
Endrin	6.58	6.57	6.47	6.67	0.00
Endosulfan II	6.80	6.79	6.69	6.89	-0.01
4,4'-DDD	6.71	6.71	6.61	6.81	0.00
Endosulfan sulfate	7.16	7.16	7.06	7.26	0.00
4,4'-DDT	7.02	7.02	6.92	7.12	0.00
Methoxychlor	7.50	7.50	7.40	7.60	0.00
Endrin ketone	7.64	7.64	7.54	7.74	0.00
Endrin aldehyde	6.92	6.92	6.82	7.02	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



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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CORN02

Lab Code: CHEM Case No.: P4860 SAS No.: P4860 SDG NO.: P4860

Continuing Calib Date: 11/18/2024 Initial Calibration Date(s): 10/28/2024 10/28/2024

Continuing Calib Time: 09:59 Initial Calibration Time(s): 14:43 15:36

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	7.92	7.92	7.82	8.02	0.01
Tetrachloro-m-xylene	2.78	2.78	2.68	2.88	0.00
alpha-BHC	3.28	3.28	3.18	3.38	0.00
beta-BHC	3.91	3.91	3.81	4.01	0.00
delta-BHC	4.14	4.14	4.04	4.24	0.00
gamma-BHC (Lindane)	3.61	3.61	3.51	3.71	0.00
Heptachlor	3.95	3.95	3.85	4.05	0.00
Aldrin	4.23	4.23	4.13	4.33	0.00
Heptachlor epoxide	4.73	4.73	4.63	4.83	0.00
Endosulfan I	5.10	5.10	5.00	5.20	0.00
Dieldrin	5.37	5.37	5.27	5.47	0.01
4,4'-DDE	5.23	5.24	5.14	5.34	0.01
Endrin	5.64	5.64	5.54	5.74	0.00
Endosulfan II	5.94	5.94	5.84	6.04	0.01
4,4'-DDD	5.79	5.79	5.69	5.89	0.00
Endosulfan sulfate	6.34	6.34	6.24	6.44	0.00
4,4'-DDT	6.04	6.04	5.94	6.14	0.00
Methoxychlor	6.61	6.62	6.52	6.72	0.01
Endrin ketone	6.84	6.84	6.74	6.94	0.00
Endrin aldehyde	6.11	6.12	6.02	6.22	0.01
alpha-Chlordane	5.05	5.05	4.95	5.15	0.00
gamma-Chlordane	4.98	4.98	4.88	5.08	0.00



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CALIBRATION VERIFICATION SUMMARY

Contract: CORN02

Lab Code: CHEM Case No.: P4860 SAS No.: P4860 SDG NO.: P4860

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/28/2024 10/28/2024

Client Sample No.: CCAL01 Date Analyzed: 11/18/2024

Lab Sample No.: PSTDCCC050 Data File : PL093100.D Time Analyzed: 09:59

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.710	6.610	6.810	51.130	50.000	2.3
4,4'-DDE	6.193	6.093	6.293	50.700	50.000	1.4
4,4'-DDT	7.024	6.923	7.123	48.900	50.000	-2.2
Aldrin	5.258	5.158	5.358	50.880	50.000	1.8
alpha-BHC	3.995	3.896	4.096	54.020	50.000	8.0
alpha-Chlordane	6.019	5.919	6.119	49.680	50.000	-0.6
beta-BHC	4.525	4.425	4.625	52.270	50.000	4.5
Decachlorobiphenyl	9.056	8.954	9.154	48.900	50.000	-2.2
delta-BHC	4.773	4.672	4.872	52.830	50.000	5.7
Dieldrin	6.345	6.245	6.445	49.220	50.000	-1.6
Endosulfan I	6.070	5.970	6.170	49.530	50.000	-0.9
Endosulfan II	6.795	6.694	6.894	47.320	50.000	-5.4
Endosulfan sulfate	7.159	7.058	7.258	48.460	50.000	-3.1
Endrin	6.575	6.474	6.674	49.110	50.000	-1.8
Endrin aldehyde	6.924	6.824	7.024	48.910	50.000	-2.2
Endrin ketone	7.644	7.543	7.743	48.560	50.000	-2.9
gamma-BHC (Lindane)	4.328	4.228	4.428	53.390	50.000	6.8
gamma-Chlordane	5.941	5.841	6.041	49.100	50.000	-1.8
Heptachlor	4.916	4.817	5.017	51.170	50.000	2.3
Heptachlor epoxide	5.685	5.584	5.784	49.800	50.000	-0.4
Methoxychlor	7.500	7.399	7.599	48.780	50.000	-2.4
Tetrachloro-m-xylene	3.539	3.440	3.640	53.540	50.000	7.1



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CALIBRATION VERIFICATION SUMMARY

Contract: CORN02

Lab Code: CHEM Case No.: P4860 SAS No.: P4860 SDG NO.: P4860

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/28/2024 10/28/2024

Client Sample No.: CCAL01 Date Analyzed: 11/18/2024

Lab Sample No.: PSTDCCC050 Data File : PL093100.D Time Analyzed: 09:59

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.788	5.689	5.889	58.040	50.000	16.1
4,4'-DDE	5.233	5.135	5.335	57.220	50.000	14.4
4,4'-DDT	6.039	5.940	6.140	54.790	50.000	9.6
Aldrin	4.228	4.129	4.329	57.170	50.000	14.3
alpha-BHC	3.280	3.181	3.381	57.320	50.000	14.6
alpha-Chlordane	5.045	4.945	5.145	56.310	50.000	12.6
beta-BHC	3.909	3.810	4.010	55.860	50.000	11.7
Decachlorobiphenyl	7.915	7.816	8.016	48.710	50.000	-2.6
delta-BHC	4.138	4.039	4.239	57.540	50.000	15.1
Dieldrin	5.365	5.266	5.466	56.890	50.000	13.8
Endosulfan I	5.101	5.002	5.202	56.120	50.000	12.2
Endosulfan II	5.935	5.836	6.036	56.090	50.000	12.2
Endosulfan sulfate	6.338	6.238	6.438	54.570	50.000	9.1
Endrin	5.641	5.541	5.741	56.390	50.000	12.8
Endrin aldehyde	6.114	6.015	6.215	54.990	50.000	10.0
Endrin ketone	6.843	6.743	6.943	54.610	50.000	9.2
gamma-BHC (Lindane)	3.610	3.511	3.711	57.140	50.000	14.3
gamma-Chlordane	4.981	4.882	5.082	57.170	50.000	14.3
Heptachlor	3.948	3.849	4.049	55.490	50.000	11.0
Heptachlor epoxide	4.731	4.632	4.832	56.200	50.000	12.4
Methoxychlor	6.614	6.515	6.715	51.830	50.000	3.7
Tetrachloro-m-xylene	2.777	2.678	2.878	55.280	50.000	10.6

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111824\
 Data File : PL093100.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Nov 2024 09:59
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 19 01:23:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 18:58:23 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.539	2.777	131.2E6	150.4E6	53.541	55.280
28)	SA Decachlor...	9.056	7.915	94113205	132.9E6	48.901	48.709
Target Compounds							
2)	A alpha-BHC	3.995	3.280	183.2E6	228.7E6	54.016	57.324
3)	MA gamma-BHC...	4.328	3.610	174.0E6	220.5E6	53.390	57.137
4)	MA Heptachlor	4.916	3.948	153.7E6	209.4E6	51.167	55.485
5)	MB Aldrin	5.258	4.228	152.7E6	209.3E6	50.876	57.172
6)	B beta-BHC	4.525	3.909	75551642	91952124	52.268	55.856
7)	B delta-BHC	4.773	4.138	165.4E6	221.1E6	52.830	57.542
8)	B Heptachlo...	5.685	4.731	137.5E6	187.8E6	49.796	56.200
9)	A Endosulfan I	6.070	5.101	123.9E6	171.3E6	49.533	56.121
10)	B gamma-Chl...	5.941	4.981	130.6E6	192.2E6	49.102	57.171
11)	B alpha-Chl...	6.019	5.045	131.6E6	187.3E6	49.680	56.314
12)	B 4,4'-DDE	6.193	5.233	120.1E6	184.3E6	50.697	57.222
13)	MA Dieldrin	6.345	5.365	129.7E6	190.0E6	49.216	56.886
14)	MA Endrin	6.575	5.641	111.8E6	163.1E6	49.113	56.389
15)	B Endosulfa...	6.795	5.935	112.8E6	158.9E6	47.323	56.094
16)	A 4,4'-DDD	6.710	5.788	98147932	144.5E6	51.131	58.040
17)	MA 4,4'-DDT	7.024	6.039	101.2E6	147.0E6	48.901	54.794
18)	B Endrin al...	6.924	6.114	91849680	126.9E6	48.909	54.988
19)	B Endosulfa...	7.159	6.338	105.2E6	147.2E6	48.460	54.574
20)	A Methoxychlor	7.500	6.614	55609879	74018389	48.781	51.833
21)	B Endrin ke...	7.644	6.843	117.7E6	167.6E6	48.560	54.609
22)	Mirex	8.117	7.023	92964099	135.1E6	46.911	51.784

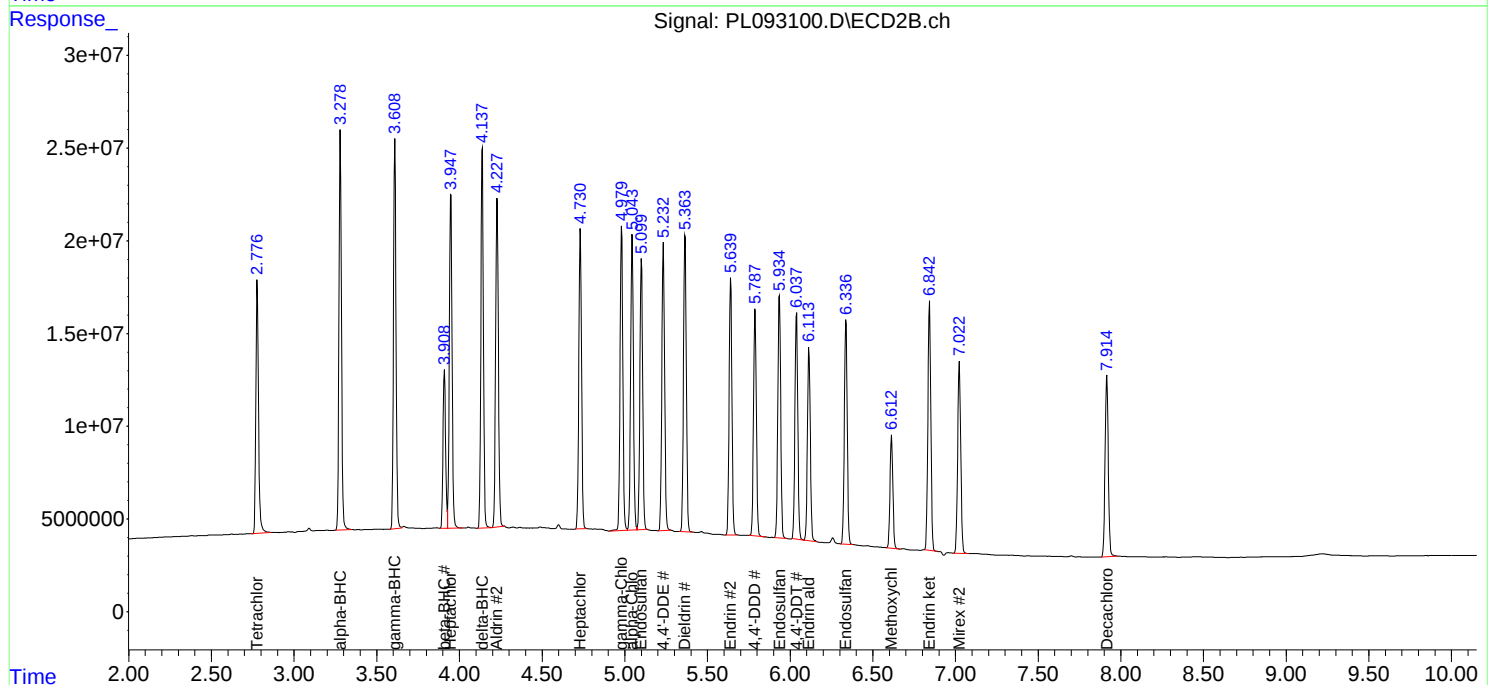
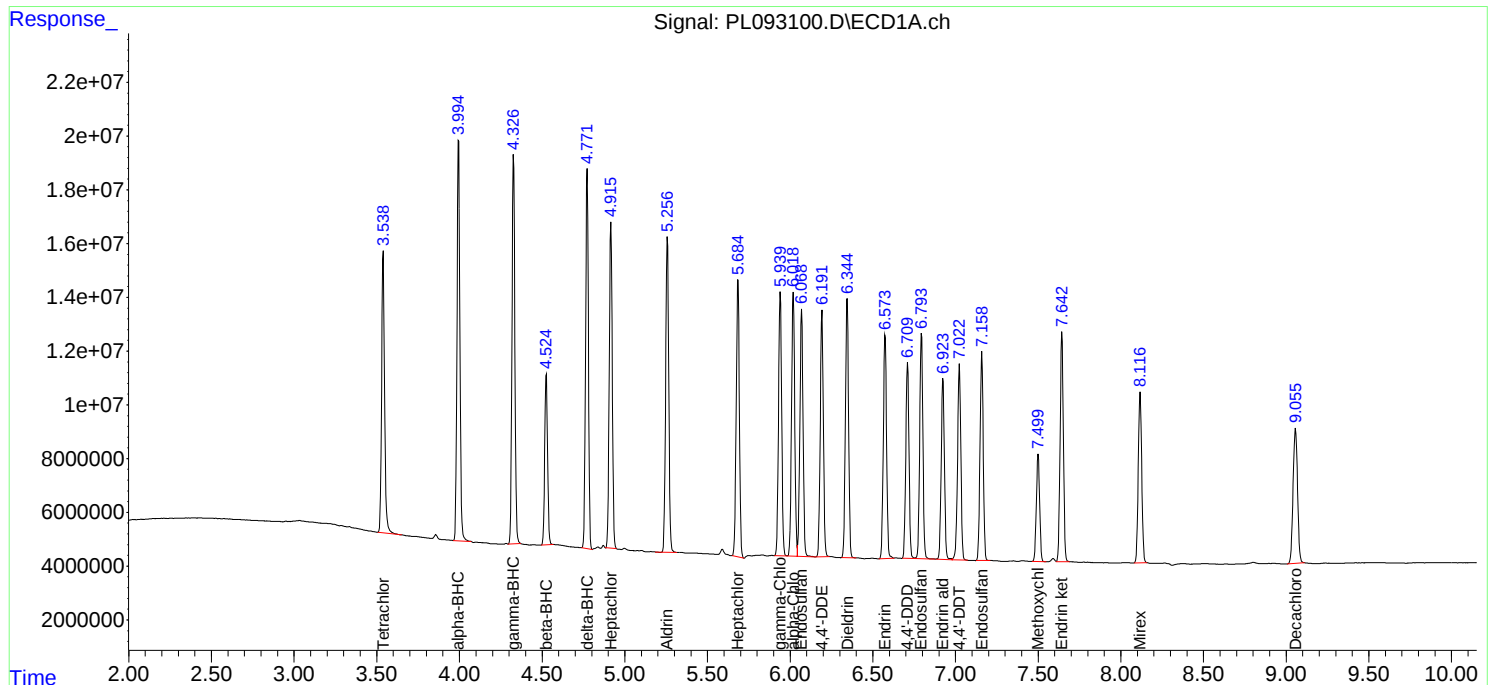
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111824\
Data File : PL093100.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2024 09:59
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 01:23:41 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

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





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

CALIBRATION VERIFICATION SUMMARY

Contract: CORN02

Lab Code: CHEM Case No.: P4860 SAS No.: P4860 SDG NO.: P4860

Continuing Calib Date: 11/18/2024 Initial Calibration Date(s): 10/28/2024 10/28/2024

Continuing Calib Time: 13:32 Initial Calibration Time(s): 14:43 15:36

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.06	9.05	8.95	9.15	-0.01
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
alpha-BHC	4.00	4.00	3.90	4.10	0.01
beta-BHC	4.53	4.53	4.43	4.63	0.00
delta-BHC	4.77	4.77	4.67	4.87	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.92	4.92	4.82	5.02	0.00
Aldrin	5.26	5.26	5.16	5.36	0.00
Heptachlor epoxide	5.68	5.68	5.58	5.78	0.00
Endosulfan I	6.07	6.07	5.97	6.17	0.00
Dieldrin	6.35	6.35	6.25	6.45	0.01
4,4'-DDE	6.19	6.19	6.09	6.29	0.00
Endrin	6.58	6.57	6.47	6.67	0.00
Endosulfan II	6.79	6.79	6.69	6.89	0.00
4,4'-DDD	6.71	6.71	6.61	6.81	0.00
Endosulfan sulfate	7.16	7.16	7.06	7.26	0.00
4,4'-DDT	7.02	7.02	6.92	7.12	0.00
Methoxychlor	7.50	7.50	7.40	7.60	0.00
Endrin ketone	7.64	7.64	7.54	7.74	0.00
Endrin aldehyde	6.93	6.92	6.82	7.02	-0.01
alpha-Chlordane	6.02	6.02	5.92	6.12	0.00
gamma-Chlordane	5.94	5.94	5.84	6.04	0.00



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CALIBRATION VERIFICATION SUMMARY

Contract: CORN02

Lab Code: CHEM Case No.: P4860 SAS No.: P4860 SDG NO.: P4860

Continuing Calib Date: 11/18/2024 Initial Calibration Date(s): 10/28/2024 10/28/2024

Continuing Calib Time: 13:32 Initial Calibration Time(s): 14:43 15:36

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	7.92	7.92	7.82	8.02	0.00
Tetrachloro-m-xylene	2.78	2.78	2.68	2.88	0.00
alpha-BHC	3.28	3.28	3.18	3.38	0.00
beta-BHC	3.91	3.91	3.81	4.01	0.00
delta-BHC	4.14	4.14	4.04	4.24	0.00
gamma-BHC (Lindane)	3.61	3.61	3.51	3.71	0.00
Heptachlor	3.95	3.95	3.85	4.05	0.00
Aldrin	4.23	4.23	4.13	4.33	0.00
Heptachlor epoxide	4.73	4.73	4.63	4.83	0.00
Endosulfan I	5.10	5.10	5.00	5.20	0.00
Dieldrin	5.36	5.37	5.27	5.47	0.01
4,4'-DDE	5.23	5.24	5.14	5.34	0.01
Endrin	5.64	5.64	5.54	5.74	0.00
Endosulfan II	5.94	5.94	5.84	6.04	0.01
4,4'-DDD	5.79	5.79	5.69	5.89	0.00
Endosulfan sulfate	6.34	6.34	6.24	6.44	0.00
4,4'-DDT	6.04	6.04	5.94	6.14	0.00
Methoxychlor	6.61	6.62	6.52	6.72	0.01
Endrin ketone	6.84	6.84	6.74	6.94	0.00
Endrin aldehyde	6.11	6.12	6.02	6.22	0.01
alpha-Chlordane	5.04	5.05	4.95	5.15	0.01
gamma-Chlordane	4.98	4.98	4.88	5.08	0.00



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CALIBRATION VERIFICATION SUMMARY

Contract: CORN02

Lab Code: CHEM Case No.: P4860 SAS No.: P4860 SDG NO.: P4860

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/28/2024 10/28/2024

Client Sample No.: CCAL02 Date Analyzed: 11/18/2024

Lab Sample No.: PSTDCCC050 Data File : PL093112.D Time Analyzed: 13:32

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.710	6.610	6.810	50.310	50.000	0.6
4,4'-DDE	6.192	6.093	6.293	49.210	50.000	-1.6
4,4'-DDT	7.024	6.923	7.123	45.840	50.000	-8.3
Aldrin	5.258	5.158	5.358	48.420	50.000	-3.2
alpha-BHC	3.995	3.896	4.096	50.940	50.000	1.9
alpha-Chlordane	6.019	5.919	6.119	47.550	50.000	-4.9
beta-BHC	4.525	4.425	4.625	50.170	50.000	0.3
Decachlorobiphenyl	9.057	8.954	9.154	46.500	50.000	-7.0
delta-BHC	4.772	4.672	4.872	50.200	50.000	0.4
Dieldrin	6.345	6.245	6.445	47.660	50.000	-4.7
Endosulfan I	6.070	5.970	6.170	47.610	50.000	-4.8
Endosulfan II	6.794	6.694	6.894	45.770	50.000	-8.5
Endosulfan sulfate	7.159	7.058	7.258	46.860	50.000	-6.3
Endrin	6.575	6.474	6.674	47.010	50.000	-6.0
Endrin aldehyde	6.925	6.824	7.024	46.630	50.000	-6.7
Endrin ketone	7.644	7.543	7.743	47.200	50.000	-5.6
gamma-BHC (Lindane)	4.327	4.228	4.428	50.430	50.000	0.9
gamma-Chlordane	5.940	5.841	6.041	46.810	50.000	-6.4
Heptachlor	4.916	4.817	5.017	48.620	50.000	-2.8
Heptachlor epoxide	5.684	5.584	5.784	48.080	50.000	-3.8
Methoxychlor	7.501	7.399	7.599	46.550	50.000	-6.9
Tetrachloro-m-xylene	3.539	3.440	3.640	50.600	50.000	1.2



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CALIBRATION VERIFICATION SUMMARY

Contract: CORN02

Lab Code: CHEM Case No.: P4860 SAS No.: P4860 SDG NO.: P4860

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/28/2024 10/28/2024

Client Sample No.: CCAL02 Date Analyzed: 11/18/2024

Lab Sample No.: PSTDCCC050 Data File : PL093112.D Time Analyzed: 13:32

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.788	5.689	5.889	58.030	50.000	16.1
4,4'-DDE	5.233	5.135	5.335	55.620	50.000	11.2
4,4'-DDT	6.039	5.940	6.140	52.430	50.000	4.9
Aldrin	4.228	4.129	4.329	54.850	50.000	9.7
alpha-BHC	3.280	3.181	3.381	54.620	50.000	9.2
alpha-Chlordane	5.044	4.945	5.145	54.410	50.000	8.8
beta-BHC	3.909	3.810	4.010	53.680	50.000	7.4
Decachlorobiphenyl	7.916	7.816	8.016	49.310	50.000	-1.4
delta-BHC	4.138	4.039	4.239	55.290	50.000	10.6
Dieldrin	5.364	5.266	5.466	55.070	50.000	10.1
Endosulfan I	5.100	5.002	5.202	54.510	50.000	9.0
Endosulfan II	5.935	5.836	6.036	55.080	50.000	10.2
Endosulfan sulfate	6.338	6.238	6.438	54.170	50.000	8.3
Endrin	5.640	5.541	5.741	54.960	50.000	9.9
Endrin aldehyde	6.114	6.015	6.215	53.070	50.000	6.1
Endrin ketone	6.843	6.743	6.943	53.870	50.000	7.7
gamma-BHC (Lindane)	3.610	3.511	3.711	54.390	50.000	8.8
gamma-Chlordane	4.981	4.882	5.082	55.500	50.000	11.0
Heptachlor	3.949	3.849	4.049	53.560	50.000	7.1
Heptachlor epoxide	4.731	4.632	4.832	54.300	50.000	8.6
Methoxychlor	6.614	6.515	6.715	51.800	50.000	3.6
Tetrachloro-m-xylene	2.777	2.678	2.878	52.890	50.000	5.8

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111824\
 Data File : PL093112.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Nov 2024 13:32
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 19 01:27:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 18:58:23 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.539	2.777	124.0E6	143.9E6	50.602	52.888
28) SA Decachlor...	9.057	7.916	89496073	134.6E6	46.502	49.308
Target Compounds						
2) A alpha-BHC	3.995	3.280	172.8E6	217.9E6	50.939	54.616
3) MA gamma-BHC...	4.327	3.610	164.4E6	209.9E6	50.430	54.394
4) MA Heptachlor	4.916	3.949	146.0E6	202.1E6	48.623	53.556
5) MB Aldrin	5.258	4.228	145.3E6	200.8E6	48.416	54.849
6) B beta-BHC	4.525	3.909	72520967	88370158	50.172	53.680
7) B delta-BHC	4.772	4.138	157.1E6	212.5E6	50.201	55.289
8) B Heptachlo...	5.684	4.731	132.8E6	181.4E6	48.079	54.299
9) A Endosulfan I	6.070	5.100	119.1E6	166.4E6	47.605	54.510
10) B gamma-Chl...	5.940	4.981	124.5E6	186.6E6	46.811	55.502
11) B alpha-Chl...	6.019	5.044	125.9E6	181.0E6	47.548	54.406
12) B 4,4'-DDE	6.192	5.233	116.6E6	179.2E6	49.208	55.622
13) MA Dieldrin	6.345	5.364	125.6E6	184.0E6	47.662	55.073
14) MA Endrin	6.575	5.640	107.0E6	159.0E6	47.005	54.965
15) B Endosulfa...	6.794	5.935	109.1E6	156.1E6	45.766	55.079
16) A 4,4'-DDD	6.710	5.788	96568491	144.5E6	50.309	58.029
17) MA 4,4'-DDT	7.024	6.039	94877492	140.6E6	45.840	52.435
18) B Endrin al...	6.925	6.114	87577407	122.5E6	46.634	53.075
19) B Endosulfa...	7.159	6.338	101.7E6	146.1E6	46.861	54.173
20) A Methoxychlor	7.501	6.614	53063277	73967226	46.547	51.797
21) B Endrin ke...	7.644	6.843	114.4E6	165.3E6	47.203	53.871
22) Mirex	8.118	7.023	89129766	132.9E6	44.976	50.935

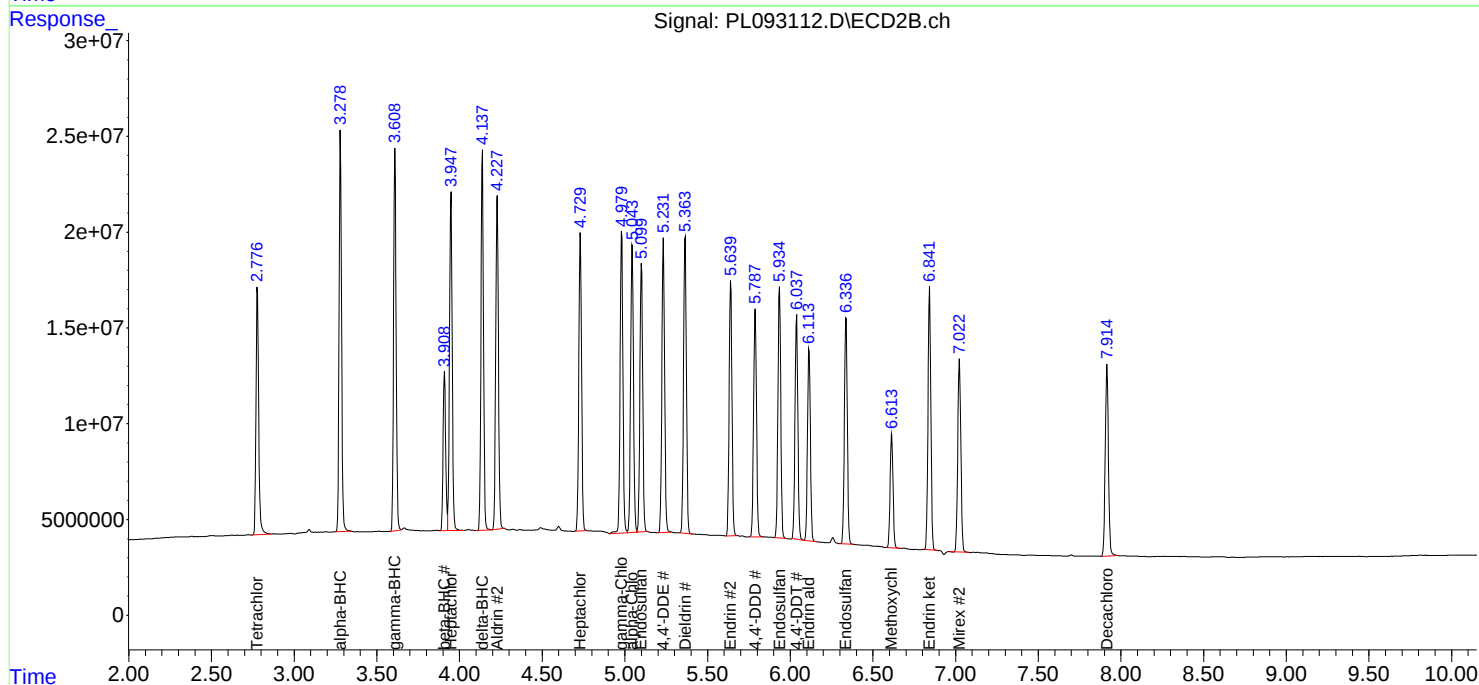
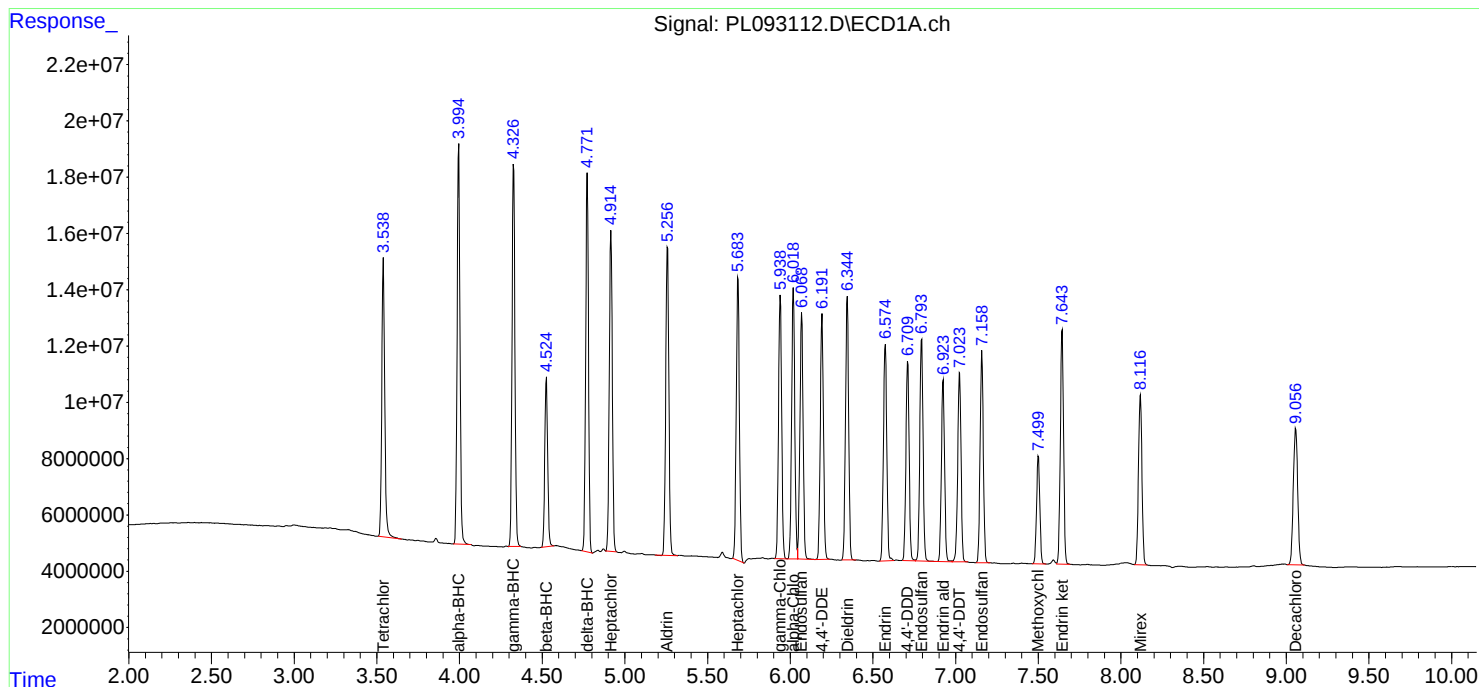
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111824\
Data File : PL093112.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2024 13:32
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 01:27:12 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

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





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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CORN02

Lab Code: CHEM Case No.: P4860 SAS No.: P4860 SDG NO.: P4860

Continuing Calib Date: 11/18/2024 Initial Calibration Date(s): 10/28/2024 10/28/2024

Continuing Calib Time: 18:21 Initial Calibration Time(s): 14:43 15:36

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.06	9.05	8.95	9.15	-0.01
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
alpha-BHC	4.00	4.00	3.90	4.10	0.01
beta-BHC	4.53	4.53	4.43	4.63	0.00
delta-BHC	4.77	4.77	4.67	4.87	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.92	4.92	4.82	5.02	0.00
Aldrin	5.26	5.26	5.16	5.36	0.00
Heptachlor epoxide	5.68	5.68	5.58	5.78	0.00
Endosulfan I	6.07	6.07	5.97	6.17	0.00
Dieldrin	6.35	6.35	6.25	6.45	0.01
4,4'-DDE	6.19	6.19	6.09	6.29	0.00
Endrin	6.58	6.57	6.47	6.67	0.00
Endosulfan II	6.80	6.79	6.69	6.89	-0.01
4,4'-DDD	6.71	6.71	6.61	6.81	0.00
Endosulfan sulfate	7.16	7.16	7.06	7.26	0.00
4,4'-DDT	7.03	7.02	6.92	7.12	-0.01
Methoxychlor	7.50	7.50	7.40	7.60	0.00
Endrin ketone	7.64	7.64	7.54	7.74	0.00
Endrin aldehyde	6.93	6.92	6.82	7.02	-0.01
alpha-Chlordane	6.02	6.02	5.92	6.12	0.00
gamma-Chlordane	5.94	5.94	5.84	6.04	0.00



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CALIBRATION VERIFICATION SUMMARY

Contract: CORN02

Lab Code: CHEM Case No.: P4860 SAS No.: P4860 SDG NO.: P4860

Continuing Calib Date: 11/18/2024 Initial Calibration Date(s): 10/28/2024 10/28/2024

Continuing Calib Time: 18:21 Initial Calibration Time(s): 14:43 15:36

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	7.92	7.92	7.82	8.02	0.01
Tetrachloro-m-xylene	2.78	2.78	2.68	2.88	0.00
alpha-BHC	3.28	3.28	3.18	3.38	0.00
beta-BHC	3.91	3.91	3.81	4.01	0.00
delta-BHC	4.14	4.14	4.04	4.24	0.00
gamma-BHC (Lindane)	3.61	3.61	3.51	3.71	0.00
Heptachlor	3.95	3.95	3.85	4.05	0.00
Aldrin	4.23	4.23	4.13	4.33	0.00
Heptachlor epoxide	4.73	4.73	4.63	4.83	0.00
Endosulfan I	5.10	5.10	5.00	5.20	0.00
Dieldrin	5.37	5.37	5.27	5.47	0.01
4,4'-DDE	5.23	5.24	5.14	5.34	0.01
Endrin	5.64	5.64	5.54	5.74	0.00
Endosulfan II	5.94	5.94	5.84	6.04	0.01
4,4'-DDD	5.79	5.79	5.69	5.89	0.00
Endosulfan sulfate	6.34	6.34	6.24	6.44	0.00
4,4'-DDT	6.04	6.04	5.94	6.14	0.00
Methoxychlor	6.61	6.62	6.52	6.72	0.01
Endrin ketone	6.84	6.84	6.74	6.94	0.00
Endrin aldehyde	6.12	6.12	6.02	6.22	0.01
alpha-Chlordane	5.05	5.05	4.95	5.15	0.00
gamma-Chlordane	4.98	4.98	4.88	5.08	0.00



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CALIBRATION VERIFICATION SUMMARY

Contract: CORN02

Lab Code: CHEM Case No.: P4860 SAS No.: P4860 SDG NO.: P4860

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/28/2024 10/28/2024

Client Sample No.: CCAL03 Date Analyzed: 11/18/2024

Lab Sample No.: PSTDCCC050 Data File : PL093134.D Time Analyzed: 18:21

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.711	6.610	6.810	53.610	50.000	7.2
4,4'-DDE	6.193	6.093	6.293	49.370	50.000	-1.3
4,4'-DDT	7.025	6.923	7.123	41.650	50.000	-16.7
Aldrin	5.258	5.158	5.358	48.800	50.000	-2.4
alpha-BHC	3.995	3.896	4.096	51.090	50.000	2.2
alpha-Chlordane	6.020	5.919	6.119	47.920	50.000	-4.2
beta-BHC	4.526	4.425	4.625	50.040	50.000	0.1
Decachlorobiphenyl	9.056	8.954	9.154	46.980	50.000	-6.0
delta-BHC	4.773	4.672	4.872	50.750	50.000	1.5
Dieldrin	6.345	6.245	6.445	47.910	50.000	-4.2
Endosulfan I	6.070	5.970	6.170	47.810	50.000	-4.4
Endosulfan II	6.795	6.694	6.894	46.520	50.000	-7.0
Endosulfan sulfate	7.159	7.058	7.258	47.130	50.000	-5.7
Endrin	6.575	6.474	6.674	45.630	50.000	-8.7
Endrin aldehyde	6.925	6.824	7.024	46.780	50.000	-6.4
Endrin ketone	7.644	7.543	7.743	48.130	50.000	-3.7
gamma-BHC (Lindane)	4.328	4.228	4.428	50.460	50.000	0.9
gamma-Chlordane	5.941	5.841	6.041	47.340	50.000	-5.3
Heptachlor	4.916	4.817	5.017	48.170	50.000	-3.7
Heptachlor epoxide	5.684	5.584	5.784	48.220	50.000	-3.6
Methoxychlor	7.500	7.399	7.599	42.500	50.000	-15.0
Tetrachloro-m-xylene	3.540	3.440	3.640	49.920	50.000	-0.2



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

CALIBRATION VERIFICATION SUMMARY

Contract: CORN02

Lab Code: CHEM Case No.: P4860 SAS No.: P4860 SDG NO.: P4860

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/28/2024 10/28/2024

Client Sample No.: CCAL03 Date Analyzed: 11/18/2024

Lab Sample No.: PSTDCCC050 Data File : PL093134.D Time Analyzed: 18:21

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.789	5.689	5.889	62.250	50.000	24.5
4,4'-DDE	5.234	5.135	5.335	57.220	50.000	14.4
4,4'-DDT	6.039	5.940	6.140	47.680	50.000	-4.6
Aldrin	4.229	4.129	4.329	56.030	50.000	12.1
alpha-BHC	3.280	3.181	3.381	55.470	50.000	10.9
alpha-Chlordane	5.045	4.945	5.145	55.700	50.000	11.4
beta-BHC	3.910	3.810	4.010	54.670	50.000	9.3
Decachlorobiphenyl	7.915	7.816	8.016	51.160	50.000	2.3
delta-BHC	4.139	4.039	4.239	56.510	50.000	13.0
Dieldrin	5.365	5.266	5.466	56.060	50.000	12.1
Endosulfan I	5.101	5.002	5.202	55.400	50.000	10.8
Endosulfan II	5.935	5.836	6.036	56.100	50.000	12.2
Endosulfan sulfate	6.338	6.238	6.438	55.180	50.000	10.4
Endrin	5.641	5.541	5.741	53.880	50.000	7.8
Endrin aldehyde	6.115	6.015	6.215	55.000	50.000	10.0
Endrin ketone	6.843	6.743	6.943	55.880	50.000	11.8
gamma-BHC (Lindane)	3.610	3.511	3.711	55.180	50.000	10.4
gamma-Chlordane	4.981	4.882	5.082	56.740	50.000	13.5
Heptachlor	3.949	3.849	4.049	53.770	50.000	7.5
Heptachlor epoxide	4.731	4.632	4.832	55.490	50.000	11.0
Methoxychlor	6.614	6.515	6.715	48.760	50.000	-2.5
Tetrachloro-m-xylene	2.778	2.678	2.878	53.760	50.000	7.5

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111824\
 Data File : PL093134.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Nov 2024 18:21
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 19 09:03:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 18:58:23 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.540	2.778	122.3E6	146.3E6	49.923	53.755
28)	SA Decachlor...	9.056	7.915	90420672	139.6E6	46.983	51.165
Target Compounds							
2)	A alpha-BHC	3.995	3.280	173.3E6	221.3E6	51.086	55.469
3)	MA gamma-BHC...	4.328	3.610	164.5E6	213.0E6	50.460	55.182
4)	MA Heptachlor	4.916	3.949	144.7E6	202.9E6	48.175	53.770
5)	MB Aldrin	5.258	4.229	146.5E6	205.1E6	48.802	56.031
6)	B beta-BHC	4.526	3.910	72333141	90003018	50.042	54.672
7)	B delta-BHC	4.773	4.139	158.8E6	217.2E6	50.748	56.506
8)	B Heptachlo...	5.684	4.731	133.2E6	185.4E6	48.224	55.494
9)	A Endosulfan I	6.070	5.101	119.6E6	169.1E6	47.813	55.396
10)	B gamma-Chl...	5.941	4.981	125.9E6	190.7E6	47.336	56.740
11)	B alpha-Chl...	6.020	5.045	126.9E6	185.3E6	47.925	55.699
12)	B 4,4'-DDE	6.193	5.234	117.0E6	184.3E6	49.370	57.219
13)	MA Dieldrin	6.345	5.365	126.3E6	187.3E6	47.913	56.059
14)	MA Endrin	6.575	5.641	103.9E6	155.9E6	45.635	53.877
15)	B Endosulfa...	6.795	5.935	110.9E6	159.0E6	46.518	56.102
16)	A 4,4'-DDD	6.711	5.789	102.9E6	155.0E6	53.610	62.246
17)	MA 4,4'-DDT	7.025	6.039	86197130	127.9E6	41.646	47.680
18)	B Endrin al...	6.925	6.115	87855246	126.9E6	46.782	54.997
19)	B Endosulfa...	7.159	6.338	102.3E6	148.8E6	47.132	55.176
20)	A Methoxychlor	7.500	6.614	48446895	69635226	42.497	48.763
21)	B Endrin ke...	7.644	6.843	116.6E6	171.5E6	48.128	55.884
22)	Mirex	8.118	7.023	89426890	135.7E6	45.126	51.994

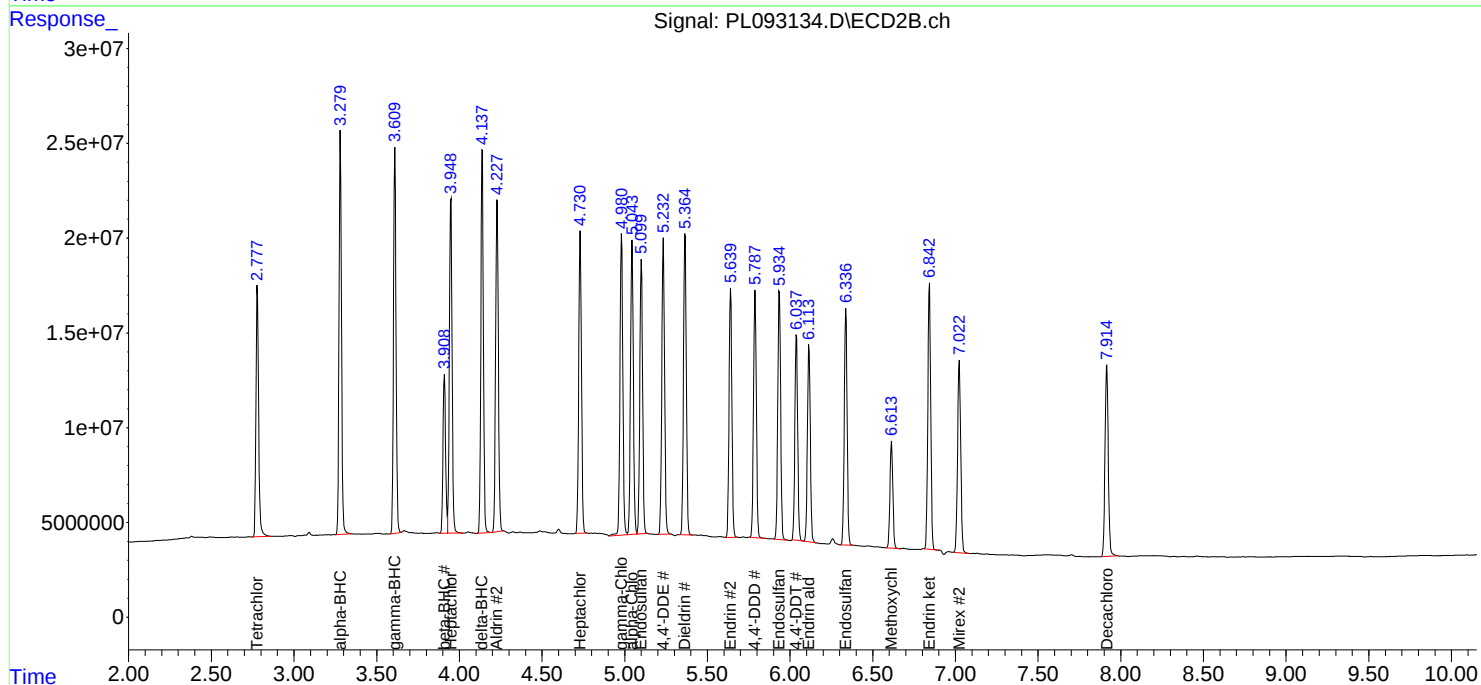
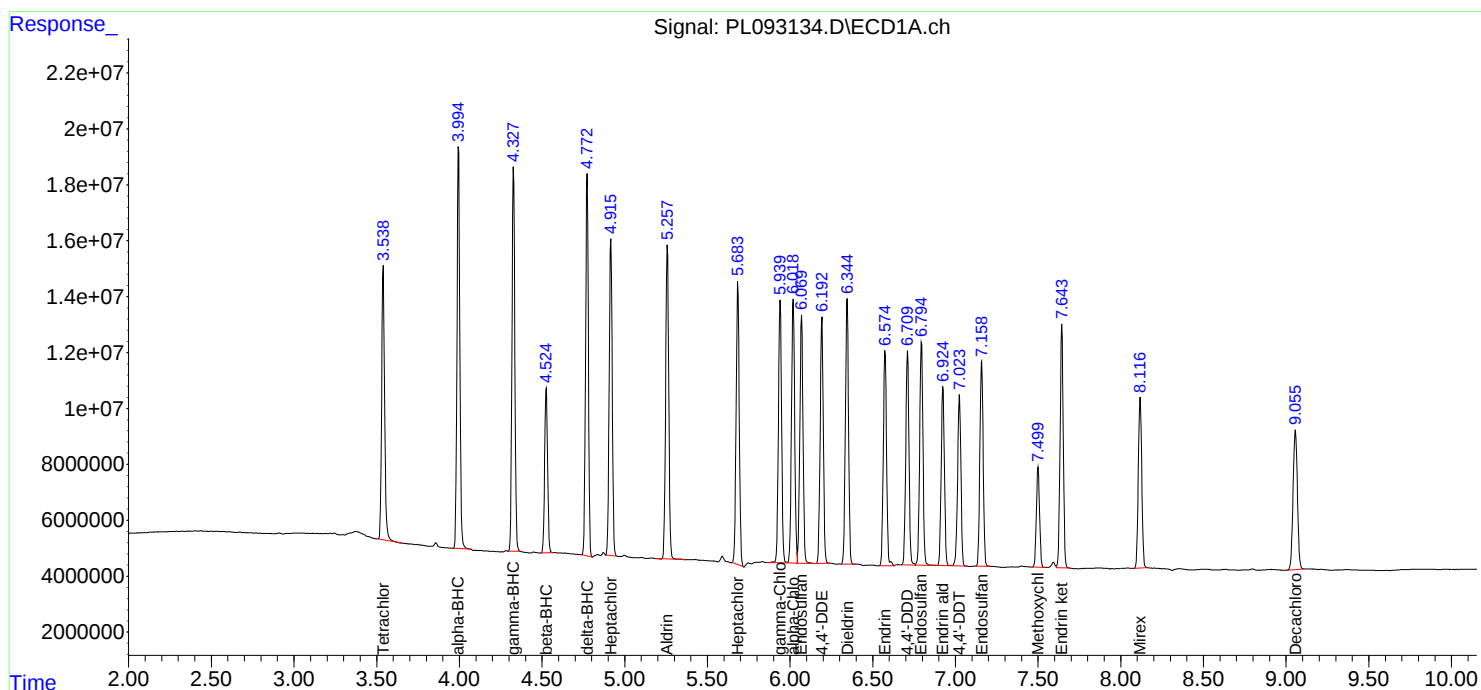
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111824\
Data File : PL093134.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2024 18:21
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 09:03:49 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

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





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

CALIBRATION VERIFICATION SUMMARY

Contract: CORN02

Lab Code: CHEM Case No.: P4860 SAS No.: P4860 SDG NO.: P4860

Continuing Calib Date: 11/19/2024 Initial Calibration Date(s): 10/28/2024 10/28/2024

Continuing Calib Time: 13:25 Initial Calibration Time(s): 14:43 15:36

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.06	9.05	8.95	9.15	-0.01
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
alpha-BHC	4.00	4.00	3.90	4.10	0.01
beta-BHC	4.53	4.53	4.43	4.63	0.00
delta-BHC	4.77	4.77	4.67	4.87	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.92	4.92	4.82	5.02	0.00
Aldrin	5.26	5.26	5.16	5.36	0.00
Heptachlor epoxide	5.68	5.68	5.58	5.78	0.00
Endosulfan I	6.07	6.07	5.97	6.17	0.00
Dieldrin	6.35	6.35	6.25	6.45	0.01
4,4'-DDE	6.19	6.19	6.09	6.29	0.00
Endrin	6.58	6.57	6.47	6.67	0.00
Endosulfan II	6.79	6.79	6.69	6.89	0.00
4,4'-DDD	6.71	6.71	6.61	6.81	0.00
Endosulfan sulfate	7.16	7.16	7.06	7.26	0.00
4,4'-DDT	7.02	7.02	6.92	7.12	0.00
Methoxychlor	7.50	7.50	7.40	7.60	0.00
Endrin ketone	7.64	7.64	7.54	7.74	0.00
Endrin aldehyde	6.92	6.92	6.82	7.02	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



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CALIBRATION VERIFICATION SUMMARY

Contract: CORN02

Lab Code: CHEM Case No.: P4860 SAS No.: P4860 SDG NO.: P4860

Continuing Calib Date: 11/19/2024 Initial Calibration Date(s): 10/28/2024 10/28/2024

Continuing Calib Time: 13:25 Initial Calibration Time(s): 14:43 15:36

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	7.91	7.92	7.82	8.02	0.01
Tetrachloro-m-xylene	2.77	2.78	2.68	2.88	0.01
alpha-BHC	3.28	3.28	3.18	3.38	0.00
beta-BHC	3.91	3.91	3.81	4.01	0.00
delta-BHC	4.14	4.14	4.04	4.24	0.00
gamma-BHC (Lindane)	3.61	3.61	3.51	3.71	0.00
Heptachlor	3.95	3.95	3.85	4.05	0.00
Aldrin	4.23	4.23	4.13	4.33	0.00
Heptachlor epoxide	4.73	4.73	4.63	4.83	0.00
Endosulfan I	5.10	5.10	5.00	5.20	0.00
Dieldrin	5.36	5.37	5.27	5.47	0.01
4,4'-DDE	5.23	5.24	5.14	5.34	0.01
Endrin	5.64	5.64	5.54	5.74	0.00
Endosulfan II	5.93	5.94	5.84	6.04	0.01
4,4'-DDD	5.79	5.79	5.69	5.89	0.00
Endosulfan sulfate	6.34	6.34	6.24	6.44	0.00
4,4'-DDT	6.04	6.04	5.94	6.14	0.00
Methoxychlor	6.61	6.62	6.52	6.72	0.01
Endrin ketone	6.84	6.84	6.74	6.94	0.00
Endrin aldehyde	6.11	6.12	6.02	6.22	0.01
alpha-Chlordane	5.04	5.05	4.95	5.15	0.01
gamma-Chlordane	4.98	4.98	4.88	5.08	0.00



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CALIBRATION VERIFICATION SUMMARY

Contract: CORN02

Lab Code: CHEM Case No.: P4860 SAS No.: P4860 SDG NO.: P4860

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/28/2024 10/28/2024

Client Sample No.: CCAL04 Date Analyzed: 11/19/2024

Lab Sample No.: PSTDCCC050 Data File : PL093138.D Time Analyzed: 13:25

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.709	6.610	6.810	45.790	50.000	-8.4
4,4'-DDE	6.192	6.093	6.293	47.570	50.000	-4.9
4,4'-DDT	7.024	6.923	7.123	46.490	50.000	-7.0
Aldrin	5.258	5.158	5.358	48.710	50.000	-2.6
alpha-BHC	3.995	3.896	4.096	52.100	50.000	4.2
alpha-Chlordane	6.019	5.919	6.119	47.060	50.000	-5.9
beta-BHC	4.525	4.425	4.625	49.340	50.000	-1.3
Decachlorobiphenyl	9.056	8.954	9.154	43.770	50.000	-12.5
delta-BHC	4.772	4.672	4.872	50.420	50.000	0.8
Dieldrin	6.345	6.245	6.445	47.480	50.000	-5.0
Endosulfan I	6.069	5.970	6.170	46.570	50.000	-6.9
Endosulfan II	6.794	6.694	6.894	44.550	50.000	-10.9
Endosulfan sulfate	7.159	7.058	7.258	45.380	50.000	-9.2
Endrin	6.575	6.474	6.674	45.130	50.000	-9.7
Endrin aldehyde	6.924	6.824	7.024	45.920	50.000	-8.2
Endrin ketone	7.644	7.543	7.743	46.100	50.000	-7.8
gamma-BHC (Lindane)	4.327	4.228	4.428	50.340	50.000	0.7
gamma-Chlordane	5.940	5.841	6.041	46.560	50.000	-6.9
Heptachlor	4.916	4.817	5.017	49.110	50.000	-1.8
Heptachlor epoxide	5.684	5.584	5.784	46.940	50.000	-6.1
Methoxychlor	7.500	7.399	7.599	45.290	50.000	-9.4
Tetrachloro-m-xylene	3.539	3.440	3.640	51.060	50.000	2.1



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CALIBRATION VERIFICATION SUMMARY

Contract: CORN02

Lab Code: CHEM Case No.: P4860 SAS No.: P4860 SDG NO.: P4860

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/28/2024 10/28/2024

Client Sample No.: CCAL04 Date Analyzed: 11/19/2024

Lab Sample No.: PSTDCCC050 Data File : PL093138.D Time Analyzed: 13:25

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.787	5.689	5.889	52.500	50.000	5.0
4,4'-DDE	5.231	5.135	5.335	52.590	50.000	5.2
4,4'-DDT	6.036	5.940	6.140	50.050	50.000	0.1
Aldrin	4.226	4.129	4.329	52.610	50.000	5.2
alpha-BHC	3.277	3.181	3.381	53.410	50.000	6.8
alpha-Chlordane	5.043	4.945	5.145	51.220	50.000	2.4
beta-BHC	3.907	3.810	4.010	51.690	50.000	3.4
Decachlorobiphenyl	7.914	7.816	8.016	48.190	50.000	-3.6
delta-BHC	4.136	4.039	4.239	53.730	50.000	7.5
Dieldrin	5.363	5.266	5.466	52.190	50.000	4.4
Endosulfan I	5.099	5.002	5.202	51.370	50.000	2.7
Endosulfan II	5.932	5.836	6.036	51.590	50.000	3.2
Endosulfan sulfate	6.336	6.238	6.438	50.980	50.000	2.0
Endrin	5.638	5.541	5.741	53.440	50.000	6.9
Endrin aldehyde	6.113	6.015	6.215	50.540	50.000	1.1
Endrin ketone	6.841	6.743	6.943	50.580	50.000	1.2
gamma-BHC (Lindane)	3.607	3.511	3.711	53.150	50.000	6.3
gamma-Chlordane	4.979	4.882	5.082	50.660	50.000	1.3
Heptachlor	3.946	3.849	4.049	52.170	50.000	4.3
Heptachlor epoxide	4.729	4.632	4.832	51.800	50.000	3.6
Methoxychlor	6.612	6.515	6.715	51.180	50.000	2.4
Tetrachloro-m-xylene	2.774	2.678	2.878	51.910	50.000	3.8

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
 Data File : PL093138.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Nov 2024 13:25
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/20/2024

Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 19 22:58:38 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 18:58:23 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.539	2.774	125.1E6	141.2E6	51.057	51.907
28)	SA Decachlor...	9.056	7.914	84235057	131.5E6	43.769	48.189
Target Compounds							
2)	A alpha-BHC	3.995	3.277	176.7E6	213.1E6	52.102	53.408
3)	MA gamma-BHC...	4.327	3.607	164.1E6	205.1E6	50.344	53.150
4)	MA Heptachlor	4.916	3.946	147.5E6	196.9E6	49.111	52.165
5)	MB Aldrin	5.258	4.226	146.2E6	192.6E6	48.714	52.607
6)	B beta-BHC	4.525	3.907	71316104	85094206	49.338	51.690
7)	B delta-BHC	4.772	4.136	157.8E6	206.5E6	50.420	53.726
8)	B Heptachlo...	5.684	4.729	129.6E6	173.1E6	46.938	51.798
9)	A Endosulfan I	6.069	5.099	116.5E6	156.8E6	46.570	51.371
10)	B gamma-Chl...	5.940	4.979	123.9E6	170.3E6	46.559	50.657
11)	B alpha-Chl...	6.019	5.043	124.6E6	170.4E6	47.064	51.220
12)	B 4,4'-DDE	6.192	5.231	112.7E6	169.4E6	47.574	52.586
13)	MA Dieldrin	6.345	5.363	125.1E6	174.3E6	47.481	52.193
14)	MA Endrin	6.575	5.638	102.7E6	154.6E6	45.131	53.438
15)	B Endosulfa...	6.794	5.932	106.2E6	146.2E6	44.551	51.587m
16)	A 4,4'-DDD	6.709	5.787	87897099	130.7E6	45.791m	52.503
17)	MA 4,4'-DDT	7.024	6.036	96215074	134.2E6	46.486	50.051m
18)	B Endrin al...	6.924	6.113	86229798	116.6E6	45.916	50.544
19)	B Endosulfa...	7.159	6.336	98488599	137.5E6	45.379	50.984
20)	A Methoxychlor	7.500	6.612	51633611	73092091	45.293	51.184
21)	B Endrin ke...	7.644	6.841	111.7E6	155.2E6	46.098	50.580
22)	Mirex	8.118	7.021	83961316	119.8E6	42.368	45.900

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
Data File : PL093138.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2024 13:25
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

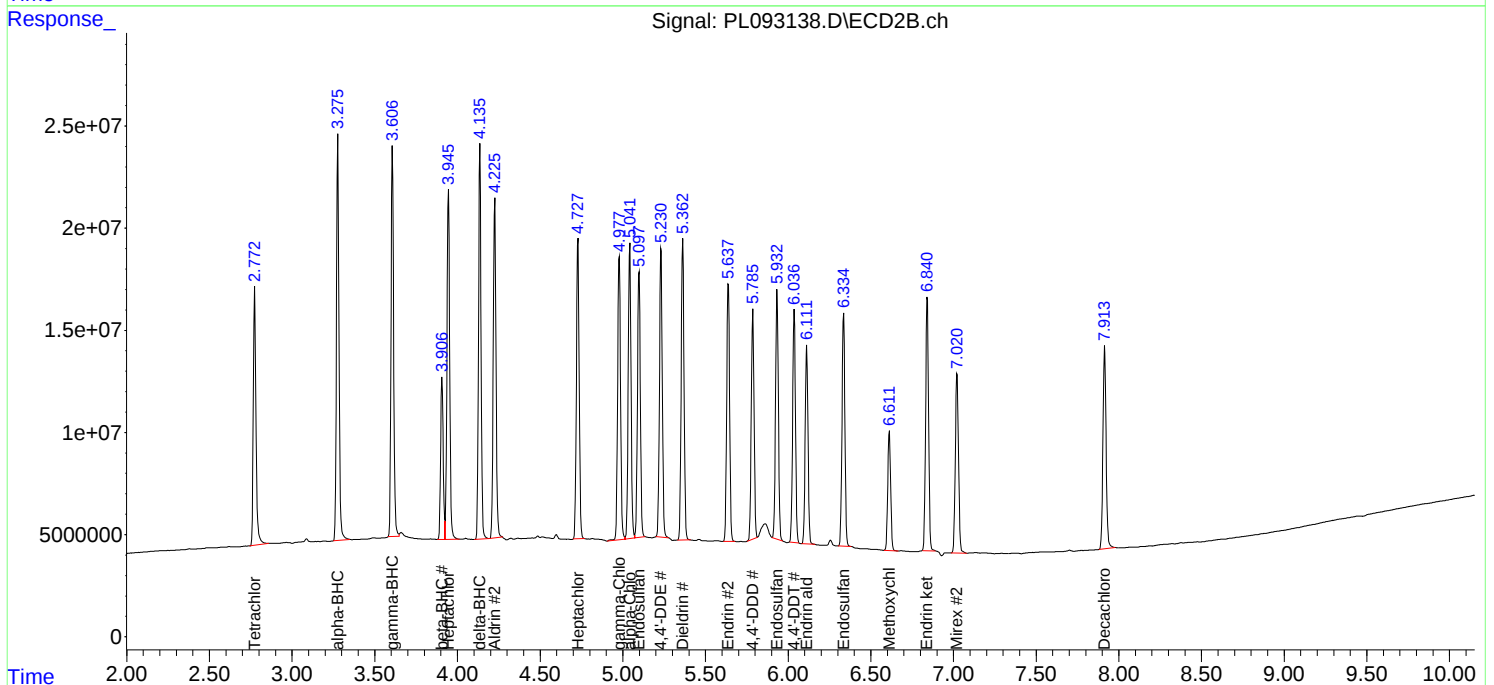
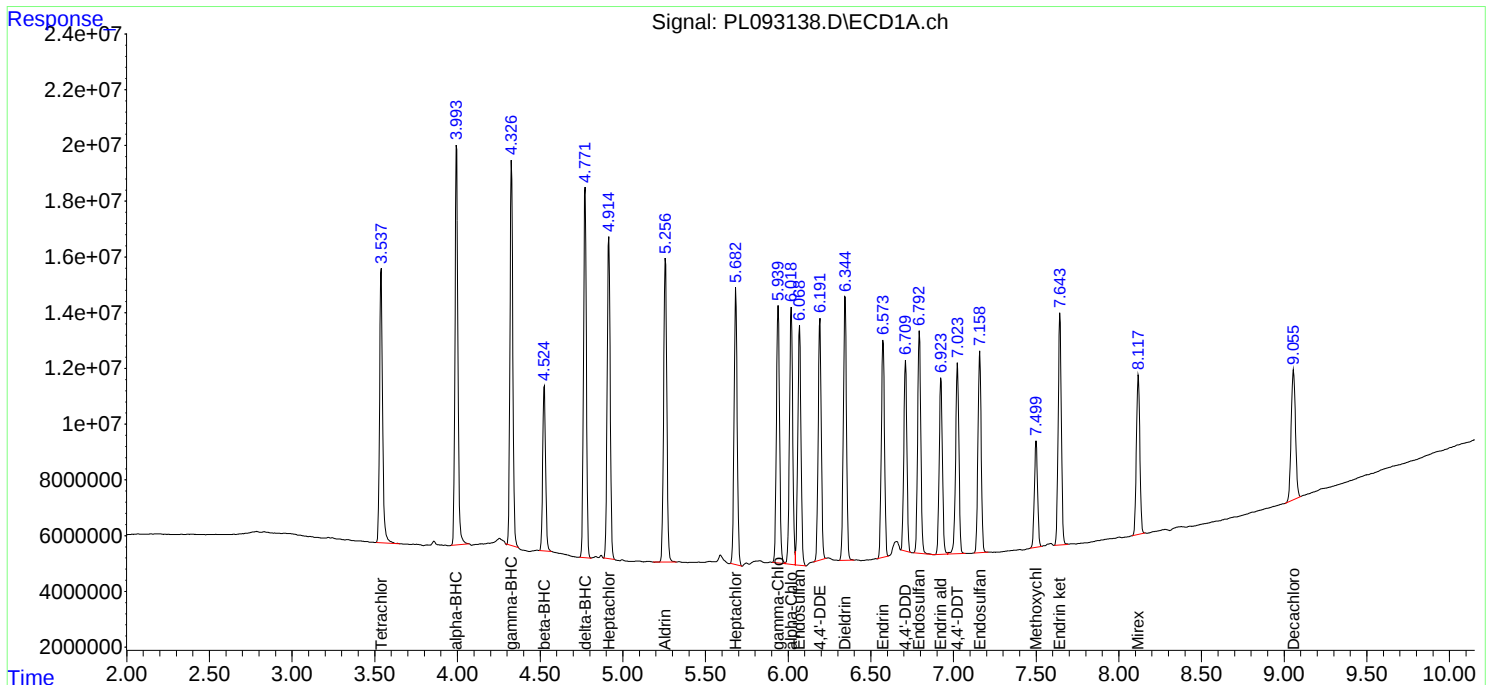
APPROVED

Reviewed By :Yogesh Patel 11/20/2024

Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 22:58:38 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

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





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

CALIBRATION VERIFICATION SUMMARY

Contract: CORN02

Lab Code: CHEM Case No.: P4860 SAS No.: P4860 SDG NO.: P4860

Continuing Calib Date: 11/19/2024 Initial Calibration Date(s): 10/28/2024 10/28/2024

Continuing Calib Time: 16:56 Initial Calibration Time(s): 14:43 15:36

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.06	9.05	8.95	9.15	-0.01
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
alpha-BHC	3.99	4.00	3.90	4.10	0.01
beta-BHC	4.52	4.53	4.43	4.63	0.01
delta-BHC	4.77	4.77	4.67	4.87	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.01
Heptachlor	4.91	4.92	4.82	5.02	0.01
Aldrin	5.25	5.26	5.16	5.36	0.01
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	6.35	6.25	6.45	0.01
4,4'-DDE	6.19	6.19	6.09	6.29	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Endosulfan II	6.79	6.79	6.69	6.89	0.00
4,4'-DDD	6.71	6.71	6.61	6.81	0.00
Endosulfan sulfate	7.16	7.16	7.06	7.26	0.00
4,4'-DDT	7.02	7.02	6.92	7.12	0.00
Methoxychlor	7.50	7.50	7.40	7.60	0.00
Endrin ketone	7.64	7.64	7.54	7.74	0.00
Endrin aldehyde	6.92	6.92	6.82	7.02	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

Contract: CORN02

Lab Code: CHEM Case No.: P4860 SAS No.: P4860 SDG NO.: P4860

Continuing Calib Date: 11/19/2024 Initial Calibration Date(s): 10/28/2024 10/28/2024

Continuing Calib Time: 16:56 Initial Calibration Time(s): 14:43 15:36

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	7.91	7.92	7.82	8.02	0.01
Tetrachloro-m-xylene	2.77	2.78	2.68	2.88	0.01
alpha-BHC	3.28	3.28	3.18	3.38	0.00
beta-BHC	3.91	3.91	3.81	4.01	0.00
delta-BHC	4.14	4.14	4.04	4.24	0.00
gamma-BHC (Lindane)	3.61	3.61	3.51	3.71	0.00
Heptachlor	3.95	3.95	3.85	4.05	0.00
Aldrin	4.23	4.23	4.13	4.33	0.00
Heptachlor epoxide	4.73	4.73	4.63	4.83	0.00
Endosulfan I	5.10	5.10	5.00	5.20	0.00
Dieldrin	5.36	5.37	5.27	5.47	0.01
4,4'-DDE	5.23	5.24	5.14	5.34	0.01
Endrin	5.64	5.64	5.54	5.74	0.00
Endosulfan II	5.93	5.94	5.84	6.04	0.01
4,4'-DDD	5.79	5.79	5.69	5.89	0.01
Endosulfan sulfate	6.34	6.34	6.24	6.44	0.00
4,4'-DDT	6.04	6.04	5.94	6.14	0.00
Methoxychlor	6.61	6.62	6.52	6.72	0.01
Endrin ketone	6.84	6.84	6.74	6.94	0.00
Endrin aldehyde	6.11	6.12	6.02	6.22	0.01
alpha-Chlordane	5.04	5.05	4.95	5.15	0.01
gamma-Chlordane	4.98	4.98	4.88	5.08	0.00



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

CALIBRATION VERIFICATION SUMMARY

Contract: CORN02

Lab Code: CHEM Case No.: P4860 SAS No.: P4860 SDG NO.: P4860

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/28/2024 10/28/2024

Client Sample No.: CCAL05 Date Analyzed: 11/19/2024

Lab Sample No.: PSTDCCC050 Data File : PL093153.D Time Analyzed: 16:56

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.708	6.610	6.810	49.630	50.000	-0.7
4,4'-DDE	6.190	6.093	6.293	50.810	50.000	1.6
4,4'-DDT	7.023	6.923	7.123	48.210	50.000	-3.6
Aldrin	5.254	5.158	5.358	50.970	50.000	1.9
alpha-BHC	3.993	3.896	4.096	55.020	50.000	10.0
alpha-Chlordane	6.017	5.919	6.119	49.550	50.000	-0.9
beta-BHC	4.523	4.425	4.625	52.220	50.000	4.4
Decachlorobiphenyl	9.055	8.954	9.154	47.550	50.000	-4.9
delta-BHC	4.770	4.672	4.872	53.710	50.000	7.4
Dieldrin	6.343	6.245	6.445	49.810	50.000	-0.4
Endosulfan I	6.068	5.970	6.170	49.630	50.000	-0.7
Endosulfan II	6.793	6.694	6.894	47.090	50.000	-5.8
Endosulfan sulfate	7.157	7.058	7.258	48.270	50.000	-3.5
Endrin	6.573	6.474	6.674	48.970	50.000	-2.1
Endrin aldehyde	6.923	6.824	7.024	48.760	50.000	-2.5
Endrin ketone	7.642	7.543	7.743	49.330	50.000	-1.3
gamma-BHC (Lindane)	4.325	4.228	4.428	54.230	50.000	8.5
gamma-Chlordane	5.937	5.841	6.041	49.120	50.000	-1.8
Heptachlor	4.914	4.817	5.017	51.440	50.000	2.9
Heptachlor epoxide	5.682	5.584	5.784	49.830	50.000	-0.3
Methoxychlor	7.499	7.399	7.599	47.670	50.000	-4.7
Tetrachloro-m-xylene	3.536	3.440	3.640	54.430	50.000	8.9



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

CALIBRATION VERIFICATION SUMMARY

Contract: CORN02

Lab Code: CHEM Case No.: P4860 SAS No.: P4860 SDG NO.: P4860

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/28/2024 10/28/2024

Client Sample No.: CCAL05 Date Analyzed: 11/19/2024

Lab Sample No.: PSTDCCC050 Data File : PL093153.D Time Analyzed: 16:56

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.785	5.689	5.889	59.680	50.000	19.4
4,4'-DDE	5.231	5.135	5.335	57.660	50.000	15.3
4,4'-DDT	6.037	5.940	6.140	54.740	50.000	9.5
Aldrin	4.226	4.129	4.329	56.620	50.000	13.2
alpha-BHC	3.277	3.181	3.381	56.930	50.000	13.9
alpha-Chlordane	5.042	4.945	5.145	55.820	50.000	11.6
beta-BHC	3.907	3.810	4.010	55.370	50.000	10.7
Decachlorobiphenyl	7.914	7.816	8.016	53.650	50.000	7.3
delta-BHC	4.136	4.039	4.239	57.740	50.000	15.5
Dieldrin	5.363	5.266	5.466	56.790	50.000	13.6
Endosulfan I	5.098	5.002	5.202	54.140	50.000	8.3
Endosulfan II	5.933	5.836	6.036	57.070	50.000	14.1
Endosulfan sulfate	6.336	6.238	6.438	56.150	50.000	12.3
Endrin	5.639	5.541	5.741	56.930	50.000	13.9
Endrin aldehyde	6.112	6.015	6.215	55.770	50.000	11.5
Endrin ketone	6.841	6.743	6.943	56.500	50.000	13.0
gamma-BHC (Lindane)	3.608	3.511	3.711	56.860	50.000	13.7
gamma-Chlordane	4.979	4.882	5.082	56.520	50.000	13.0
Heptachlor	3.946	3.849	4.049	55.570	50.000	11.1
Heptachlor epoxide	4.729	4.632	4.832	56.070	50.000	12.1
Methoxychlor	6.613	6.515	6.715	55.250	50.000	10.5
Tetrachloro-m-xylene	2.774	2.678	2.878	55.330	50.000	10.7

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
 Data File : PL093153.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Nov 2024 16:56
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/20/2024

Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 19 23:12:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 18:58:23 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.536	2.774	133.4E6	150.6E6	54.431	55.328
28)	SA Decachlor...	9.055	7.914	91515137	146.4E6	47.551	53.648
Target Compounds							
2)	A alpha-BHC	3.993	3.277	186.6E6	227.2E6	55.017	56.933
3)	MA gamma-BHC...	4.325	3.608	176.8E6	219.4E6	54.225	56.858
4)	MA Heptachlor	4.914	3.946	154.5E6	209.7E6	51.444	55.571
5)	MB Aldrin	5.254	4.226	153.0E6	207.2E6	50.968m	56.618
6)	B beta-BHC	4.523	3.907	75484067	91149868	52.221	55.368
7)	B delta-BHC	4.770	4.136	168.1E6	221.9E6	53.709	57.736
8)	B Heptachlo...	5.682	4.729	137.6E6	187.4E6	49.832	56.072
9)	A Endosulfan I	6.068	5.098	124.2E6	165.3E6	49.634	54.136
10)	B gamma-Chl...	5.937	4.979	130.7E6	190.0E6	49.120m	56.518
11)	B alpha-Chl...	6.017	5.042	131.2E6	185.7E6	49.545	55.822
12)	B 4,4'-DDE	6.190	5.231	120.4E6	185.8E6	50.806	57.660
13)	MA Dieldrin	6.343	5.363	131.3E6	189.7E6	49.811	56.792
14)	MA Endrin	6.573	5.639	111.5E6	164.7E6	48.969	56.930
15)	B Endosulfa...	6.793	5.933	112.3E6	161.7E6	47.092	57.074
16)	A 4,4'-DDD	6.708	5.785	95270537	148.6E6	49.632	59.675m
17)	MA 4,4'-DDT	7.023	6.037	99773301	146.8E6	48.205	54.737
18)	B Endrin al...	6.923	6.112	91573522	128.7E6	48.762	55.771
19)	B Endosulfa...	7.157	6.336	104.8E6	151.4E6	48.272	56.153
20)	A Methoxychlor	7.499	6.613	54340385	78897883	47.667	55.249
21)	B Endrin ke...	7.642	6.841	119.5E6	173.4E6	49.333	56.498
22)	Mirex	8.116	7.022	89481714	136.7E6	45.154	52.390

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
Data File : PL093153.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2024 16:56
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

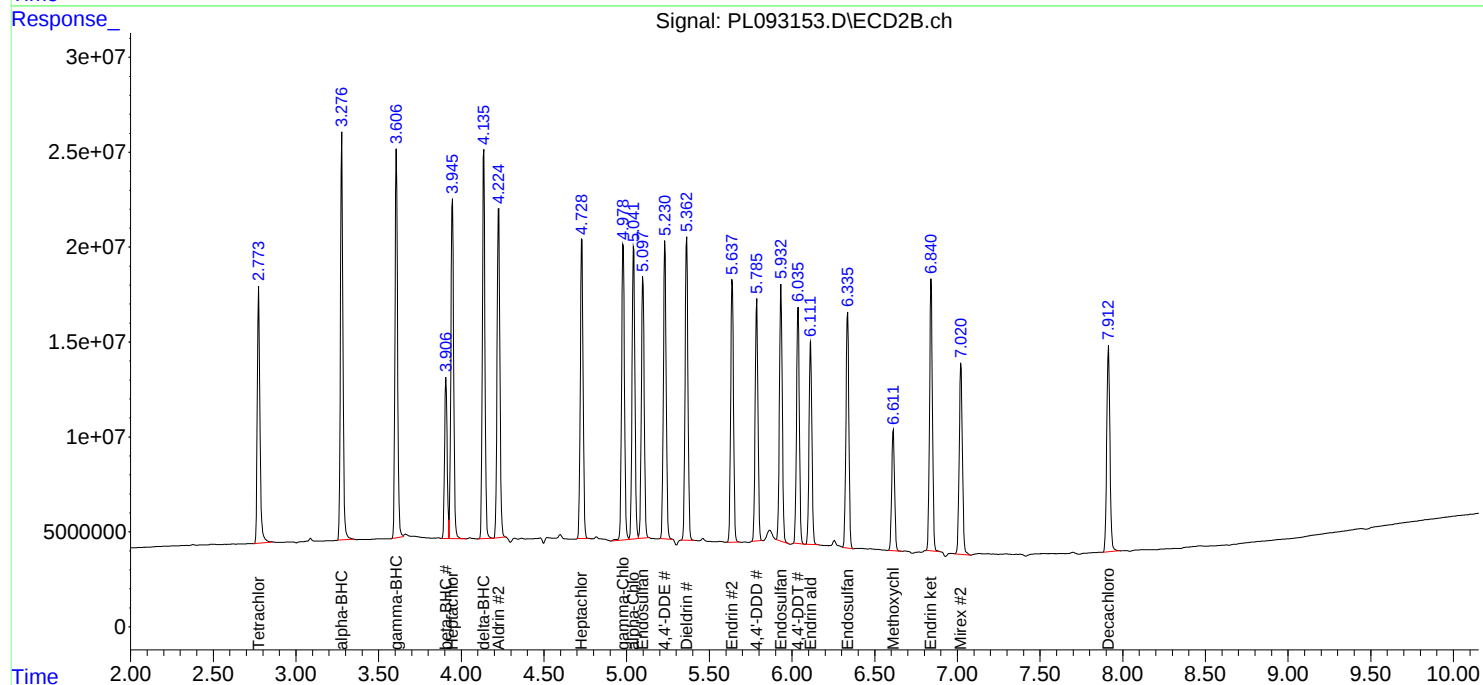
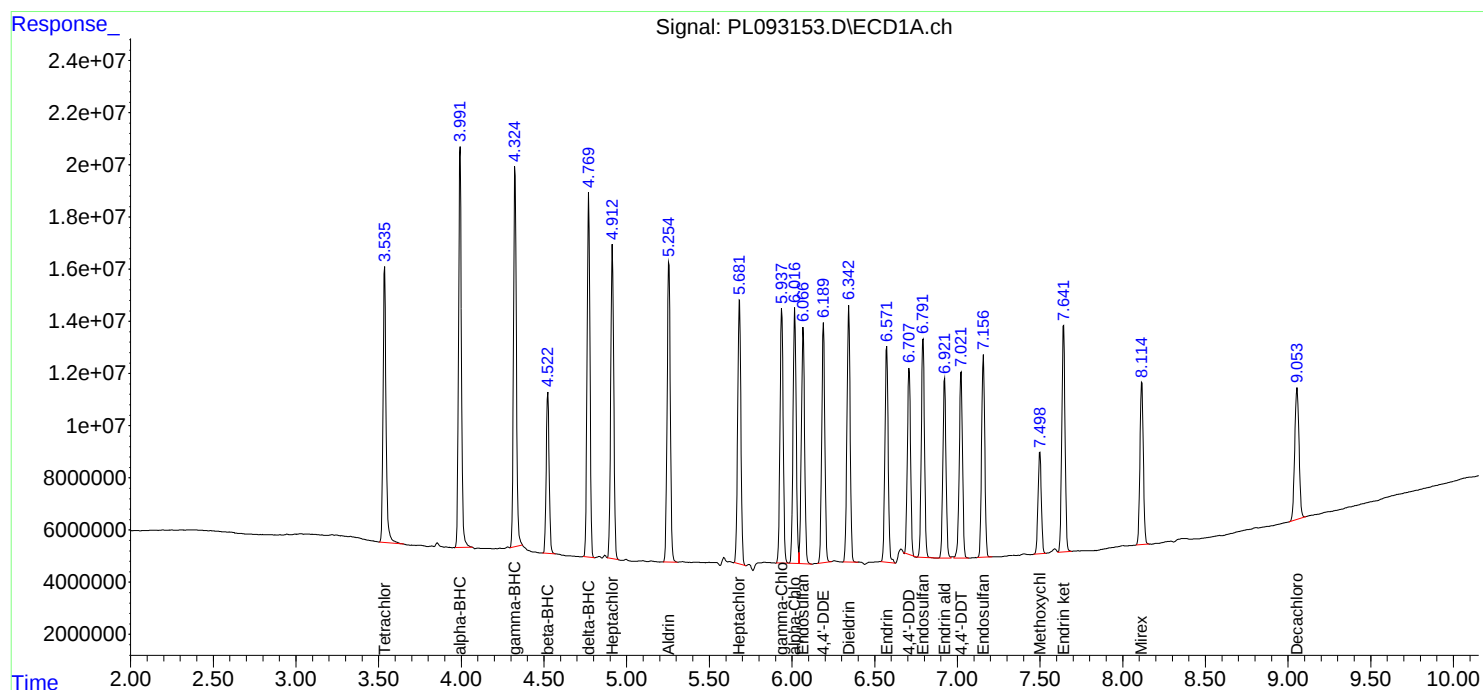
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 23:12:49 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

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



PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: CORN02

Lab Code: CHEM Case No.: P4860 SAS No.: P4860 SDG NO.: P4860

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/28/2024 10/28/2024

Client Sample No. (PEM): PEM - PL092653.D Date Analyzed: 10/28/2024

Lab Sample No.(PEM): PEM Time Analyzed: 14:16

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.059	8.960	9.160	19.970	20.000	-0.2
Tetrachloro-m-xylene	3.546	3.500	3.600	19.290	20.000	-3.6
alpha-BHC	4.001	3.950	4.050	9.920	10.000	-0.8
beta-BHC	4.531	4.480	4.580	10.060	10.000	0.6
gamma-BHC (Lindane)	4.334	4.280	4.380	9.660	10.000	-3.4
Endrin	6.580	6.510	6.650	41.060	50.000	-17.9
4,4'-DDT	7.030	6.960	7.100	88.060	100.000	-11.9
Methoxychlor	7.505	7.430	7.580	204.090	250.000	-18.4

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/28/2024 10/28/2024

Client Sample No. (PEM): PEM - PL092653.D Date Analyzed: 10/28/2024

Lab Sample No.(PEM): PEM Time Analyzed: 14:16

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	7.918	7.820	8.020	19.080	20.000	-4.6
Tetrachloro-m-xylene	2.778	2.730	2.830	18.500	20.000	-7.5
alpha-BHC	3.281	3.230	3.330	8.630	10.000	-13.7
beta-BHC	3.911	3.860	3.960	9.760	10.000	-2.4
gamma-BHC (Lindane)	3.611	3.560	3.660	8.390	10.000	-16.1
Endrin	5.643	5.570	5.710	44.130	50.000	-11.7
4,4'-DDT	6.042	5.970	6.110	98.070	100.000	-1.9
Methoxychlor	6.616	6.550	6.690	225.800	250.000	-9.7

PEM
Data File: PL092653.D Date Acquired 10/28/2024 14:16
Operator: AR\AJ

ENDRIN BREAK DOWN

Column #1

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
Endrin	6.58	93472858.4	100627495.1	7154636.74	7.11
Endrin aldehyde	6.93	2255618.869			
Endrin ketone	7.65	4899017.868			

Column #2

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
Endrin #2	5.64	127670048.1	136276212.4	8606164.28	6.32
Endrin aldehyde #2	6.12	3697589.438			
Endrin ketone #2	6.84	4908574.846			

DDT BREAK DOWN

Column #1

Name	RT	Response	Response [DDT+DDE+DDD]	Response [DDE+DDD]	% Break Down
4,4'-DDT	7.03	182263263.3	183689930.4	1426667.08	0.78
4,4'-DDE	0.00	0			
4,4'-DDD	6.72	1426667.076			

Column #2

Name	RT	Response	Response [DDT+DDE+DDD]	Response [DDE+DDD]	% Break Down
4,4'-DDT #2	6.04	263061944.1	264286032.2	1224088.02	0.46
4,4'-DDE #2	0.00	0			
4,4'-DDD #2	5.79	1224088.016			

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102824\
 Data File : PL092653.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2024 14:16
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/29/2024
 Supervised By : Ankita Jodhani 10/29/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 17:21:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 17:19:58 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.546	2.778	47253047	50346316	19.285	18.502
28)	SA Decachlor...	9.059	7.918	38436874	52072459	19.972	19.079
Target Compounds							
2)	A alpha-BHC	4.001	3.281	33636067	34444224	9.918	8.632
3)	MA gamma-BHC...	4.334	3.611	31492360	32364466	9.662	8.386
6)	B beta-BHC	4.531	3.911	14540729	16063325	10.060	9.758
14)	MA Endrin	6.580	5.643	93472858	127.7E6	41.057	44.131
16)	A 4,4'-DDD	6.718	5.791	1426667	1224088	0.743m	0.492m#
17)	MA 4,4'-DDT	7.030	6.042	182.3E6	263.1E6	88.060	98.075
18)	B Endrin al...	6.930	6.117	2255619	3697589	1.201	1.603 #
20)	A Methoxychlor	7.505	6.616	232.7E6	322.5E6	204.088	225.801
21)	B Endrin ke...	7.648	6.845	4899018	4908575	2.022	1.600

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102824\
Data File : PL092653.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2024 14:16
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

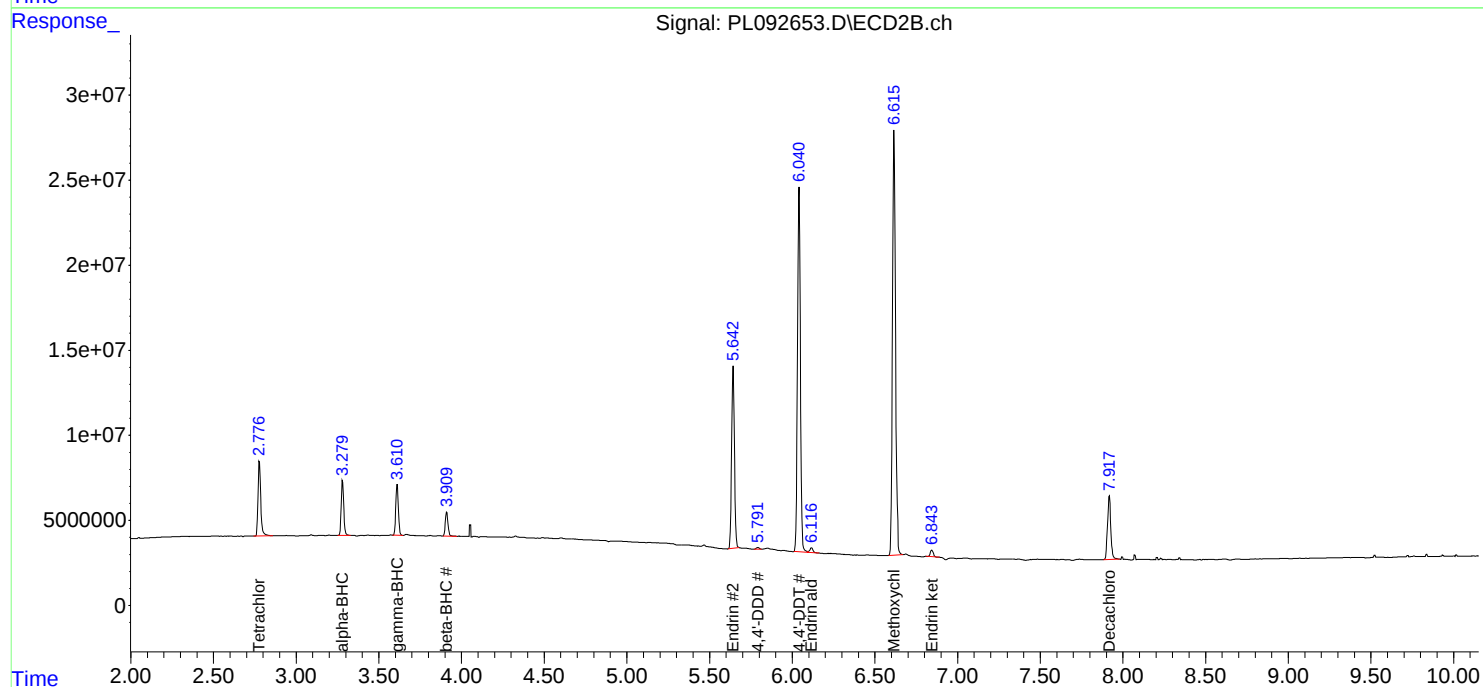
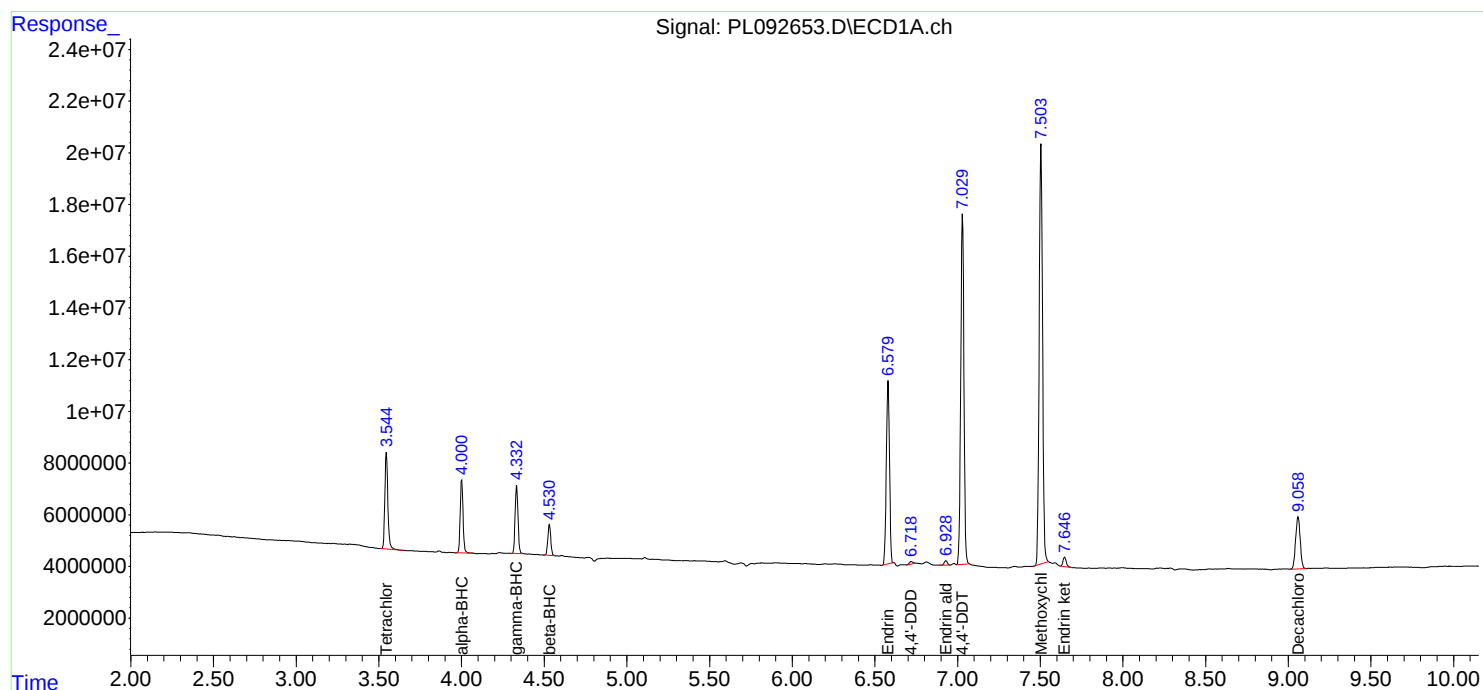
Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 10/29/2024
Supervised By : Ankita Jodhani 10/29/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 17:21:12 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 17:19:58 2024
Response via : Initial Calibration
Integrator: ChemStation

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



PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: CORN02

Lab Code: CHEM Case No.: P4860 SAS No.: P4860 SDG NO.: P4860

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/28/2024 10/28/2024

Client Sample No. (PEM): PEM - PL093099.D Date Analyzed: 11/18/2024

Lab Sample No.(PEM): PEM Time Analyzed: 09:46

PEM COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
Decachlorobiphenyl	9.057	8.960	9.160	19.600	20.000	-2.0
Tetrachloro-m-xylene	3.540	3.490	3.590	21.120	20.000	5.6
alpha-BHC	3.995	3.940	4.050	10.880	10.000	8.8
beta-BHC	4.526	4.480	4.580	11.210	10.000	12.1
gamma-BHC (Lindane)	4.328	4.280	4.380	10.580	10.000	5.8
Endrin	6.574	6.500	6.640	43.140	50.000	-13.7
4,4'-DDT	7.026	6.960	7.100	87.940	100.000	-12.1
Methoxychlor	7.502	7.430	7.570	204.340	250.000	-18.3

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/28/2024 10/28/2024

Client Sample No. (PEM): PEM - PL093099.D Date Analyzed: 11/18/2024

Lab Sample No.(PEM): PEM Time Analyzed: 09:46

PEM COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
Decachlorobiphenyl	7.915	7.810	8.020	19.130	20.000	-4.4
Tetrachloro-m-xylene	2.777	2.730	2.830	20.500	20.000	2.5
alpha-BHC	3.279	3.230	3.330	9.980	10.000	-0.2
beta-BHC	3.909	3.860	3.960	11.030	10.000	10.3
gamma-BHC (Lindane)	3.610	3.560	3.660	9.620	10.000	-3.8
Endrin	5.641	5.570	5.710	50.120	50.000	0.2
4,4'-DDT	6.039	5.970	6.110	107.970	100.000	8.0
Methoxychlor	6.614	6.540	6.680	232.330	250.000	-7.1

Data File: PEM
 PL093099.D Date Acquired 11/18/2024 9:46
 Operator: AR\AJ

ENDRIN BREAK DOWN

Column #1

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
Endrin	6.57	98212591.72	106245214.8	8032623.11	Down 7.56
Endrin aldehyde	6.93	2656137.203			
Endrin ketone	7.64	5376485.911			

Column #2

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
Endrin #2	5.64	144995164.8	155634116.8	10638952	6.84
Endrin aldehyde #2	6.11	3683518.898			
Endrin ketone #2	6.84	6955433.1			

DDT BREAK DOWN

Column #1

Name	RT	Response	Response [DDT+DDE+DDD]	Response [DDE+DDD]	% Break Down
4,4'-DDT	7.03	182019024	184624952.9	2605928.96	1.41
4,4'-DDE	0.00	0			
4,4'-DDD	6.71	2605928.955			

Column #2

Name	RT	Response	Response [DDT+DDE+DDD]	Response [DDE+DDD]	% Break Down
4,4'-DDT #2	6.04	289616170.1	292645821.3	3029651.19	1.04
4,4'-DDE #2	0.00	0			
4,4'-DDD #2	5.79	3029651.195			

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111824\
 Data File : PL093099.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Nov 2024 09:46
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/19/2024
 Supervised By :Ankita Jodhani 11/19/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 19 01:23:25 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 18:58:23 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.540	2.777	51741603	55775903	21.117	20.497
28)	SA Decachlor...	9.057	7.915	37725773	52210087	19.602	19.130
Target Compounds							
2)	A alpha-BHC	3.995	3.279	36897819	39807236	10.879	9.976
3)	MA gamma-BHC...	4.328	3.610	34481734	37117516	10.579	9.617
6)	B beta-BHC	4.526	3.909	16204394	18154765	11.211	11.028
14)	MA Endrin	6.574	5.641	98212592	145.0E6	43.139m	50.119
16)	A 4,4'-DDD	6.711	5.789	2605929	3029651	1.358	1.217
17)	MA 4,4'-DDT	7.026	6.039	182.0E6	289.6E6	87.942	107.975
18)	B Endrin al...	6.925	6.115	2656137	3683519	1.414	1.596
20)	A Methoxychlor	7.502	6.614	233.0E6	331.8E6	204.343	232.325
21)	B Endrin ke...	7.645	6.843	5376486	6955433	2.219	2.267

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111824\
Data File : PL093099.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2024 09:46
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

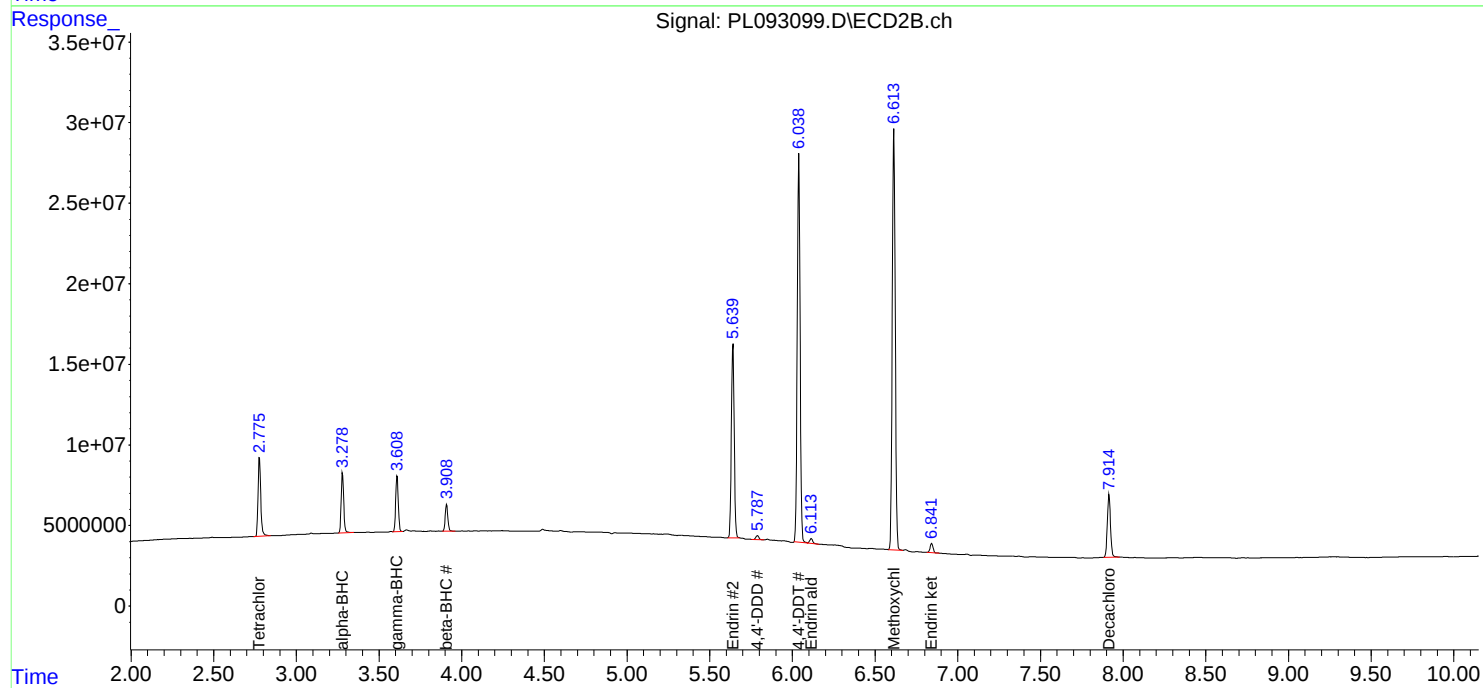
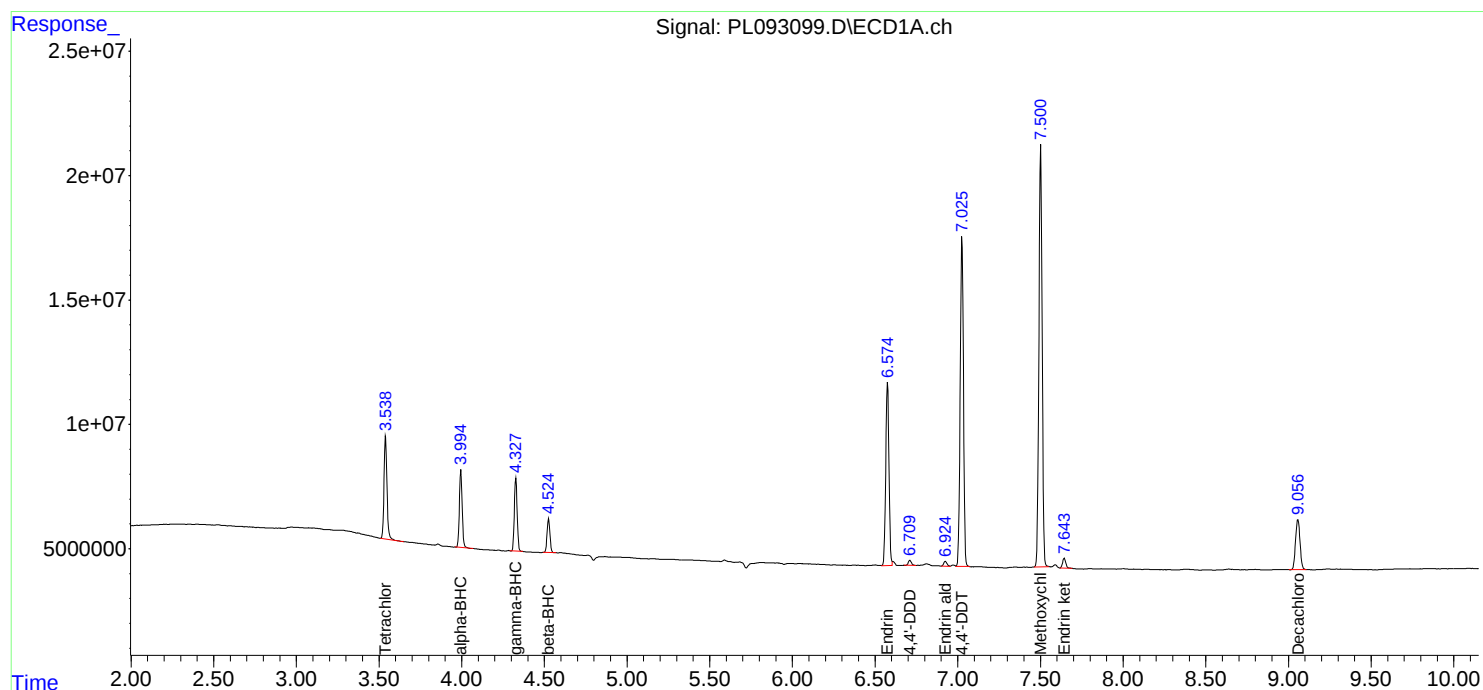
Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :Ankita Jodhani 11/19/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 01:23:25 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

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



PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: CORN02

Lab Code: CHEM Case No.: P4860 SAS No.: P4860 SDG NO.: P4860

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/28/2024 10/28/2024

Client Sample No. (PEM): PEM - PL093111.D Date Analyzed: 11/18/2024

Lab Sample No.(PEM): PEM Time Analyzed: 13:19

PEM COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
Decachlorobiphenyl	9.056	8.960	9.160	19.590	20.000	-2.1
Tetrachloro-m-xylene	3.539	3.490	3.590	21.050	20.000	5.3
alpha-BHC	3.994	3.940	4.040	10.790	10.000	7.9
beta-BHC	4.525	4.470	4.580	11.350	10.000	13.5
gamma-BHC (Lindane)	4.327	4.280	4.380	10.510	10.000	5.1
Endrin	6.573	6.500	6.640	42.900	50.000	-14.2
4,4'-DDT	7.024	6.950	7.090	86.130	100.000	-13.9
Methoxychlor	7.501	7.430	7.570	203.180	250.000	-18.7

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/28/2024 10/28/2024

Client Sample No. (PEM): PEM - PL093111.D Date Analyzed: 11/18/2024

Lab Sample No.(PEM): PEM Time Analyzed: 13:19

PEM COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
Decachlorobiphenyl	7.915	7.810	8.020	19.480	20.000	-2.6
Tetrachloro-m-xylene	2.777	2.730	2.830	20.570	20.000	2.9
alpha-BHC	3.279	3.230	3.330	9.860	10.000	-1.4
beta-BHC	3.909	3.860	3.960	10.850	10.000	8.5
gamma-BHC (Lindane)	3.609	3.560	3.660	9.470	10.000	-5.3
Endrin	5.640	5.570	5.710	49.940	50.000	-0.1
4,4'-DDT	6.038	5.970	6.110	106.700	100.000	6.7
Methoxychlor	6.614	6.540	6.680	238.650	250.000	-4.5

PEM
 Data File: PL093111.D Date Acquired #####
 Operator: AR\AJ

ENDRIN BREAK DOWN

Column #1

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
Endrin	6.57	97674098.08	106356544.1	8682446.02	Down 8.16
Endrin aldehyde	6.92	2612250.697			
Endrin ketone	7.64	6070195.325			

Column #2

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
Endrin #2	5.64	144478654.2	156188583.3	11709929.1	7.50
Endrin aldehyde #2	6.11	3708138.529			
Endrin ketone #2	6.84	8001790.596			

DDT BREAK DOWN

Column #1

Name	RT	Response	Response [DDT+DDE+DDD]	Response [DDE+DDD]	% Break Down
4,4'-DDT	7.02	178275180.5	183894899.6	5619719.09	3.06
4,4'-DDE	0.00	0			
4,4'-DDD	6.71	5619719.088			

Column #2

Name	RT	Response	Response [DDT+DDE+DDD]	Response [DDE+DDD]	% Break Down
4,4'-DDT #2	6.04	286192103.7	292131155.3	5939051.67	2.03
4,4'-DDE #2	0.00	0			
4,4'-DDD #2	5.79	5939051.668			

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111824\
 Data File : PL093111.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Nov 2024 13:19
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/19/2024
 Supervised By :Ankita Jodhani 11/19/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 19 01:26:50 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 18:58:23 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.539	2.777	51573699	55975585	21.048	20.570
28)	SA Decachlor...	9.056	7.915	37701828	53175314	19.590	19.484
Target Compounds							
2)	A alpha-BHC	3.994	3.279	36597965	39346754	10.791	9.861
3)	MA gamma-BHC...	4.327	3.609	34249236	36538497	10.507	9.467
6)	B beta-BHC	4.525	3.909	16410721	17854743	11.353	10.846
14)	MA Endrin	6.573	5.640	97674098	144.5E6	42.902m	49.941
16)	A 4,4'-DDD	6.710	5.788	5619719	5939052	2.928	2.385
17)	MA 4,4'-DDT	7.024	6.038	178.3E6	286.2E6	86.134	106.698
18)	B Endrin al...	6.924	6.113	2612251	3708139	1.391	1.607
20)	A Methoxychlor	7.501	6.614	231.6E6	340.8E6	203.185	238.652
21)	B Endrin ke...	7.644	6.842	6070195	8001791	2.505	2.607

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111824\
Data File : PL093111.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2024 13:19
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

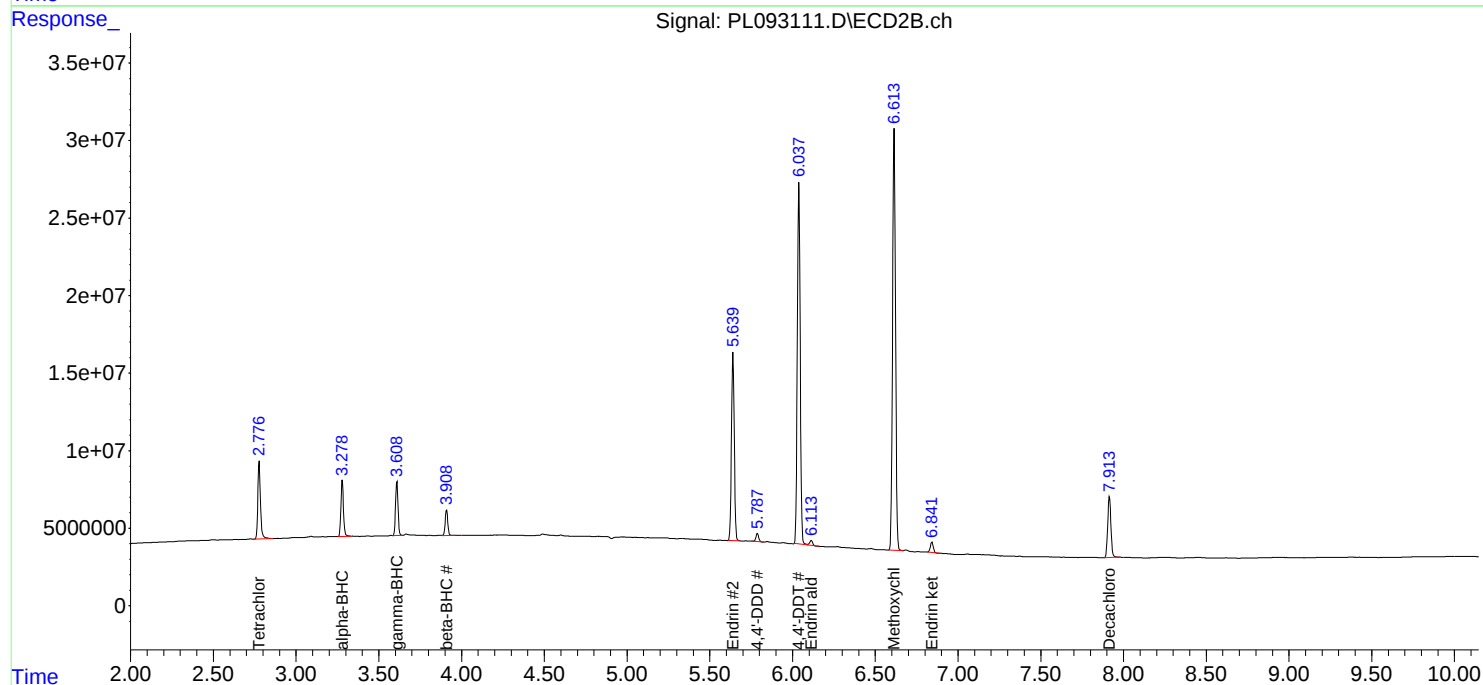
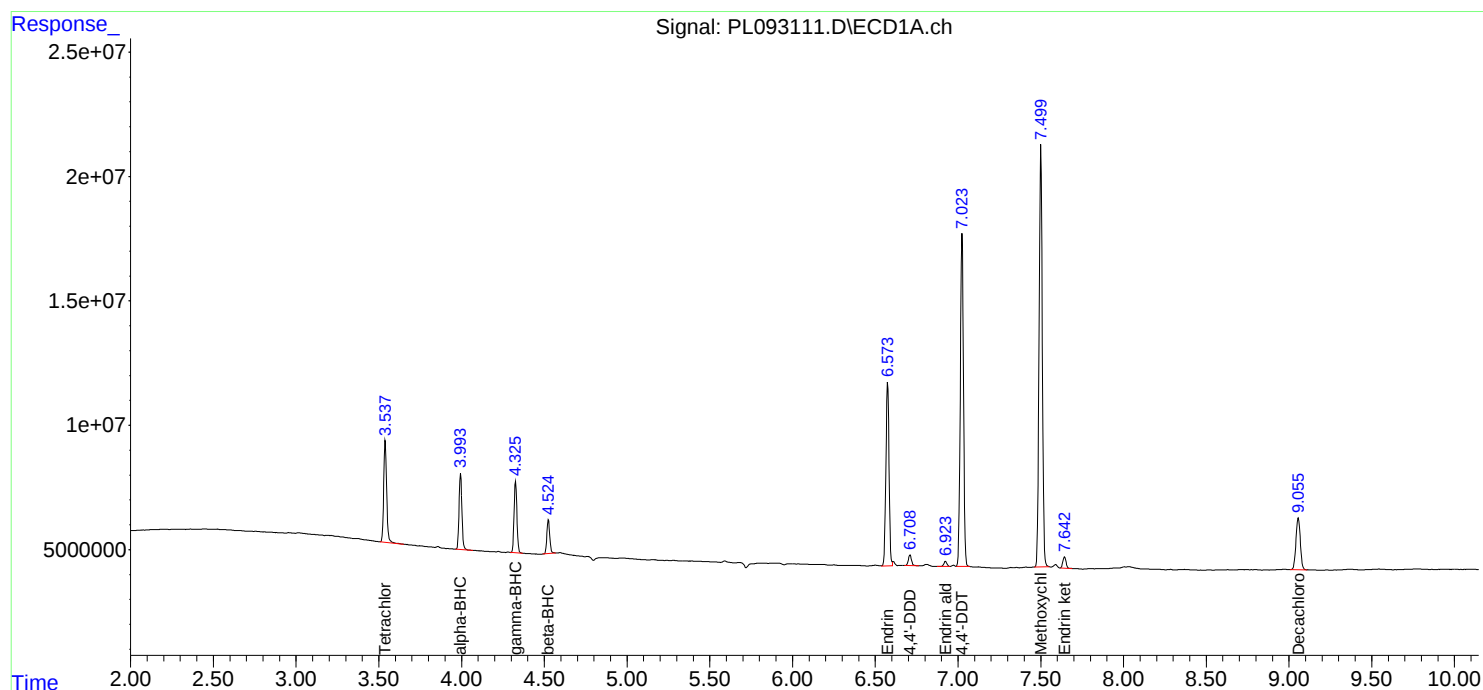
Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :Ankita Jodhani 11/19/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 01:26:50 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

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



PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: CORN02

Lab Code: CHEM Case No.: P4860 SAS No.: P4860 SDG NO.: P4860

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/28/2024 10/28/2024

Client Sample No. (PEM): PEM - PL093137.D Date Analyzed: 11/19/2024

Lab Sample No.(PEM): PEM Time Analyzed: 12:57

PEM COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
Decachlorobiphenyl	9.054	8.950	9.150	15.450	20.000	-22.8
Tetrachloro-m-xylene	3.536	3.490	3.590	19.640	20.000	-1.8
alpha-BHC	3.992	3.940	4.040	9.820	10.000	-1.8
beta-BHC	4.523	4.470	4.570	9.780	10.000	-2.2
gamma-BHC (Lindane)	4.325	4.270	4.380	10.650	10.000	6.5
Endrin	6.570	6.500	6.640	38.600	50.000	-22.8
4,4'-DDT	7.022	6.950	7.090	79.980	100.000	-20.0
Methoxychlor	7.498	7.430	7.570	187.950	250.000	-24.8

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/28/2024 10/28/2024

Client Sample No. (PEM): PEM - PL093137.D Date Analyzed: 11/19/2024

Lab Sample No.(PEM): PEM Time Analyzed: 12:57

PEM COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
Decachlorobiphenyl	7.913	7.810	8.010	17.000	20.000	-15.0
Tetrachloro-m-xylene	2.773	2.720	2.820	18.680	20.000	-6.6
alpha-BHC	3.276	3.230	3.330	8.980	10.000	-10.2
beta-BHC	3.906	3.860	3.960	9.620	10.000	-3.8
gamma-BHC (Lindane)	3.606	3.560	3.660	8.600	10.000	-14.0
Endrin	5.638	5.570	5.710	44.820	50.000	-10.4
4,4'-DDT	6.035	5.960	6.110	92.760	100.000	-7.2
Methoxychlor	6.612	6.540	6.680	221.790	250.000	-11.3

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
 Data File : PL093137.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Nov 2024 12:57
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/20/2024
 Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 19 22:57:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 18:58:23 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.536	2.773	48118173	50837481	19.638	18.682
2) SA Decachlor...	9.054	7.913	29724927	46387897	15.445	16.997
Target Compounds						
2) A alpha-BHC	3.992	3.276	33315181	35826482	9.823	8.979
3) MA gamma-BHC...	4.325	3.606	34701868	33178090	10.646	8.597
6) B beta-BHC	4.523	3.906	14136097	15829332	9.780	9.615
14) MA Endrin	6.570	5.638	87889172	129.7E6	38.604m	44.817
16) A 4,4'-DDD	6.709	5.786	1157834	1687156	0.603m	0.678m
17) MA 4,4'-DDT	7.022	6.035	165.5E6	248.8E6	79.981	92.758m
18) B Endrin al...	6.922	6.112	2207798	2677361	1.176	1.160
20) A Methoxychlor	7.498	6.612	214.3E6	316.7E6	187.953	221.785
21) B Endrin ke...	7.642	6.839	4549295	5937399	1.878	1.935m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
Data File : PL093137.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2024 12:57
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

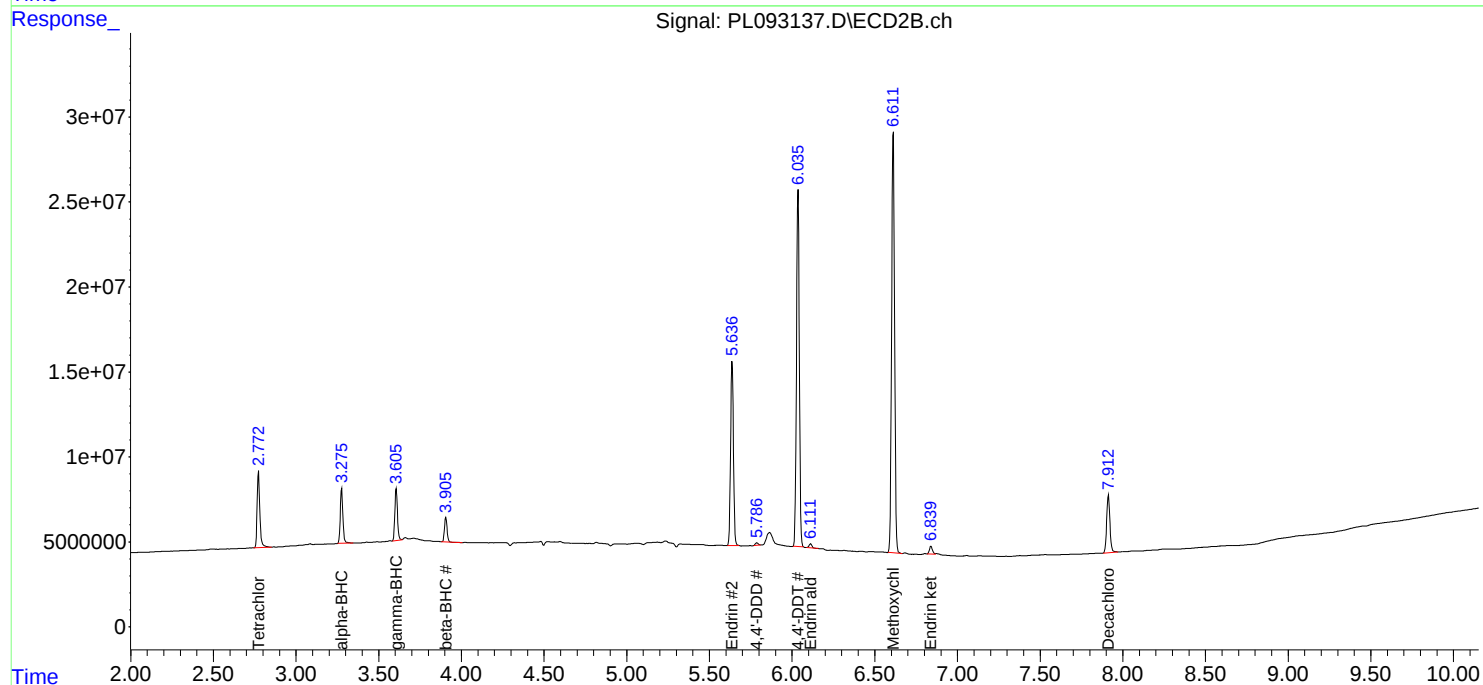
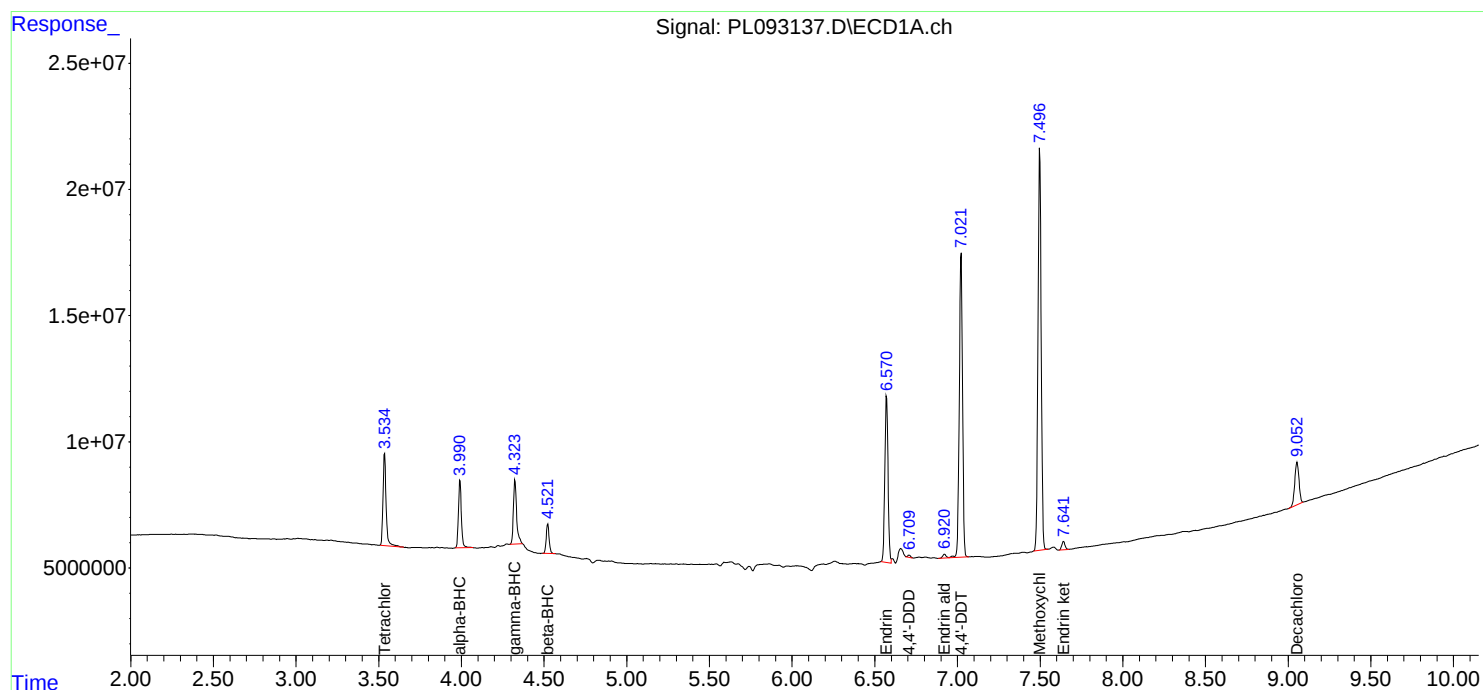
Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 22:57:47 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102824\
Data File : PL092654.D
Acq On : 28 Oct 2024 14:29
Operator : AR\AJ
Sample : RESCHK
Misc :
ALS Vial : 4 Sample Multiplier: 1

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

Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Title : GC Extractables
Last Update : Mon Oct 28 18:58:23 2024
Integrator: ChemStation

RT#1	RT#2	Resolution
3.540	5.940	100.00%
5.940	6.070	100.00%
6.070	6.193	100.00%
6.193	6.345	100.00%
6.345	7.158	100.00%
7.158	7.499	100.00%
7.499	7.643	100.00%
7.643	9.054	100.00%

Signal #2

2.778	4.982	100.00%
4.982	5.102	100.00%
5.102	5.235	100.00%
5.235	5.366	100.00%
5.366	6.338	100.00%
6.338	6.615	100.00%
6.615	6.844	100.00%
6.844	7.916	100.00%

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102824\
 Data File : PL092654.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2024 14:29
 Operator : AR\AJ
 Sample : RESCHK
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 RESCHK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 17:21:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 17:19:58 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.540	2.778	48587926	52085719	19.830	19.141
28)	SA Decachlor...	9.054	7.916	38629596	53476121	20.072	19.594
Target Compounds							
9)	A Endosulfan I	6.070	5.102	26602716	28047383	10.635	9.186
10)	B gamma-Chl...	5.940	4.982	28607831	32626788	10.752	9.705
12)	B 4,4'-DDE	6.193	5.235	47717989	61582025	20.141	19.115
13)	MA Dieldrin	6.345	5.366	51856039	61668549	19.676	18.462
19)	B Endosulfa...	7.158	6.338	40592527	50485467	18.703	18.720
20)	A Methoxychlor	7.499	6.615	100.3E6	134.2E6	87.976	93.949
21)	B Endrin ke...	7.643	6.844	47240044	57600618	19.498	18.770

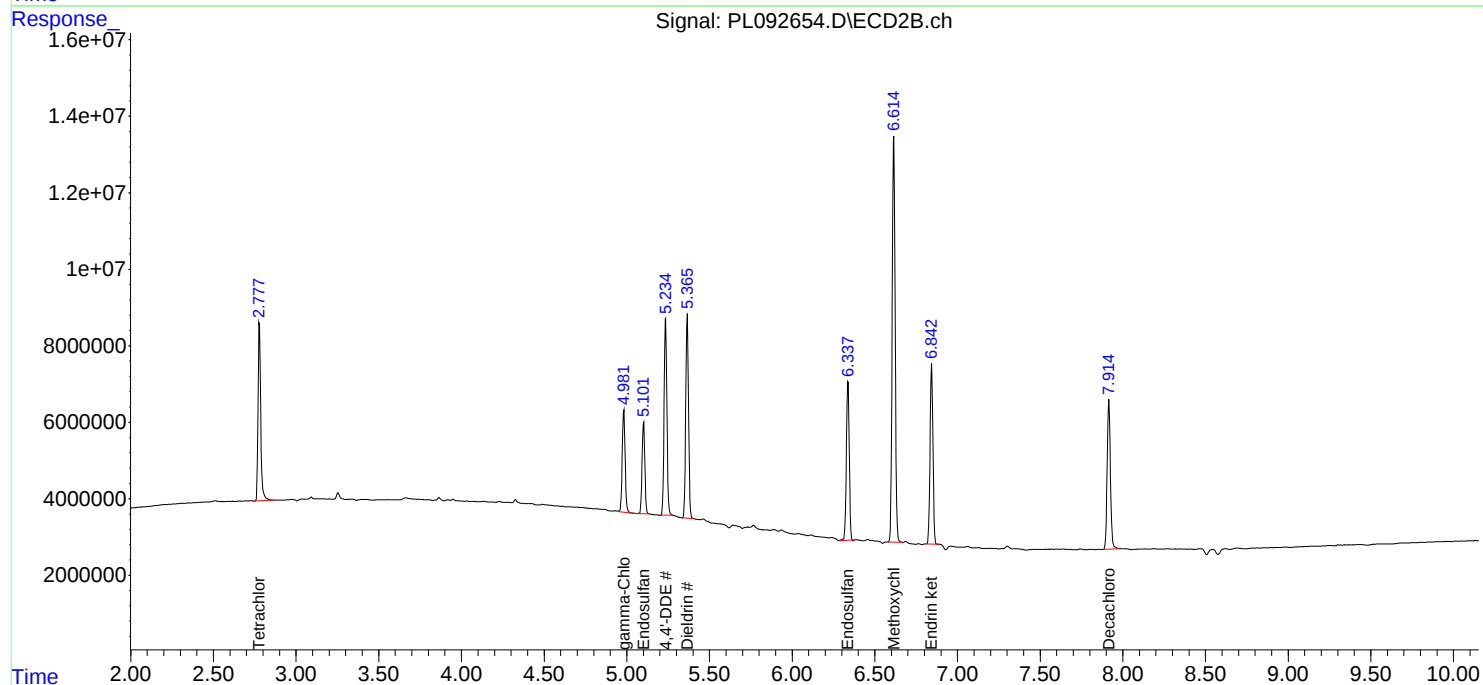
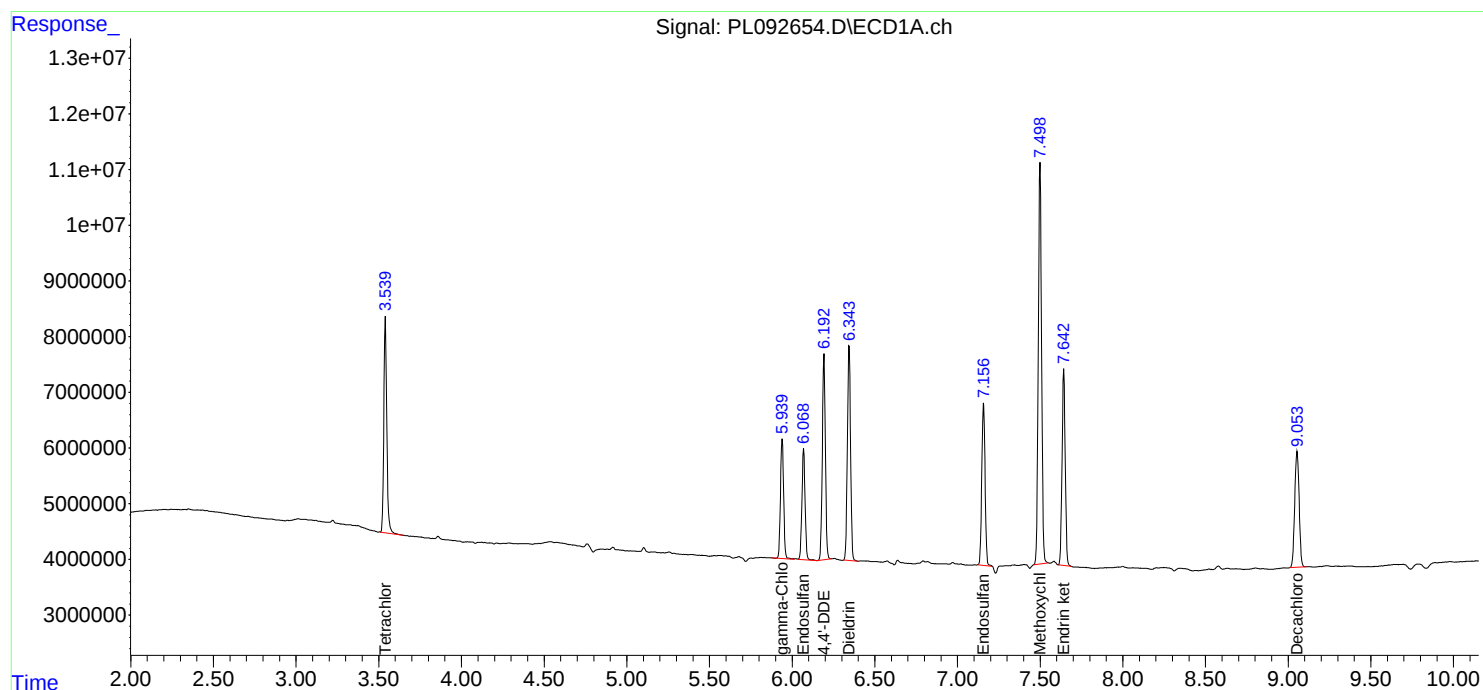
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102824\
Data File : PL092654.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2024 14:29
Operator : AR\AJ
Sample : RESCHK
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
RESCHK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 17:21:40 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 17:19:58 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Analytical Sequence

Client: Tetra Tech

SDG No.: P4860

Project: Ocean County Landfill 2024

Instrument ID: ECD_L

GC Column: ZB-MR2

ID: 0.32 (mm)

Inst. Calib. Date(s): 10/28/2024

10/28/2024

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,
AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
LBLK	LBLK	10/28/2024	13:55	PL092652.D	9.05	3.54
PEM	PEM	10/28/2024	14:16	PL092653.D	9.06	3.55
RESCHK	RESCHK	10/28/2024	14:29	PL092654.D	9.05	3.54
PSTDICC100	PSTDICC100	10/28/2024	14:43	PL092655.D	9.05	3.54
PSTDICC075	PSTDICC075	10/28/2024	14:56	PL092656.D	9.05	3.54
PSTDICC050	PSTDICC050	10/28/2024	15:09	PL092657.D	9.05	3.54
PSTDICC025	PSTDICC025	10/28/2024	15:23	PL092658.D	9.05	3.54
PSTDICC005	PSTDICC005	10/28/2024	15:36	PL092659.D	9.05	3.54
PCHLORICC500	PCHLORICC500	10/28/2024	16:16	PL092662.D	9.06	3.54
PTOXICC500	PTOXICC500	10/28/2024	17:23	PL092667.D	9.05	3.54
LBLK	LBLK	11/18/2024	09:32	PL093098.D	9.06	3.54
PEM	PEM	11/18/2024	09:46	PL093099.D	9.06	3.54
PSTDCCC050	PSTDCCC050	11/18/2024	09:59	PL093100.D	9.06	3.54
PH2-BOT-002	P4860-03	11/18/2024	12:26	PL093107.D	9.06	3.54
PH2-BOT-003	P4860-04	11/18/2024	12:39	PL093108.D	9.05	3.54
PH2-BOT-004	P4860-05	11/18/2024	12:52	PL093109.D	9.06	3.54
LBLK	LBLK	11/18/2024	13:05	PL093110.D	9.06	3.54
PEM	PEM	11/18/2024	13:19	PL093111.D	9.06	3.54
PSTDCCC050	PSTDCCC050	11/18/2024	13:32	PL093112.D	9.06	3.54
PH2-BOT-009	P4860-06	11/18/2024	13:45	PL093113.D	9.06	3.54
LBLK	LBLK	11/18/2024	18:08	PL093133.D	9.06	3.54
PSTDCCC050	PSTDCCC050	11/18/2024	18:21	PL093134.D	9.06	3.54
LBLK	LBLK	11/19/2024	12:44	PL093136.D	9.05	3.54
PEM	PEM	11/19/2024	12:57	PL093137.D	9.05	3.54
PSTDCCC050	PSTDCCC050	11/19/2024	13:25	PL093138.D	9.06	3.54
PB165046BS	PB165046BS	11/19/2024	13:52	PL093139.D	9.05	3.54
PB165046BL	PB165046BL	11/19/2024	14:05	PL093140.D	9.05	3.54
DUP-01	P4860-01	11/19/2024	14:18	PL093141.D	9.05	3.54
PH2-BOT-001	P4860-02	11/19/2024	14:31	PL093142.D	9.05	3.53
PH2-BOT-006	P4860-09	11/19/2024	14:44	PL093143.D	9.05	3.53
PH2-BOT-005	P4860-10	11/19/2024	14:57	PL093144.D	9.05	3.53
PH2-BOT-008	P4860-07	11/19/2024	15:11	PL093145.D	9.05	3.54
PH2-BOT-007	P4860-08	11/19/2024	15:24	PL093146.D	9.05	3.53
PH2-BOT-007MS	P4860-08MS	11/19/2024	15:37	PL093147.D	9.05	3.53
PH2-BOT-007MSD	P4860-08MSD	11/19/2024	15:50	PL093148.D	9.05	3.53
LBLK	LBLK	11/19/2024	16:43	PL093152.D	9.05	3.54
PSTDCCC050	PSTDCCC050	11/19/2024	16:56	PL093153.D	9.06	3.54

Analytical Sequence

Client: Tetra Tech	SDG No.: P4860
Project: Ocean County Landfill 2024	Instrument ID: ECD_L
GC Column: ZB-MR1	ID: 0.32 (mm) Inst. Calib. Date(s): 10/28/2024 10/28/2024

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,
AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	10/28/2024	13:55	PL092652.D	7.92	2.78
PEM	PEM	10/28/2024	14:16	PL092653.D	7.92	2.78
RESCHK	RESCHK	10/28/2024	14:29	PL092654.D	7.92	2.78
PSTDICCC100	PSTDICCC100	10/28/2024	14:43	PL092655.D	7.92	2.78
PSTDICCC075	PSTDICCC075	10/28/2024	14:56	PL092656.D	7.92	2.78
PSTDICCC050	PSTDICCC050	10/28/2024	15:09	PL092657.D	7.92	2.78
PSTDICCC025	PSTDICCC025	10/28/2024	15:23	PL092658.D	7.92	2.78
PSTDICCC005	PSTDICCC005	10/28/2024	15:36	PL092659.D	7.92	2.78
PCHLORICC500	PCHLORICC500	10/28/2024	16:16	PL092662.D	7.92	2.78
PTOXICC500	PTOXICC500	10/28/2024	17:23	PL092667.D	7.92	2.78
IBLK	IBLK	11/18/2024	09:32	PL093098.D	7.92	2.78
PEM	PEM	11/18/2024	09:46	PL093099.D	7.92	2.78
PSTDCCC050	PSTDCCC050	11/18/2024	09:59	PL093100.D	7.92	2.78
PH2-BOT-002	P4860-03	11/18/2024	12:26	PL093107.D	7.91	2.78
PH2-BOT-003	P4860-04	11/18/2024	12:39	PL093108.D	7.92	2.78
PH2-BOT-004	P4860-05	11/18/2024	12:52	PL093109.D	7.92	2.78
IBLK	IBLK	11/18/2024	13:05	PL093110.D	7.92	2.78
PEM	PEM	11/18/2024	13:19	PL093111.D	7.92	2.78
PSTDCCC050	PSTDCCC050	11/18/2024	13:32	PL093112.D	7.92	2.78
PH2-BOT-009	P4860-06	11/18/2024	13:45	PL093113.D	7.92	2.78
IBLK	IBLK	11/18/2024	18:08	PL093133.D	7.92	2.78
PSTDCCC050	PSTDCCC050	11/18/2024	18:21	PL093134.D	7.92	2.78
IBLK	IBLK	11/19/2024	12:44	PL093136.D	7.91	2.77
PEM	PEM	11/19/2024	12:57	PL093137.D	7.91	2.77
PSTDCCC050	PSTDCCC050	11/19/2024	13:25	PL093138.D	7.91	2.77
PB165046BS	PB165046BS	11/19/2024	13:52	PL093139.D	7.91	2.77
PB165046BL	PB165046BL	11/19/2024	14:05	PL093140.D	7.91	2.77
DUP-01	P4860-01	11/19/2024	14:18	PL093141.D	7.91	2.77
PH2-BOT-001	P4860-02	11/19/2024	14:31	PL093142.D	7.91	2.77
PH2-BOT-006	P4860-09	11/19/2024	14:44	PL093143.D	7.91	2.77
PH2-BOT-005	P4860-10	11/19/2024	14:57	PL093144.D	7.91	2.77
PH2-BOT-008	P4860-07	11/19/2024	15:11	PL093145.D	7.91	2.77
PH2-BOT-007	P4860-08	11/19/2024	15:24	PL093146.D	7.91	2.77
PH2-BOT-007MS	P4860-08MS	11/19/2024	15:37	PL093147.D	7.91	2.77
PH2-BOT-007MSD	P4860-08MSD	11/19/2024	15:50	PL093148.D	7.91	2.77
IBLK	IBLK	11/19/2024	16:43	PL093152.D	7.91	2.77
PSTDCCC050	PSTDCCC050	11/19/2024	16:56	PL093153.D	7.91	2.77

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

DUP-01

Contract: CORN02

Lab Code: CHEM

Case No.: P4860

SAS No.: P4860

SDG NO.: P4860

Lab Sample ID: P4860-01

Date(s) Analyzed: 11/19/2024 11/19/2024

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	6.71	6.66	6.76	0.20	28.1
	2	5.79	5.74	5.84	0.26	
4,4'-DDE	1	6.19	6.14	6.24	0.19	47.2
	2	5.23	5.18	5.28	0.31	
gamma-Chlordane	1	5.94	5.89	5.99	0.37	60.9
	2	4.98	4.93	5.03	0.20	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB165046BS

Contract: CORN02

Lab Code: CHEM

Case No.: P4860

SAS No.: P4860

SDG NO.: P4860

Lab Sample ID: PB165046BS

Date(s) Analyzed: 11/19/2024

11/19/2024

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR2

ID: 0.32 (mm)

GC Column: (2): ZB-MR1

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Methoxychlor	1	7.50	7.45	7.55	15.4	12.2
	2	6.61	6.56	6.66	17.4	
Endrin ketone	1	7.64	7.59	7.69	15.5	9.8
	2	6.84	6.79	6.89	17.1	
alpha-BHC	1	3.99	3.94	4.04	16.7	1.8
	2	3.28	3.23	3.33	17.0	
gamma-BHC (Lindane)	1	4.32	4.27	4.37	16.2	3
	2	3.61	3.56	3.66	16.7	
Heptachlor	1	4.91	4.86	4.96	16.5	9.2
	2	3.95	3.90	4.00	18.1	
Aldrin	1	5.26	5.21	5.31	15.5	5.6
	2	4.23	4.18	4.28	16.4	
beta-BHC	1	4.52	4.47	4.57	16.2	5.4
	2	3.91	3.86	3.96	17.1	
delta-BHC	1	4.77	4.72	4.82	14.4	3.5
	2	4.14	4.09	4.19	13.9	
Heptachlor epoxide	1	5.68	5.63	5.73	15.5	9.2
	2	4.73	4.68	4.78	17.0	
Endosulfan I	1	6.07	6.02	6.12	15.9	10.7
	2	5.10	5.05	5.15	17.7	
gamma-Chlordane	1	5.94	5.89	5.99	15.9	11.3
	2	4.98	4.93	5.03	17.8	
alpha-Chlordane	1	6.02	5.97	6.07	16.1	9.5
	2	5.04	4.99	5.09	17.7	
4,4'-DDE	1	6.19	6.14	6.24	16.2	11.1
	2	5.23	5.18	5.28	18.1	
Dieldrin	1	6.34	6.29	6.39	16.0	9.5
	2	5.36	5.31	5.41	17.6	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB165046BS

Contract: CORN02

Lab Code: CHEM

Case No.: P4860

SAS No.: P4860

SDG NO.: P4860

Lab Sample ID: PB165046BS

Date(s) Analyzed: 11/19/2024

11/19/2024

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR2

ID: 0.32 (mm)

GC Column: (2): ZB-MR1

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endrin	1	6.57	6.52	6.62	15.6	18.1
	2	5.64	5.59	5.69	18.7	
Endosulfan II	1	6.79	6.74	6.84	15.2	15.8
	2	5.93	5.88	5.98	17.8	
4,4'-DDD	1	6.71	6.66	6.76	15.6	14.8
	2	5.79	5.74	5.84	18.1	
4,4'-DDT	1	7.02	6.97	7.07	16.4	7.1
	2	6.04	5.99	6.09	17.6	
Endrin aldehyde	1	6.92	6.87	6.97	15.0	11.3
	2	6.11	6.06	6.16	16.8	
Endosulfan sulfate	1	7.16	7.11	7.21	14.8	12.7
	2	6.34	6.29	6.39	16.8	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PH2-BOT-001

Contract: CORN02

Lab Code: CHEM

Case No.: P4860

SAS No.: P4860

SDG NO.: P4860

Lab Sample ID: P4860-02

Date(s) Analyzed: 11/19/2024 11/19/2024

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	6.71	6.66	6.76	1.30	40.8
	2	5.79	5.74	5.84	0.86	
4,4'-DDT	1	7.03	6.98	7.08	2.10	92.7
	2	6.03	5.98	6.08	0.77	
4,4'-DDE	1	6.19	6.14	6.24	0.62	5.8
	2	5.23	5.18	5.28	0.58	
gamma-Chlordane	1	5.94	5.89	5.99	6.50	102.3
	2	4.98	4.93	5.03	2.10	
alpha-Chlordane	1	6.02	5.97	6.07	2.60	73.7
	2	5.04	4.99	5.09	1.20	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PH2-BOT-002

Contract: CORN02

Lab Code: CHEM

Case No.: P4860

SAS No.: P4860

SDG NO.: P4860

Lab Sample ID: P4860-03

Date(s) Analyzed: 11/18/2024 11/18/2024

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	6.71	6.66	6.76	1.20	0
	2	5.79	5.74	5.84	1.20	
4,4'-DDT	1	7.03	6.98	7.08	2.40	97.3
	2	6.03	5.98	6.08	0.83	
4,4'-DDE	1	6.19	6.14	6.24	1.00	47.5
	2	5.23	5.18	5.28	0.62	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PH2-BOT-003

Contract: CORN02

Lab Code: CHEM

Case No.: P4860

SAS No.: P4860

SDG NO.: P4860

Lab Sample ID: P4860-04

Date(s) Analyzed: 11/18/2024 11/18/2024

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	6.71	6.66	6.76	0.53	36.4
	2	5.79	5.74	5.84	0.37	
4,4'-DDT	1	7.03	6.98	7.08	0.32	6.1
	2	6.03	5.98	6.08	0.34	
alpha-Chlordane	1	6.02	5.97	6.07	1.50	22.2
	2	5.04	4.99	5.09	1.20	
gamma-Chlordane	1	5.94	5.89	5.99	1.20	45.2
	2	4.98	4.93	5.03	0.76	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PH2-BOT-004

Contract: CORN02

Lab Code: CHEM **Case No.:** P4860

SAS No.: P4860

SDG NO.: P4860

Lab Sample ID: P4860-05

Date(s) Analyzed: 11/18/2024 11/18/2024

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR2 **ID:** 0.32 (mm)

GC Column: (2): ZB-MR1 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	6.71	6.66	6.76	0.97	6.1
	2	5.79	5.74	5.84	0.91	
4,4'-DDT	1	7.02	6.97	7.07	2.20	4.7
	2	6.04	5.99	6.09	2.10	
gamma-Chlordane	1	5.94	5.89	5.99	0.42	14.8
	2	4.98	4.93	5.03	0.36	
alpha-Chlordane	1	6.02	5.97	6.07	0.65	54.3
	2	5.04	4.99	5.09	0.37	
4,4'-DDE	1	6.19	6.14	6.24	0.17	4.2
	2	5.23	5.18	5.28	0.16	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PH2-BOT-007

Contract: CORN02

Lab Code: CHEM

Case No.: P4860

SAS No.: P4860

SDG NO.: P4860

Lab Sample ID: P4860-08

Date(s) Analyzed: 11/19/2024 11/19/2024

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	6.71	6.66	6.76	1.00	11.9
	2	5.78	5.73	5.83	0.89	
4,4'-DDT	1	7.03	6.98	7.08	1.70	126.3
	2	6.03	5.98	6.08	0.38	
4,4'-DDE	1	6.19	6.14	6.24	0.48	5.9
	2	5.23	5.18	5.28	0.45	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PH2-BOT-007MS

Contract: CORN02

Lab Code: CHEM

Case No.: P4860

SAS No.: P4860

SDG NO.: P4860

Lab Sample ID: P4860-08MS

Date(s) Analyzed: 11/19/2024

11/19/2024

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR2

ID: 0.32 (mm)

GC Column: (2): ZB-MR1

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan II	1	6.79	6.74	6.84	15.1	11.2
	2	5.93	5.88	5.98	16.9	
4,4'-DDD	1	6.71	6.66	6.76	15.6	12.6
	2	5.79	5.74	5.84	17.7	
4,4'-DDT	1	7.02	6.97	7.07	17.1	1.7
	2	6.04	5.99	6.09	17.4	
alpha-BHC	1	3.99	3.94	4.04	15.8	1.9
	2	3.28	3.23	3.33	16.1	
Aldrin	1	5.26	5.21	5.31	15.0	9.5
	2	4.23	4.18	4.28	16.5	
beta-BHC	1	4.52	4.47	4.57	15.9	6.1
	2	3.91	3.86	3.96	16.9	
delta-BHC	1	4.77	4.72	4.82	12.9	4.5
	2	4.14	4.09	4.19	13.5	
Endosulfan I	1	6.07	6.02	6.12	15.1	5.8
	2	5.10	5.05	5.15	16.0	
alpha-Chlordane	1	6.02	5.97	6.07	15.5	11.6
	2	5.04	4.99	5.09	17.4	
4,4'-DDE	1	6.19	6.14	6.24	15.8	12.5
	2	5.23	5.18	5.28	17.9	
Dieldrin	1	6.34	6.29	6.39	15.0	13.1
	2	5.36	5.31	5.41	17.1	
Endrin aldehyde	1	6.92	6.87	6.97	14.0	11.4
	2	6.11	6.06	6.16	15.7	
Endosulfan sulfate	1	7.16	7.11	7.21	14.3	10.6
	2	6.34	6.29	6.39	15.9	
Methoxychlor	1	7.50	7.45	7.55	14.8	12.7
	2	6.61	6.56	6.66	16.8	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PH2-BOT-007MS

Contract: CORN02

Lab Code: CHEM

Case No.: P4860

SAS No.: P4860

SDG NO.: P4860

Lab Sample ID: P4860-08MS

Date(s) Analyzed: 11/19/2024

11/19/2024

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR2

ID: 0.32 (mm)

GC Column: (2): ZB-MR1

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endrin ketone	1	7.64	7.59	7.69	14.9	7.7
	2	6.84	6.79	6.89	16.1	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	15.6	1.9
	2	3.61	3.56	3.66	15.9	
Heptachlor	1	4.91	4.86	4.96	16.0	6.1
	2	3.95	3.90	4.00	17.0	
Heptachlor epoxide	1	5.68	5.63	5.73	15.1	8.9
	2	4.73	4.68	4.78	16.5	
gamma-Chlordane	1	5.94	5.89	5.99	15.7	9.1
	2	4.98	4.93	5.03	17.2	
Endrin	1	6.57	6.52	6.62	15.2	15.8
	2	5.64	5.59	5.69	17.8	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PH2-BOT-007MSD

Contract: CORN02

Lab Code: CHEM Case No.: P4860

SAS No.: P4860 SDG NO.: P4860

Lab Sample ID: P4860-08MSD

Date(s) Analyzed: 11/19/2024 11/19/2024

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan II	1	6.79	6.74	6.84	15.4	8.7
	2	5.93	5.88	5.98	16.8	
4,4'-DDD	1	6.71	6.66	6.76	15.8	13
	2	5.79	5.74	5.84	18.0	
4,4'-DDT	1	7.02	6.97	7.07	17.0	3.5
	2	6.04	5.99	6.09	17.6	
Endrin aldehyde	1	6.92	6.87	6.97	14.0	10.2
	2	6.11	6.06	6.16	15.5	
Endosulfan sulfate	1	7.16	7.11	7.21	14.3	11.2
	2	6.34	6.29	6.39	16.0	
Methoxychlor	1	7.50	7.45	7.55	14.7	12.1
	2	6.61	6.56	6.66	16.6	
Endrin ketone	1	7.64	7.59	7.69	14.9	7.1
	2	6.84	6.79	6.89	16.0	
alpha-BHC	1	3.99	3.94	4.04	15.6	1.9
	2	3.28	3.23	3.33	15.9	
gamma-BHC (Lindane)	1	4.32	4.27	4.37	15.4	1.3
	2	3.61	3.56	3.66	15.6	
Heptachlor	1	4.91	4.86	4.96	15.9	4.9
	2	3.95	3.90	4.00	16.7	
Aldrin	1	5.26	5.21	5.31	14.9	8.4
	2	4.23	4.18	4.28	16.2	
beta-BHC	1	4.52	4.47	4.57	15.6	6.2
	2	3.91	3.86	3.96	16.6	
delta-BHC	1	4.77	4.72	4.82	12.8	3.8
	2	4.14	4.09	4.19	13.3	
Heptachlor epoxide	1	5.68	5.63	5.73	15.1	7.6
	2	4.73	4.68	4.78	16.3	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PH2-BOT-007MSD

Contract: CORN02

Lab Code: CHEM

Case No.: P4860

SAS No.: P4860

SDG NO.: P4860

Lab Sample ID: P4860-08MSD

Date(s) Analyzed: 11/19/2024

11/19/2024

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR2

ID: 0.32 (mm)

GC Column: (2): ZB-MR1

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan I	1	6.07	6.02	6.12	15.1	0.7
	2	5.10	5.05	5.15	15.0	
gamma-Chlordane	1	5.94	5.89	5.99	15.7	7.4
	2	4.98	4.93	5.03	16.9	
alpha-Chlordane	1	6.02	5.97	6.07	15.4	9.9
	2	5.04	4.99	5.09	17.0	
4,4'-DDE	1	6.19	6.14	6.24	15.7	12.5
	2	5.23	5.18	5.28	17.8	
Dieldrin	1	6.34	6.29	6.39	14.9	13.2
	2	5.36	5.31	5.41	17.0	
Endrin	1	6.57	6.52	6.62	15.2	18.5
	2	5.64	5.59	5.69	18.3	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PH2-BOT-008

Contract: CORN02

Lab Code: CHEM

Case No.: P4860

SAS No.: P4860

SDG NO.: P4860

Lab Sample ID: P4860-07

Date(s) Analyzed: 11/19/2024 11/19/2024

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	6.71	6.66	6.76	2.10	40
	2	5.79	5.74	5.84	1.40	
4,4'-DDT	1	7.02	6.97	7.07	0.60	36.3
	2	6.03	5.98	6.08	0.87	
gamma-Chlordane	1	5.94	5.89	5.99	1.30	55.9
	2	4.98	4.93	5.03	0.73	
alpha-Chlordane	1	6.02	5.97	6.07	1.40	70.1
	2	5.04	4.99	5.09	0.67	



QC SAMPLE DATA

Report of Analysis

Client:	Tetra Tech	Date Collected:	
Project:	Ocean County Landfill 2024	Date Received:	
Client Sample ID:	PB165046BL	SDG No.:	P4860
Lab Sample ID:	PB165046BL	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	100 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093140.D	1	11/18/24 08:20	11/19/24 14:05	PB165046

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.18	U	0.18	1.70	ug/kg
319-85-7	beta-BHC	0.49	U	0.49	1.70	ug/kg
319-86-8	delta-BHC	0.47	U	0.47	1.70	ug/kg
58-89-9	gamma-BHC (Lindane)	0.19	U	0.19	1.70	ug/kg
76-44-8	Heptachlor	0.17	U	0.17	1.70	ug/kg
309-00-2	Aldrin	0.14	U	0.14	1.70	ug/kg
1024-57-3	Heptachlor epoxide	0.23	U	0.23	1.70	ug/kg
959-98-8	Endosulfan I	0.17	U	0.17	1.70	ug/kg
60-57-1	Dieldrin	0.15	U	0.15	1.70	ug/kg
72-55-9	4,4-DDE	0.13	U	0.13	1.70	ug/kg
72-20-8	Endrin	0.16	U	0.16	1.70	ug/kg
33213-65-9	Endosulfan II	0.30	U	0.30	1.70	ug/kg
72-54-8	4,4-DDD	0.19	U	0.19	1.70	ug/kg
1031-07-8	Endosulfan Sulfate	0.13	U	0.13	1.70	ug/kg
50-29-3	4,4-DDT	0.17	U	0.17	1.70	ug/kg
72-43-5	Methoxychlor	0.38	U	0.38	1.70	ug/kg
53494-70-5	Endrin ketone	0.22	U	0.22	1.70	ug/kg
7421-93-4	Endrin aldehyde	0.39	U	0.39	1.70	ug/kg
5103-71-9	alpha-Chlordane	0.17	U	0.17	1.70	ug/kg
5103-74-2	gamma-Chlordane	0.19	U	0.19	1.70	ug/kg
8001-35-2	Toxaphene	5.20	U	5.20	33.0	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	18.9		30 (10) - 150 (148)	95%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.4		30 (10) - 150 (159)	97%	SPK: 20

Report of Analysis

Client:	Tetra Tech		Date Collected:		
Project:	Ocean County Landfill 2024		Date Received:		
Client Sample ID:	PB165046BL		SDG No.:	P4860	
Lab Sample ID:	PB165046BL		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	100	Decanted:
Sample Wt/Vol:	30.01	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093140.D	1	11/18/24 08:20	11/19/24 14:05	PB165046

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
 Data File : PL093140.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Nov 2024 14:05
 Operator : AR\AJ
 Sample : PB165046BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB165046BL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 19 23:00:28 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 18:58:23 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.536	2.773	47434026	49283232	19.359	18.111
28) SA Decachlor...	9.054	7.913	32055083	51659087	16.656	18.928

Target Compounds

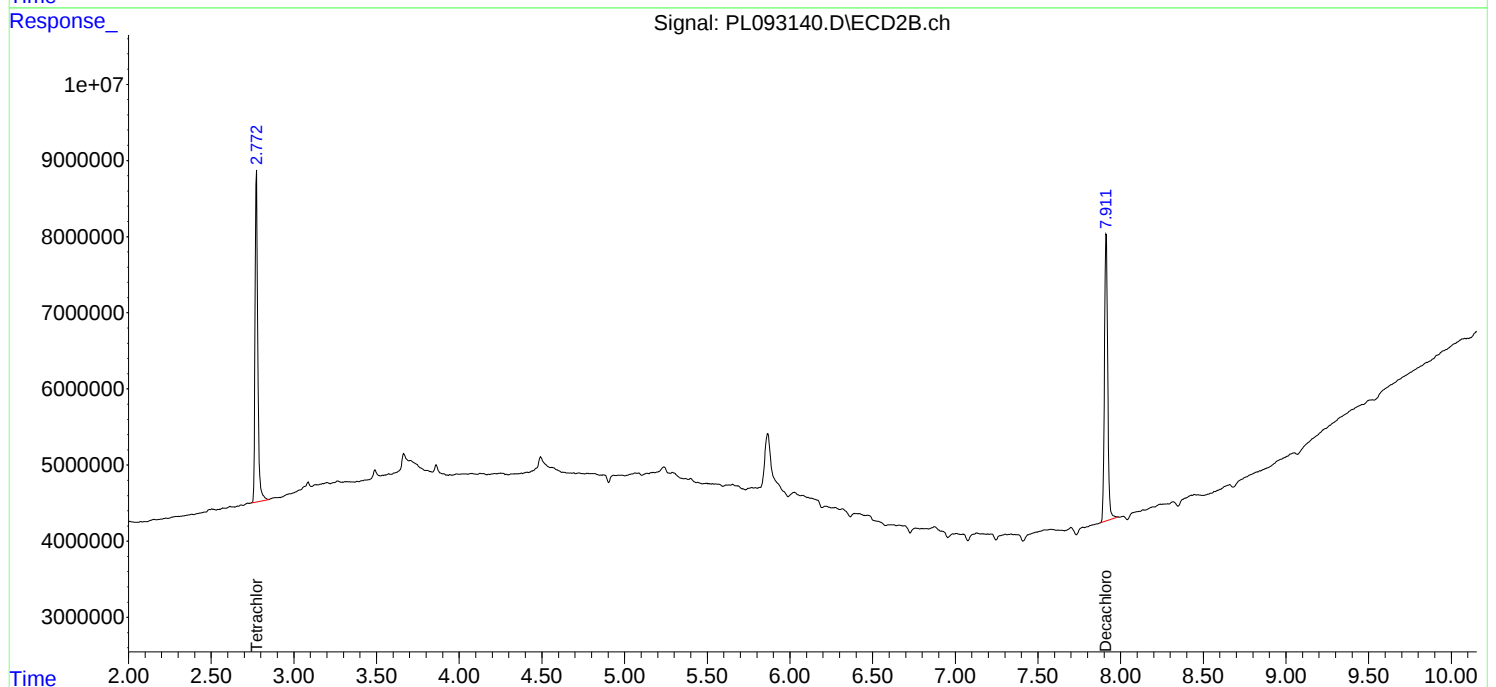
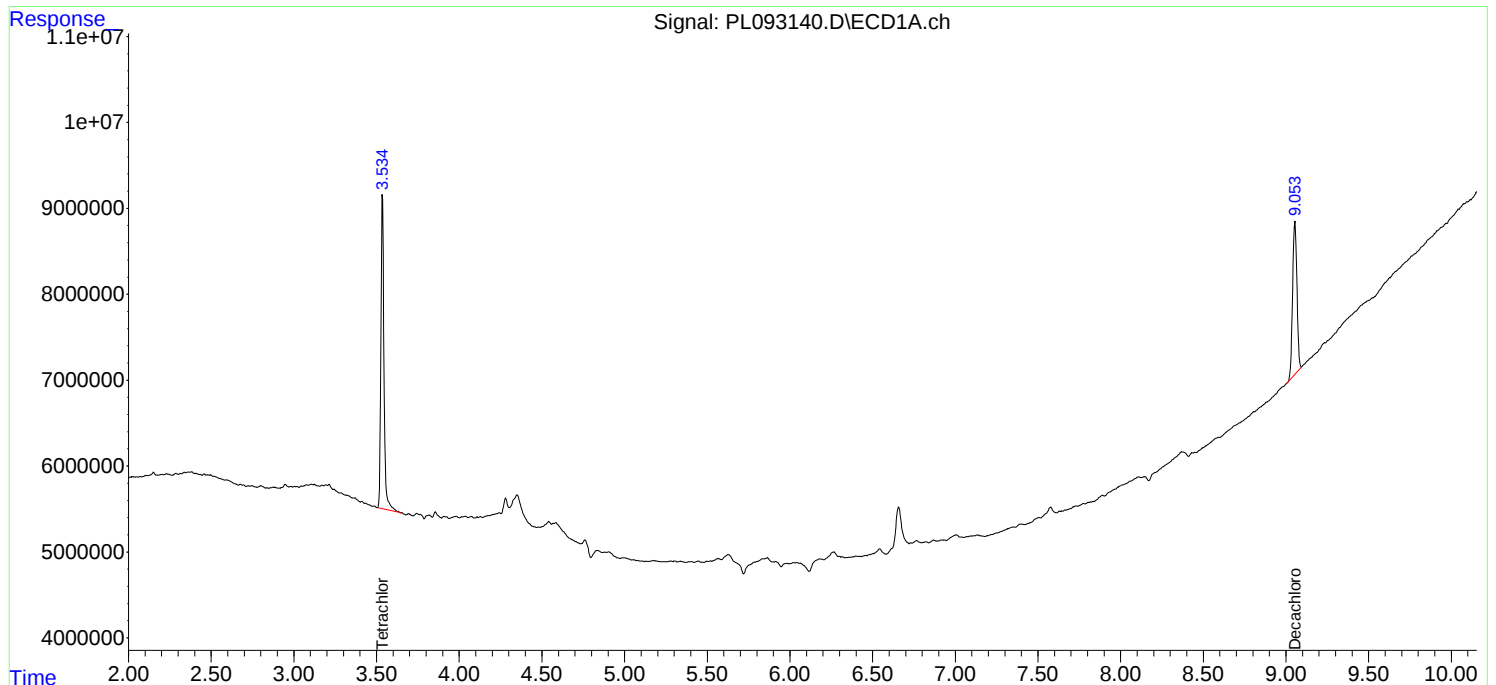
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

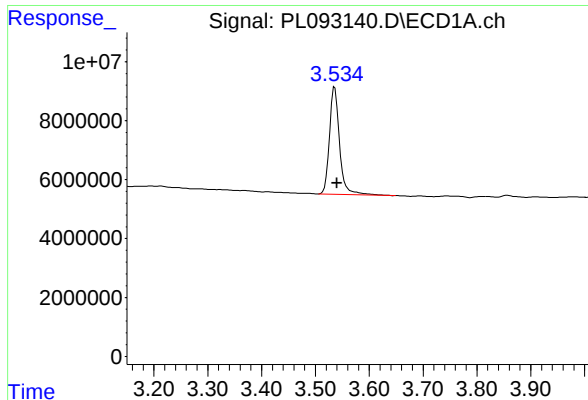
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
Data File : PL093140.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2024 14:05
Operator : AR\AJ
Sample : PB165046BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB165046BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 23:00:28 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

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

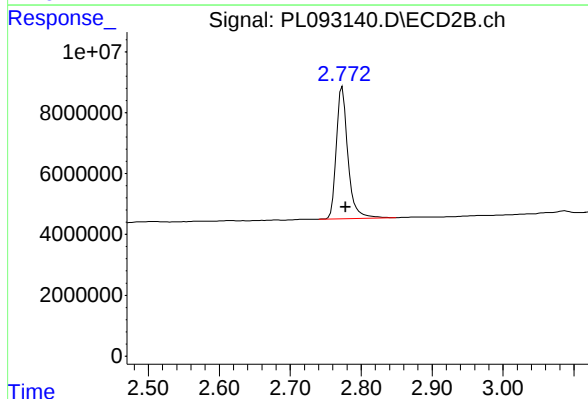




#1 Tetrachloro-m-xylene

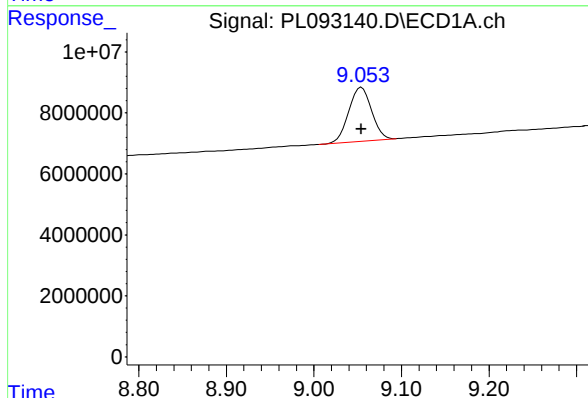
R.T.: 3.536 min
Delta R.T.: -0.004 min
Response: 47434026
Conc: 19.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165046BL



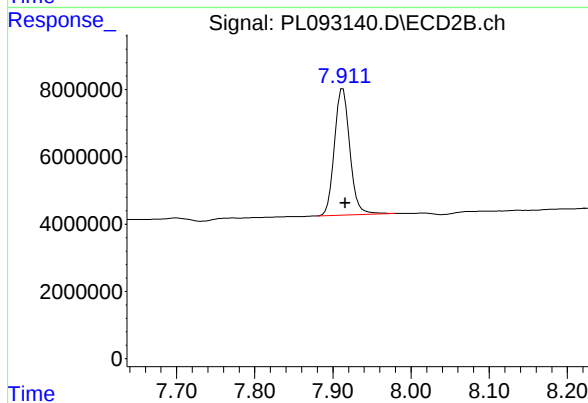
#1 Tetrachloro-m-xylene

R.T.: 2.773 min
Delta R.T.: -0.004 min
Response: 49283232
Conc: 18.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: 0.000 min
Response: 32055083
Conc: 16.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.913 min
Delta R.T.: -0.003 min
Response: 51659087
Conc: 18.93 ng/ml

Report of Analysis

Client:	Tetra Tech			Date Collected:	10/28/24	
Project:	Ocean County Landfill 2024			Date Received:	10/28/24	
Client Sample ID:	PIBLK-PL092652.D			SDG No.:	P4860	
Lab Sample ID:	I.BLK-PL092652.D			Matrix:	WATER	
Analytical Method:	SW8081			% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	10000	uL
Soil Aliquot Vol:			uL	Test:	Pesticide-TCL	
Extraction Type:				Injection Volume :		
GPC Factor :	1.0		PH :			
Prep Method :	3510C					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092652.D	1		10/28/24	PL102824

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0061	U	0.0061	0.050	ug/L
319-85-7	beta-BHC	0.014	U	0.014	0.050	ug/L
319-86-8	delta-BHC	0.015	U	0.015	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.0049	U	0.0049	0.050	ug/L
76-44-8	Heptachlor	0.0054	U	0.0054	0.050	ug/L
309-00-2	Aldrin	0.0044	U	0.0044	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0090	U	0.0090	0.050	ug/L
959-98-8	Endosulfan I	0.0050	U	0.0050	0.050	ug/L
60-57-1	Dieldrin	0.0047	U	0.0047	0.050	ug/L
72-55-9	4,4-DDE	0.0045	U	0.0045	0.050	ug/L
72-20-8	Endrin	0.0043	U	0.0043	0.050	ug/L
33213-65-9	Endosulfan II	0.0075	U	0.0075	0.050	ug/L
72-54-8	4,4-DDD	0.0092	U	0.0092	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0035	U	0.0035	0.050	ug/L
50-29-3	4,4-DDT	0.0044	U	0.0044	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0097	U	0.0097	0.050	ug/L
7421-93-4	Endrin aldehyde	0.0099	U	0.0099	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0060	U	0.0060	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0060	U	0.0060	0.050	ug/L
8001-35-2	Toxaphene	0.15	U	0.15	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	22.7		30 (43) - 150 (140)	114%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.6		30 (77) - 150 (126)	108%	SPK: 20

Report of Analysis

Client:	Tetra Tech	Date Collected:	10/28/24			
Project:	Ocean County Landfill 2024	Date Received:	10/28/24			
Client Sample ID:	PIBLK-PL092652.D	SDG No.:	P4860			
Lab Sample ID:	I.BLK-PL092652.D	Matrix:	WATER			
Analytical Method:	SW8081	% Solid:	0	Decanted:		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	10000	uL
Soil Aliquot Vol:			uL	Test:	Pesticide-TCL	
Extraction Type:				Injection Volume :		
GPC Factor :	1.0	PH :				
Prep Method :	3510C					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092652.D	1		10/28/24	PL102824

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102824\
 Data File : PL092652.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2024 13:55
 Operator : AR\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 17:20:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 17:19:58 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.539	2.777	52846066	55504223	21.568	20.397
28) SA Decachlor...	9.052	7.915	43705517	59287776	22.709	21.723

Target Compounds

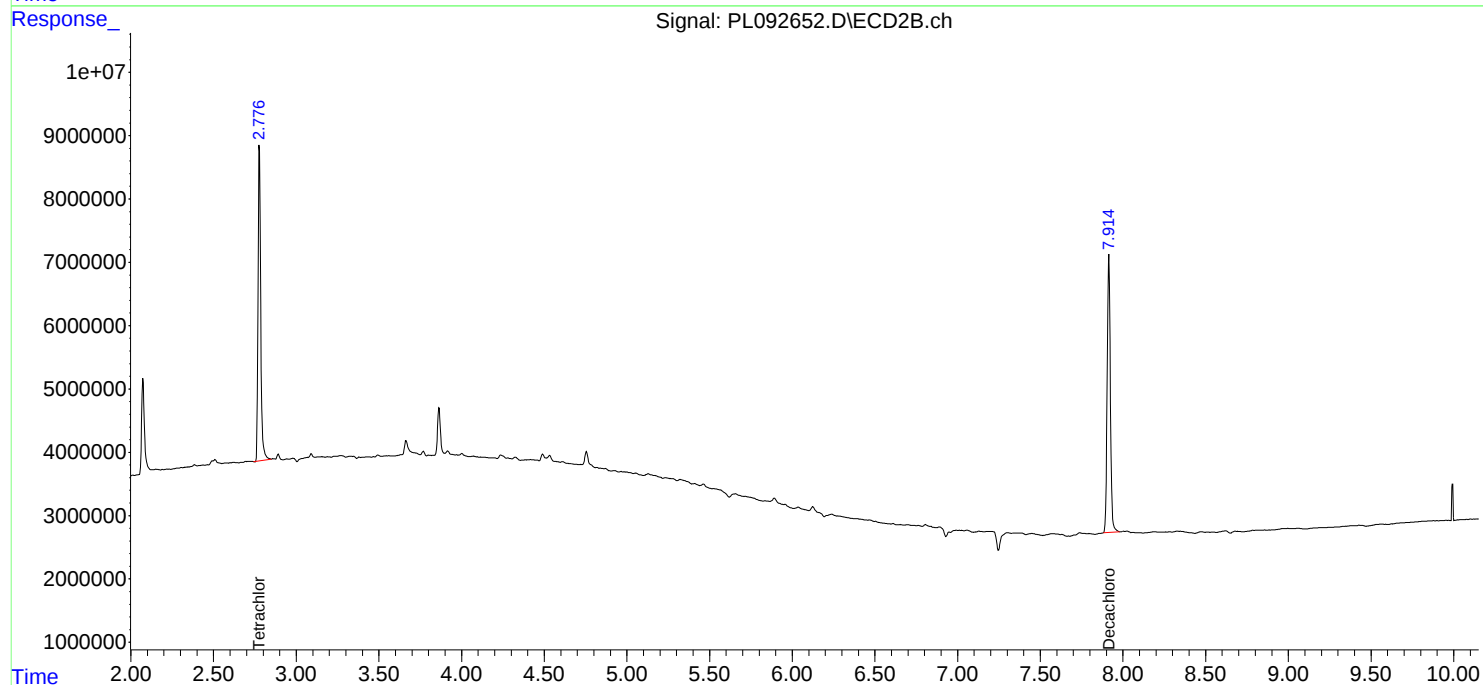
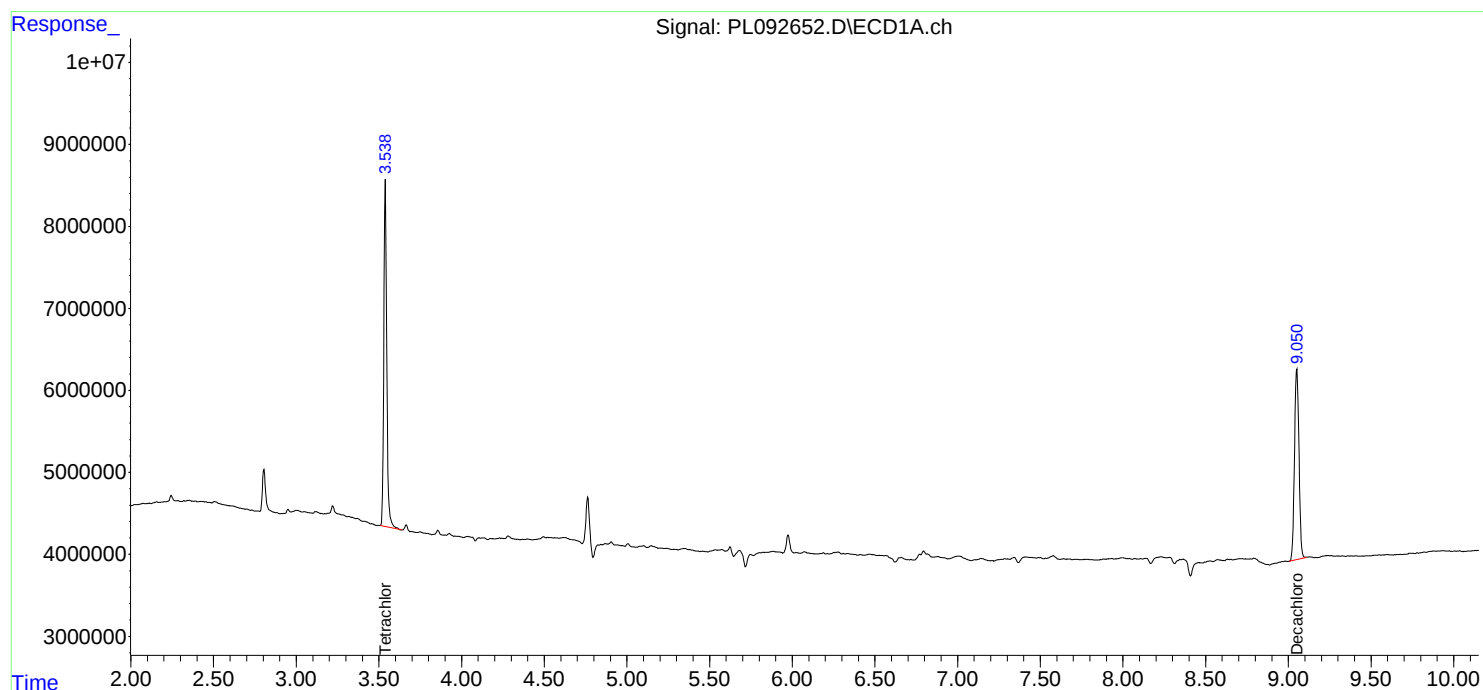
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

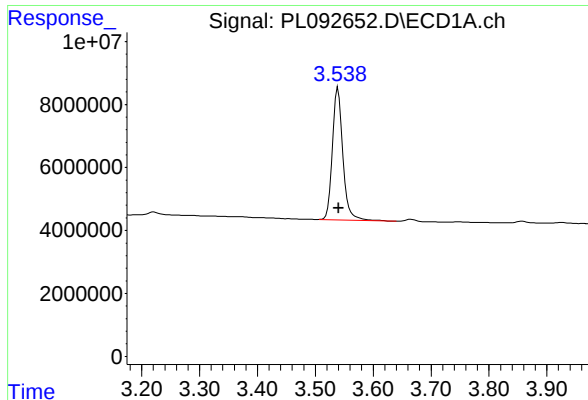
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102824\
Data File : PL092652.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2024 13:55
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 17:20:49 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 17:19:58 2024
Response via : Initial Calibration
Integrator: ChemStation

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

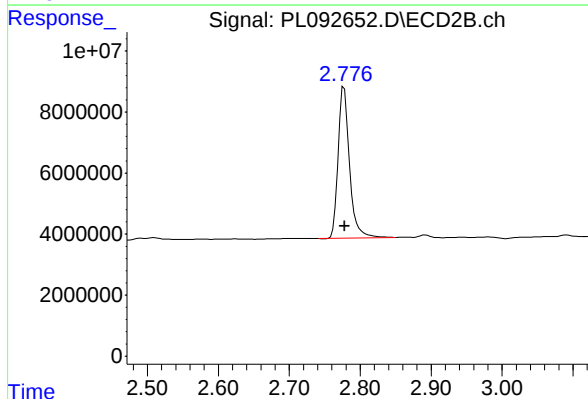




#1 Tetrachloro-m-xylene

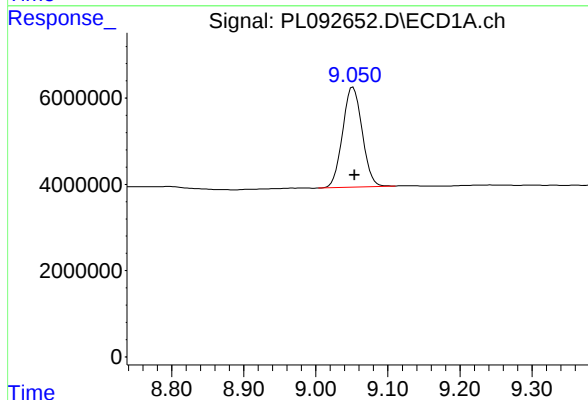
R.T.: 3.539 min
Delta R.T.: 0.000 min
Response: 52846066
Conc: 21.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK



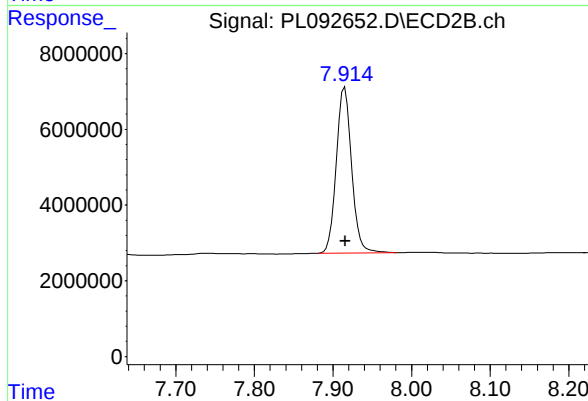
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: 0.000 min
Response: 55504223
Conc: 20.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.052 min
Delta R.T.: -0.002 min
Response: 43705517
Conc: 22.71 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.915 min
Delta R.T.: 0.000 min
Response: 59287776
Conc: 21.72 ng/ml

Report of Analysis

Client:	Tetra Tech	Date Collected:	11/18/24
Project:	Ocean County Landfill 2024	Date Received:	11/18/24
Client Sample ID:	PIBLK-PL093098.D	SDG No.:	P4860
Lab Sample ID:	I.BLK-PL093098.D	Matrix:	WATER
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093098.D	1		11/18/24	pl111824

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0061	U	0.0061	0.050	ug/L
319-85-7	beta-BHC	0.014	U	0.014	0.050	ug/L
319-86-8	delta-BHC	0.015	U	0.015	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.0049	U	0.0049	0.050	ug/L
76-44-8	Heptachlor	0.0054	U	0.0054	0.050	ug/L
309-00-2	Aldrin	0.0044	U	0.0044	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0090	U	0.0090	0.050	ug/L
959-98-8	Endosulfan I	0.0050	U	0.0050	0.050	ug/L
60-57-1	Dieldrin	0.0047	U	0.0047	0.050	ug/L
72-55-9	4,4-DDE	0.0045	U	0.0045	0.050	ug/L
72-20-8	Endrin	0.0043	U	0.0043	0.050	ug/L
33213-65-9	Endosulfan II	0.0075	U	0.0075	0.050	ug/L
72-54-8	4,4-DDD	0.0092	U	0.0092	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0035	U	0.0035	0.050	ug/L
50-29-3	4,4-DDT	0.0044	U	0.0044	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0097	U	0.0097	0.050	ug/L
7421-93-4	Endrin aldehyde	0.0099	U	0.0099	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0060	U	0.0060	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0060	U	0.0060	0.050	ug/L
8001-35-2	Toxaphene	0.15	U	0.15	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.9		30 (43) - 150 (140)	105%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.0		30 (77) - 150 (126)	110%	SPK: 20

Report of Analysis

Client:	Tetra Tech		Date Collected:	11/18/24	
Project:	Ocean County Landfill 2024		Date Received:	11/18/24	
Client Sample ID:	PIBLK-PL093098.D		SDG No.:	P4860	
Lab Sample ID:	I.BLK-PL093098.D		Matrix:	WATER	
Analytical Method:	SW8081		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093098.D	1		11/18/24	p1111824

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111824\
Data File : PL093098.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2024 09:32
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 01:23:09 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.541	2.778	53237919	59895969	21.728	22.011
28) SA Decachlor...	9.058	7.915	39959924	57114313	20.763	20.927

Target Compounds

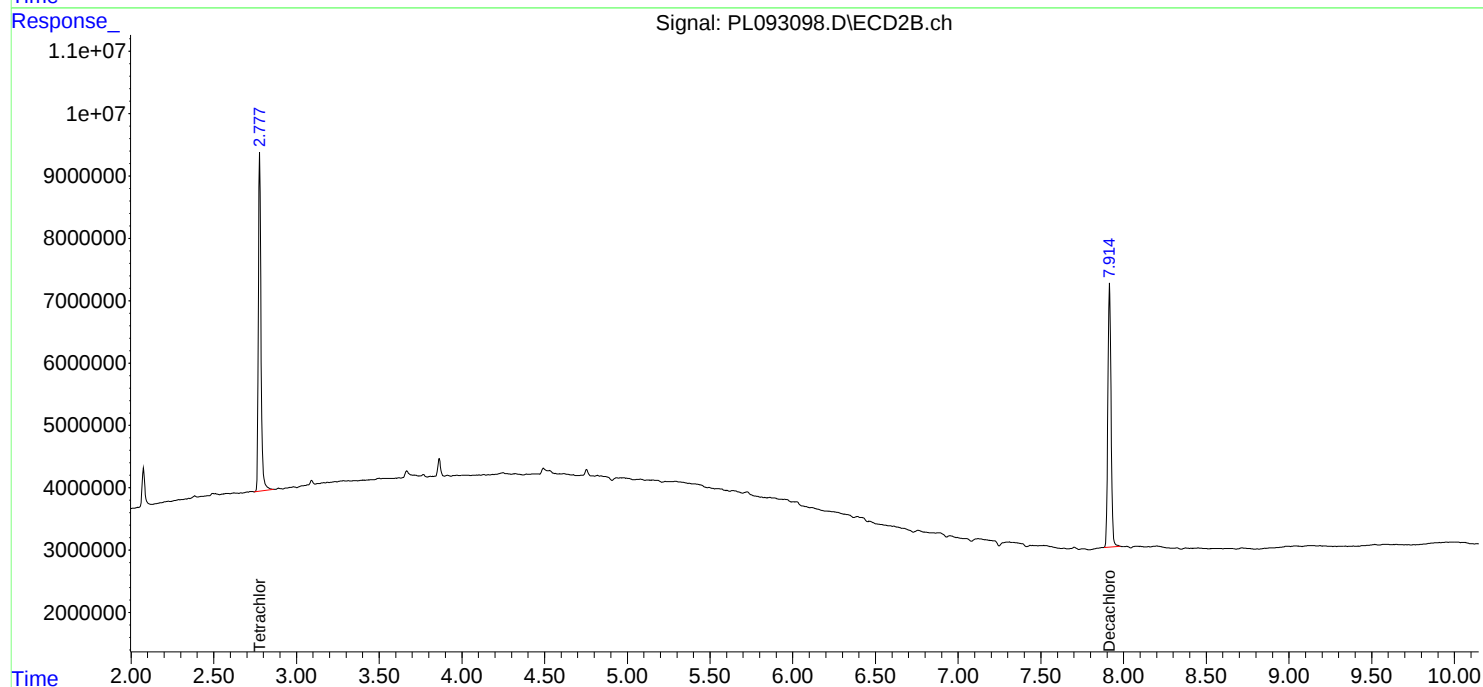
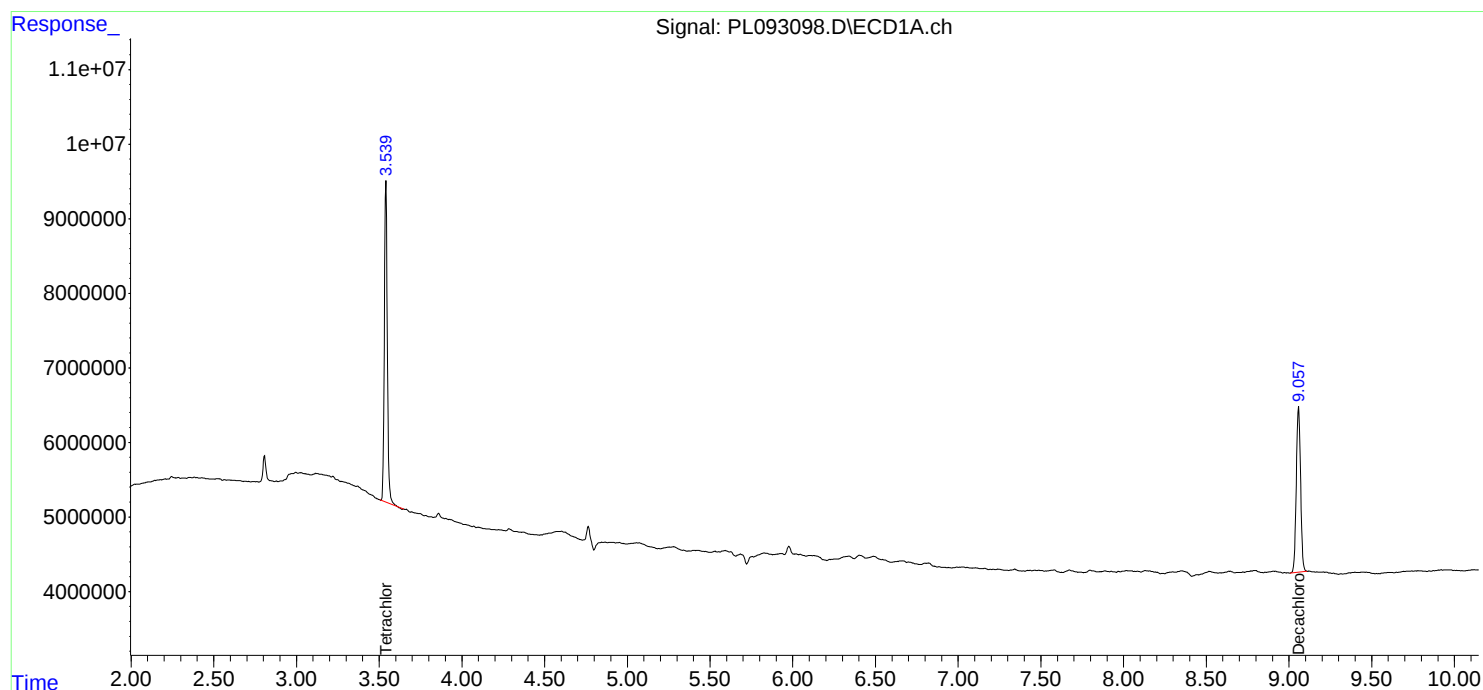
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

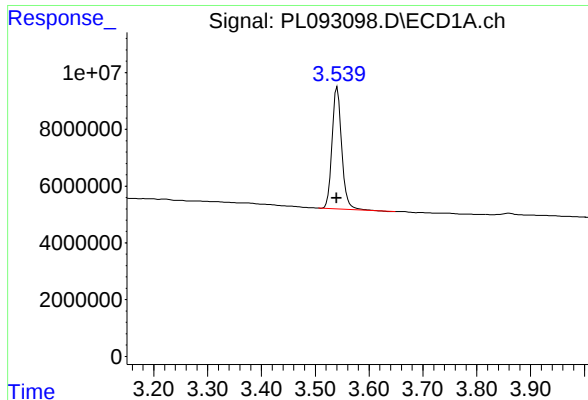
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111824\
Data File : PL093098.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2024 09:32
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 01:23:09 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

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

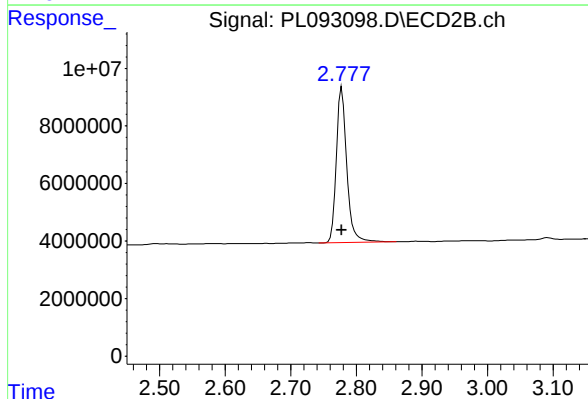




#1 Tetrachloro-m-xylene

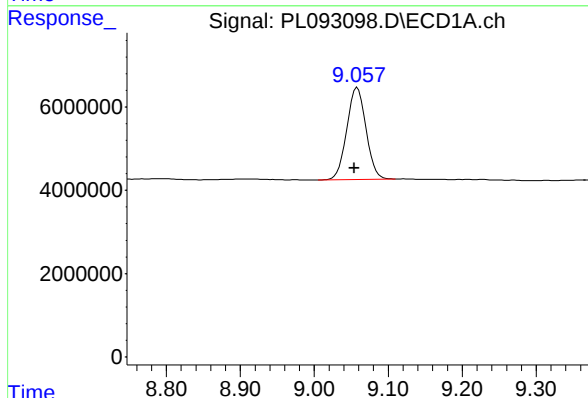
R.T.: 3.541 min
Delta R.T.: 0.000 min
Response: 53237919
Conc: 21.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK



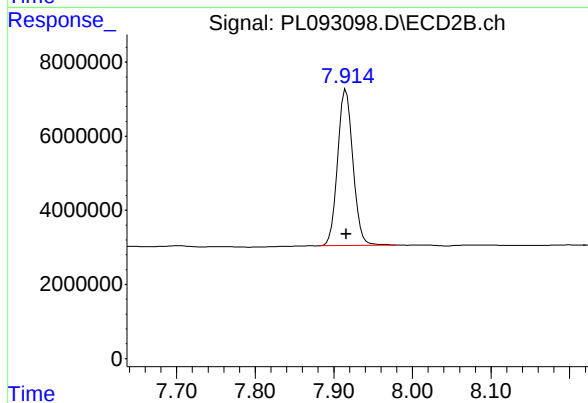
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 59895969
Conc: 22.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: 0.004 min
Response: 39959924
Conc: 20.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.915 min
Delta R.T.: 0.000 min
Response: 57114313
Conc: 20.93 ng/ml

Report of Analysis

Client:	Tetra Tech		Date Collected:	11/18/24	
Project:	Ocean County Landfill 2024		Date Received:	11/18/24	
Client Sample ID:	PIBLK-PL093110.D		SDG No.:	P4860	
Lab Sample ID:	I.BLK-PL093110.D		Matrix:	WATER	
Analytical Method:	SW8081		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093110.D	1		11/18/24	pl111824

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0061	U	0.0061	0.050	ug/L
319-85-7	beta-BHC	0.014	U	0.014	0.050	ug/L
319-86-8	delta-BHC	0.015	U	0.015	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.0049	U	0.0049	0.050	ug/L
76-44-8	Heptachlor	0.0054	U	0.0054	0.050	ug/L
309-00-2	Aldrin	0.0044	U	0.0044	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0090	U	0.0090	0.050	ug/L
959-98-8	Endosulfan I	0.0050	U	0.0050	0.050	ug/L
60-57-1	Dieldrin	0.0047	U	0.0047	0.050	ug/L
72-55-9	4,4-DDE	0.0045	U	0.0045	0.050	ug/L
72-20-8	Endrin	0.0043	U	0.0043	0.050	ug/L
33213-65-9	Endosulfan II	0.0075	U	0.0075	0.050	ug/L
72-54-8	4,4-DDD	0.0092	U	0.0092	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0035	U	0.0035	0.050	ug/L
50-29-3	4,4-DDT	0.0044	U	0.0044	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0097	U	0.0097	0.050	ug/L
7421-93-4	Endrin aldehyde	0.0099	U	0.0099	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0060	U	0.0060	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0060	U	0.0060	0.050	ug/L
8001-35-2	Toxaphene	0.15	U	0.15	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.6		30 (43) - 150 (140)	103%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.7		30 (77) - 150 (126)	104%	SPK: 20

Report of Analysis

Client:	Tetra Tech		Date Collected:	11/18/24	
Project:	Ocean County Landfill 2024		Date Received:	11/18/24	
Client Sample ID:	PIBLK-PL093110.D		SDG No.:	P4860	
Lab Sample ID:	I.BLK-PL093110.D		Matrix:	WATER	
Analytical Method:	SW8081		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093110.D	1		11/18/24	p1111824

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111824\
 Data File : PL093110.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Nov 2024 13:05
 Operator : AR\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 19 01:26:31 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 18:58:23 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.539	2.778	50438929	56423935	20.585	20.735
28) SA Decachlor...	9.056	7.915	39295668	56259418	20.418	20.614

Target Compounds

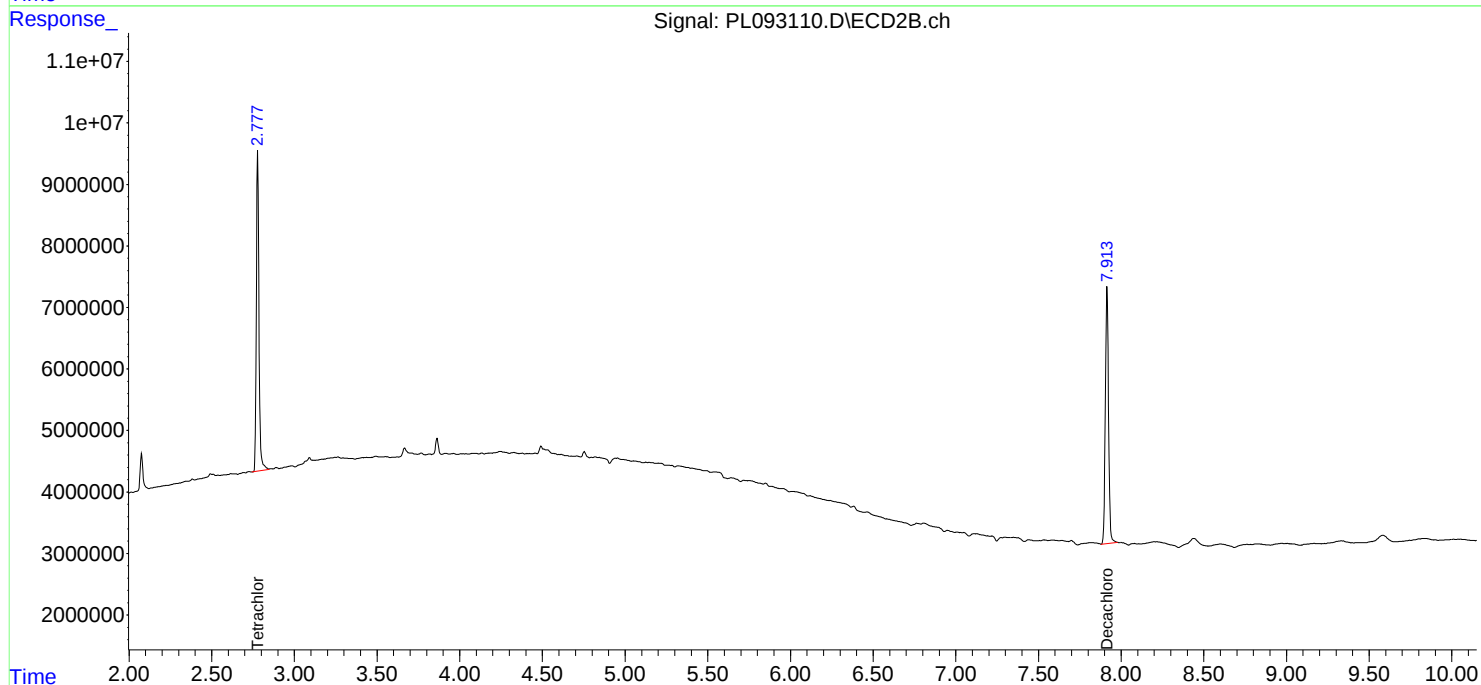
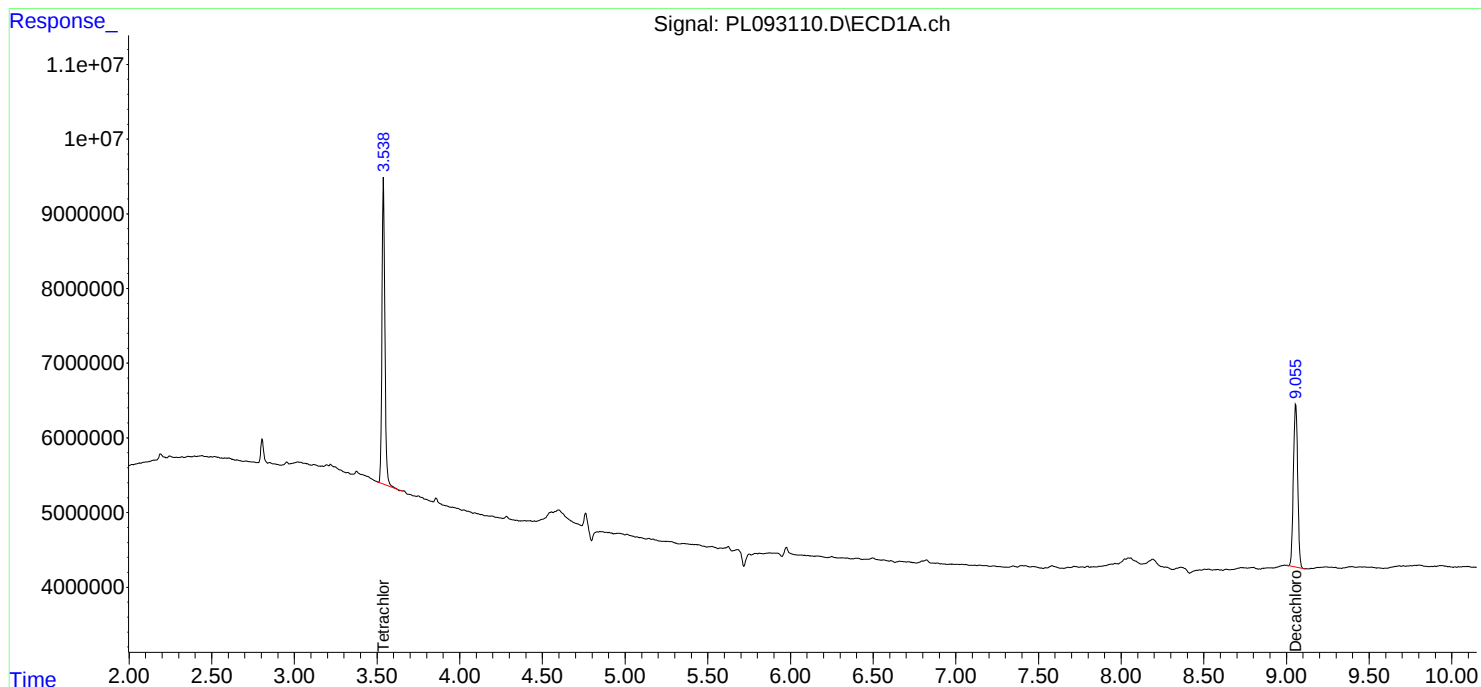
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

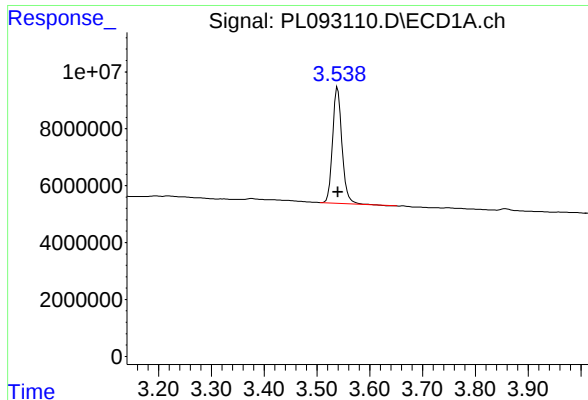
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111824\
Data File : PL093110.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2024 13:05
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 01:26:31 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

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

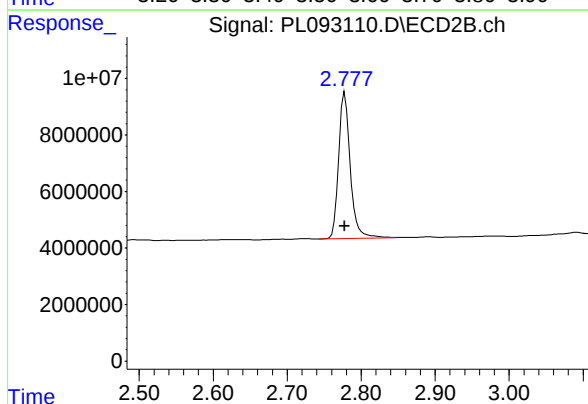




#1 Tetrachloro-m-xylene

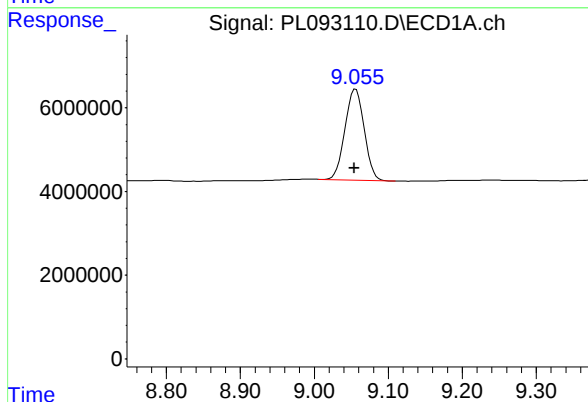
R.T.: 3.539 min
Delta R.T.: 0.000 min
Response: 50438929
Conc: 20.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK



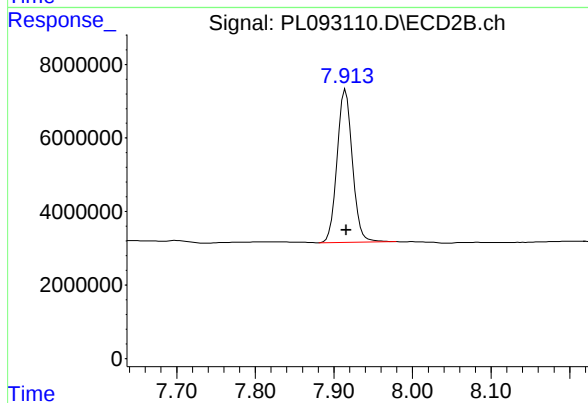
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 56423935
Conc: 20.74 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: 0.002 min
Response: 39295668
Conc: 20.42 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.915 min
Delta R.T.: 0.000 min
Response: 56259418
Conc: 20.61 ng/ml

Report of Analysis

Client:	Tetra Tech		Date Collected:	11/18/24	
Project:	Ocean County Landfill 2024		Date Received:	11/18/24	
Client Sample ID:	PIBLK-PL093133.D		SDG No.:	P4860	
Lab Sample ID:	I.BLK-PL093133.D		Matrix:	WATER	
Analytical Method:	SW8081		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093133.D	1		11/18/24	pl111824

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0061	U	0.0061	0.050	ug/L
319-85-7	beta-BHC	0.014	U	0.014	0.050	ug/L
319-86-8	delta-BHC	0.015	U	0.015	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.0049	U	0.0049	0.050	ug/L
76-44-8	Heptachlor	0.0054	U	0.0054	0.050	ug/L
309-00-2	Aldrin	0.0044	U	0.0044	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0090	U	0.0090	0.050	ug/L
959-98-8	Endosulfan I	0.0050	U	0.0050	0.050	ug/L
60-57-1	Dieldrin	0.0047	U	0.0047	0.050	ug/L
72-55-9	4,4-DDE	0.0045	U	0.0045	0.050	ug/L
72-20-8	Endrin	0.0043	U	0.0043	0.050	ug/L
33213-65-9	Endosulfan II	0.0075	U	0.0075	0.050	ug/L
72-54-8	4,4-DDD	0.0092	U	0.0092	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0035	U	0.0035	0.050	ug/L
50-29-3	4,4-DDT	0.0044	U	0.0044	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0097	U	0.0097	0.050	ug/L
7421-93-4	Endrin aldehyde	0.0099	U	0.0099	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0060	U	0.0060	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0060	U	0.0060	0.050	ug/L
8001-35-2	Toxaphene	0.15	U	0.15	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.3		30 (43) - 150 (140)	102%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.5		30 (77) - 150 (126)	102%	SPK: 20

Report of Analysis

Client:	Tetra Tech		Date Collected:	11/18/24	
Project:	Ocean County Landfill 2024		Date Received:	11/18/24	
Client Sample ID:	PIBLK-PL093133.D		SDG No.:	P4860	
Lab Sample ID:	I.BLK-PL093133.D		Matrix:	WATER	
Analytical Method:	SW8081		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093133.D	1		11/18/24	p1111824

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111824\
 Data File : PL093133.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Nov 2024 18:08
 Operator : AR\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 19 01:34:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 18:58:23 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.539	2.778	49256917	55663403	20.103	20.456
28) SA Decachlor...	9.056	7.915	37417280	55506293	19.442	20.338

Target Compounds

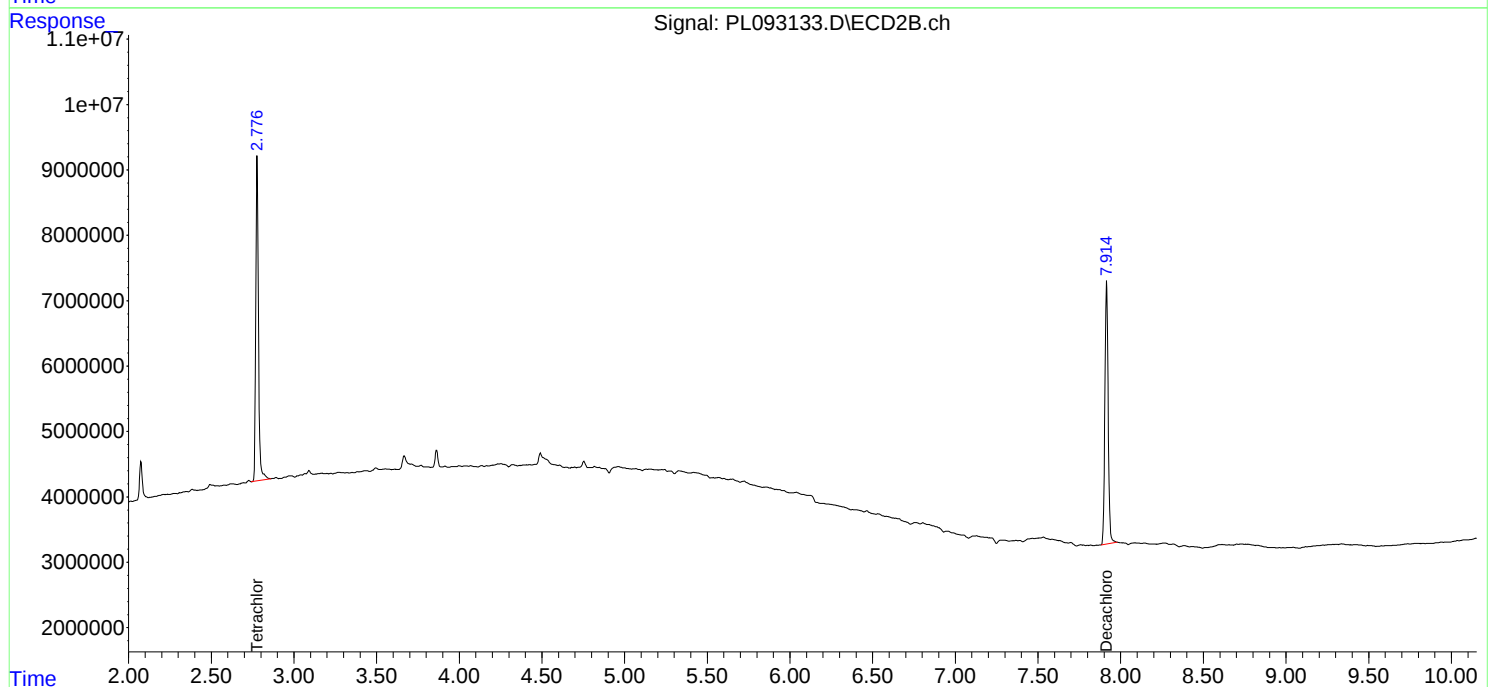
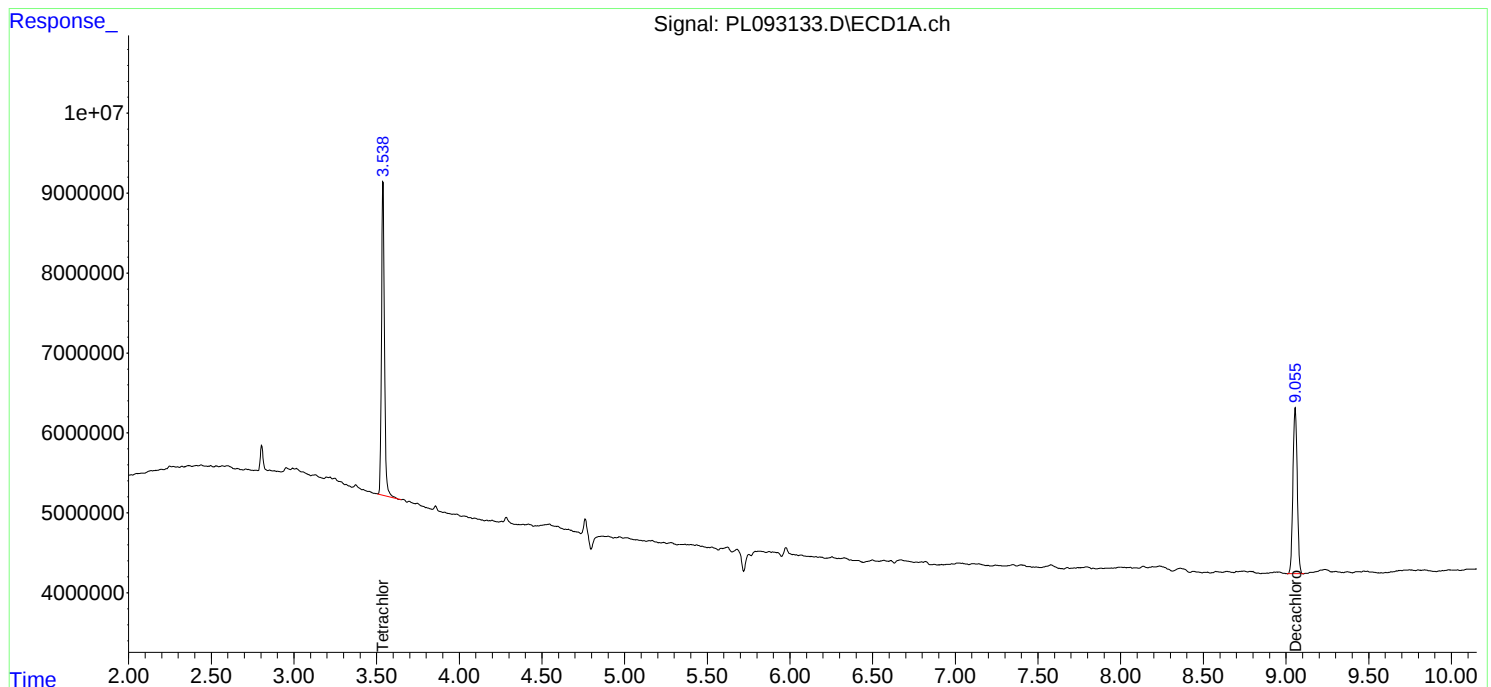
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

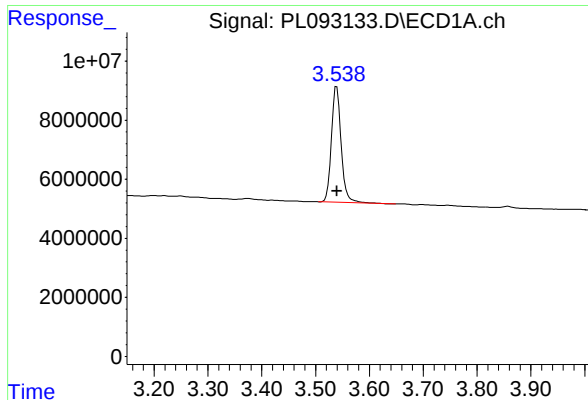
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111824\
Data File : PL093133.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2024 18:08
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 01:34:05 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

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

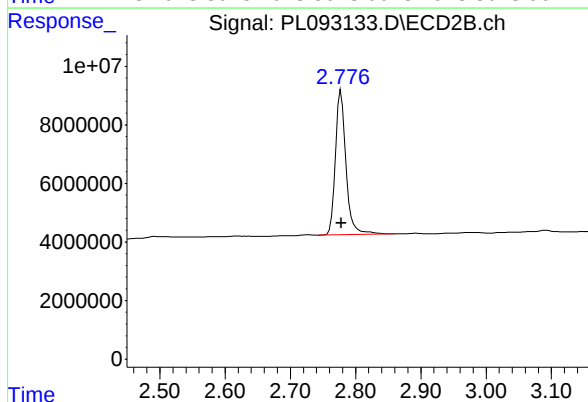




#1 Tetrachloro-m-xylene

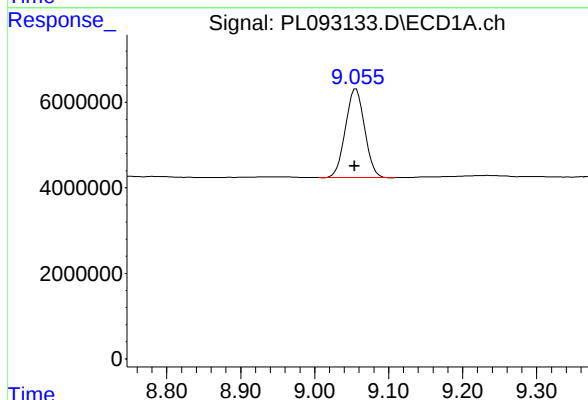
R.T.: 3.539 min
Delta R.T.: 0.000 min
Response: 49256917
Conc: 20.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK



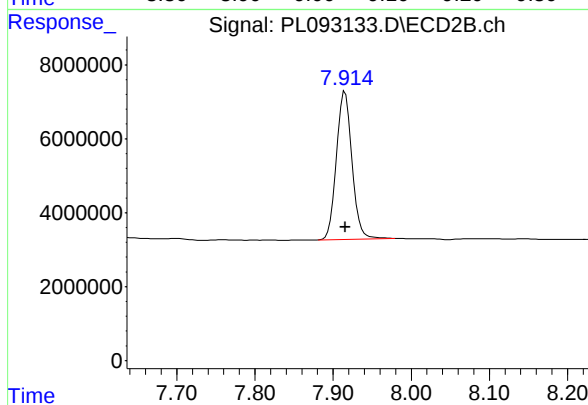
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 55663403
Conc: 20.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: 0.002 min
Response: 37417280
Conc: 19.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.915 min
Delta R.T.: 0.000 min
Response: 55506293
Conc: 20.34 ng/ml

Report of Analysis

Client:	Tetra Tech		Date Collected:	11/19/24	
Project:	Ocean County Landfill 2024		Date Received:	11/19/24	
Client Sample ID:	PIBLK-PL093136.D		SDG No.:	P4860	
Lab Sample ID:	I.BLK-PL093136.D		Matrix:	WATER	
Analytical Method:	SW8081		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093136.D	1		11/19/24	PL111924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0061	U	0.0061	0.050	ug/L
319-85-7	beta-BHC	0.014	U	0.014	0.050	ug/L
319-86-8	delta-BHC	0.015	U	0.015	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.0049	U	0.0049	0.050	ug/L
76-44-8	Heptachlor	0.0054	U	0.0054	0.050	ug/L
309-00-2	Aldrin	0.0044	U	0.0044	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0090	U	0.0090	0.050	ug/L
959-98-8	Endosulfan I	0.0050	U	0.0050	0.050	ug/L
60-57-1	Dieldrin	0.0047	U	0.0047	0.050	ug/L
72-55-9	4,4-DDE	0.0045	U	0.0045	0.050	ug/L
72-20-8	Endrin	0.0043	U	0.0043	0.050	ug/L
33213-65-9	Endosulfan II	0.0075	U	0.0075	0.050	ug/L
72-54-8	4,4-DDD	0.0092	U	0.0092	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0035	U	0.0035	0.050	ug/L
50-29-3	4,4-DDT	0.0044	U	0.0044	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0097	U	0.0097	0.050	ug/L
7421-93-4	Endrin aldehyde	0.0099	U	0.0099	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0060	U	0.0060	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0060	U	0.0060	0.050	ug/L
8001-35-2	Toxaphene	0.15	U	0.15	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.6		30 (43) - 150 (140)	88%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.6		30 (77) - 150 (126)	93%	SPK: 20

Report of Analysis

Client:	Tetra Tech		Date Collected:	11/19/24	
Project:	Ocean County Landfill 2024		Date Received:	11/19/24	
Client Sample ID:	PIBLK-PL093136.D		SDG No.:	P4860	
Lab Sample ID:	I.BLK-PL093136.D		Matrix:	WATER	
Analytical Method:	SW8081		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093136.D	1		11/19/24	PL111924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
 Data File : PL093136.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Nov 2024 12:44
 Operator : AR\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 19 22:56:57 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 18:58:23 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.536	2.773	45514190	48791542	18.575	17.930
28) SA Decachlor...	9.054	7.913	30042068	48092446	15.610	17.621

Target Compounds

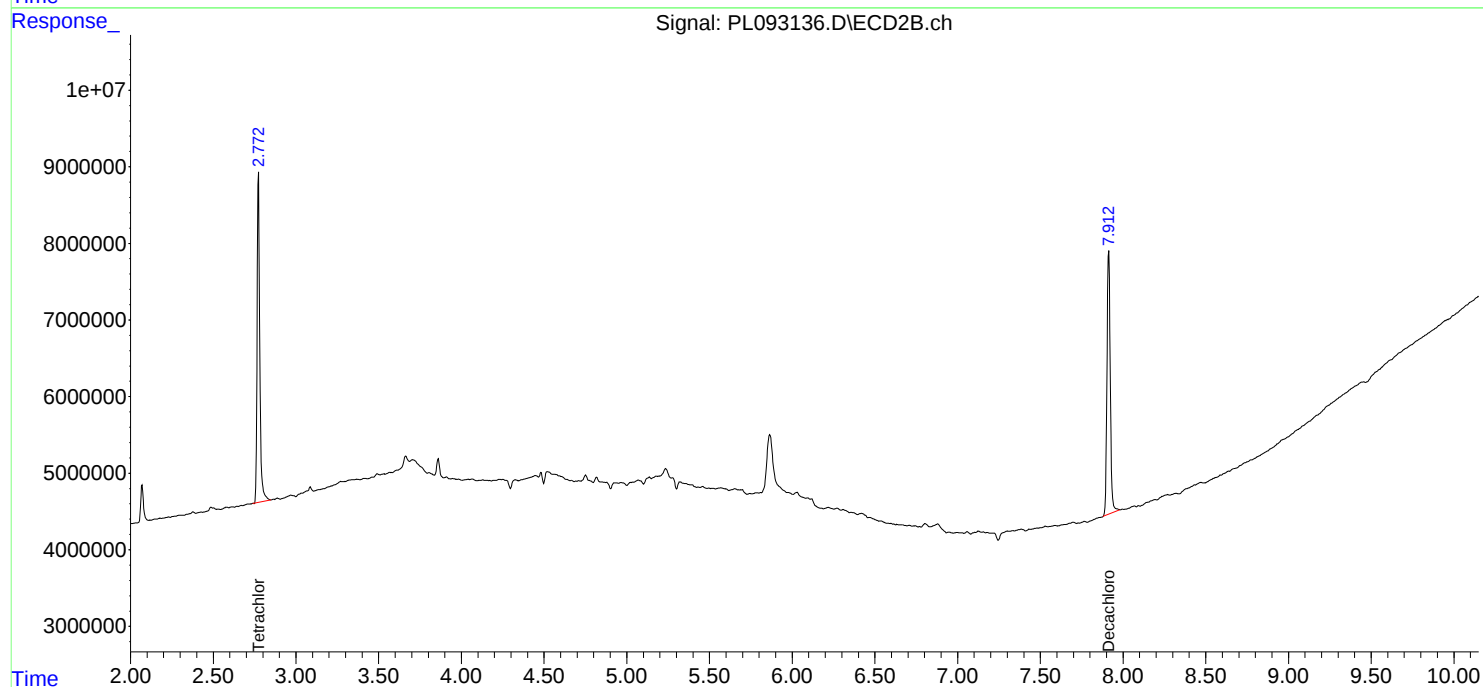
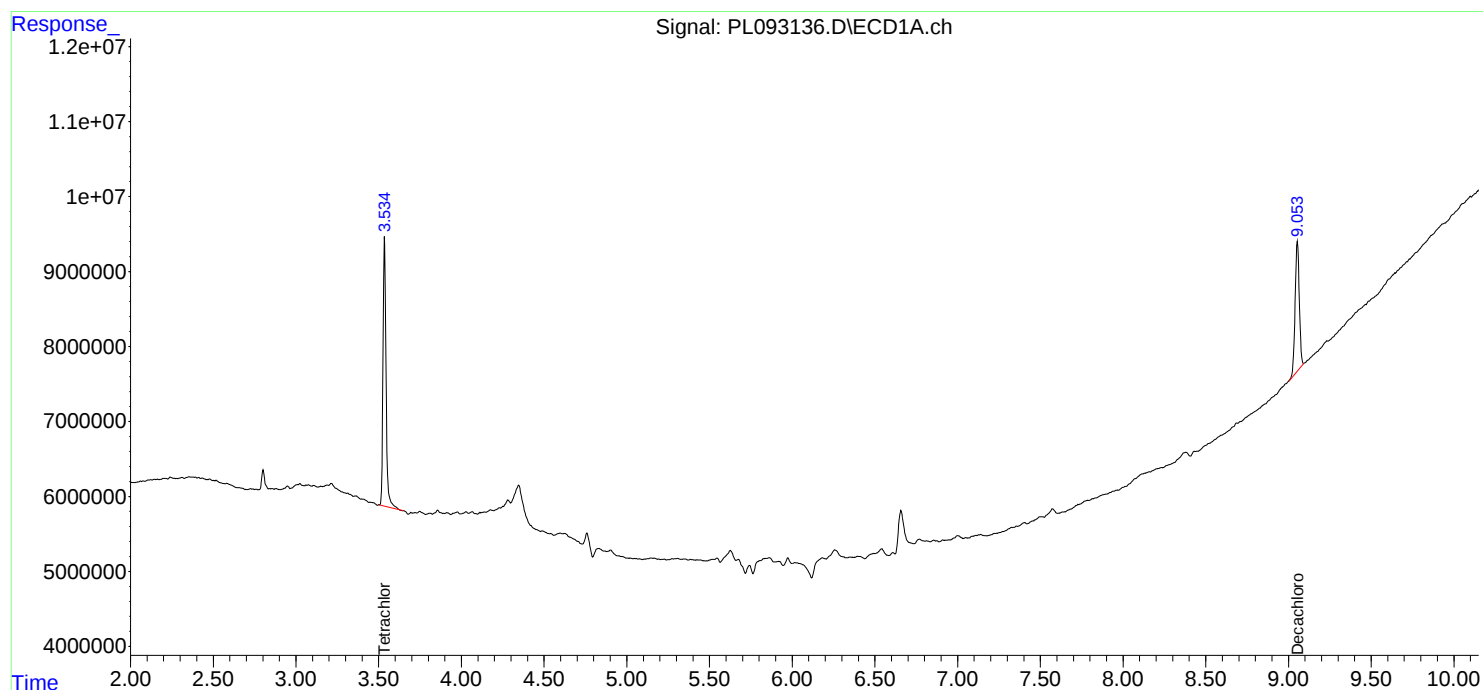
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

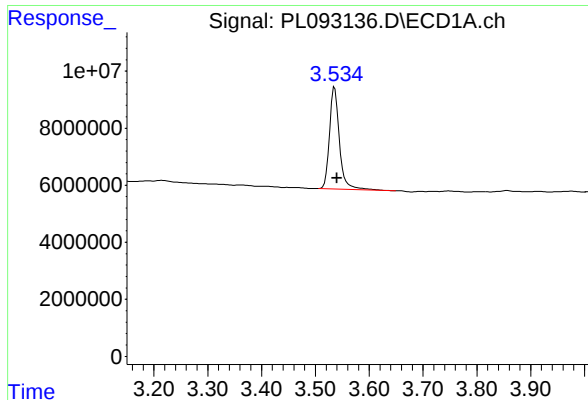
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
Data File : PL093136.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2024 12:44
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 22:56:57 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

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

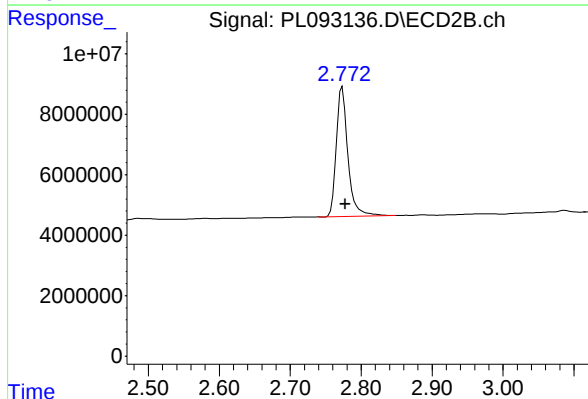




#1 Tetrachloro-m-xylene

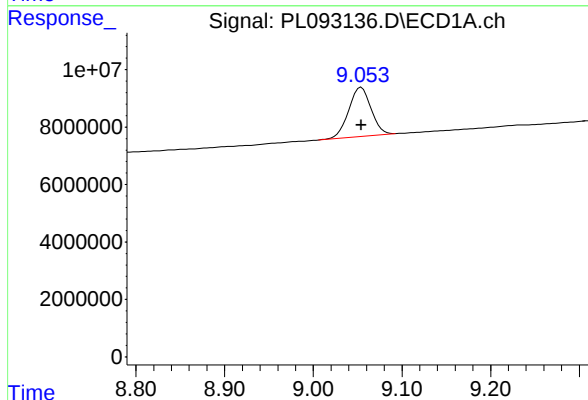
R.T.: 3.536 min
Delta R.T.: -0.004 min
Response: 45514190
Conc: 18.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK



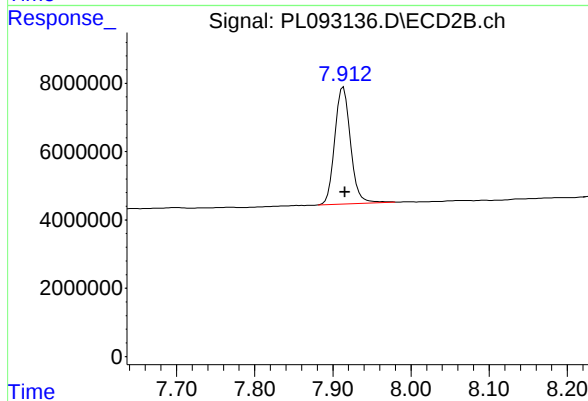
#1 Tetrachloro-m-xylene

R.T.: 2.773 min
Delta R.T.: -0.004 min
Response: 48791542
Conc: 17.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: 0.000 min
Response: 30042068
Conc: 15.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.913 min
Delta R.T.: -0.002 min
Response: 48092446
Conc: 17.62 ng/ml

Report of Analysis

Client:	Tetra Tech		Date Collected:	11/19/24	
Project:	Ocean County Landfill 2024		Date Received:	11/19/24	
Client Sample ID:	PIBLK-PL093152.D		SDG No.:	P4860	
Lab Sample ID:	I.BLK-PL093152.D		Matrix:	WATER	
Analytical Method:	SW8081		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093152.D	1		11/19/24	PL111924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0061	U	0.0061	0.050	ug/L
319-85-7	beta-BHC	0.014	U	0.014	0.050	ug/L
319-86-8	delta-BHC	0.015	U	0.015	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.0049	U	0.0049	0.050	ug/L
76-44-8	Heptachlor	0.0054	U	0.0054	0.050	ug/L
309-00-2	Aldrin	0.0044	U	0.0044	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0090	U	0.0090	0.050	ug/L
959-98-8	Endosulfan I	0.0050	U	0.0050	0.050	ug/L
60-57-1	Dieldrin	0.0047	U	0.0047	0.050	ug/L
72-55-9	4,4-DDE	0.0045	U	0.0045	0.050	ug/L
72-20-8	Endrin	0.0043	U	0.0043	0.050	ug/L
33213-65-9	Endosulfan II	0.0075	U	0.0075	0.050	ug/L
72-54-8	4,4-DDD	0.0092	U	0.0092	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0035	U	0.0035	0.050	ug/L
50-29-3	4,4-DDT	0.0044	U	0.0044	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0097	U	0.0097	0.050	ug/L
7421-93-4	Endrin aldehyde	0.0099	U	0.0099	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0060	U	0.0060	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0060	U	0.0060	0.050	ug/L
8001-35-2	Toxaphene	0.15	U	0.15	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.0		30 (43) - 150 (140)	100%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.7		30 (77) - 150 (126)	98%	SPK: 20

Report of Analysis

Client:	Tetra Tech		Date Collected:	11/19/24	
Project:	Ocean County Landfill 2024		Date Received:	11/19/24	
Client Sample ID:	PIBLK-PL093152.D		SDG No.:	P4860	
Lab Sample ID:	I.BLK-PL093152.D		Matrix:	WATER	
Analytical Method:	SW8081		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093152.D	1		11/19/24	PL111924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
 Data File : PL093152.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Nov 2024 16:43
 Operator : AR\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 19 23:11:44 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 18:58:23 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.536	2.774	48162863	51788902	19.656	19.032
28) SA Decachlor...	9.054	7.914	33618145	54690105	17.468	20.039

Target Compounds

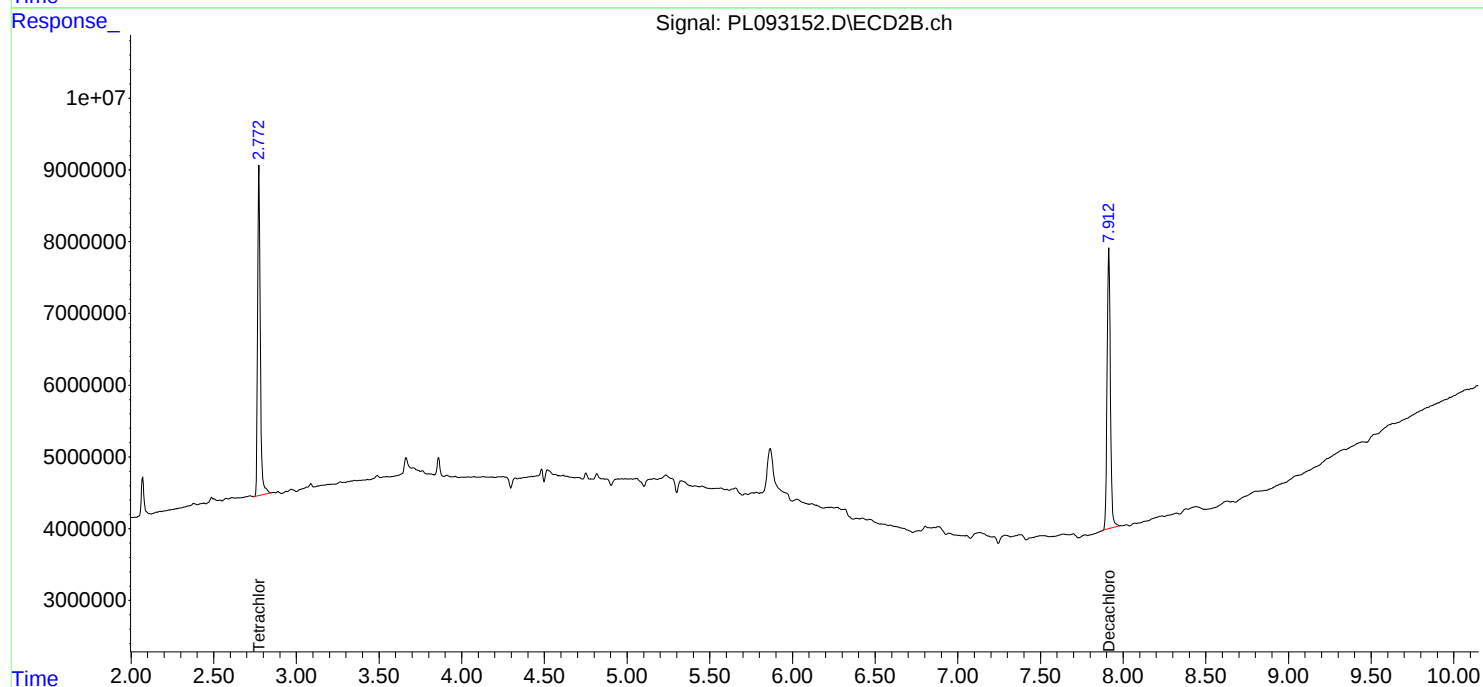
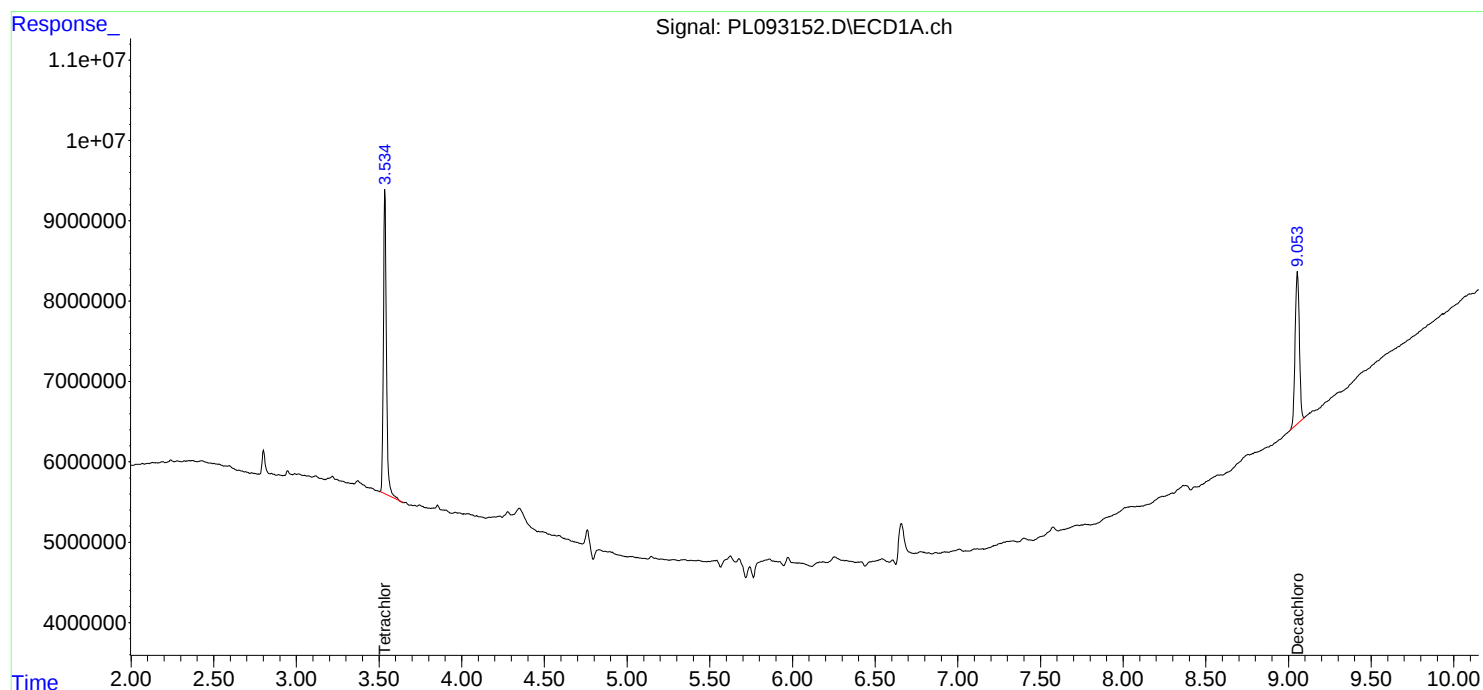
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

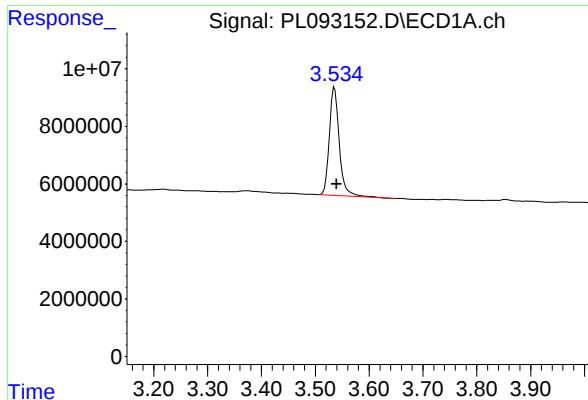
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
Data File : PL093152.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2024 16:43
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 23:11:44 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

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

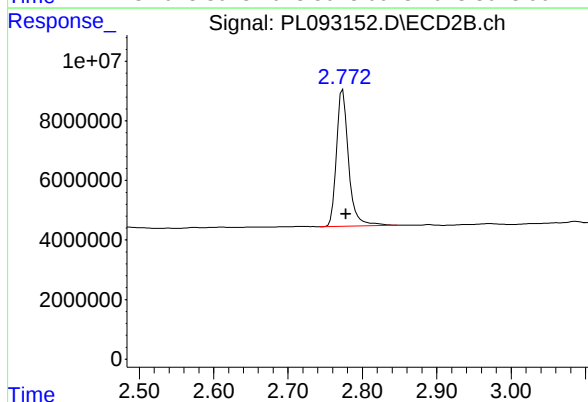




#1 Tetrachloro-m-xylene

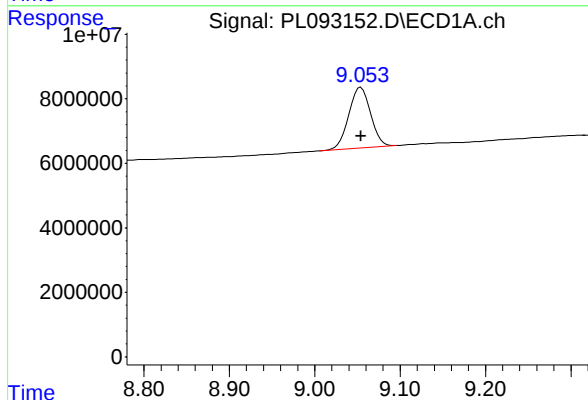
R.T.: 3.536 min
Delta R.T.: -0.004 min
Response: 48162863
Conc: 19.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK



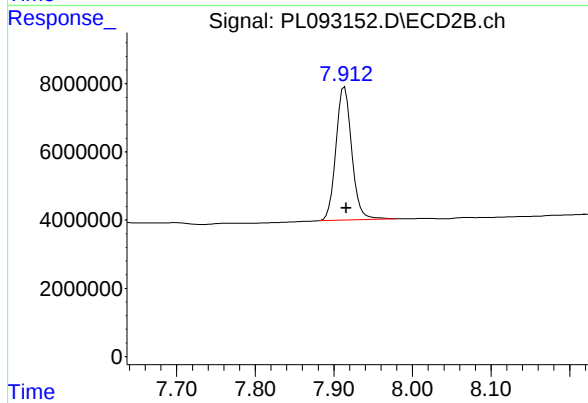
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: -0.004 min
Response: 51788902
Conc: 19.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: 0.000 min
Response: 33618145
Conc: 17.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.914 min
Delta R.T.: -0.002 min
Response: 54690105
Conc: 20.04 ng/ml

Report of Analysis

Client:	Tetra Tech	Date Collected:	
Project:	Ocean County Landfill 2024	Date Received:	
Client Sample ID:	PB165046BS	SDG No.:	P4860
Lab Sample ID:	PB165046BS	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	100 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093139.D	1	11/18/24 08:20	11/19/24 13:52	PB165046

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	17.0		0.18	1.70	ug/kg
319-85-7	beta-BHC	17.1		0.49	1.70	ug/kg
319-86-8	delta-BHC	14.4		0.47	1.70	ug/kg
58-89-9	gamma-BHC (Lindane)	16.7		0.19	1.70	ug/kg
76-44-8	Heptachlor	18.1		0.17	1.70	ug/kg
309-00-2	Aldrin	16.4		0.14	1.70	ug/kg
1024-57-3	Heptachlor epoxide	17.0		0.23	1.70	ug/kg
959-98-8	Endosulfan I	17.7		0.17	1.70	ug/kg
60-57-1	Dieldrin	17.6		0.15	1.70	ug/kg
72-55-9	4,4-DDE	18.1		0.13	1.70	ug/kg
72-20-8	Endrin	18.7		0.16	1.70	ug/kg
33213-65-9	Endosulfan II	17.8		0.30	1.70	ug/kg
72-54-8	4,4-DDD	18.1		0.19	1.70	ug/kg
1031-07-8	Endosulfan Sulfate	16.8		0.13	1.70	ug/kg
50-29-3	4,4-DDT	17.6		0.17	1.70	ug/kg
72-43-5	Methoxychlor	17.4		0.38	1.70	ug/kg
53494-70-5	Endrin ketone	17.1		0.22	1.70	ug/kg
7421-93-4	Endrin aldehyde	16.8		0.39	1.70	ug/kg
5103-71-9	alpha-Chlordane	17.7		0.17	1.70	ug/kg
5103-74-2	gamma-Chlordane	17.8		0.19	1.70	ug/kg
8001-35-2	Toxaphene	5.20	U	5.20	33.0	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	16.4		30 (10) - 150 (148)	82%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.1		30 (10) - 150 (159)	101%	SPK: 20

Report of Analysis

Client:	Tetra Tech		Date Collected:		
Project:	Ocean County Landfill 2024		Date Received:		
Client Sample ID:	PB165046BS		SDG No.:	P4860	
Lab Sample ID:	PB165046BS		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	100	Decanted:
Sample Wt/Vol:	30.03	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093139.D	1	11/18/24 08:20	11/19/24 13:52	PB165046

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	------------	-------

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
 Data File : PL093139.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Nov 2024 13:52
 Operator : AR\AJ
 Sample : PB165046BS
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB165046BS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/20/2024
 Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 19 22:59:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 18:58:23 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.536	2.774	49360549	49529498	20.145	18.202
28) SA Decachlor...	9.054	7.913	27470790	44711539	14.274	16.382
Target Compounds						
2) A alpha-BHC	3.993	3.277	169.9E6	203.5E6	50.084	51.009
3) MA gamma-BHC...	4.324	3.607	158.3E6	193.6E6	48.551m	50.175
4) MA Heptachlor	4.914	3.946	148.5E6	205.6E6	49.447	54.472
5) MB Aldrin	5.256	4.226	139.5E6	180.8E6	46.486	49.392
6) B beta-BHC	4.523	3.907	70453308	84759341	48.741	51.486
7) B delta-BHC	4.770	4.136	135.6E6	160.5E6	43.311	41.762
8) B Heptachlo...	5.682	4.729	128.3E6	170.8E6	46.460	51.105
9) A Endosulfan I	6.069	5.098	119.4E6	162.3E6	47.740	53.153
10) B gamma-Chl...	5.938	4.979	127.2E6	180.1E6	47.818	53.565
11) B alpha-Chl...	6.017	5.042	127.7E6	177.0E6	48.205	53.205
12) B 4,4'-DDE	6.191	5.232	115.1E6	174.7E6	48.579	54.239
13) MA Dieldrin	6.343	5.363	126.2E6	177.0E6	47.900	52.991
14) MA Endrin	6.573	5.638	106.6E6	162.6E6	46.816	56.214
15) B Endosulfa...	6.793	5.933	109.0E6	151.6E6	45.741	53.520
16) A 4,4'-DDD	6.707	5.786	89985487	135.0E6	46.879m	54.226
17) MA 4,4'-DDT	7.022	6.037	102.2E6	141.8E6	49.373	52.867
18) B Endrin al...	6.922	6.112	84775799	116.3E6	45.142	50.403
19) B Endosulfa...	7.157	6.335	96158498	135.7E6	44.306	50.325
20) A Methoxychlor	7.499	6.612	52577850	74791686	46.121	52.374
21) B Endrin ke...	7.642	6.839	112.5E6	157.8E6	46.450	51.409m
22) Mirex	8.116	7.020	79171493	114.2E6	39.951	43.768m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
Data File : PL093139.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2024 13:52
Operator : AR\AJ
Sample : PB165046BS
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB165046BS

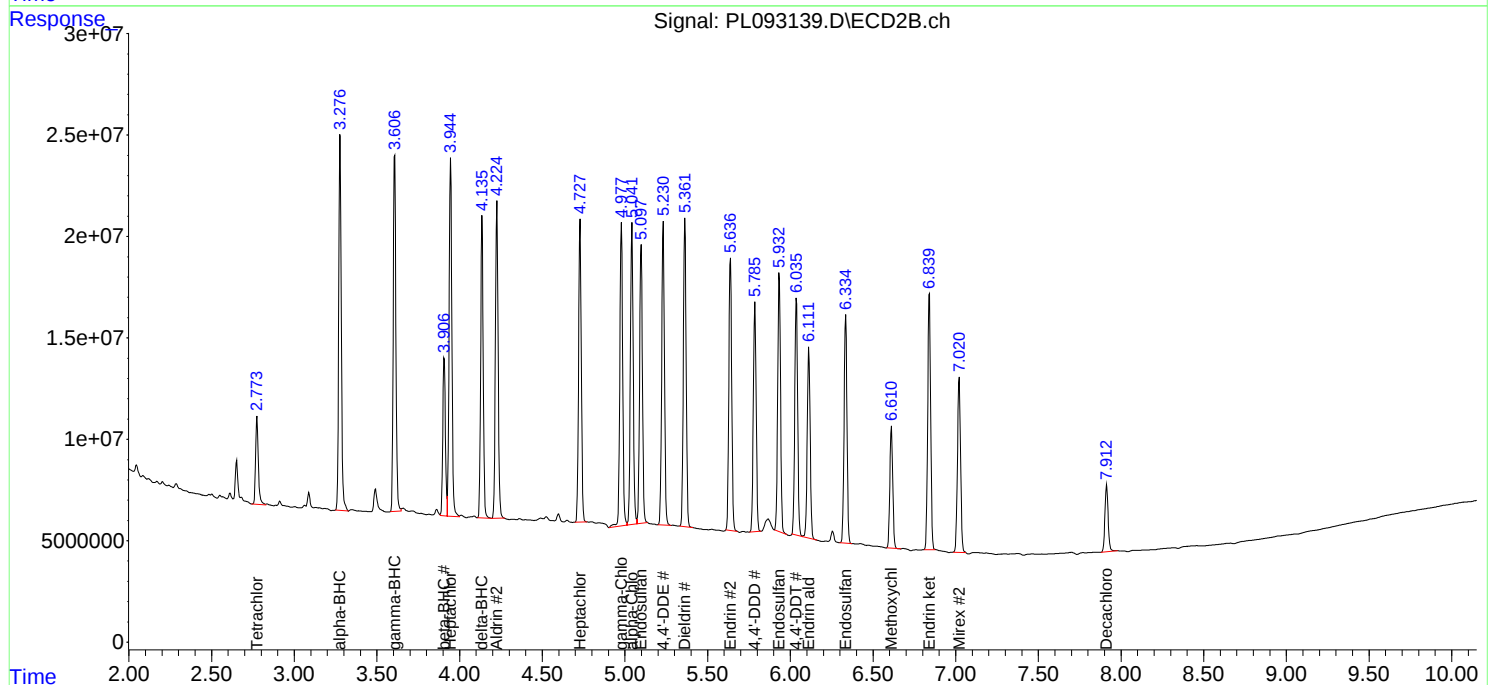
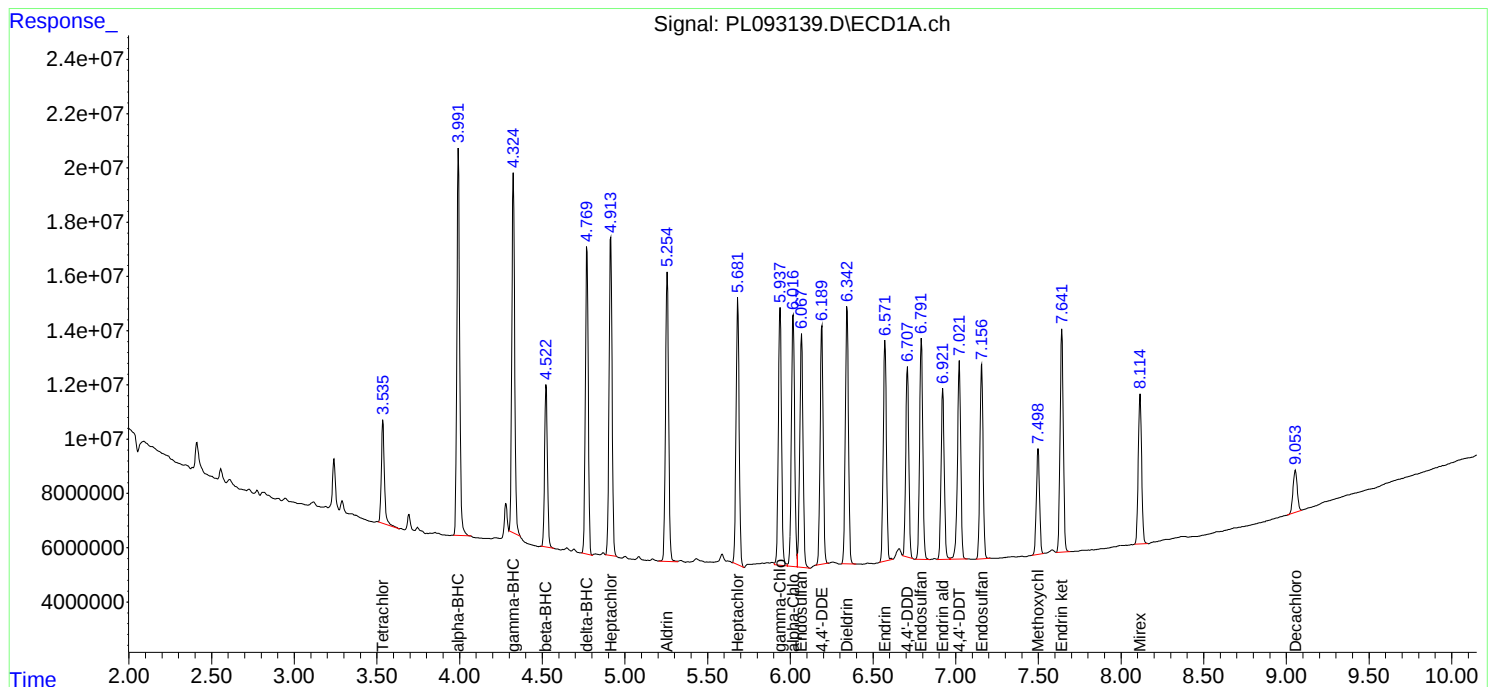
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 22:59:34 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Report of Analysis

Client:	Tetra Tech	Date Collected:	11/14/24
Project:	Ocean County Landfill 2024	Date Received:	11/14/24
Client Sample ID:	PH2-BOT-007MS	SDG No.:	P4860
Lab Sample ID:	P4860-08MS	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	98 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093147.D	1	11/18/24 08:20	11/19/24 15:37	PB165046

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	16.1		0.18	1.70	ug/kg
319-85-7	beta-BHC	16.9		0.50	1.70	ug/kg
319-86-8	delta-BHC	13.5		0.48	1.70	ug/kg
58-89-9	gamma-BHC (Lindane)	15.9		0.19	1.70	ug/kg
76-44-8	Heptachlor	17.0		0.17	1.70	ug/kg
309-00-2	Aldrin	16.5		0.14	1.70	ug/kg
1024-57-3	Heptachlor epoxide	16.5		0.23	1.70	ug/kg
959-98-8	Endosulfan I	16.0		0.17	1.70	ug/kg
60-57-1	Dieldrin	17.1		0.15	1.70	ug/kg
72-55-9	4,4-DDE	17.9		0.13	1.70	ug/kg
72-20-8	Endrin	17.8		0.16	1.70	ug/kg
33213-65-9	Endosulfan II	16.9		0.31	1.70	ug/kg
72-54-8	4,4-DDD	17.7		0.19	1.70	ug/kg
1031-07-8	Endosulfan Sulfate	15.9		0.13	1.70	ug/kg
50-29-3	4,4-DDT	17.4		0.17	1.70	ug/kg
72-43-5	Methoxychlor	16.8		0.39	1.70	ug/kg
53494-70-5	Endrin ketone	16.1		0.22	1.70	ug/kg
7421-93-4	Endrin aldehyde	15.7		0.40	1.70	ug/kg
5103-71-9	alpha-Chlordane	17.4		0.17	1.70	ug/kg
5103-74-2	gamma-Chlordane	17.2		0.19	1.70	ug/kg
8001-35-2	Toxaphene	5.30	U	5.30	33.7	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	15.9		30 (10) - 150 (148)	80%	SPK: 20
877-09-8	Tetrachloro-m-xylene	15.2		30 (10) - 150 (159)	76%	SPK: 20

Report of Analysis

Client:	Tetra Tech		Date Collected:	11/14/24	
Project:	Ocean County Landfill 2024		Date Received:	11/14/24	
Client Sample ID:	PH2-BOT-007MS		SDG No.:	P4860	
Lab Sample ID:	P4860-08MS		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	98	Decanted:
Sample Wt/Vol:	30.02	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093147.D	1	11/18/24 08:20	11/19/24 15:37	PB165046

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
 Data File : PL093147.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Nov 2024 15:37
 Operator : AR\AJ
 Sample : P4860-08MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PH2-BOT-007MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/20/2024

Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 19 23:07:07 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 18:58:23 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.534	2.774	37307607	39587444	15.226m	14.548
28)	SA Decachlor...	9.053	7.913	28072872	43529296	14.587	15.949
Target Compounds							
2)	A alpha-BHC	3.993	3.277	157.4E6	188.9E6	46.402	47.334
3)	MA gamma-BHC...	4.325	3.607	149.4E6	180.3E6	45.835	46.720
4)	MA Heptachlor	4.914	3.946	141.2E6	188.8E6	47.021	50.034
5)	MB Aldrin	5.255	4.225	132.7E6	177.3E6	44.223	48.434
6)	B beta-BHC	4.523	3.907	67499138	82071127	46.697	49.853
7)	B delta-BHC	4.770	4.136	118.7E6	152.5E6	37.938	39.682
8)	B Heptachlo...	5.682	4.728	122.3E6	161.9E6	44.290	48.451
9)	A Endosulfan I	6.068	5.098	111.5E6	143.6E6	44.566	47.030
10)	B gamma-Chl...	5.937	4.977	123.3E6	170.1E6	46.328	50.587m
11)	B alpha-Chl...	6.017	5.042	121.0E6	169.8E6	45.699	51.050
12)	B 4,4'-DDE	6.190	5.231	110.1E6	169.4E6	46.489	52.581
13)	MA Dieldrin	6.343	5.362	116.7E6	168.5E6	44.266	50.454
14)	MA Endrin	6.571	5.637	101.5E6	151.9E6	44.585m	52.512m
15)	B Endosulfa...	6.791	5.933	106.2E6	140.6E6	44.554m	49.639
16)	A 4,4'-DDD	6.707	5.786	88274481	129.5E6	45.988m	52.011
17)	MA 4,4'-DDT	7.022	6.036	104.0E6	137.0E6	50.237	51.077
18)	B Endrin al...	6.921	6.112	77298481	106.7E6	41.161m	46.261
19)	B Endosulfa...	7.157	6.335	91023048	126.1E6	41.940	46.765
20)	A Methoxychlor	7.499	6.612	49633750	70726700	43.538	49.527
21)	B Endrin ke...	7.642	6.841	106.1E6	145.5E6	43.812	47.404
22)	Mirex	8.116	7.021	75067847	109.8E6	37.880	42.077

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
Data File : PL093147.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2024 15:37
Operator : AR\AJ
Sample : P4860-08MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PH2-BOT-007MS

Manual Integrations

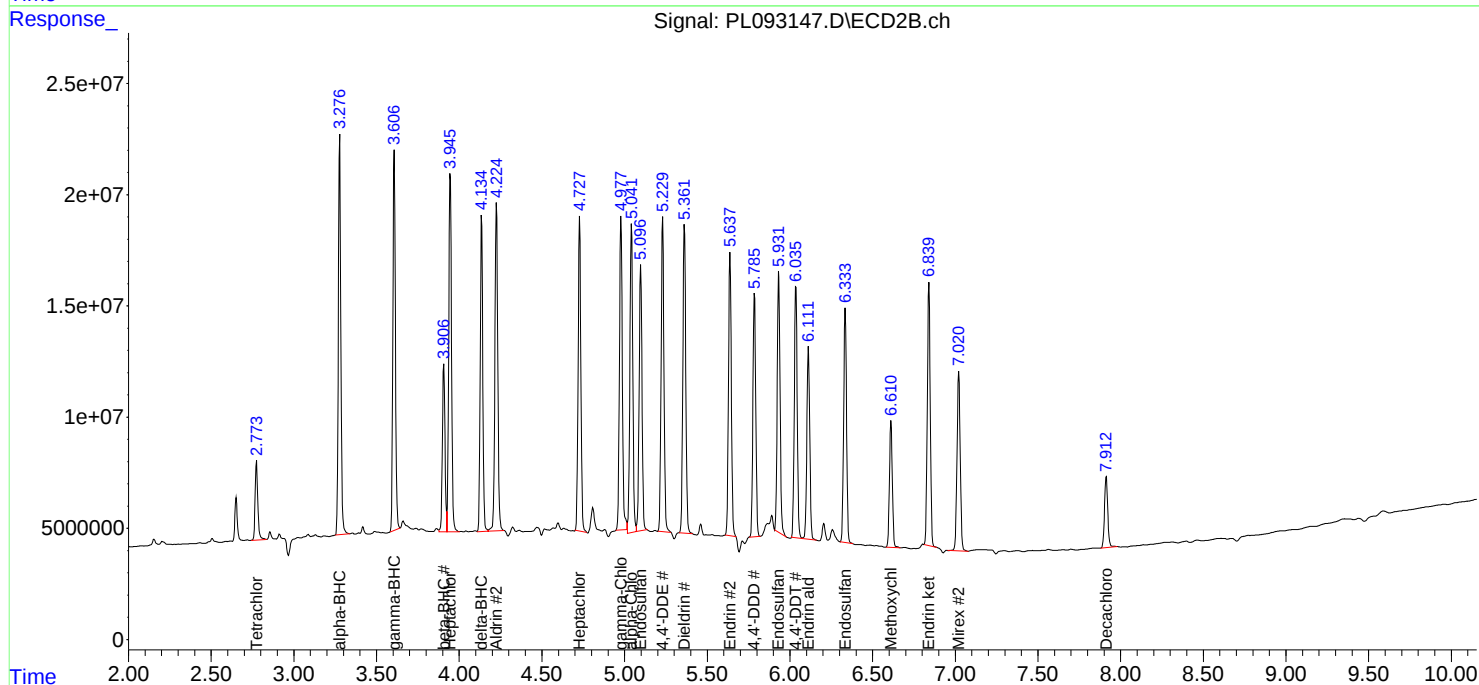
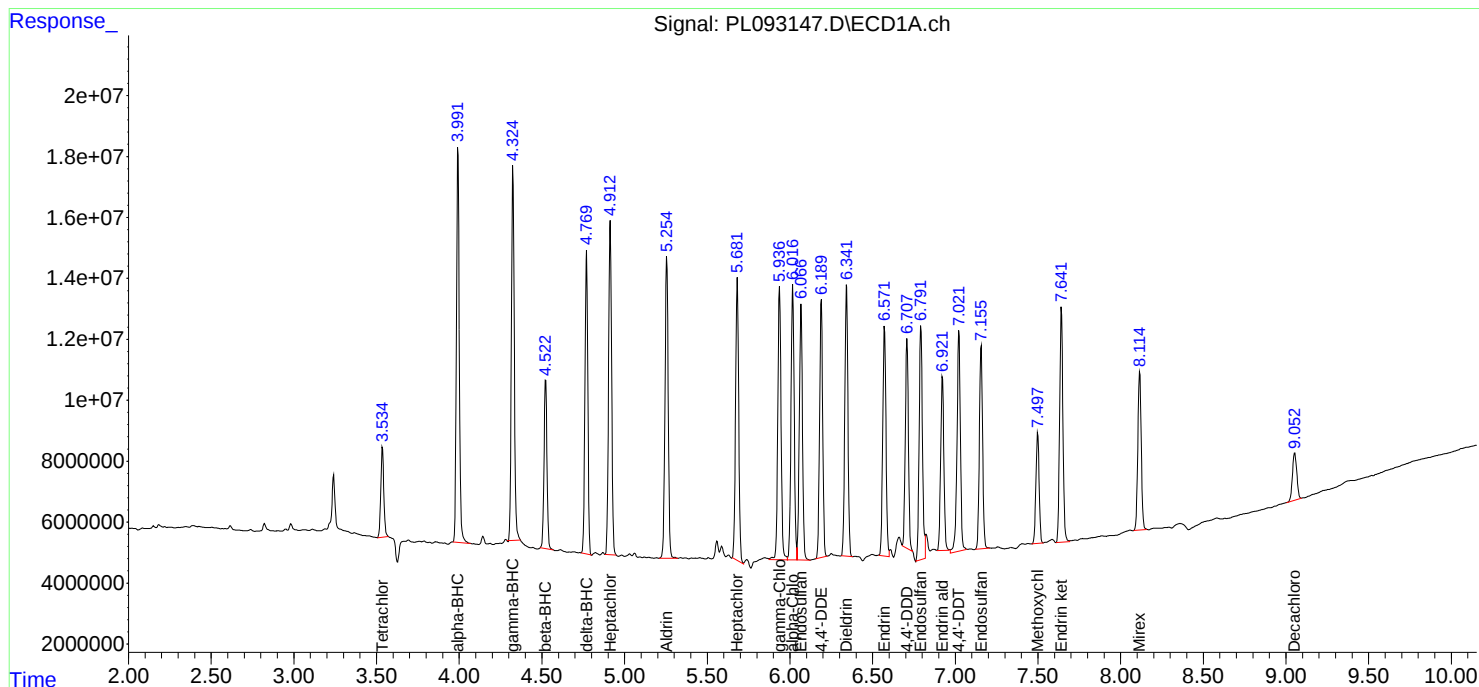
APPROVED

Reviewed By :Yogesh Patel 11/20/2024

Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 23:07:07 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Report of Analysis

Client:	Tetra Tech		Date Collected:	11/14/24	
Project:	Ocean County Landfill 2024		Date Received:	11/14/24	
Client Sample ID:	PH2-BOT-007MSD		SDG No.:	P4860	
Lab Sample ID:	P4860-08MSD		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	98	Decanted:
Sample Wt/Vol:	30.05	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093148.D	1	11/18/24 08:20	11/19/24 15:50	PB165046

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	15.9		0.18	1.70	ug/kg
319-85-7	beta-BHC	16.6		0.50	1.70	ug/kg
319-86-8	delta-BHC	13.3		0.48	1.70	ug/kg
58-89-9	gamma-BHC (Lindane)	15.6		0.19	1.70	ug/kg
76-44-8	Heptachlor	16.7		0.17	1.70	ug/kg
309-00-2	Aldrin	16.2		0.14	1.70	ug/kg
1024-57-3	Heptachlor epoxide	16.3		0.23	1.70	ug/kg
959-98-8	Endosulfan I	15.1		0.17	1.70	ug/kg
60-57-1	Dieldrin	17.0		0.15	1.70	ug/kg
72-55-9	4,4-DDE	17.8		0.13	1.70	ug/kg
72-20-8	Endrin	18.3		0.16	1.70	ug/kg
33213-65-9	Endosulfan II	16.8		0.31	1.70	ug/kg
72-54-8	4,4-DDD	18.0		0.19	1.70	ug/kg
1031-07-8	Endosulfan Sulfate	16.0		0.13	1.70	ug/kg
50-29-3	4,4-DDT	17.6		0.17	1.70	ug/kg
72-43-5	Methoxychlor	16.6		0.39	1.70	ug/kg
53494-70-5	Endrin ketone	16.0		0.22	1.70	ug/kg
7421-93-4	Endrin aldehyde	15.5		0.40	1.70	ug/kg
5103-71-9	alpha-Chlordane	17.0		0.17	1.70	ug/kg
5103-74-2	gamma-Chlordane	16.9		0.19	1.70	ug/kg
8001-35-2	Toxaphene	5.30	U	5.30	33.6	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	15.7		30 (10) - 150 (148)	79%	SPK: 20
877-09-8	Tetrachloro-m-xylene	15.1		30 (10) - 150 (159)	75%	SPK: 20

Report of Analysis

Client:	Tetra Tech		Date Collected:	11/14/24	
Project:	Ocean County Landfill 2024		Date Received:	11/14/24	
Client Sample ID:	PH2-BOT-007MSD		SDG No.:	P4860	
Lab Sample ID:	P4860-08MSD		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	98	Decanted:
Sample Wt/Vol:	30.05	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093148.D	1	11/18/24 08:20	11/19/24 15:50	PB165046

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
 Data File : PL093148.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Nov 2024 15:50
 Operator : AR\AJ
 Sample : P4860-08MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PH2-BOT-007MSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/20/2024
 Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 19 23:08:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 18:58:23 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.534	2.774	36909990	38702462	15.064m	14.223
28) SA Decachlor...	9.053	7.912	27957990	42945544	14.527	15.735
Target Compounds						
2) A alpha-BHC	3.992	3.277	156.3E6	186.4E6	46.076	46.710
3) MA gamma-BHC...	4.324	3.607	148.0E6	177.9E6	45.404	46.082
4) MA Heptachlor	4.913	3.946	140.2E6	186.1E6	46.698	49.322
5) MB Aldrin	5.255	4.225	131.3E6	175.0E6	43.741	47.803
6) B beta-BHC	4.523	3.907	66271382	80243137	45.848	48.743
7) B delta-BHC	4.770	4.136	117.7E6	150.0E6	37.618	39.035
8) B Heptachlo...	5.682	4.728	122.6E6	160.7E6	44.410	48.088
9) A Endosulfan I	6.067	5.098	111.1E6	135.1E6	44.405	44.253
10) B gamma-Chl...	5.938	4.977	123.3E6	167.0E6	46.333	49.676m
11) B alpha-Chl...	6.017	5.043	120.5E6	167.0E6	45.490	50.214
12) B 4,4'-DDE	6.190	5.231	109.4E6	168.7E6	46.165	52.351
13) MA Dieldrin	6.342	5.363	115.9E6	167.3E6	43.971	50.087
14) MA Endrin	6.571	5.638	101.9E6	156.2E6	44.739m	53.993
15) B Endosulfa...	6.791	5.933	108.0E6	140.0E6	45.320m	49.427
16) A 4,4'-DDD	6.707	5.786	89272736	131.7E6	46.508m	52.881
17) MA 4,4'-DDT	7.022	6.035	103.8E6	138.9E6	50.169	51.787m
18) B Endrin al...	6.920	6.112	77651355	105.5E6	41.348m	45.737
19) B Endosulfa...	7.157	6.335	91597503	126.8E6	42.204	47.022
20) A Methoxychlor	7.498	6.611	49288302	70014676	43.235	49.029
21) B Endrin ke...	7.642	6.841	106.5E6	144.9E6	43.941	47.217
22) Mirex	8.115	7.020	75442808	108.7E6	38.070	41.679

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
Data File : PL093148.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2024 15:50
Operator : AR\AJ
Sample : P4860-08MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PH2-BOT-007MSD

Manual Integrations

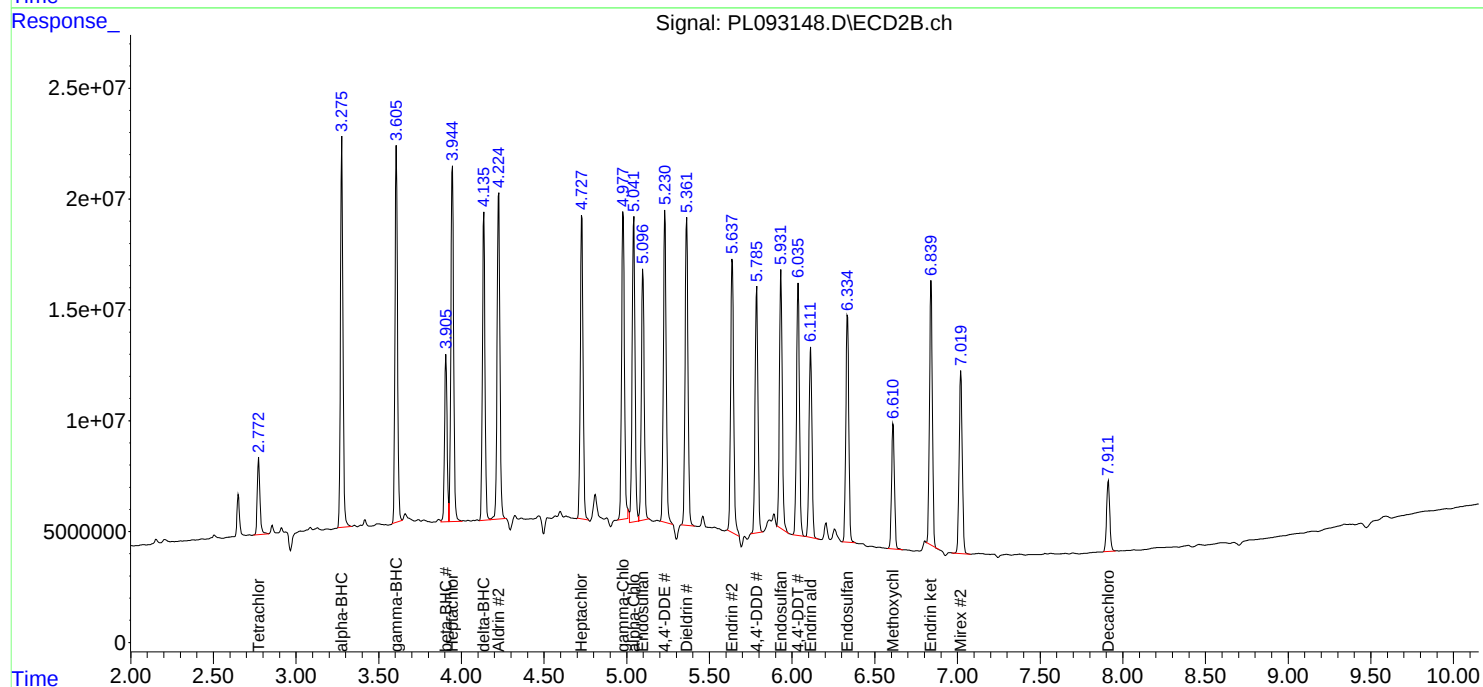
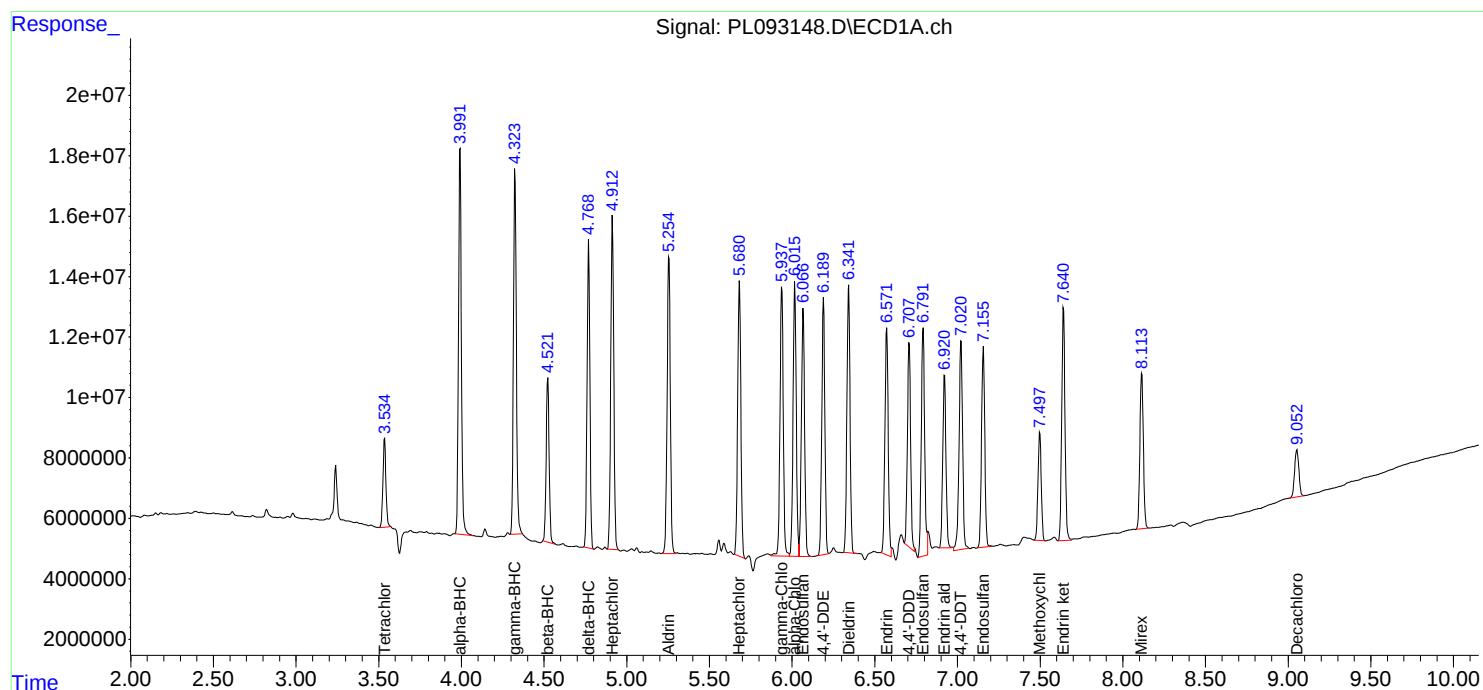
APPROVED

Reviewed By :Yogesh Patel 11/20/2024

Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 23:08:05 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Manual Integration Report

Sequence:	PL102824	Instrument	ECD_I
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PL092653.D	4,4"-DDD	Abdul	10/29/2024 9:08:09 AM	Ankita	10/29/2024 10:01:26	Peak Integrated by Software
PEM	PL092653.D	4,4"-DDD #2	Abdul	10/29/2024 9:08:09 AM	Ankita	10/29/2024 10:01:26	Peak Integrated by Software
PSTDICC005	PL092659.D	delta-BHC	Abdul	10/29/2024 9:08:13 AM	Ankita	10/29/2024 10:01:28	Peak Integrated by Software
PSTDICC005	PL092659.D	Heptachlor epoxide	Abdul	10/29/2024 9:08:13 AM	Ankita	10/29/2024 10:01:28	Peak Integrated by Software
PEM	PL092674.D	4,4"-DDD #2	Abdul	10/29/2024 9:08:21 AM	Ankita	10/29/2024 10:01:31	Peak Integrated by Software
PEM	PL092674.D	4,4"-DDE	Abdul	10/29/2024 9:08:21 AM	Ankita	10/29/2024 10:01:31	Peak Integrated by Software
PEM	PL092674.D	4,4"-DDE #2	Abdul	10/29/2024 9:08:21 AM	Ankita	10/29/2024 10:01:31	Peak Integrated by Software
PEM	PL092674.D	Endrin ketone #2	Abdul	10/29/2024 9:08:21 AM	Ankita	10/29/2024 10:01:31	Peak Integrated by Software
PSTDCCC050	PL092675.D	Aldrin	Abdul	10/29/2024 9:08:25 AM	Ankita	10/29/2024 10:01:33	Peak Integrated by Software
PSTDCCC050	PL092675.D	Dieldrin #2	Abdul	10/29/2024 9:08:25 AM	Ankita	10/29/2024 10:01:33	Peak Integrated by Software
PSTDCCC050	PL092675.D	gamma-BHC (Lindane)	Abdul	10/29/2024 9:08:25 AM	Ankita	10/29/2024 10:01:33	Peak Integrated by Software
PSTDCCC050	PL092675.D	Tetrachloro-m-xylene #2	Abdul	10/29/2024 9:08:25 AM	Ankita	10/29/2024 10:01:33	Peak Integrated by Software
I.BLK	PL092690.D	Tetrachloro-m-xylene #2	Abdul	10/29/2024 9:09:28 AM	Ankita	10/29/2024 10:02:09	Peak Integrated by Software

Manual Integration Report

Sequence:	PL102824	Instrument	ECD_I
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PL092691.D	Endosulfan II #2	Abdul	10/29/2024 9:09:32 AM	Ankita	10/29/2024 10:02:10	Peak Integrated by Software
PSTDCCC050	PL092691.D	gamma-Chlordane	Abdul	10/29/2024 9:09:32 AM	Ankita	10/29/2024 10:02:10	Peak Integrated by Software
PSTDCCC050	PL092691.D	Heptachlor epoxide	Abdul	10/29/2024 9:09:32 AM	Ankita	10/29/2024 10:02:10	Peak Integrated by Software
PSTDCCC050	PL092691.D	Mirex #2	Abdul	10/29/2024 9:09:32 AM	Ankita	10/29/2024 10:02:10	Peak Integrated by Software

Manual Integration Report

Sequence:	pl111824	Instrument	ECD_I
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PL093099.D	Endrin	yogesh	11/19/2024 9:09:06 AM	Ankita	11/19/2024 4:46:48	Peak Integrated by Software
P4860-03	PL093107.D	4,4"-DDD	yogesh	11/19/2024 9:10:09 AM	Ankita	11/19/2024 4:46:57	Peak Integrated by Software
P4860-03	PL093107.D	4,4"-DDD #2	yogesh	11/19/2024 9:10:09 AM	Ankita	11/19/2024 4:46:57	Peak Integrated by Software
P4860-03	PL093107.D	4,4"-DDE #2	yogesh	11/19/2024 9:10:09 AM	Ankita	11/19/2024 4:46:57	Peak Integrated by Software
P4860-03	PL093107.D	4,4"-DDT	yogesh	11/19/2024 9:10:09 AM	Ankita	11/19/2024 4:46:57	Peak Integrated by Software
P4860-03	PL093107.D	Tetrachloro-m-xylene	yogesh	11/19/2024 9:10:09 AM	Ankita	11/19/2024 4:46:57	Peak Integrated by Software
P4860-03	PL093107.D	Tetrachloro-m-xylene #2	yogesh	11/19/2024 9:10:09 AM	Ankita	11/19/2024 4:46:57	Peak Integrated by Software
P4860-04	PL093108.D	4,4"-DDD	yogesh	11/19/2024 9:10:11 AM	Ankita	11/19/2024 4:46:59	Peak Integrated by Software
P4860-04	PL093108.D	4,4"-DDD #2	yogesh	11/19/2024 9:10:11 AM	Ankita	11/19/2024 4:46:59	Peak Integrated by Software
P4860-04	PL093108.D	4,4"-DDT	yogesh	11/19/2024 9:10:11 AM	Ankita	11/19/2024 4:46:59	Peak Integrated by Software
P4860-04	PL093108.D	4,4"-DDT #2	yogesh	11/19/2024 9:10:11 AM	Ankita	11/19/2024 4:46:59	Peak Integrated by Software
P4860-04	PL093108.D	alpha-Chlordane	yogesh	11/19/2024 9:10:11 AM	Ankita	11/19/2024 4:46:59	Peak Integrated by Software
P4860-04	PL093108.D	Decachlorobiphenyl	yogesh	11/19/2024 9:10:11 AM	Ankita	11/19/2024 4:46:59	Peak Integrated by Software

Manual Integration Report

Sequence:	pl111824	Instrument	ECD_I
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
P4860-04	PL093108.D	gamma-Chlordane	yogesh	11/19/2024 9:10:11 AM	Ankita	11/19/2024 4:46:59	Peak Integrated by Software
P4860-04	PL093108.D	gamma-Chlordane #2	yogesh	11/19/2024 9:10:11 AM	Ankita	11/19/2024 4:46:59	Peak Integrated by Software
P4860-04	PL093108.D	Tetrachloro-m-xylene	yogesh	11/19/2024 9:10:11 AM	Ankita	11/19/2024 4:46:59	Peak Integrated by Software
P4860-05	PL093109.D	4,4"-DDD	yogesh	11/19/2024 9:10:13 AM	Ankita	11/19/2024 4:47:02	Peak Integrated by Software
P4860-05	PL093109.D	4,4"-DDD #2	yogesh	11/19/2024 9:10:13 AM	Ankita	11/19/2024 4:47:02	Peak Integrated by Software
P4860-05	PL093109.D	4,4"-DDE	yogesh	11/19/2024 9:10:13 AM	Ankita	11/19/2024 4:47:02	Peak Integrated by Software
P4860-05	PL093109.D	4,4"-DDE #2	yogesh	11/19/2024 9:10:13 AM	Ankita	11/19/2024 4:47:02	Peak Integrated by Software
P4860-05	PL093109.D	4,4"-DDT	yogesh	11/19/2024 9:10:13 AM	Ankita	11/19/2024 4:47:02	Peak Integrated by Software
P4860-05	PL093109.D	alpha-Chlordane #2	yogesh	11/19/2024 9:10:13 AM	Ankita	11/19/2024 4:47:02	Peak Integrated by Software
P4860-05	PL093109.D	gamma-Chlordane	yogesh	11/19/2024 9:10:13 AM	Ankita	11/19/2024 4:47:02	Peak Integrated by Software
P4860-05	PL093109.D	gamma-Chlordane #2	yogesh	11/19/2024 9:10:13 AM	Ankita	11/19/2024 4:47:02	Peak Integrated by Software
P4860-05	PL093109.D	Tetrachloro-m-xylene	yogesh	11/19/2024 9:10:13 AM	Ankita	11/19/2024 4:47:02	Peak Integrated by Software
PEM	PL093111.D	Endrin	yogesh	11/19/2024 9:10:15 AM	Ankita	11/19/2024 4:47:04	Peak Integrated by Software



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

Manual Integration Report

Sequence:

pl111824

Instrument

ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
P4860-06	PL093113.D	Tetrachloro-m-xylene	yogesh	11/19/2024 9:10:41 AM	Ankita	11/19/2024 4:47:06	Peak Integrated by Software

Manual Integration Report

Sequence:	PL111924	Instrument	ECD_I
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PL093137.D	4,4"-DDD	yogesh	11/20/2024 7:59:06 AM	Ankita	11/20/2024 11:55:44	Peak Integrated by Software
PEM	PL093137.D	4,4"-DDD #2	yogesh	11/20/2024 7:59:06 AM	Ankita	11/20/2024 11:55:44	Peak Integrated by Software
PEM	PL093137.D	4,4"-DDT #2	yogesh	11/20/2024 7:59:06 AM	Ankita	11/20/2024 11:55:44	Peak Integrated by Software
PEM	PL093137.D	Endrin	yogesh	11/20/2024 7:59:06 AM	Ankita	11/20/2024 11:55:44	Peak Integrated by Software
PEM	PL093137.D	Endrin ketone #2	yogesh	11/20/2024 7:59:06 AM	Ankita	11/20/2024 11:55:44	Peak Integrated by Software
PSTDCCC050	PL093138.D	4,4"-DDD	yogesh	11/20/2024 7:59:09 AM	Ankita	11/20/2024 11:55:46	Peak Integrated by Software
PSTDCCC050	PL093138.D	4,4"-DDT #2	yogesh	11/20/2024 7:59:09 AM	Ankita	11/20/2024 11:55:46	Peak Integrated by Software
PSTDCCC050	PL093138.D	Endosulfan II #2	yogesh	11/20/2024 7:59:09 AM	Ankita	11/20/2024 11:55:46	Peak Integrated by Software
PB165046BS	PL093139.D	4,4"-DDD	yogesh	11/20/2024 7:59:12 AM	Ankita	11/20/2024 11:55:48	Peak Integrated by Software
PB165046BS	PL093139.D	Endrin ketone #2	yogesh	11/20/2024 7:59:12 AM	Ankita	11/20/2024 11:55:48	Peak Integrated by Software
PB165046BS	PL093139.D	gamma-BHC (Lindane)	yogesh	11/20/2024 7:59:12 AM	Ankita	11/20/2024 11:55:48	Peak Integrated by Software
PB165046BS	PL093139.D	Mirex #2	yogesh	11/20/2024 7:59:12 AM	Ankita	11/20/2024 11:55:48	Peak Integrated by Software
P4860-01	PL093141.D	4,4"-DDD	yogesh	11/20/2024 11:54:29 AM	Ankita	11/20/2024 11:55:50	Peak Integrated by Software

Manual Integration Report

Sequence:	PL111924	Instrument	ECD_I
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
P4860-01	PL093141.D	4,4"-DDD #2	yogesh	11/20/2024 11:54:29 AM	Ankita	11/20/2024 11:55:50	Peak Integrated by Software
P4860-01	PL093141.D	4,4"-DDE	yogesh	11/20/2024 11:54:29 AM	Ankita	11/20/2024 11:55:50	Peak Integrated by Software
P4860-01	PL093141.D	alpha-Chlordane	yogesh	11/20/2024 11:54:29 AM	Ankita	11/20/2024 11:55:50	Peak Integrated by Software
P4860-01	PL093141.D	alpha-Chlordane #2	yogesh	11/20/2024 11:54:29 AM	Ankita	11/20/2024 11:55:50	Peak Integrated by Software
P4860-01	PL093141.D	gamma-Chlordane	yogesh	11/20/2024 11:54:29 AM	Ankita	11/20/2024 11:55:50	Peak Integrated by Software
P4860-01	PL093141.D	gamma-Chlordane #2	yogesh	11/20/2024 11:54:29 AM	Ankita	11/20/2024 11:55:50	Peak Integrated by Software
P4860-01	PL093141.D	Tetrachloro-m-xylene	yogesh	11/20/2024 11:54:29 AM	Ankita	11/20/2024 11:55:50	Peak Integrated by Software
P4860-02	PL093142.D	4,4"-DDD	yogesh	11/20/2024 11:54:31 AM	Ankita	11/20/2024 11:55:52	Peak Integrated by Software
P4860-02	PL093142.D	4,4"-DDD #2	yogesh	11/20/2024 11:54:31 AM	Ankita	11/20/2024 11:55:52	Peak Integrated by Software
P4860-02	PL093142.D	4,4"-DDE #2	yogesh	11/20/2024 11:54:31 AM	Ankita	11/20/2024 11:55:52	Peak Integrated by Software
P4860-02	PL093142.D	4,4"-DDT	yogesh	11/20/2024 11:54:31 AM	Ankita	11/20/2024 11:55:52	Peak Integrated by Software
P4860-02	PL093142.D	alpha-Chlordane	yogesh	11/20/2024 11:54:31 AM	Ankita	11/20/2024 11:55:52	Peak Integrated by Software
P4860-02	PL093142.D	alpha-Chlordane #2	yogesh	11/20/2024 11:54:31 AM	Ankita	11/20/2024 11:55:52	Peak Integrated by Software

Manual Integration Report

Sequence:	PL111924	Instrument	ECD_I
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
P4860-02	PL093142.D	Dieldrin	yogesh	11/20/2024 11:54:31 AM	Ankita	11/20/2024 11:55:52	Peak Integrated by Software
P4860-02	PL093142.D	Dieldrin #2	yogesh	11/20/2024 11:54:31 AM	Ankita	11/20/2024 11:55:52	Peak Integrated by Software
P4860-02	PL093142.D	gamma-Chlordane	yogesh	11/20/2024 11:54:31 AM	Ankita	11/20/2024 11:55:52	Peak Integrated by Software
P4860-02	PL093142.D	gamma-Chlordane #2	yogesh	11/20/2024 11:54:31 AM	Ankita	11/20/2024 11:55:52	Peak Integrated by Software
P4860-02	PL093142.D	Tetrachloro-m-xylene	yogesh	11/20/2024 11:54:31 AM	Ankita	11/20/2024 11:55:52	Peak Integrated by Software
P4860-09	PL093143.D	Tetrachloro-m-xylene	yogesh	11/20/2024 11:54:32 AM	Ankita	11/20/2024 11:55:53	Peak Integrated by Software
P4860-10	PL093144.D	Tetrachloro-m-xylene	yogesh	11/20/2024 11:54:35 AM	Ankita	11/20/2024 11:55:55	Peak Integrated by Software
P4860-07	PL093145.D	4,4"-DDD	yogesh	11/20/2024 11:54:36 AM	Ankita	11/20/2024 11:55:58	Peak Integrated by Software
P4860-07	PL093145.D	4,4"-DDD #2	yogesh	11/20/2024 11:54:36 AM	Ankita	11/20/2024 11:55:58	Peak Integrated by Software
P4860-07	PL093145.D	4,4"-DDT	yogesh	11/20/2024 11:54:36 AM	Ankita	11/20/2024 11:55:58	Peak Integrated by Software
P4860-07	PL093145.D	alpha-Chlordane #2	yogesh	11/20/2024 11:54:36 AM	Ankita	11/20/2024 11:55:58	Peak Integrated by Software
P4860-07	PL093145.D	gamma-Chlordane #2	yogesh	11/20/2024 11:54:36 AM	Ankita	11/20/2024 11:55:58	Peak Integrated by Software
P4860-07	PL093145.D	Tetrachloro-m-xylene	yogesh	11/20/2024 11:54:36 AM	Ankita	11/20/2024 11:55:58	Peak Integrated by Software

Manual Integration Report

Sequence:	PL111924	Instrument	ECD_I
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
P4860-08	PL093146.D	4,4"-DDD	yogesh	11/20/2024 11:54:38 AM	Ankita	11/20/2024 11:56:00	Peak Integrated by Software
P4860-08	PL093146.D	4,4"-DDD #2	yogesh	11/20/2024 11:54:38 AM	Ankita	11/20/2024 11:56:00	Peak Integrated by Software
P4860-08	PL093146.D	4,4"-DDE #2	yogesh	11/20/2024 11:54:38 AM	Ankita	11/20/2024 11:56:00	Peak Integrated by Software
P4860-08	PL093146.D	4,4"-DDT	yogesh	11/20/2024 11:54:38 AM	Ankita	11/20/2024 11:56:00	Peak Integrated by Software
P4860-08	PL093146.D	4,4"-DDT #2	yogesh	11/20/2024 11:54:38 AM	Ankita	11/20/2024 11:56:00	Peak Integrated by Software
P4860-08	PL093146.D	Tetrachloro-m-xylene	yogesh	11/20/2024 11:54:38 AM	Ankita	11/20/2024 11:56:00	Peak Integrated by Software
P4860-08MS	PL093147.D	4,4"-DDD	yogesh	11/20/2024 7:59:29 AM	Ankita	11/20/2024 11:56:01	Peak Integrated by Software
P4860-08MS	PL093147.D	Endosulfan II	yogesh	11/20/2024 7:59:29 AM	Ankita	11/20/2024 11:56:01	Peak Integrated by Software
P4860-08MS	PL093147.D	Endrin	yogesh	11/20/2024 7:59:29 AM	Ankita	11/20/2024 11:56:01	Peak Integrated by Software
P4860-08MS	PL093147.D	Endrin #2	yogesh	11/20/2024 7:59:29 AM	Ankita	11/20/2024 11:56:01	Peak Integrated by Software
P4860-08MS	PL093147.D	Endrin aldehyde	yogesh	11/20/2024 7:59:29 AM	Ankita	11/20/2024 11:56:01	Peak Integrated by Software
P4860-08MS	PL093147.D	gamma-Chlordane #2	yogesh	11/20/2024 7:59:29 AM	Ankita	11/20/2024 11:56:01	Peak Integrated by Software
P4860-08MS	PL093147.D	Tetrachloro-m-xylene	yogesh	11/20/2024 7:59:29 AM	Ankita	11/20/2024 11:56:01	Peak Integrated by Software

Manual Integration Report

Sequence:	PL111924	Instrument	ECD_I
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
P4860-08MSD	PL093148.D	4,4"-DDD	yogesh	11/20/2024 11:54:40 AM	Ankita	11/20/2024 11:56:03	Peak Integrated by Software
P4860-08MSD	PL093148.D	4,4"-DDT #2	yogesh	11/20/2024 11:54:40 AM	Ankita	11/20/2024 11:56:03	Peak Integrated by Software
P4860-08MSD	PL093148.D	Endosulfan II	yogesh	11/20/2024 11:54:40 AM	Ankita	11/20/2024 11:56:03	Peak Integrated by Software
P4860-08MSD	PL093148.D	Endrin	yogesh	11/20/2024 11:54:40 AM	Ankita	11/20/2024 11:56:03	Peak Integrated by Software
P4860-08MSD	PL093148.D	Endrin aldehyde	yogesh	11/20/2024 11:54:40 AM	Ankita	11/20/2024 11:56:03	Peak Integrated by Software
P4860-08MSD	PL093148.D	gamma-Chlordane #2	yogesh	11/20/2024 11:54:40 AM	Ankita	11/20/2024 11:56:03	Peak Integrated by Software
P4860-08MSD	PL093148.D	Tetrachloro-m-xylene	yogesh	11/20/2024 11:54:40 AM	Ankita	11/20/2024 11:56:03	Peak Integrated by Software
PSTDCCC050	PL093153.D	4,4"-DDD #2	yogesh	11/20/2024 7:59:40 AM	Ankita	11/20/2024 11:56:15	Peak Integrated by Software
PSTDCCC050	PL093153.D	Aldrin	yogesh	11/20/2024 7:59:40 AM	Ankita	11/20/2024 11:56:15	Peak Integrated by Software
PSTDCCC050	PL093153.D	gamma-Chlordane	yogesh	11/20/2024 7:59:40 AM	Ankita	11/20/2024 11:56:15	Peak Integrated by Software
PSTDCCC050	PL093166.D	4,4"-DDD #2	yogesh	11/20/2024 11:54:54 AM	Ankita	11/20/2024 11:56:35	Peak Integrated by Software
PSTDCCC050	PL093166.D	4,4"-DDT #2	yogesh	11/20/2024 11:54:54 AM	Ankita	11/20/2024 11:56:35	Peak Integrated by Software
PSTDCCC050	PL093166.D	Aldrin	yogesh	11/20/2024 11:54:54 AM	Ankita	11/20/2024 11:56:35	Peak Integrated by Software



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

Manual Integration Report

Sequence:

PL111924

Instrument

ECD_I

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL102824

Review By	Abdul	Review On	10/29/2024 9:09:59 AM
Supervise By	Ankita	Supervise On	10/29/2024 10:02:30 AM
SubDirectory	PL102824	HP Acquire Method	HP Processing Method pl102824 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP23793,PP23517		
Initial Calibration Stds	PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683		
CCC	PP23686,PP23690,PP23695		
Internal Standard/PEM			
ICV/I.BLK	PP23687,PP23693,PP23698		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PL092651.D	28 Oct 2024 13:41	AR\AJ	Ok
2	I.BLK	PL092652.D	28 Oct 2024 13:55	AR\AJ	Ok
3	PEM	PL092653.D	28 Oct 2024 14:16	AR\AJ	Ok,M
4	RESCHK	PL092654.D	28 Oct 2024 14:29	AR\AJ	Ok
5	PSTDICC100	PL092655.D	28 Oct 2024 14:43	AR\AJ	Ok
6	PSTDICC075	PL092656.D	28 Oct 2024 14:56	AR\AJ	Ok
7	PSTDICC050	PL092657.D	28 Oct 2024 15:09	AR\AJ	Ok
8	PSTDICC025	PL092658.D	28 Oct 2024 15:23	AR\AJ	Ok
9	PSTDICC005	PL092659.D	28 Oct 2024 15:36	AR\AJ	Ok,M
10	PCHLORICC1000	PL092660.D	28 Oct 2024 15:49	AR\AJ	Ok
11	PCHLORICC750	PL092661.D	28 Oct 2024 16:03	AR\AJ	Ok
12	PCHLORICC500	PL092662.D	28 Oct 2024 16:16	AR\AJ	Ok
13	PCHLORICC250	PL092663.D	28 Oct 2024 16:30	AR\AJ	Ok
14	PCHLORICC050	PL092664.D	28 Oct 2024 16:43	AR\AJ	Ok
15	PTOXICC1000	PL092665.D	28 Oct 2024 16:56	AR\AJ	Ok
16	PTOXICC750	PL092666.D	28 Oct 2024 17:10	AR\AJ	Ok
17	PTOXICC500	PL092667.D	28 Oct 2024 17:23	AR\AJ	Ok
18	PTOXICC250	PL092668.D	28 Oct 2024 17:37	AR\AJ	Ok
19	PTOXICC100	PL092669.D	28 Oct 2024 17:50	AR\AJ	Ok,M
20	PSTDICV050	PL092670.D	28 Oct 2024 18:03	AR\AJ	Ok
21	PCHLORICV500	PL092671.D	28 Oct 2024 18:30	AR\AJ	Ok

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL102824

Review By	Abdul	Review On	10/29/2024 9:09:59 AM
Supervise By	Ankita	Supervise On	10/29/2024 10:02:30 AM
SubDirectory	PL102824	HP Acquire Method	HP Processing Method pl102824 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP23793,PP23517		
Initial Calibration Stds	PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683		
CCC	PP23686,PP23690,PP23695		
Internal Standard/PEM			
ICV/I.BLK	PP23687,PP23693,PP23698		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	PTOXICV500	PL092672.D	28 Oct 2024 18:57	AR\AJ	Ok
23	I.BLK	PL092673.D	28 Oct 2024 19:24	AR\AJ	Ok
24	PEM	PL092674.D	28 Oct 2024 19:37	AR\AJ	Ok,M
25	PSTDCCC050	PL092675.D	28 Oct 2024 19:51	AR\AJ	Ok,M
26	PB164460BL	PL092676.D	28 Oct 2024 20:04	AR\AJ	Ok,M
27	PB164460BS	PL092677.D	28 Oct 2024 20:17	AR\AJ	Ok,M
28	P4575-01	PL092678.D	28 Oct 2024 20:31	AR\AJ	Ok,M
29	P4566-01	PL092679.D	28 Oct 2024 20:44	AR\AJ	Ok,M
30	P4567-01	PL092680.D	28 Oct 2024 20:57	AR\AJ	Ok,M
31	P4567-05	PL092681.D	28 Oct 2024 21:11	AR\AJ	Ok
32	P4567-09	PL092682.D	28 Oct 2024 21:24	AR\AJ	Ok,M
33	P4574-01	PL092683.D	28 Oct 2024 21:38	AR\AJ	Ok,M
34	P4574-04	PL092684.D	28 Oct 2024 21:51	AR\AJ	Ok,M
35	P4577-01	PL092685.D	28 Oct 2024 22:04	AR\AJ	Ok,M
36	P4561-01	PL092686.D	28 Oct 2024 22:18	AR\AJ	Ok,M
37	P4561-01MS	PL092687.D	28 Oct 2024 22:31	AR\AJ	Ok,M
38	P4561-01MSD	PL092688.D	28 Oct 2024 22:44	AR\AJ	Ok,M
39	P4561-05	PL092689.D	28 Oct 2024 22:58	AR\AJ	Ok,M
40	I.BLK	PL092690.D	28 Oct 2024 23:11	AR\AJ	Ok,M
41	PSTDCCC050	PL092691.D	29 Oct 2024 00:32	AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL111824

Review By	yogesh	Review On	11/19/2024 9:13:18 AM
Supervise By	Ankita	Supervise On	11/19/2024 4:48:08 PM
SubDirectory	PL111824	HP Acquire Method	HP Processing Method PL102824
STD. NAME	STD REF.#		
Tune/Reschk	PP23793,PP23517		
Initial Calibration Stds	PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683		
CCC	PP23686,PP23690,PP23695		
Internal Standard/PEM			
ICV/I.BLK	PP23687,PP23693,PP23698		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PL093097.D	18 Nov 2024 09:19	AR\AJ	Ok
2	I.BLK	PL093098.D	18 Nov 2024 09:32	AR\AJ	Ok
3	PEM	PL093099.D	18 Nov 2024 09:46	AR\AJ	Ok,M
4	PSTDCCC050	PL093100.D	18 Nov 2024 09:59	AR\AJ	Ok
5	PB164992BL	PL093101.D	18 Nov 2024 10:12	AR\AJ	Ok
6	P4848-01	PL093102.D	18 Nov 2024 10:25	AR\AJ	Ok,M
7	PB165046BL	PL093103.D	18 Nov 2024 11:33	AR\AJ	Not Ok
8	PB165046BS	PL093104.D	18 Nov 2024 11:46	AR\AJ	Not Ok
9	P4860-01	PL093105.D	18 Nov 2024 12:00	AR\AJ	Not Ok
10	P4860-02	PL093106.D	18 Nov 2024 12:13	AR\AJ	Not Ok
11	P4860-03	PL093107.D	18 Nov 2024 12:26	AR\AJ	Ok,M
12	P4860-04	PL093108.D	18 Nov 2024 12:39	AR\AJ	Ok,M
13	P4860-05	PL093109.D	18 Nov 2024 12:52	AR\AJ	Ok,M
14	I.BLK	PL093110.D	18 Nov 2024 13:05	AR\AJ	Ok
15	PEM	PL093111.D	18 Nov 2024 13:19	AR\AJ	Ok,M
16	PSTDCCC050	PL093112.D	18 Nov 2024 13:32	AR\AJ	Ok
17	P4860-06	PL093113.D	18 Nov 2024 13:45	AR\AJ	Ok,M
18	P4860-07	PL093114.D	18 Nov 2024 13:58	AR\AJ	Not Ok
19	P4860-08	PL093115.D	18 Nov 2024 14:11	AR\AJ	Not Ok
20	P4860-08MS	PL093116.D	18 Nov 2024 14:24	AR\AJ	Not Ok
21	P4860-08MSD	PL093117.D	18 Nov 2024 14:38	AR\AJ	Not Ok

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL111824

Review By	yogesh	Review On	11/19/2024 9:13:18 AM
Supervise By	Ankita	Supervise On	11/19/2024 4:48:08 PM
SubDirectory	PL111824	HP Acquire Method	HP Processing Method PL102824
STD. NAME	STD REF.#		
Tune/Reschk	PP23793,PP23517		
Initial Calibration Stds	PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683		
CCC	PP23686,PP23690,PP23695		
Internal Standard/PEM			
ICV/I.BLK	PP23687,PP23693,PP23698		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	P4860-09	PL093118.D	18 Nov 2024 14:51	AR\AJ	Not Ok
23	P4860-10	PL093119.D	18 Nov 2024 15:04	AR\AJ	Not Ok
24	P4869-01	PL093120.D	18 Nov 2024 15:17	AR\AJ	Ok,M
25	P4887-01	PL093121.D	18 Nov 2024 15:30	AR\AJ	Ok,M
26	P4887-05	PL093122.D	18 Nov 2024 15:43	AR\AJ	Ok,M
27	P4889-01	PL093123.D	18 Nov 2024 15:56	AR\AJ	Dilution
28	P4889-03	PL093124.D	18 Nov 2024 16:10	AR\AJ	Ok,M
29	P4889-05	PL093125.D	18 Nov 2024 16:23	AR\AJ	Not Ok
30	PB165053BL	PL093126.D	18 Nov 2024 16:36	AR\AJ	Ok
31	PB165053BS	PL093127.D	18 Nov 2024 16:49	AR\AJ	Ok,M
32	PB165019TB	PL093128.D	18 Nov 2024 17:02	AR\AJ	Ok
33	P4861-01	PL093129.D	18 Nov 2024 17:16	AR\AJ	Ok
34	P4861-01MS	PL093130.D	18 Nov 2024 17:29	AR\AJ	Ok,M
35	P4861-01MSD	PL093131.D	18 Nov 2024 17:42	AR\AJ	Ok,M
36	P4871-01	PL093132.D	18 Nov 2024 17:55	AR\AJ	Ok
37	I.BLK	PL093133.D	18 Nov 2024 18:08	AR\AJ	Ok
38	PSTDCCC050	PL093134.D	18 Nov 2024 18:21	AR\AJ	Ok

M : Manual Integration

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL111924

Review By	yogesh	Review On	11/20/2024 8:00:21 AM
Supervise By	Ankita	Supervise On	11/20/2024 12:01:41 PM
SubDirectory	PL111924	HP Acquire Method	HP Processing Method PL102824
STD. NAME	STD REF.#		
Tune/Reschk	PP23793,PP23517		
Initial Calibration Stds	PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683		
CCC	PP23686,PP23690,PP23695		
Internal Standard/PEM			
ICV/I.BLK	PP23687,PP23693,PP23698		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PL093135.D	19 Nov 2024 12:18	AR\AJ	Ok
2	I.BLK	PL093136.D	19 Nov 2024 12:44	AR\AJ	Ok
3	PEM	PL093137.D	19 Nov 2024 12:57	AR\AJ	Ok,M
4	PSTDCCC050	PL093138.D	19 Nov 2024 13:25	AR\AJ	Ok,M
5	PB165046BS	PL093139.D	19 Nov 2024 13:52	AR\AJ	Ok,M
6	PB165046BL	PL093140.D	19 Nov 2024 14:05	AR\AJ	Ok
7	P4860-01	PL093141.D	19 Nov 2024 14:18	AR\AJ	Ok,M
8	P4860-02	PL093142.D	19 Nov 2024 14:31	AR\AJ	Ok,M
9	P4860-09	PL093143.D	19 Nov 2024 14:44	AR\AJ	Ok,M
10	P4860-10	PL093144.D	19 Nov 2024 14:57	AR\AJ	Ok,M
11	P4860-07	PL093145.D	19 Nov 2024 15:11	AR\AJ	Ok,M
12	P4860-08	PL093146.D	19 Nov 2024 15:24	AR\AJ	Ok,M
13	P4860-08MS	PL093147.D	19 Nov 2024 15:37	AR\AJ	Ok,M
14	P4860-08MSD	PL093148.D	19 Nov 2024 15:50	AR\AJ	Ok,M
15	P4889-01DL	PL093149.D	19 Nov 2024 16:03	AR\AJ	Ok,NR
16	P4889-05	PL093150.D	19 Nov 2024 16:16	AR\AJ	Dilution
17	P4889-05DL	PL093151.D	19 Nov 2024 16:30	AR\AJ	Ok,M
18	I.BLK	PL093152.D	19 Nov 2024 16:43	AR\AJ	Ok
19	PSTDCCC050	PL093153.D	19 Nov 2024 16:56	AR\AJ	Ok,M
20	PB165083BL	PL093154.D	19 Nov 2024 17:22	AR\AJ	Ok
21	PB165083BS	PL093155.D	19 Nov 2024 17:36	AR\AJ	Not Ok

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL111924

Review By	yogesh	Review On	11/20/2024 8:00:21 AM
Supervise By	Ankita	Supervise On	11/20/2024 12:01:41 PM
SubDirectory	PL111924	HP Acquire Method	HP Processing Method PL102824
STD. NAME	STD REF.#		
Tune/Reschk	PP23793,PP23517		
Initial Calibration Stds	PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683		
CCC	PP23686,PP23690,PP23695		
Internal Standard/PEM			
ICV/I.BLK	PP23687,PP23693,PP23698		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	P4893-01	PL093156.D	19 Nov 2024 17:49	AR\AJ	Ok,M
23	P4893-05	PL093157.D	19 Nov 2024 18:02	AR\AJ	Not Ok
24	P4908-01	PL093158.D	19 Nov 2024 18:15	AR\AJ	Ok,M
25	P4908-03	PL093159.D	19 Nov 2024 18:28	AR\AJ	Ok,M
26	P4909-01	PL093160.D	19 Nov 2024 18:41	AR\AJ	Ok,M
27	P4910-01	PL093161.D	19 Nov 2024 18:55	AR\AJ	Ok,M
28	P4910-01MS	PL093162.D	19 Nov 2024 19:08	AR\AJ	Ok,M
29	P4910-01MSD	PL093163.D	19 Nov 2024 19:21	AR\AJ	Ok,M
30	P4910-05	PL093164.D	19 Nov 2024 19:34	AR\AJ	Ok
31	I.BLK	PL093165.D	19 Nov 2024 19:48	AR\AJ	Ok
32	PSTDCCC050	PL093166.D	19 Nov 2024 20:01	AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL102824

Review By	Abdul	Review On	10/29/2024 9:09:59 AM
Supervise By	Ankita	Supervise On	10/29/2024 10:02:30 AM
SubDirectory	PL102824	HP Acquire Method	HP Processing Method pl102824 8081

STD. NAME	STD REF.#
Tune/Reschk	PP23793,PP23517
Initial Calibration Stds	PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683
CCC	PP23686,PP23690,PP23695
Internal Standard/PEM	
ICV/I.BLK	PP23687,PP23693,PP23698
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PL092651.D	28 Oct 2024 13:41		AR\AJ	Ok
2	I.BLK	I.BLK	PL092652.D	28 Oct 2024 13:55		AR\AJ	Ok
3	PEM	PEM	PL092653.D	28 Oct 2024 14:16		AR\AJ	Ok,M
4	RESCHK	RESCHK	PL092654.D	28 Oct 2024 14:29		AR\AJ	Ok
5	PSTDICC100	PSTDICC100	PL092655.D	28 Oct 2024 14:43		AR\AJ	Ok
6	PSTDICC075	PSTDICC075	PL092656.D	28 Oct 2024 14:56		AR\AJ	Ok
7	PSTDICC050	PSTDICC050	PL092657.D	28 Oct 2024 15:09		AR\AJ	Ok
8	PSTDICC025	PSTDICC025	PL092658.D	28 Oct 2024 15:23		AR\AJ	Ok
9	PSTDICC005	PSTDICC005	PL092659.D	28 Oct 2024 15:36		AR\AJ	Ok,M
10	PCHLORICC1000	PCHLORICC1000	PL092660.D	28 Oct 2024 15:49		AR\AJ	Ok
11	PCHLORICC750	PCHLORICC750	PL092661.D	28 Oct 2024 16:03		AR\AJ	Ok
12	PCHLORICC500	PCHLORICC500	PL092662.D	28 Oct 2024 16:16		AR\AJ	Ok
13	PCHLORICC250	PCHLORICC250	PL092663.D	28 Oct 2024 16:30		AR\AJ	Ok
14	PCHLORICC050	PCHLORICC050	PL092664.D	28 Oct 2024 16:43		AR\AJ	Ok
15	PTOXICC1000	PTOXICC1000	PL092665.D	28 Oct 2024 16:56		AR\AJ	Ok
16	PTOXICC750	PTOXICC750	PL092666.D	28 Oct 2024 17:10		AR\AJ	Ok
17	PTOXICC500	PTOXICC500	PL092667.D	28 Oct 2024 17:23		AR\AJ	Ok
18	PTOXICC250	PTOXICC250	PL092668.D	28 Oct 2024 17:37		AR\AJ	Ok

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL102824

Review By	Abdul	Review On	10/29/2024 9:09:59 AM
Supervise By	Ankita	Supervise On	10/29/2024 10:02:30 AM
SubDirectory	PL102824	HP Acquire Method	HP Processing Method pl102824 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP23793,PP23517		
Initial Calibration Stds	PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683		
CCC	PP23686,PP23690,PP23695		
Internal Standard/PEM			
ICV/I.BLK	PP23687,PP23693,PP23698		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	PTOXICC100	PTOXICC100	PL092669.D	28 Oct 2024 17:50		AR\AJ	Ok,M
20	PSTDICV050	ICVPL102824	PL092670.D	28 Oct 2024 18:03		AR\AJ	Ok
21	PCHLORICV500	ICVPL102824CHLOR	PL092671.D	28 Oct 2024 18:30		AR\AJ	Ok
22	PTOXICV500	ICVPL102824TOX	PL092672.D	28 Oct 2024 18:57		AR\AJ	Ok
23	I.BLK	I.BLK	PL092673.D	28 Oct 2024 19:24		AR\AJ	Ok
24	PEM	PEM	PL092674.D	28 Oct 2024 19:37		AR\AJ	Ok,M
25	PSTDCCC050	PSTDCCC050	PL092675.D	28 Oct 2024 19:51		AR\AJ	Ok,M
26	PB164460BL	PB164460BL	PL092676.D	28 Oct 2024 20:04		AR\AJ	Ok,M
27	PB164460BS	PB164460BS	PL092677.D	28 Oct 2024 20:17		AR\AJ	Ok,M
28	P4575-01	PL-02-102424	PL092678.D	28 Oct 2024 20:31		AR\AJ	Ok,M
29	P4566-01	HD-01-102524	PL092679.D	28 Oct 2024 20:44		AR\AJ	Ok,M
30	P4567-01	WC-1	PL092680.D	28 Oct 2024 20:57		AR\AJ	Ok,M
31	P4567-05	WC-2	PL092681.D	28 Oct 2024 21:11		AR\AJ	Ok
32	P4567-09	WC-3	PL092682.D	28 Oct 2024 21:24		AR\AJ	Ok,M
33	P4574-01	GRAVEL-1	PL092683.D	28 Oct 2024 21:38		AR\AJ	Ok,M
34	P4574-04	GRAVEL-2	PL092684.D	28 Oct 2024 21:51		AR\AJ	Ok,M
35	P4577-01	TR-05-102524	PL092685.D	28 Oct 2024 22:04		AR\AJ	Ok,M
36	P4561-01	BP-F-19	PL092686.D	28 Oct 2024 22:18		AR\AJ	Ok,M
37	P4561-01MS	BP-F-19MS	PL092687.D	28 Oct 2024 22:31		AR\AJ	Ok,M

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL102824

Review By	Abdul	Review On	10/29/2024 9:09:59 AM
Supervise By	Ankita	Supervise On	10/29/2024 10:02:30 AM
SubDirectory	PL102824	HP Acquire Method	HP Processing Method pl102824 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP23793,PP23517		
Initial Calibration Stds	PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683		
CCC	PP23686,PP23690,PP23695		
Internal Standard/PEM			
ICV/I.BLK	PP23687,PP23693,PP23698		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

38	P4561-01MSD	BP-F-19MSD	PL092688.D	28 Oct 2024 22:44		AR\AJ	Ok,M
39	P4561-05	BP-F-18	PL092689.D	28 Oct 2024 22:58		AR\AJ	Ok,M
40	I.BLK	I.BLK	PL092690.D	28 Oct 2024 23:11		AR\AJ	Ok,M
41	PSTDCCC050	PSTDCCC050	PL092691.D	29 Oct 2024 00:32		AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL111824

Review By	yogesh	Review On	11/19/2024 9:13:18 AM
Supervise By	Ankita	Supervise On	11/19/2024 4:48:08 PM
SubDirectory	PL111824	HP Acquire Method	HP Processing Method PL102824

STD. NAME	STD REF.#
Tune/Reschk	PP23793,PP23517
Initial Calibration Stds	PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683
CCC	PP23686,PP23690,PP23695
Internal Standard/PEM	
ICV/I.BLK	PP23687,PP23693,PP23698
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PL093097.D	18 Nov 2024 09:19		AR\AJ	Ok
2	I.BLK	I.BLK	PL093098.D	18 Nov 2024 09:32		AR\AJ	Ok
3	PEM	PEM	PL093099.D	18 Nov 2024 09:46		AR\AJ	Ok,M
4	PSTDCCC050	PSTDCCC050	PL093100.D	18 Nov 2024 09:59		AR\AJ	Ok
5	PB164992BL	PB164992BL	PL093101.D	18 Nov 2024 10:12		AR\AJ	Ok
6	P4848-01	TP-1	PL093102.D	18 Nov 2024 10:25		AR\AJ	Ok,M
7	PB165046BL	PB165046BL	PL093103.D	18 Nov 2024 11:33		AR\AJ	Not Ok
8	PB165046BS	PB165046BS	PL093104.D	18 Nov 2024 11:46	Comp#7 recovery fail	AR\AJ	Not Ok
9	P4860-01	DUP-01	PL093105.D	18 Nov 2024 12:00	need clean up	AR\AJ	Not Ok
10	P4860-02	PH2-BOT-001	PL093106.D	18 Nov 2024 12:13	need clean up	AR\AJ	Not Ok
11	P4860-03	PH2-BOT-002	PL093107.D	18 Nov 2024 12:26		AR\AJ	Ok,M
12	P4860-04	PH2-BOT-003	PL093108.D	18 Nov 2024 12:39		AR\AJ	Ok,M
13	P4860-05	PH2-BOT-004	PL093109.D	18 Nov 2024 12:52		AR\AJ	Ok,M
14	I.BLK	I.BLK	PL093110.D	18 Nov 2024 13:05		AR\AJ	Ok
15	PEM	PEM	PL093111.D	18 Nov 2024 13:19		AR\AJ	Ok,M
16	PSTDCCC050	PSTDCCC050	PL093112.D	18 Nov 2024 13:32		AR\AJ	Ok
17	P4860-06	PH2-BOT-009	PL093113.D	18 Nov 2024 13:45		AR\AJ	Ok,M
18	P4860-07	PH2-BOT-008	PL093114.D	18 Nov 2024 13:58	associated CCC has DDD high	AR\AJ	Not Ok

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL111824

Review By	yogesh	Review On	11/19/2024 9:13:18 AM
Supervise By	Ankita	Supervise On	11/19/2024 4:48:08 PM
SubDirectory	PL111824	HP Acquire Method	HP Processing Method PL102824
STD. NAME	STD REF.#		
Tune/Reschk	PP23793,PP23517		
Initial Calibration Stds	PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683		
CCC	PP23686,PP23690,PP23695		
Internal Standard/PEM			
ICV/I.BLK	PP23687,PP23693,PP23698		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	P4860-08	PH2-BOT-007	PL093115.D	18 Nov 2024 14:11	associated CCC has DDD high	AR\AJ	Not Ok
20	P4860-08MS	PH2-BOT-007MS	PL093116.D	18 Nov 2024 14:24	associated CCC has DDD high	AR\AJ	Not Ok
21	P4860-08MSD	PH2-BOT-007MSD	PL093117.D	18 Nov 2024 14:38	associated CCC has DDD high	AR\AJ	Not Ok
22	P4860-09	PH2-BOT-006	PL093118.D	18 Nov 2024 14:51	need clean up	AR\AJ	Not Ok
23	P4860-10	PH2-BOT-005	PL093119.D	18 Nov 2024 15:04	need clean up	AR\AJ	Not Ok
24	P4869-01	EO-02-11152024	PL093120.D	18 Nov 2024 15:17		AR\AJ	Ok,M
25	P4887-01	MH-739	PL093121.D	18 Nov 2024 15:30		AR\AJ	Ok,M
26	P4887-05	MH-760	PL093122.D	18 Nov 2024 15:43		AR\AJ	Ok,M
27	P4889-01	VNJ-228	PL093123.D	18 Nov 2024 15:56	Need dilution	AR\AJ	Dilution
28	P4889-03	#72-11978	PL093124.D	18 Nov 2024 16:10		AR\AJ	Ok,M
29	P4889-05	#72-11930	PL093125.D	18 Nov 2024 16:23	Need dilution- associated CCC has DDD high	AR\AJ	Not Ok
30	PB165053BL	PB165053BL	PL093126.D	18 Nov 2024 16:36		AR\AJ	Ok
31	PB165053BS	PB165053BS	PL093127.D	18 Nov 2024 16:49		AR\AJ	Ok,M
32	PB165019TB	PB165019TB	PL093128.D	18 Nov 2024 17:02		AR\AJ	Ok
33	P4861-01	WC-11-A-202411	PL093129.D	18 Nov 2024 17:16		AR\AJ	Ok
34	P4861-01MS	WC-11-A-202411MS	PL093130.D	18 Nov 2024 17:29		AR\AJ	Ok,M
35	P4861-01MSD	WC-11-A-202411MSD	PL093131.D	18 Nov 2024 17:42		AR\AJ	Ok,M
36	P4871-01	WC-10-A-202411	PL093132.D	18 Nov 2024 17:55		AR\AJ	Ok
37	I.BLK	I.BLK	PL093133.D	18 Nov 2024 18:08		AR\AJ	Ok

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL111824

Review By	yogesh	Review On	11/19/2024 9:13:18 AM
Supervise By	Ankita	Supervise On	11/19/2024 4:48:08 PM
SubDirectory	PL111824	HP Acquire Method	HP Processing Method PL102824

STD. NAME	STD REF.#
Tune/Reschk	PP23793,PP23517
Initial Calibration Stds	PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683
CCC	PP23686,PP23690,PP23695
Internal Standard/PEM	
ICV/I.BLK	PP23687,PP23693,PP23698
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	PSTDCCC050	PSTDCCC050	PL093134.D	18 Nov 2024 18:21		ARIAJ	Ok
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M : Manual Integration

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL111924

Review By	yogesh	Review On	11/20/2024 8:00:21 AM
Supervise By	Ankita	Supervise On	11/20/2024 12:01:41 PM
SubDirectory	PL111924	HP Acquire Method	HP Processing Method PL102824

STD. NAME	STD REF.#
Tune/Reschk	PP23793,PP23517
Initial Calibration Stds	PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683
CCC	PP23686,PP23690,PP23695
Internal Standard/PEM	
ICV/I.BLK	PP23687,PP23693,PP23698
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PL093135.D	19 Nov 2024 12:18		AR\AJ	Ok
2	I.BLK	I.BLK	PL093136.D	19 Nov 2024 12:44		AR\AJ	Ok
3	PEM	PEM	PL093137.D	19 Nov 2024 12:57		AR\AJ	Ok,M
4	PSTDCCC050	PSTDCCC050	PL093138.D	19 Nov 2024 13:25		AR\AJ	Ok,M
5	PB165046BS	PB165046BS	PL093139.D	19 Nov 2024 13:52		AR\AJ	Ok,M
6	PB165046BL	PB165046BL	PL093140.D	19 Nov 2024 14:05		AR\AJ	Ok
7	P4860-01	DUP-01	PL093141.D	19 Nov 2024 14:18		AR\AJ	Ok,M
8	P4860-02	PH2-BOT-001	PL093142.D	19 Nov 2024 14:31		AR\AJ	Ok,M
9	P4860-09	PH2-BOT-006	PL093143.D	19 Nov 2024 14:44		AR\AJ	Ok,M
10	P4860-10	PH2-BOT-005	PL093144.D	19 Nov 2024 14:57		AR\AJ	Ok,M
11	P4860-07	PH2-BOT-008	PL093145.D	19 Nov 2024 15:11		AR\AJ	Ok,M
12	P4860-08	PH2-BOT-007	PL093146.D	19 Nov 2024 15:24		AR\AJ	Ok,M
13	P4860-08MS	PH2-BOT-007MS	PL093147.D	19 Nov 2024 15:37		AR\AJ	Ok,M
14	P4860-08MSD	PH2-BOT-007MSD	PL093148.D	19 Nov 2024 15:50		AR\AJ	Ok,M
15	P4889-01DL	VNJ-228DL	PL093149.D	19 Nov 2024 16:03		AR\AJ	Ok,NR
16	P4889-05	#72-11930	PL093150.D	19 Nov 2024 16:16	Need 2x Dilution	AR\AJ	Dilution
17	P4889-05DL	#72-11930DL	PL093151.D	19 Nov 2024 16:30		AR\AJ	Ok,M
18	I.BLK	I.BLK	PL093152.D	19 Nov 2024 16:43		AR\AJ	Ok

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL111924

Review By	yogesh	Review On	11/20/2024 8:00:21 AM
Supervise By	Ankita	Supervise On	11/20/2024 12:01:41 PM
SubDirectory	PL111924	HP Acquire Method	HP Processing Method PL102824
STD. NAME	STD REF.#		
Tune/Reschk	PP23793,PP23517		
Initial Calibration Stds	PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683		
CCC	PP23686,PP23690,PP23695		
Internal Standard/PEM			
ICV/I.BLK	PP23687,PP23693,PP23698		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	PSTDCCC050	PSTDCCC050	PL093153.D	19 Nov 2024 16:56		AR\AJ	Ok,M
20	PB165083BL	PB165083BL	PL093154.D	19 Nov 2024 17:22		AR\AJ	Ok
21	PB165083BS	PB165083BS	PL093155.D	19 Nov 2024 17:36	Recovery Fail in delta-BHC-I	AR\AJ	Not Ok
22	P4893-01	MH-763	PL093156.D	19 Nov 2024 17:49		AR\AJ	Ok,M
23	P4893-05	MH-762	PL093157.D	19 Nov 2024 18:02	need cleanup	AR\AJ	Not Ok
24	P4908-01	SP-1	PL093158.D	19 Nov 2024 18:15		AR\AJ	Ok,M
25	P4908-03	SP-2	PL093159.D	19 Nov 2024 18:28		AR\AJ	Ok,M
26	P4909-01	BU-02-111824	PL093160.D	19 Nov 2024 18:41		AR\AJ	Ok,M
27	P4910-01	MH-COTTAGE	PL093161.D	19 Nov 2024 18:55		AR\AJ	Ok,M
28	P4910-01MS	MH-COTTAGEMS	PL093162.D	19 Nov 2024 19:08		AR\AJ	Ok,M
29	P4910-01MSD	MH-COTTAGEMSD	PL093163.D	19 Nov 2024 19:21		AR\AJ	Ok,M
30	P4910-05	MH-759	PL093164.D	19 Nov 2024 19:34		AR\AJ	Ok
31	I.BLK	I.BLK	PL093165.D	19 Nov 2024 19:48		AR\AJ	Ok
32	PSTDCCC050	PSTDCCC050	PL093166.D	19 Nov 2024 20:01		AR\AJ	Ok,M

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 11/18/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 11/15/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:22
Out Date: 11/16/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB133466

Lab ID	Client SampleID	Dish #	Dish Wt (g) (A)	Sample Wt (g)	Dish + Sample Wt (g) (B)	Dish+Dry Sample Wt (g) (C)	% Solid	Comments
P4851-01	OK-02-11142024	1	1.15	8.40	9.55	9.06	94.2	
P4851-02	OK-02-11142024-E2	2	1.16	8.50	9.66	9.32	96.0	
P4860-01	DUP-01	15	1.15	8.38	9.53	9.26	96.8	
P4860-02	PH2-BPT-001	16	1.18	8.50	9.68	9.41	96.8	
P4860-03	PH2-BPT-002	17	1.16	8.47	9.63	9.34	96.6	
P4860-04	PH2-BPT-003	18	1.15	8.49	9.64	9.45	97.8	
P4860-05	PH2-BPT-004	19	1.16	8.78	9.94	9.77	98.1	
P4860-06	PH2-BPT-009	20	1.19	8.59	9.78	9.63	98.3	
P4860-07	PH2-BPT-008	21	1.16	8.48	9.64	9.37	96.8	
P4860-08	PH2-BPT-007	22	1.16	8.48	9.64	9.47	98.0	
P4860-09	PH2-BPT-006	23	1.15	8.81	9.96	9.74	97.5	
P4860-10	PH2-BPT-005	24	1.13	8.85	9.98	9.77	97.6	
P4862-01	Y2404-0033-END-1-1	45	1.00	1.00	2.00	2.00	100.0	oilc
P4862-02	Y2404-0033-END-1-2	46	1.00	1.00	2.00	2.00	100.0	oilc
P4862-03	Y2404-END-1-1	47	1.00	1.00	2.00	2.00	100.0	oilc
P4862-04	Y2404-END-1-2	48	1.00	1.00	2.00	2.00	100.0	oilc
P4862-05	KMH4671-END-1-1	49	1.00	1.00	2.00	2.00	100.0	oilc
P4862-06	KMH4671-END-1-2	50	1.00	1.00	2.00	2.00	100.0	oilc
P4862-07	W029060-END-1-1	51	1.00	1.00	2.00	2.00	100.0	oilc
P4862-08	W029060-END-1-2	52	1.00	1.00	2.00	2.00	100.0	oilc
P4865-01	02-9042-1-1	41	1.00	1.00	2.00	2.00	100.0	oilc
P4865-02	02-9042-1-2	42	1.00	1.00	2.00	2.00	100.0	oilc
P4865-03	BC271303-1-1	43	1.00	1.00	2.00	2.00	100.0	oilc
P4865-04	BC271303-1-2	44	1.00	1.00	2.00	2.00	100.0	oilc
P4869-01	EO-02-11152024	53	1.16	8.50	9.66	8.89	90.9	
P4869-02	EO-02-11152024-E2	54	1.18	8.52	9.7	9.1	93.0	
P4870-01	TP-1	3	1.14	8.69	9.83	8.9	89.3	
P4870-02	TP-1-EPH	4	1.15	8.45	9.6	8.61	88.3	



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 11/18/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 11/15/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:22
Out Date: 11/16/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB133466

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
P4870-03	TP-1-VOC	5	1.12	8.75	9.87	8.84	88.2	
P4870-04	MH-735	6	1.18	8.59	9.77	8.84	89.2	
P4870-05	MH-735-EPH	7	1.18	8.42	9.6	8.68	89.1	
P4870-06	MH-735-VOC	8	1.18	8.47	9.65	8.71	88.9	
P4870-07	MH-736	9	1.19	8.63	9.82	8.85	88.8	
P4870-08	MH-736-EPH	10	1.12	8.66	9.78	8.92	90.1	
P4870-09	MH-736-VOC	11	1.16	8.80	9.96	9.1	90.2	
P4870-10	TP-15	12	1.18	8.73	9.91	8.77	86.9	
P4870-11	TP-15-EPH	13	1.19	8.71	9.9	8.73	86.6	
P4870-12	TP-15-VOC	14	1.18	8.42	9.6	8.54	87.4	
P4886-05	SVOC-GPC-BLANK	25	1.00	1.00	2.00	2.00	100.0	
P4886-06	PEST-GPC-BLANK	26	1.00	1.00	2.00	2.00	100.0	
P4886-07	PEST-GPC-BLANK-SPIKE	27	1.00	1.00	2.00	2.00	100.0	
P4886-08	PCB-GPC-BLANK	28	1.00	1.00	2.00	2.00	100.0	
P4886-09	PCB-GPC-BLANK-SPIKE	29	1.00	1.00	2.00	2.00	100.0	
P4886-10	SVOC-GPC2-BLANK	30	1.00	1.00	2.00	2.00	100.0	
P4886-11	PEST-GPC2-BLANK	31	1.00	1.00	2.00	2.00	100.0	
P4886-12	PEST-GPC2-BLANK-SPIKE	32	1.00	1.00	2.00	2.00	100.0	
P4886-13	PCB-GPC2-BLANK	33	1.00	1.00	2.00	2.00	100.0	
P4886-14	PCB-GPC2-BLANK-SPIKE	34	1.00	1.00	2.00	2.00	100.0	
P4887-01	MH-739	35	1.15	8.83	9.98	9.2	91.2	
P4887-03	MH-739-EPH	36	1.17	8.60	9.77	8.94	90.3	
P4887-04	MH-739-VOC	37	1.12	8.68	9.8	8.62	86.4	
P4887-05	MH-760	38	1.15	8.40	9.55	8.56	88.2	
P4887-07	MH-760-EPH	39	1.15	8.83	9.98	9.14	90.5	
P4887-08	MH-760-VOC	40	1.14	8.81	9.95	9.4	93.8	
P4889-01	VNJ-228	55	1.17	8.55	9.72	8.96	91.1	
P4889-02	VNJ-228-VOC	56	1.15	8.72	9.87	8.87	88.5	



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 11/18/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 11/15/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:22
Out Date: 11/16/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB133466

Lab ID	Client SampleID	Dish #	Dish Wt (g) (A)	Sample Wt (g)	Dish + Sample Wt (g) (B)	Dish+Dry Sample Wt (g) (C)	% Solid	Comments
P4889-03	#72-11978	57	1.18	8.63	9.81	9.14	92.2	
P4889-04	#72-11978-VOC	58	1.13	8.76	9.89	9.41	94.5	
P4889-05	#72-11930	59	1.14	8.84	9.98	9.4	93.4	
P4889-06	#72-11930-VOC	60	1.14	8.84	9.98	9.52	94.8	

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

WORKLIST(Hardcopy Internal Chain)

133466

WorkList Name : %1-111524

WorkList ID : 185446

Department : Wet-Chemistry

Date : 11-15-2024 07:57:13

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4851-01	OK-02-11142024	Solid	Percent Solids	Cool 4 deg C	PSEG05	L41	11/14/2024	Chemtech -SO
P4851-02	OK-02-11142024-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	L41	11/14/2024	Chemtech -SO
P4860-01	DUP-01	Solid	Percent Solids	Cool 4 deg C	CORN02	L41	11/14/2024	Chemtech -SO
P4860-02	PH2-BPT-001	Solid	Percent Solids	Cool 4 deg C	CORN02	L41	11/14/2024	Chemtech -SO
P4860-03	PH2-BPT-002	Solid	Percent Solids	Cool 4 deg C	CORN02	L41	11/14/2024	Chemtech -SO
P4860-04	PH2-BPT-003	Solid	Percent Solids	Cool 4 deg C	CORN02	L41	11/14/2024	Chemtech -SO
P4860-05	PH2-BPT-004	Solid	Percent Solids	Cool 4 deg C	CORN02	L41	11/14/2024	Chemtech -SO
P4860-06	PH2-BPT-009	Solid	Percent Solids	Cool 4 deg C	CORN02	L41	11/14/2024	Chemtech -SO
P4860-07	PH2-BPT-008	Solid	Percent Solids	Cool 4 deg C	CORN02	L41	11/14/2024	Chemtech -SO
P4860-08	PH2-BPT-007	Solid	Percent Solids	Cool 4 deg C	CORN02	L41	11/14/2024	Chemtech -SO
P4860-09	PH2-BPT-006	Solid	Percent Solids	Cool 4 deg C	CORN02	L41	11/14/2024	Chemtech -SO
P4860-10	PH2-BPT-005	Solid	Percent Solids	Cool 4 deg C	CORN02	L41	11/14/2024	Chemtech -SO
P4862-01	Y2404-0033-END-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	M11	11/15/2024	Chemtech -SO
P4862-02	Y2404-0033-END-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	M11	11/15/2024	Chemtech -SO
P4862-03	Y2404-END-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	M11	11/15/2024	Chemtech -SO
P4862-04	Y2404-END-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	M11	11/15/2024	Chemtech -SO
P4862-05	KMH4671-END-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	M11	11/15/2024	Chemtech -SO
P4862-06	KMH4671-END-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	M11	11/15/2024	Chemtech -SO
P4862-07	W029060-END-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	M11	11/15/2024	Chemtech -SO
P4862-08	W029060-END-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	M11	11/15/2024	Chemtech -SO
P4865-01	02-9042-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	M11	11/15/2024	Chemtech -SO

Date/Time 11-15-24 15:35

Raw Sample Received by: 80 wlf

Raw Sample Relinquished by: F.C. Jones

Date/Time 11-15-24

Raw Sample Received by: J.C. Jones

Raw Sample Relinquished by: 80 wlf

WORKLIST(Hardcopy Internal Chain)

1333466

WorkList Name : %1-111524

WorkList ID : 185446

Department : Wet-Chemistry

Date : 11-15-2024 07:57:13

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4865-02	02-9042-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	M11	11/15/2024	Chemtech -SO
P4865-03	BC271303-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	M11	11/15/2024	Chemtech -SO
P4865-04	BC271303-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	M11	11/15/2024	Chemtech -SO
P4869-01	EO-02-11152024	Solid	Percent Solids	Cool 4 deg C	PSEG05	M11	11/15/2024	Chemtech -SO
P4869-02	EO-02-11152024-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	M11	11/15/2024	Chemtech -SO
P4870-01	TP-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	M11	11/14/2024	Chemtech -SO
P4870-02	TP-1-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	M11	11/14/2024	Chemtech -SO
P4870-03	TP-1-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	M11	11/14/2024	Chemtech -SO
P4870-04	MH-735	Solid	Percent Solids	Cool 4 deg C	PSEG03	M11	11/14/2024	Chemtech -SO
P4870-05	MH-735-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	M11	11/14/2024	Chemtech -SO
P4870-06	MH-735-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	M11	11/14/2024	Chemtech -SO
P4870-07	MH-736	Solid	Percent Solids	Cool 4 deg C	PSEG03	M11	11/14/2024	Chemtech -SO
P4870-08	MH-736-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	M11	11/14/2024	Chemtech -SO
P4870-09	MH-736-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	M11	11/14/2024	Chemtech -SO
P4870-10	TP-15	Solid	Percent Solids	Cool 4 deg C	PSEG03	M11	11/14/2024	Chemtech -SO
P4870-11	TP-15-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	M11	11/14/2024	Chemtech -SO
P4870-12	TP-15-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	M11	11/14/2024	Chemtech -SO
P4886-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	M11	11/15/2024	Chemtech -SO
P4886-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	M11	11/15/2024	Chemtech -SO
P4886-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	M11	11/15/2024	Chemtech -SO
P4886-08	PCB-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	M11	11/15/2024	Chemtech -SO

Date/Time 11-15-24 15:35
 Raw Sample Received by: SO WPC
 Raw Sample Relinquished by: SO WPC
 Date/Time 11-15-24 17:20
 Raw Sample Received by: Z. C. (my)
 Raw Sample Relinquished by: SO WPC

WORKLIST(Hardcopy Internal Chain)

133466

WorkList Name : %1-111524

WorkList ID : 185446

Department : Wet-Chemistry

Date : 11-15-2024 07:57:13

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4886-09	PCB-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	M11	11/15/2024	Chemtech -SO
P4886-10	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	M11	11/15/2024	Chemtech -SO
P4886-11	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	M11	11/15/2024	Chemtech -SO
P4886-12	PEST-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	M11	11/15/2024	Chemtech -SO
P4886-13	PCB-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	M11	11/15/2024	Chemtech -SO
P4886-14	PCB-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	M11	11/15/2024	Chemtech -SO
P4887-01	MH-739	Solid	Percent Solids	Cool 4 deg C	PSEG03	M11	11/15/2024	Chemtech -SO
P4887-03	MH-739-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	M11	11/15/2024	Chemtech -SO
P4887-04	MH-739-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	M11	11/15/2024	Chemtech -SO
P4887-05	MH-760	Solid	Percent Solids	Cool 4 deg C	PSEG03	M11	11/15/2024	Chemtech -SO
P4887-07	MH-760-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	M11	11/15/2024	Chemtech -SO
P4887-08	MH-760-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	M11	11/15/2024	Chemtech -SO
P4889-01	VNJ-228	Solid	Percent Solids	Cool 4 deg C	PSEG03	M11	11/15/2024	Chemtech -SO
P4889-02	VNJ-228-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	M11	11/15/2024	Chemtech -SO
P4889-03	#72-11978	Solid	Percent Solids	Cool 4 deg C	PSEG03	M11	11/15/2024	Chemtech -SO
P4889-04	#72-11978-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	M11	11/15/2024	Chemtech -SO
P4889-05	#72-11930	Solid	Percent Solids	Cool 4 deg C	PSEG03	M11	11/15/2024	Chemtech -SO
P4889-06	#72-11930-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	M11	11/15/2024	Chemtech -SO

Date/Time 11-15-24 15:35

Raw Sample Received by: SO wey

Raw Sample Relinquished by: SO wey

Date/Time 11-15-24 17:30

Raw Sample Received by: SO wey

Raw Sample Relinquished by: SO wey

SOP ID: M3541-ASE Extraction-14

Clean Up SOP #: Florisil

Matrix : Solid

Weigh By: RJ **Extraction By:** RJ

Balance check: RJ **Filter By:** RJ

Balance ID: EX-SC-2 **pH Meter ID:** N/A

pH Strip Lot#: N/A **Hood ID:** 3,7

Extraction Method: ☐ Separatory Funnel ☐ Continuous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☒ Soxhlet

Extraction Start Date : 11/18/2024

Extraction Start Time : 08:20

Extraction End Date : 11/18/2024

Extraction End Time : 11:20

Concentration By: EH

Supervisor By : rajesh

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	500 PPB	PP23928
Surrogate	1.0ML	200 PPB	PP23858
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Hexane/Acetone/1:1	N/A	EP2561
Baked Na2SO4	N/A	EP2562
Sand	N/A	E2865
Hexane	N/A	E3826
Florisil	N/A	E3806
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40 ML Vial lot# 03-40 BTS721.

KD Bath ID: N/A **Envap ID:** NEVAP-02

KD Bath Temperature: N/A **Envap Temperature:** 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/18/24	RP (Set Log)	AJL RST PCA Cech
11:25	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 11/18/2024

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB165046BL	PBLK046	Pesticide-TCL	30.01	N/A	ritesh	Evelyn	10			U7-1
PB165046BS	PLCS046	Pesticide-TCL	30.03	N/A	ritesh	Evelyn	10			2
P4860-01	DUP-01	Pesticide-TCL	30.05	N/A	ritesh	Evelyn	10	E		3
P4860-02	PH2-BPT-001	Pesticide-TCL	30.06	N/A	ritesh	Evelyn	10	E		4
P4860-03	PH2-BPT-002	Pesticide-TCL	30.08	N/A	ritesh	Evelyn	10	E		5
P4860-04	PH2-BPT-003	Pesticide-TCL	30.10	N/A	ritesh	Evelyn	10	E		6
P4860-05	PH2-BPT-004	Pesticide-TCL	30.03	N/A	ritesh	Evelyn	10	E		U1-1
P4860-06	PH2-BPT-009	Pesticide-TCL	30.07	N/A	ritesh	Evelyn	10	E		2
P4860-07	PH2-BPT-008	Pesticide-TCL	30.06	N/A	ritesh	Evelyn	10	E		3
P4860-08	PH2-BPT-007	Pesticide-TCL	30.01	N/A	ritesh	Evelyn	10	E		4
P4860-08MS	PH2-BPT-007MS	Pesticide-TCL	30.02	N/A	ritesh	Evelyn	10	E		5
P4860-08MS D	PH2-BPT-007MSD	Pesticide-TCL	30.05	N/A	ritesh	Evelyn	10	E		6
P4860-09	PH2-BPT-006	Pesticide-TCL	30.04	N/A	ritesh	Evelyn	10	E		U5-1
P4860-10	PH2-BPT-005	Pesticide-TCL	30.06	N/A	ritesh	Evelyn	10	E		2
P4869-01	EO-02-11152024	Pesticide-TCL	30.03	N/A	ritesh	Evelyn	10	E		3
P4887-01	MH-739	Pesticide-TCL	30.07	N/A	ritesh	Evelyn	10	D		4
P4887-05	MH-760	Pesticide-TCL	30.02	N/A	ritesh	Evelyn	10	D		5
P4889-01	VNJ-228	Pesticide-TCL	30.05	N/A	ritesh	Evelyn	10	E		6
P4889-03	#72-11978	Pesticide-TCL	30.09	N/A	ritesh	Evelyn	10	E		U6-1
P4889-05	#72-11930	Pesticide-TCL	30.04	N/A	ritesh	Evelyn	10	E		2

* Extracts relinquished on the same date as received.



WORKLIST(Hardcopy Internal Chain)

WorkList Name : p4869

WorkList ID : 185508

Department : Extraction

Date : 11-18-2024 08:13:33

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4860-01	DUP-01	Solid	Pesticide-TCL	Cool 4 deg C	CORN02	L41	11/14/2024	8081B
P4860-02	PH2-BPT-001	Solid	Pesticide-TCL	Cool 4 deg C	CORN02	L41	11/14/2024	8081B
P4860-03	PH2-BPT-002	Solid	Pesticide-TCL	Cool 4 deg C	CORN02	L41	11/14/2024	8081B
P4860-04	PH2-BPT-003	Solid	Pesticide-TCL	Cool 4 deg C	CORN02	L41	11/14/2024	8081B
P4860-05	PH2-BPT-004	Solid	Pesticide-TCL	Cool 4 deg C	CORN02	L41	11/14/2024	8081B
P4860-06	PH2-BPT-009	Solid	Pesticide-TCL	Cool 4 deg C	CORN02	L41	11/14/2024	8081B
P4860-07	PH2-BPT-008	Solid	Pesticide-TCL	Cool 4 deg C	CORN02	L41	11/14/2024	8081B
P4860-08	PH2-BPT-007	Solid	Pesticide-TCL	Cool 4 deg C	CORN02	L41	11/14/2024	8081B
P4860-09	PH2-BPT-006	Solid	Pesticide-TCL	Cool 4 deg C	CORN02	L41	11/14/2024	8081B
P4860-10	PH2-BPT-005	Solid	Pesticide-TCL	Cool 4 deg C	CORN02	L41	11/14/2024	8081B
P4869-01	EO-02-11152024	Solid	Pesticide-TCL	Cool 4 deg C	PSEG05	M11	11/15/2024	8081B
P4887-01	MH-739	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	M11	11/15/2024	8081B
P4887-05	MH-760	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	M11	11/15/2024	8081B
P4889-01	VNJ-228	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	M11	11/15/2024	8081B
P4889-03	#72-11978	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	M11	11/15/2024	8081B
P4889-05	#72-11930	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	M11	11/15/2024	8081B

Date/Time

11/18/24 8:15

Raw Sample Received by:

RJ (for 164)

Raw Sample Relinquished by:

RJ (for 164)

Date/Time

11/18/24 8:15

Raw Sample Received by:

RJ (for 164)

Raw Sample Relinquished by:

RJ (for 164)

Prep Standard - Chemical Standard Summary

Order ID : P4860

Test : Pesticide-TCL

Prepbatch ID : PB165046,

Sequence ID/Qc Batch ID: pl111824,PL111924,

Standard ID :

EP2561,EP2562,PP23517,PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683,PP23686,PP23687,PP23690,PP23693,PP23695,PP23698,PP23733,PP23793,PP23858,PP23928,

Chemical ID :

E2865,E3551,E3770,E3792,E3805,E3806,E3815,E3818,E3826,E3827,P11146,P11896,P13036,P13039,P13244,P13349,P13350,P13351,P13359,P13402,

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>
230	1:1ACETONE/HEXANE	EP2561	11/14/2024	05/08/2025	Rajesh Parikh	None	None	RUPESHKUMAR SHAH 11/14/2024

FROM 8000.00000ml of E3826 + 8000.00000ml of E3827 = Final Quantity: 8000.000 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	EP2562	11/14/2024	01/03/2025	Rajesh Parikh	Extraction_SC ALE_2 (EX-SC-2)	None	RUPESHKUMAR SHAH 11/14/2024

FROM 4000.00000gram of E3551 = 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	PP23517	07/12/2024	01/12/2025	Abdul Mirza	None	None	Ankita Jodhani
07/16/2024								

FROM 1.00000ml of E3770 + 99.00000ml of P13244 = 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>
84	Pest/PCB Surrogate Stock 20 PPM	PP23673	09/21/2024	03/11/2025	Abdul Mirza	None	None	Ankita Jodhani
10/01/2024								

FROM 1.00000ml of P13349 + 9.00000ml of E3792 = 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>
3629	20 PPM PEST stock Solution 1st source(RESTEK)	PP23674	09/21/2024	03/11/2025	Abdul Mirza	None	None	Ankita Jodhani
								10/01/2024

FROM 1.00000ml of P13036 + 9.00000ml of E3792 = 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>
1472	20 PPM Pest Stock Solution 2nd Source	PP23675	09/21/2024	03/11/2025	Abdul Mirza	None	None	Ankita Jodhani
								10/01/2024

FROM 1.00000ml of P13039 + 9.00000ml of E3792 = 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)	PP23676	09/21/2024	03/11/2025	Abdul Mirza	None	None	Ankita Jodhani 10/01/2024
<u>FROM</u> 0.20000ml of P11146 + 9.80000ml of E3792 = 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>
3663	20 PPM MIREX Stock STD (Secondary source)	PP23677	09/21/2024	03/11/2025	Abdul Mirza	None	None	Ankita Jodhani 10/01/2024
<u>FROM</u> 0.20000ml of P11146 + 9.80000ml of E3792 = Final Quantity: 10.000 ml								

[illegible]

<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	PP23679	09/21/2024	03/11/2025	Abdul Mirza	None	None	Ankita Jodhani 10/01/2024
<u>FROM</u> 98.50000ml of E3792 + 0.50000ml of PP23673 + 0.50000ml of PP23675 + 0.50000ml of PP23677 = 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)	PP23680	09/21/2024	03/11/2025	Abdul Mirza	None	None	Ankita Jodhani
								10/01/2024

FROM 0.10000ml of P11896 + 99.40000ml of E3792 + 0.50000ml of PP23673 = 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	PP23681	09/21/2024	03/11/2025	Abdul Mirza	None	None	Ankita Jodhani
								10/01/2024

FROM 0.10000ml of P11896 + 99.40000ml of E3792 + 0.50000ml of PP23673 = 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)	PP23682	09/21/2024	03/11/2025	Abdul Mirza	None	None	Ankita Jodhani
								10/01/2024

FROM 0.10000ml of P13359 + 99.40000ml of E3792 + 0.50000ml of PP23673 = 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)	PP23683	09/21/2024	03/11/2025	Abdul Mirza	None	None	Ankita Jodhani
								10/01/2024

FROM 0.10000ml of P13402 + 99.40000ml of E3792 + 0.50000ml of PP23673 = 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>
3632	50 PPB ICAL PEST STD(RESTEK)	PP23686	09/21/2024	03/11/2025	Abdul Mirza	None	None	Ankita Jodhani
								10/01/2024

FROM 0.50000ml of E3792 + 0.50000ml of PP23678 = 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>
3988	50 PPB PEST ICV STD(RESTEK)	PP23687	09/21/2024	03/11/2025	Abdul Mirza	None	None	Ankita Jodhani
								10/01/2024

FROM 0.50000ml of E3792 + 0.50000ml of PP23679 = 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	PP23690	09/21/2024	03/11/2025	Abdul Mirza	None	None	Ankita Jodhani
								10/01/2024

FROM 0.50000ml of E3792 + 0.50000ml of PP23680 = 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	PP23693	09/21/2024	03/11/2025	Abdul Mirza	None	None	Ankita Jodhani
								10/01/2024

FROM 0.50000ml of E3792 + 0.50000ml of PP23681 = 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>
534	TOX 500 PPB STD	PP23695	09/21/2024	03/11/2025	Abdul Mirza	None	None	Ankita Jodhani
								10/01/2024

FROM 0.50000ml of E3792 + 0.50000ml of PP23682 = 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>
3670	TOX 500 PPB ICV std (RESTEK)	PP23698	09/21/2024	03/11/2025	Abdul Mirza	None	None	Ankita Jodhani
								10/01/2024

FROM 0.50000ml of E3792 + 0.50000ml of PP23683 = 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>
84	Pest/PCB Surrogate Stock 20 PPM	PP23733	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 1.00000ml of P13350 + 9.00000ml of E3805 = 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>
518	Pest/PCB I.BLK 20 PPB	PP23793	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 99.90000ml of E3805 + 0.10000ml of PP23733 = 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>
465	200 PPB Pest/PCB Surrogate Spike	PP23858	10/14/2024	04/04/2025	Abdul Mirza	None	None	Ankita Jodhani
								10/14/2024

FROM 1.00000ml of P13351 + 999.00000ml of E3815 = 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>
79	500 PPB Pesticide Spike Solution	PP23928	10/30/2024	03/11/2025	Abdul Mirza	None	None	Ankita Jodhani
								10/30/2024

FROM 95.00000ml of E3818 + 2.50000ml of PP23675 + 2.50000ml of PP23677 = 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 #
Seidler Chemical	BA-3382-05 / Sand, Purified (cs/4x2.5kg)	0000243821	12/31/2024	04/30/2020 / RAJESH	04/28/2020 / RAJESH	E2865

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	313201	01/03/2025	01/03/2024 / Rajesh	07/20/2023 / Rajesh	E3551

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)	24C1862008	05/09/2025	07/12/2024 / Rajesh	07/02/2024 / Rajesh	E3770

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)	24C1862008	03/11/2025	09/12/2024 / Rajesh	09/11/2024 / Rajesh	E3792

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)	24C1862008	03/30/2025	09/30/2024 / Rajesh	09/25/2024 / Rajesh	E3805

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agela Technologies Inc.	FS0006 / Cleanert Florisil cartridge	M06518	03/25/2025	10/01/2024 / Rajesh	09/25/2024 / Rajesh	E3806

CHEMICAL RECEIPT LOG BOOK

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	04/04/2025	10/04/2024 / Rajesh	10/04/2024 / Rajesh	E3815

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	04/23/2025	10/23/2024 / Rajesh	10/09/2024 / Rajesh	E3818

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)	24G1962003	05/09/2025	11/09/2024 / Rajesh	11/07/2024 / Rajesh	E3826

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	05/08/2025	11/08/2024 / Rajesh	11/07/2024 / Rajesh	E3827

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	79136 / Mirex, 1000 ug/ml	102821	03/21/2025	09/21/2024 / Abdul	10/29/2021 / Abdul	P11146

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32021 / Chlordane Std.	A0181737	03/21/2025	09/21/2024 / Abdul	06/17/2022 / Abdul	P11896

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	A0200423	03/21/2025	09/21/2024 / Abdul	12/26/2023 / Abdul	P13036

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	03/21/2025	09/21/2024 / Abdul	12/26/2023 / Abdul	P13039

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	01/12/2025	07/12/2024 / Abdul	02/09/2024 / Abdul	P13244

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	A0206810	03/21/2025	09/21/2024 / Abdul	04/22/2024 / Abdul	P13349

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	A0206810	04/03/2025	10/03/2024 / Ankita	04/22/2024 / Abdul	P13350

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	A0206810	04/14/2025	10/14/2024 / Abdul	04/22/2024 / Abdul	P13351

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32005 / Toxaphene Standard	A0203830	03/21/2025	09/21/2024 / Abdul	05/03/2024 / Abdul	P13359

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32005 / Toxaphene Standard	A0203038	03/21/2025	09/21/2024 / Abdul	05/15/2024 / Abdul	P13402

Sand
Purified
Washed and Ignited



Material No.: 3382-05
Batch No.: 0000243821
Manufactured Date: 2018/04/09
Retest Date: 2025/04/07
Revision No: 1

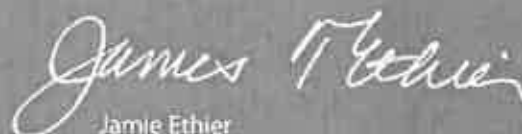
Certificate of Analysis

Test	Specification	Result
Substances Soluble in HCl	$\leq 0.16\%$	0.01

For Laboratory, Research or Manufacturing Use
Meets Reagent Specifications for testing USP/NF monographs

Country of Origin: US
Packaging Site: Paris Mfg Ctr & DC

E 2865


Jamie Ethier
Vice President Global Quality

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



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

MIRADOR 201, COL. MIRADOR
MONTERREY, N.L. MEXICO
CP 64070
TEL +52 81 13 52 57 57
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:	ABR/21/2023
LOT NUMBER :	313201		

TEST	SPECIFICATIONS	LOT VALUES
Assay (Na ₂ SO ₄)	Min. 99.0%	99.7 %
pH of a 5% solution at 25°C	5.2 - 9.2	6.1
Insoluble matter	Max. 0.01%	0.005 %
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%	0.002 %
Magnesium (Mg)	Max. 0.005%	0.001 %
Potassium (K)	Max. 0.008%	0.003 %
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%	0.1 %
Retained on US Standard No. 60 sieve	Min. 94%	97.3 %
Through US Standard No. 60 sieve	Max. 5%	2.5 %
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.

Recd. by R3 on 7/24/23 E 3551

RC-02-01, Ed. 3

Acetone

BAKER RESI-ANALYZED® Reagent

For Organic Residue Analysis

avantor™



Material No.: 9254-03

Batch No.: 23H1462005

Manufactured Date: 2023-07-26

Expiration Date: 2026-07-25

Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ((CH ₃) ₂ CO) (by GC, corrected for water)	≥ 99.4 %	99.7 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.3 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titration Acid (μeq/g)	≤ 0.3	0.1
Titration Base (μeq/g)	≤ 0.6	< 0.1
Water (H ₂ O)	≤ 0.5 %	0.3 %
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: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Recd. by RP on 7/21/24

E 3769

Ken Koehnlein
Sr. Manager, Quality Assurance

Hexanes (95% n-hexane)
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

Avantor™



Material No.: 9262-03
Batch No.: 24C1862008
Manufactured Date: 2024-01-30
Expiration Date: 2025-04-30
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 Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	1
ECD-Sensitive Impurities (as Ethylene Dibromide) - Single Impurity Peak (ng/mL)	≤ 5	1
Assay (Total Saturated C ₆ Isomers) (by GC, corrected for water)	≥ 99.5 %	99.7 %
Assay (as n-Hexane) (by GC, corrected for water)	≥ 95 %	98 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.4 ppm
Substances Darkened by H ₂ SO ₄	Passes Test	Passes Test
Water (by KF, coulometric)	≤ 0.05 %	< 0.01 %

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

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Recd by RP on 09/11/24

E 3192

Jamie Croak
Director Quality Operations, Bioscience Production

Hexanes (95% n-hexane)
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

Avantor™



Material No.: 9262-03
Batch No.: 24C1862008
Manufactured Date: 2024-01-30
Expiration Date: 2025-04-30
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 Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	1
ECD-Sensitive Impurities (as Ethylene Dibromide) - Single Impurity Peak (ng/mL)	≤ 5	1
Assay (Total Saturated C ₆ Isomers) (by GC, corrected for water)	≥ 99.5 %	99.7 %
Assay (as n-Hexane) (by GC, corrected for water)	≥ 95 %	98 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.4 ppm
Substances Darkened by H ₂ SO ₄	Passes Test	Passes Test
Water (by KF, coulometric)	≤ 0.05 %	< 0.01 %

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

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Recd. by RP on 9/25/24

E 3805

Jamie Croak
Director Quality Operations, Bioscience Production

Cleanert Florisil

1g/6ml 30/pkg

固相萃取产品

LOT#: M06518

MFG#: F04074



Made in China

CAT# FS0006

 Agela Technologies

E 3806



Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis



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

E3815

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

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 forwater)	>= 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 HeptachlorEpoxide) 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

Recd. by RP on 10/9/24

E 3818

J. Croak

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



Material No.: 9262-03
Batch No.: 24G1962003
Manufactured Date: 2024-05-23
Expiration Date: 2025-08-22
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	3
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	1
ECD-Sensitive Impurities (as Ethylene Dibromide) - Single Impurity Peak (ng/mL)	≤ 5	1
Assay (Total Saturated C ₆ Isomers) (by GC, corrected for water)	$\geq 99.5 \%$	99.7 %
Assay (as n-Hexane) (by GC, corrected for water)	$\geq 95 \%$	98 %
Color (APHA)	≤ 10	5
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: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

E 3826

Rec'd by RP on 11/7/24

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

E 3827

Rec'd by RS on ~~11/8/24~~ 11/7/24
RS
11/7

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



CERTIFIED REFERENCE MATERIAL

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

Certificate of Analysis



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.: A0181737
Description: Chlordane Standard
Chlordane Standard 1000µg/mL, Hexane, 1mL/ampul
Container Size: 2 mL Pkg Amt: > 1 mL
Expiration Date: May 31, 2028 Storage: 10°C or colder
Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)
1	Chlordane CAS # 57-74-9 (Lot 978545) Purity ----%	1,006.0 µg/mL	+/- 5.9753 µg/mL Gravimetric +/- 31.8975 µg/mL Unstressed +/- 41.6615 µg/mL Stressed

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

Tech Tips:

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

P 11892
↓
P 11896
5

06/17/2022

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

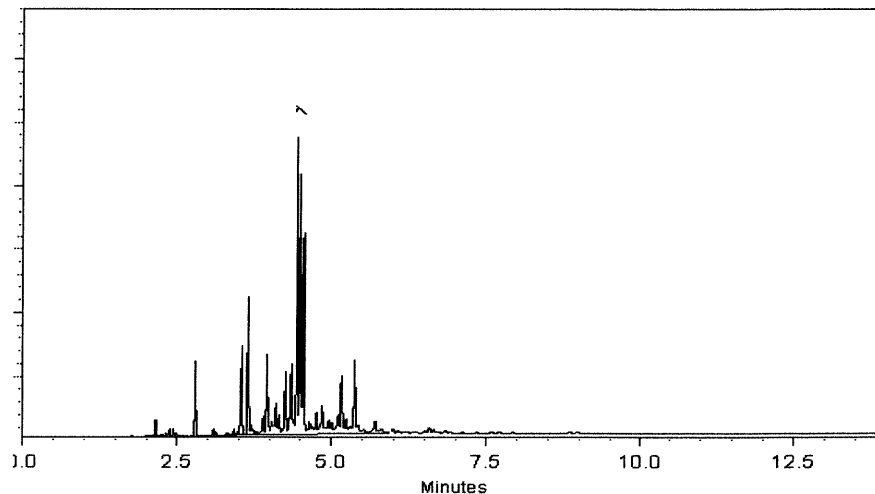
Carrier Gas:
helium-constant pressure 20 psi.

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

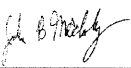
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

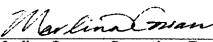


This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Josh McCloskey - Operations Technician I

Date Mixed: 11-Feb-2022

Balance: B442140311


Marlene Cowan - Operations Tech I

Date Passed: 24-Feb-2022

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

P 11892 / (5)
↓
P 11896 / 1


06/17/2022



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.)

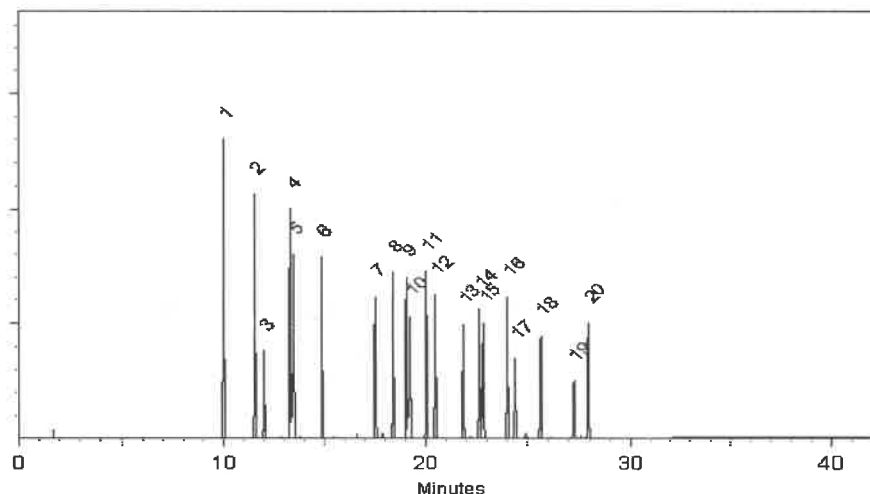
Inj. Temp:
 200°C

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

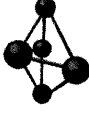
Jennifer Pollino
 Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 23-Jun-2023

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



Certified Reference Material CRM



CERTIFIED WEIGHT REPORT

Part Number:
Lot Number:
Description:

79136
102821
Mirex

Solvent(s):
Lot#
Acetone **81025**

Expiration Date:
Recommended Storage:
Nominal Concentration (µg/mL):
NIST Test ID#:

102826
Refrigerate (4 °C)
1000
6UTB

5E-05 **Balance Uncertainty**
0.006 **Flask Uncertainty**

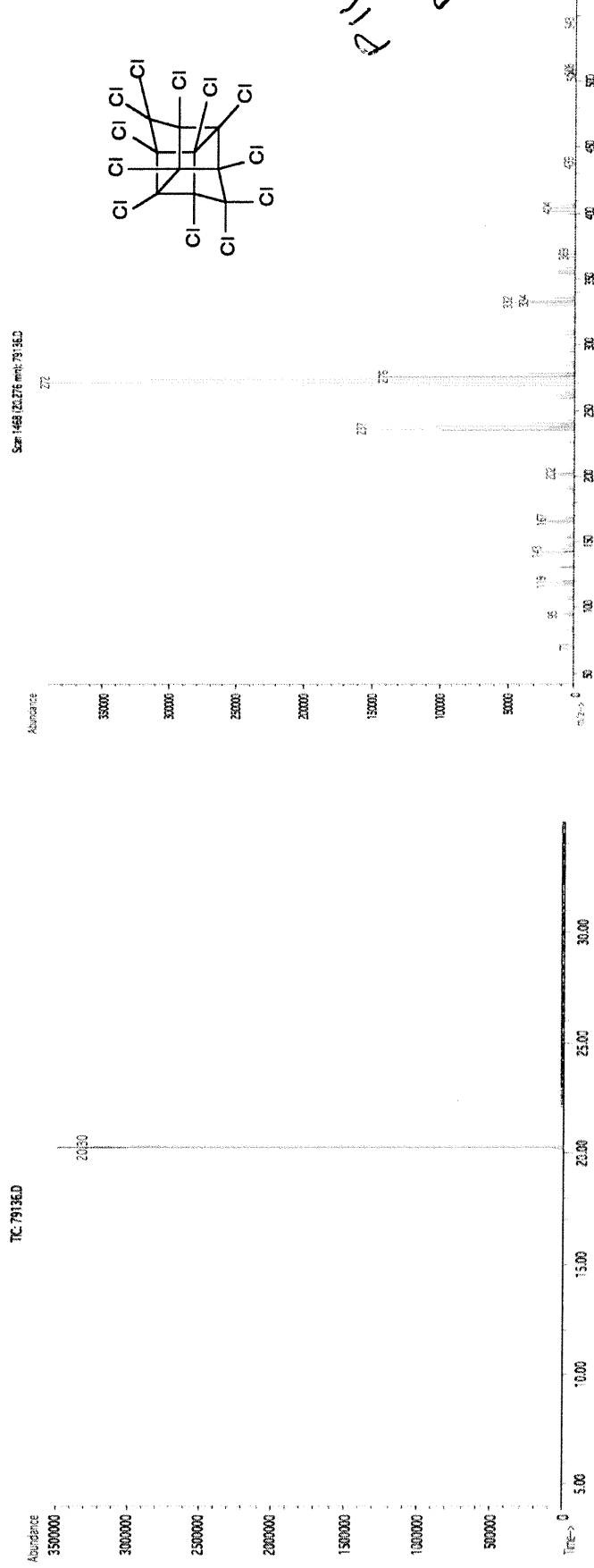
Weight(s) shown below were combined and diluted to (mL):

50.0

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty	Target Weight (g)	Actual Weight (g)	Actual Conc (µg/mL)	Expanded SDS Information		
									Uncertainty (+/-) (µg/mL)	(Solvent Safety Info. On Attached pg.)	(SHA PEL (TWA) LD50)

1. Mirex	437	9492400	1000	99.4	0.5	0.05034	0.05039	1000.9	10.3	2385-85-5	N/A	orl-rat 306mg/kg
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Method GC7MSD-1.M: Column: SPB-608 (30m X 0.25mm ID X 0.25µm film thickness) Temp 1 = 150°C (4min.), Temp 2 = 290°C (13.5 min.), Rate = 8°C/min., Injector B = 200°C, Detector B = 290°C. Split Ratio = 100:1, Scan Rate = 2. Analysis performed by Candice Warren.



- 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).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- 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).



110 Benner Circle
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Tel: 1-814-353-1300
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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.)

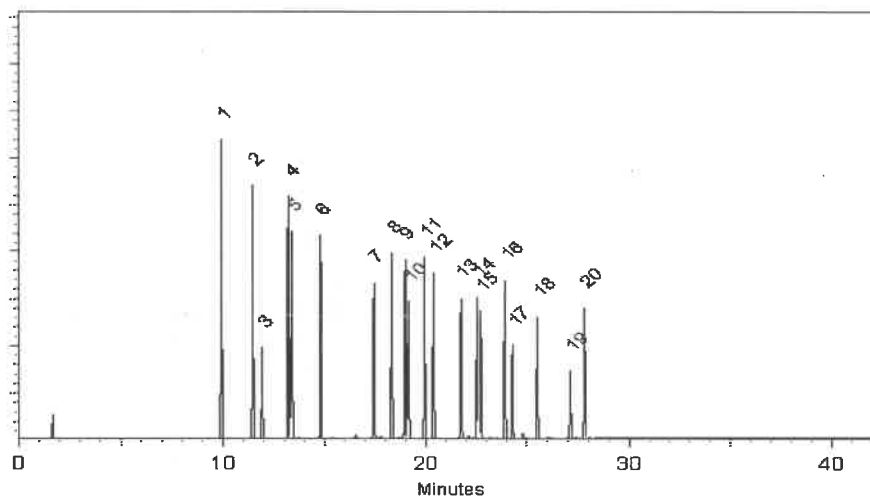
Inj. Temp:
200°C

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 - 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:
Lot Number:
Description:

19161
013124
CLP Pesticides & PCBs Resolution Check Standard

Expiration Date:
Recommended Storage:
Nominal Concentration (µg/mL):

9 components
013129
Refrigerate (4 °C)

Solvent(s):
Hexane
Toluene
273615
28508
(50%)
(50%)

NIST Test ID#:

6UTB

5E-05
Balance Uncertainty
Pipet Uncertainty

Volume(s) shown below were combined and diluted to (mL):

100.0

0.021

Balance Uncertainty
Pipet Uncertainty

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

Compound

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

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

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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.:** A0206810

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

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

Expiration Date : April 30, 2030 **Storage:** 10°C or colder

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

P13348
↓
P13357
10
DAUF
04/25/2024

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%	200.3 µg/mL	+/- 11.1143
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30638	99%	200.6 µg/mL	+/- 11.1298

* 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:

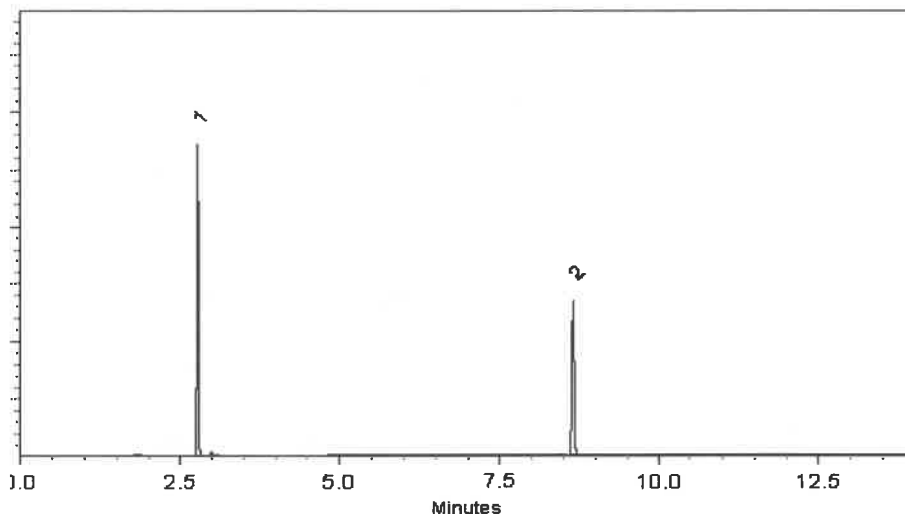
ECD

Split Vent:

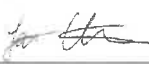
10 ml/min.

Inj. Vol

1µl

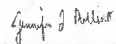


This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Laith Clemente - Operations Technician I

Date Mixed: 22-Jan-2024

Balance Serial # 1128360905


Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Jan-2024

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

P 13348
↓
P 13357
SAUF
04/25/2025



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.:** A0206810

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

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

Expiration Date : April 30, 2030 **Storage:** 10°C or colder

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

P13348
↓
P13357
10
DAUF
04/25/2024

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%	200.3 µg/mL	+/- 11.1143
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30638	99%	200.6 µg/mL	+/- 11.1298

* 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.

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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:

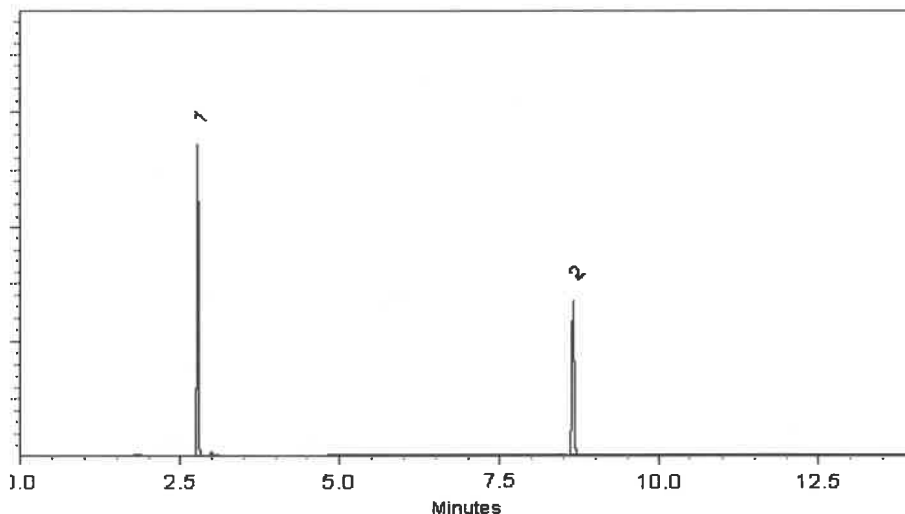
ECD

Split Vent:

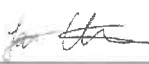
10 ml/min.

Inj. Vol

1µl

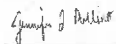


This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Laith Clemente - Operations Technician I

Date Mixed: 22-Jan-2024

Balance Serial # 1128360905


Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Jan-2024

Manufactured under Restek's ISO 9001:2015
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P 13348
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04/25/2025



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Catalog No. : 32000 **Lot No.:** A0206810

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

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

Expiration Date : April 30, 2030 **Storage:** 10°C or colder

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

P13348
↓
P13357
10
DAUF
04/25/2024

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%	200.3 µg/mL	+/- 11.1143
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30638	99%	200.6 µg/mL	+/- 11.1298

* 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.

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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:

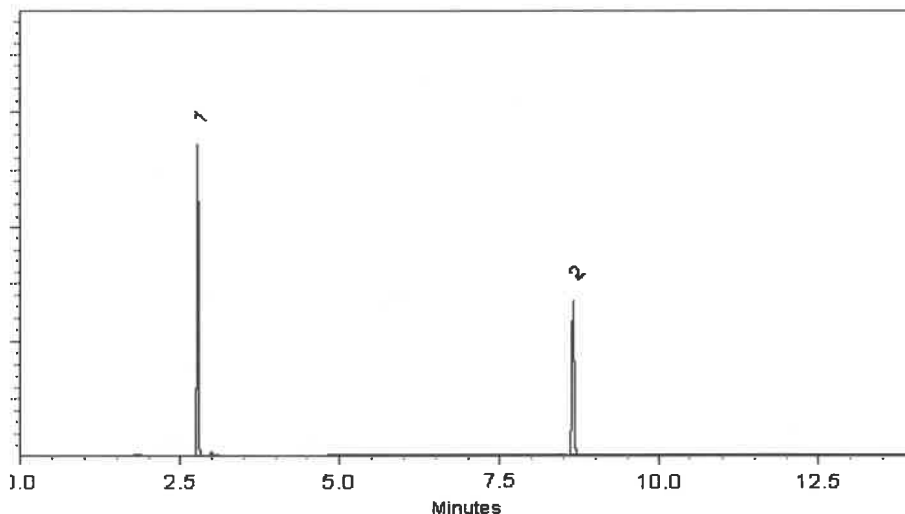
ECD

Split Vent:

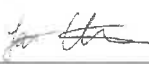
10 ml/min.

Inj. Vol

1µl

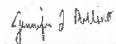


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Laith Clemente - Operations Technician I

Date Mixed: 22-Jan-2024

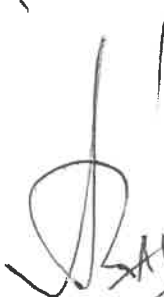
Balance Serial # 1128360905


Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Jan-2024

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

P 13348
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P 13357
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04/25/2025



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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

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

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%

P 13358
↓
P 13369
(12)

[Signature]
05-06-2024

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:

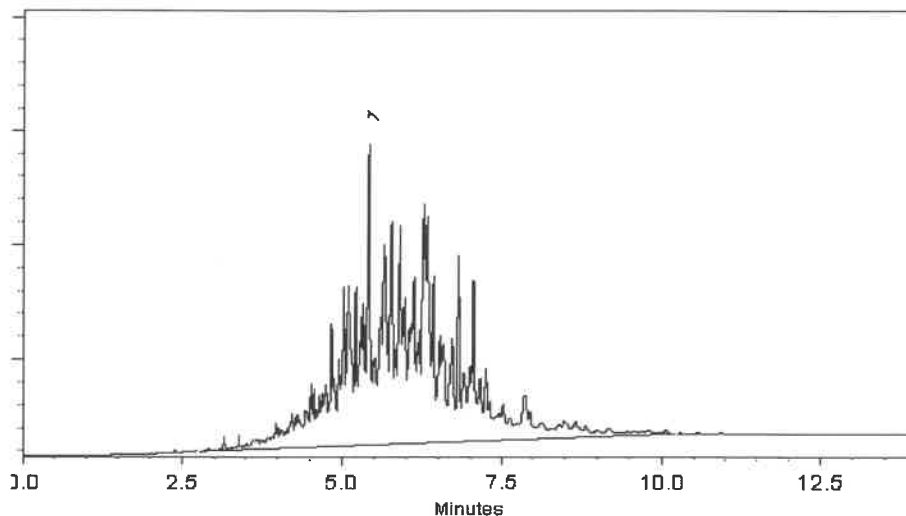
ECD

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.


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 #FM 80397

P13358
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P13369
↓
(12)


05-06-2024



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.:** A0203038

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

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

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

P13402
P13406
5/22/2024

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%

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:

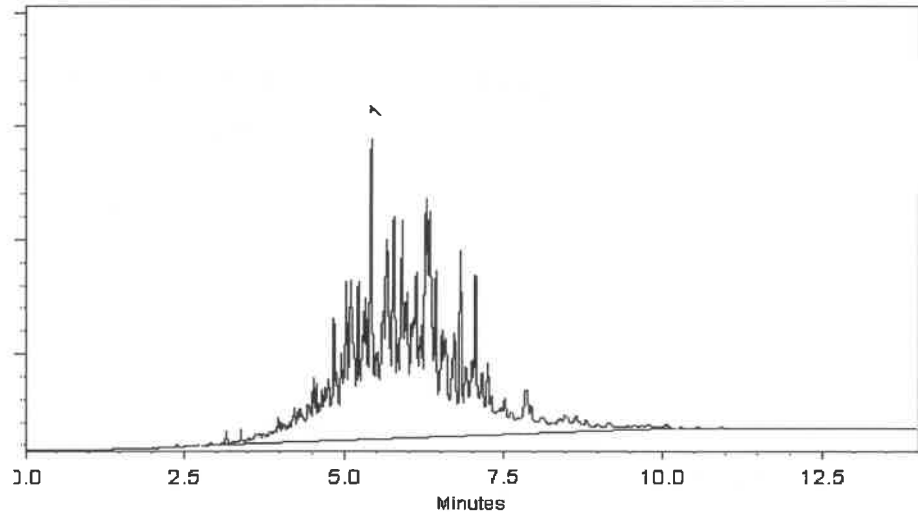
ECD

Split Vent:

300 ml/min.

Inj. Vol

0.2µl

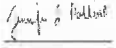


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Dakota Parson - Operations Technician I

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 #FM 80397

P13402
↓
P13406 } (5)

5/22/2024



SHIPPING DOCUMENTS

CHEMTECH

CHAIN OF CUSTODY RECORD

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

CHEMTECH PROJECT NO. **P4860**
QUOTE NO.
COC Number **2042292**

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Corrusion Env. Group
ADDRESS: 100 Crystal Run Rd Suite 101
CITY Middletown STATE: NY ZIP: 10941
ATTENTION:
PHONE: 845-695-0200 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: OCLE Ph 2 Post-Excavation Sample
PROJECT NO.: 209-424325 LOCATION: Manchester NJ
PROJECT MANAGER: John Guiliano
e-mail: John.Guiliano@chemtech.com
PHONE: 845-695-0200 FAX:

CLIENT BILLING INFORMATION

BILL TO: Corrusion Env. Group
ADDRESS: 100 Crystal Run Rd Suite 101
CITY Middletown STATE: NY ZIP: 10941
ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

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

TEL: 845-695-0200
8260B 8270E
8081B 8082A
4010D/7471B
9012B
NJEPH
7196A
9045D
8260D
Chemtech - SOP

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	QUP - 01	Soil	X		11-14-24	12:00	10	X	X	X	X	X	X	X	X	X	
2.	PH2 - BOT-001					8:20		X	X	X	X	X	X	X	X	X	
3.	PH2 - BOT-002					8:45		X	X	X	X	X	X	X	X	X	
4.	PH2 - BOT-003					9:05		X	X	X	X	X	X	X	X	X	
5.	PH2 - BOT-004					9:25		X	X	X	X	X	X	X	X	X	
6.	PH2 - BOT-009					9:45		X	X	X	X	X	X	X	X	X	
7.	PH2 - BOT-008					10:00		X	X	X	X	X	X	X	X	X	
8.	PH2 - BOT-007					10:15		X	X	X	X	X	X	X	X	X	
9.	PH2 - BOT-006					10:30		X	X	X	X	X	X	X	X	X	
10.	PH2 - BOT-005					10:45		X	X	X	X	X	X	X	X	X	

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

RELINQUISHED BY SAMPLER: 1. <u>John Gu</u>	DATE/TIME: <u>11-14-24 11:15</u>	RECEIVED BY: <u>[Signature]</u> <u>11-14-24</u>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>3.0°C</u>
RELINQUISHED BY SAMPLER: 2.	DATE/TIME:	RECEIVED BY:	Comments:
RELINQUISHED BY SAMPLER: 3. <u>[Signature]</u>	DATE/TIME: <u>11-14-24</u>	RECEIVED BY: <u>[Signature]</u>	

Page 1 of 1

CLIENT: ☐ Hand Delivered ☐ Other _____
CHEMTECH: ☒ Picked Up ☐ Field Sampling

Shipment Complete
☐ YES ☐ NO



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

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

LOGIN REPORT/SAMPLE TRANSFER

Order ID : P4860 CORN02

Order Date : 11/14/2024 1:36:41 PM

Project Mgr :

Client Name : Tetra Tech

Project Name : Ocean County Landfill 2024

Report Type : NJ Reduced

Client Contact : John Giuliano

Receive DateTime : 11/14/2024 6:30:00 PM

EDD Type : Excel NJ

Invoice Name : Tetra Tech

Purchase Order :

Hard Copy Date :

Invoice Contact : John Giuliano

Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
P4860-01	DUP-01	Solid	11/14/2024	12:00					
	BOT				VOC-TCLVOA-10	TCL+30/TAL	8260D	10 Bus. Days	
P4860-02	PH2-BPT-001	Solid	11/14/2024	08:20					
	BOT				VOC-TCLVOA-10	TCL+30/TAL	8260D	10 Bus. Days	
P4860-03	PH2-BPT-002	Solid	11/14/2024	08:45					
	BOT				VOC-TCLVOA-10	TCL+30/TAL	8260D	10 Bus. Days	
P4860-04	PH2-BPT-003	Solid	11/14/2024	09:05					
	BOT				VOC-TCLVOA-10	TCL+30/TAL	8260D	10 Bus. Days	
P4860-05	PH2-BPT-004	Solid	11/14/2024	09:25					
	BOT				VOC-TCLVOA-10	TCL+30/TAL	8260D	10 Bus. Days	
P4860-06	PH2-BPT-009	Solid	11/14/2024	09:45					
	BOT				VOC-TCLVOA-10	TCL+30/TAL	8260D	10 Bus. Days	
P4860-07	PH2-BPT-008	Solid	11/14/2024	10:00					
	BOT				VOC-TCLVOA-10	TCL+30/TAL	8260D	10 Bus. Days	
P4860-08	PH2-BPT-007	Solid	11/14/2024	10:15					

LOGIN REPORT/SAMPLE TRANSFER

Order ID : P4860	CORN02	Order Date : 11/14/2024 1:36:41 PM	Project Mgr :
Client Name : Tetra Tech		Project Name : Ocean County Landfill 2024	Report Type : NJ Reduced
Client Contact : John Giuliano		Receive DateTime : 11/14/2024 6:30:00 PM	EDD Type : Excel NJ
Invoice Name : Tetra Tech		Purchase Order :	Hard Copy Date :
Invoice Contact : John Giuliano			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
P4860-09	BOT PH2-BPT-006	Solid	11/14/2024	10:30	VOC-TCLVOA-10	TCL+30/TAL	8260D	10 Bus. Days	
P4860-10	BOT PH2-BPT-005	Solid	11/14/2024	10:45	VOC-TCLVOA-10	TCL+30/TAL	8260D	10 Bus. Days	
					VOC-TCLVOA-10	TCL+30/TAL	8260D	10 Bus. Days	

Relinquished By : 

Date / Time : 11/15/24 11:30

Received By : 

Date / Time : 11.15.24 11:30

Storage Area : VOA Refridgerator Room