

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:	P4385	OrderDate:	10/10/2024 2:00:00 PM
Client:	Scheideler Excavating Co. Inc.	Project:	Robbinsville
Contact:	Jim Scheideler	Location:	K51,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4385-02	SP-1	SOIL			10/10/24			10/10/24
			PCB	8082A		10/11/24	10/11/24	
			Pesticide-TCL	8081B		10/11/24	10/11/24	
			EPH_NF	NJEPH		10/11/24	10/11/24	
P4385-04	SP-2	SOIL			10/10/24			10/10/24
			PCB	8082A		10/11/24	10/11/24	
			Pesticide-TCL	8081B		10/11/24	10/11/24	
			EPH_NF	NJEPH		10/11/24	10/11/24	
P4385-06	SP-3	SOIL			10/10/24			10/10/24
			PCB	8082A		10/11/24	10/11/24	
			Pesticide-TCL	8081B		10/11/24	10/11/24	
			EPH_NF	NJEPH		10/11/24	10/11/24	
P4385-08	SP-4	SOIL			10/10/24			10/10/24
			PCB	8082A		10/11/24	10/11/24	
			Pesticide-TCL	8081B		10/11/24	10/11/24	
			EPH_NF	NJEPH		10/11/24	10/11/24	
P4385-10	SP-5	SOIL			10/10/24			10/10/24
			PCB	8082A		10/11/24	10/11/24	
			Pesticide-TCL	8081B		10/11/24	10/11/24	
			EPH_NF	NJEPH		10/11/24	10/11/24	
P4385-12	SP-6	SOIL			10/10/24			10/10/24
			PCB	8082A		10/11/24	10/11/24	
			Pesticide-TCL	8081B		10/11/24	10/11/24	
			EPH_NF	NJEPH		10/11/24	10/11/24	
P4385-14	SP-7	SOIL			10/10/24			10/10/24
			PCB	8082A		10/11/24	10/11/24	

LAB CHRONICLE

P4385-16	SP-8	SOIL	Pesticide-TCL	8081B	10/11/24	10/11/24	10/10/24
			EPH_NF	NJEPH	10/11/24	10/11/24	
P4385-18	SP-9	SOIL	PCB	8082A	10/11/24	10/11/24	10/10/24
			Pesticide-TCL	8081B	10/11/24	10/11/24	
			EPH_NF	NJEPH	10/11/24	10/11/24	
P4385-20	SP-10	SOIL	PCB	8082A	10/11/24	10/11/24	10/10/24
			Pesticide-TCL	8081B	10/11/24	10/11/24	
			EPH_NF	NJEPH	10/11/24	10/11/24	

Hit Summary Sheet
SW-846

SDG No.: P4385

Order ID: P4385

Client: Scheideler Excavating Co. Inc.

Project ID: Robbinsville

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : SP-1								
P4385-02	SP-1	SOIL	Dieldrin	0.48	J	0.16	1.80	ug/kg
P4385-02	SP-1	SOIL	4,4-DDE	12.9		0.14	1.80	ug/kg
P4385-02	SP-1	SOIL	4,4-DDD	1.80		0.20	1.80	ug/kg
P4385-02	SP-1	SOIL	4,4-DDT	10.7		0.18	1.80	ug/kg
Total Concentration:				25.880				
Client ID : SP-2								
P4385-04	SP-2	SOIL	Dieldrin	0.94	J	0.16	1.80	ug/kg
P4385-04	SP-2	SOIL	4,4-DDE	30.6		0.14	1.80	ug/kg
P4385-04	SP-2	SOIL	4,4-DDD	4.00		0.20	1.80	ug/kg
P4385-04	SP-2	SOIL	4,4-DDT	26.0		0.18	1.80	ug/kg
Total Concentration:				61.540				
Client ID : SP-3								
P4385-06	SP-3	SOIL	Dieldrin	0.80	J	0.16	1.80	ug/kg
P4385-06	SP-3	SOIL	4,4-DDE	23.0		0.14	1.80	ug/kg
P4385-06	SP-3	SOIL	4,4-DDD	4.30		0.20	1.80	ug/kg
P4385-06	SP-3	SOIL	4,4-DDT	19.7		0.18	1.80	ug/kg
Total Concentration:				47.800				
Client ID : SP-4								
P4385-08	SP-4	SOIL	Dieldrin	0.26	JP	0.15	1.70	ug/kg
P4385-08	SP-4	SOIL	4,4-DDE	5.60		0.13	1.70	ug/kg
P4385-08	SP-4	SOIL	4,4-DDD	0.95	JP	0.19	1.70	ug/kg
P4385-08	SP-4	SOIL	4,4-DDT	6.70		0.17	1.70	ug/kg
Total Concentration:				13.510				
Client ID : SP-5								
P4385-10	SP-5	SOIL	4,4-DDE	8.20		0.14	1.80	ug/kg
P4385-10	SP-5	SOIL	4,4-DDD	0.73	J	0.20	1.80	ug/kg
P4385-10	SP-5	SOIL	4,4-DDT	5.40		0.18	1.80	ug/kg
Total Concentration:				14.330				
Client ID : SP-6								
P4385-12	SP-6	SOIL	Dieldrin	0.54	J	0.16	1.80	ug/kg
P4385-12	SP-6	SOIL	4,4-DDE	12.7		0.14	1.80	ug/kg
P4385-12	SP-6	SOIL	4,4-DDD	1.90		0.20	1.80	ug/kg
P4385-12	SP-6	SOIL	4,4-DDT	12.7		0.18	1.80	ug/kg
P4385-12	SP-6	SOIL	alpha-Chlordane	0.23	J	0.18	1.80	ug/kg

Hit Summary Sheet
SW-846

SDG No.: P4385

Order ID: P4385

Client: Scheideler Excavating Co. Inc.

Project ID: Robbinsville

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				28.070				
Client ID : SP-7								
P4385-14	SP-7	SOIL	4,4-DDE	10.0		0.14	1.80	ug/kg
P4385-14	SP-7	SOIL	4,4-DDD	1.20	J	0.20	1.80	ug/kg
P4385-14	SP-7	SOIL	4,4-DDT	5.10		0.18	1.80	ug/kg
P4385-14	SP-7	SOIL	alpha-Chlordane	0.67	JP	0.18	1.80	ug/kg
P4385-14	SP-7	SOIL	gamma-Chlordane	0.27	J	0.20	1.80	ug/kg
Total Concentration:				17.240				
Client ID : SP-8								
P4385-16	SP-8	SOIL	4,4-DDE	10.1		0.14	1.80	ug/kg
P4385-16	SP-8	SOIL	4,4-DDD	0.92	J	0.20	1.80	ug/kg
P4385-16	SP-8	SOIL	4,4-DDT	5.60		0.18	1.80	ug/kg
P4385-16	SP-8	SOIL	alpha-Chlordane	0.57	JP	0.18	1.80	ug/kg
P4385-16	SP-8	SOIL	gamma-Chlordane	0.20	J	0.20	1.80	ug/kg
Total Concentration:				17.390				
Client ID : SP-9								
P4385-18	SP-9	SOIL	Heptachlor epoxide	0.55	JP	0.25	1.80	ug/kg
P4385-18	SP-9	SOIL	Dieldrin	1.80	P	0.16	1.80	ug/kg
P4385-18	SP-9	SOIL	4,4-DDE	14.9	P	0.14	1.80	ug/kg
P4385-18	SP-9	SOIL	4,4-DDD	5.40	P	0.20	1.80	ug/kg
P4385-18	SP-9	SOIL	4,4-DDT	13.5		0.18	1.80	ug/kg
P4385-18	SP-9	SOIL	alpha-Chlordane	0.98	JP	0.18	1.80	ug/kg
P4385-18	SP-9	SOIL	gamma-Chlordane	0.87	J	0.20	1.80	ug/kg
Total Concentration:				38.000				
Client ID : SP-10								
P4385-20	SP-10	SOIL	4,4-DDE	10.4		0.14	1.80	ug/kg
P4385-20	SP-10	SOIL	4,4-DDD	0.98	J	0.20	1.80	ug/kg
P4385-20	SP-10	SOIL	4,4-DDT	6.00		0.18	1.80	ug/kg
P4385-20	SP-10	SOIL	alpha-Chlordane	0.72	JP	0.18	1.80	ug/kg
P4385-20	SP-10	SOIL	gamma-Chlordane	0.38	JP	0.20	1.80	ug/kg
Total Concentration:				18.480				



QC SUMMARY

Surrogate Summary

SDG No.: **P4385**

Client: **Scheideler Excavating Co. Inc.**

Analytical Method: **8081B**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PL091953.D	PIBLK-PL091953.D	Decachlorobiphenyl	1	20	19.6	98		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	19.0	95		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	18.7	94		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	18.3	92		30 (77)	150 (126)
I.BLK-PL092329.D	PIBLK-PL092329.D	Decachlorobiphenyl	1	20	23.8	119		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	21.3	107		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	22.1	110		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	20.6	103		30 (77)	150 (126)
PB164067BL	PB164067BL	Decachlorobiphenyl	1	20	19.6	98		30 (10)	150 (148)
		Tetrachloro-m-xylene	1	20	19.0	95		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	19.6	98		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	18.1	90		30 (10)	150 (159)
PB164067BS	PB164067BS	Decachlorobiphenyl	1	20	22.0	110		30 (10)	150 (148)
		Tetrachloro-m-xylene	1	20	20.7	103		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	21.3	106		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	19.9	100		30 (10)	150 (159)
P4385-02	SP-1	Decachlorobiphenyl	1	20	12.6	63		30 (10)	150 (148)
		Tetrachloro-m-xylene	1	20	13.2	66		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	11.8	59		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	12.9	64		30 (10)	150 (159)
P4385-04	SP-2	Decachlorobiphenyl	1	20	19.7	98		30 (10)	150 (148)
		Tetrachloro-m-xylene	1	20	20.0	100		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	18.0	90		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	20.1	101		30 (10)	150 (159)
P4385-04MS	SP-2MS	Decachlorobiphenyl	1	20	16.9	85		30 (10)	150 (148)
		Tetrachloro-m-xylene	1	20	16.4	82		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	15.7	78		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	16.3	81		30 (10)	150 (159)
P4385-04MSD	SP-2MSD	Decachlorobiphenyl	1	20	16.8	84		30 (10)	150 (148)
		Tetrachloro-m-xylene	1	20	16.6	83		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	15.6	78		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	15.9	79		30 (10)	150 (159)
P4385-08	SP-4	Decachlorobiphenyl	1	20	21.3	106		30 (10)	150 (148)
		Tetrachloro-m-xylene	1	20	20.9	104		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	20.0	100		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	20.4	102		30 (10)	150 (159)
P4385-10	SP-5	Decachlorobiphenyl	1	20	13.3	67		30 (10)	150 (148)
		Tetrachloro-m-xylene	1	20	12.6	63		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	12.8	64		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	12.1	60		30 (10)	150 (159)
P4385-14	SP-7	Decachlorobiphenyl	1	20	14.2	71		30 (10)	150 (148)

Surrogate Summary

SDG No.: **P4385**

Client: **Scheideler Excavating Co. Inc.**

Analytical Method: **8081B**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
P4385-14	SP-7	Tetrachloro-m-xylene	1	20	14.0	70		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	13.3	66		30 (10)	150 (148)
P4385-16	SP-8	Tetrachloro-m-xylene	2	20	13.1	65		30 (10)	150 (159)
		Decachlorobiphenyl	1	20	13.7	69		30 (10)	150 (148)
		Tetrachloro-m-xylene	1	20	13.3	66		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	12.2	61		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	12.5	62		30 (10)	150 (159)
P4385-20	SP-10	Decachlorobiphenyl	1	20	14.2	71		30 (10)	150 (148)
		Tetrachloro-m-xylene	1	20	13.4	67		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	12.8	64		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	13.1	66		30 (10)	150 (159)
P4385-06	SP-3	Decachlorobiphenyl	1	20	19.1	95		30 (10)	150 (148)
		Tetrachloro-m-xylene	1	20	20.0	100		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	17.3	86		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	19.5	97		30 (10)	150 (159)
P4385-18	SP-9	Decachlorobiphenyl	1	20	19.5	97		30 (10)	150 (148)
		Tetrachloro-m-xylene	1	20	20.0	100		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	17.3	86		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	19.7	99		30 (10)	150 (159)
P4385-12	SP-6	Decachlorobiphenyl	1	20	18.7	93		30 (10)	150 (148)
		Tetrachloro-m-xylene	1	20	20.0	100		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	16.4	82		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	19.5	98		30 (10)	150 (159)
I.BLK-PL092346.D	PIBLK-PL092346.D	Decachlorobiphenyl	1	20	21.1	105		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	21.4	107		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	19.7	99		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	21.2	106		30 (77)	150 (126)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4385

Client: Scheideler Excavating Co. Inc.

Analytical Method: 8081B

DataFile : PL092336.D

Lab Sample ID:	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits	
			Result	Result			Qual	RPD	Qual	Low	High	RPD
Client Sample ID: P4385-04MS	SP-2MS											
	alpha-BHC	17.5	0	15.6	ug/kg	89				30 (60)	150 (144)	
	beta-BHC	17.5	0	16.0	ug/kg	91				30 (54)	150 (143)	
	delta-BHC	17.5	0	14.7	ug/kg	84				30 (47)	150 (144)	
	gamma-BHC (Lindane)	17.5	0	15.2	ug/kg	87				30 (61)	150 (140)	
	Heptachlor	17.5	0	16.0	ug/kg	91				30 (63)	150 (135)	
	Aldrin	17.5	0	15.3	ug/kg	87				30 (49)	150 (139)	
	Heptachlor epoxide	17.5	0	15.5	ug/kg	89				30 (32)	150 (180)	
	Endosulfan I	17.5	0	15.6	ug/kg	89				30 (56)	150 (142)	
	Dieldrin	17.5	0.94	16.7	ug/kg	90				30 (47)	150 (161)	
	4,4'-DDE	17.5	30.6	43.0	ug/kg	71				30 (55)	150 (136)	
	Endrin	17.5	0	16.9	ug/kg	97				30 (57)	150 (139)	
	Endosulfan II	17.5	0	16.0	ug/kg	91				30 (40)	150 (163)	
	4,4'-DDD	17.5	4	19.2	ug/kg	87				30 (37)	150 (192)	
	Endosulfan sulfate	17.5	0	16.1	ug/kg	92				30 (62)	150 (139)	
	4,4'-DDT	17.5	26	39.9	ug/kg	79				30 (51)	150 (146)	
	Methoxychlor	17.5	0	16.3	ug/kg	93				30 (54)	150 (136)	
	Endrin ketone	17.5	0	21.2	ug/kg	121				30 (60)	150 (129)	
	Endrin aldehyde	17.5	0	16.3	ug/kg	93				30 (59)	150 (132)	
	alpha-Chlordane	17.5	0	15.9	ug/kg	91				30 (30)	150 (192)	
	gamma-Chlordane	17.5	0	16.4	ug/kg	94				30 (44)	150 (175)	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4385

Client: Scheideler Excavating Co. Inc.

Analytical Method: 8081B

DataFile : PL092337.D

Lab Sample ID:	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits	
			Result	Result			Qual	RPD	Qual	Low	High	RPD
Client Sample ID: P4385-04MSD	SP-2MSD											
	alpha-BHC	17.51	0	15.5	ug/kg	89		0		30 (60)	150 (144)	30 (20)
	beta-BHC	17.51	0	15.8	ug/kg	90		1		30 (54)	150 (143)	30 (20)
	delta-BHC	17.51	0	14.6	ug/kg	83		1		30 (47)	150 (144)	30 (20)
	gamma-BHC (Lindane)	17.51	0	15.1	ug/kg	86		1		30 (61)	150 (140)	30 (20)
	Heptachlor	17.51	0	15.9	ug/kg	91		0		30 (63)	150 (135)	30 (20)
	Aldrin	17.51	0	15.2	ug/kg	87		0		30 (49)	150 (139)	30 (20)
	Heptachlor epoxide	17.51	0	15.5	ug/kg	89		0		30 (32)	150 (180)	30 (20)
	Endosulfan I	17.51	0	15.5	ug/kg	89		0		30 (56)	150 (142)	30 (20)
	Dieldrin	17.51	0.94	16.6	ug/kg	89		1		30 (47)	150 (161)	30 (20)
	4,4'-DDE	17.51	30.6	43.3	ug/kg	73		3		30 (55)	150 (136)	30 (20)
	Endrin	17.51	0	16.8	ug/kg	96		1		30 (57)	150 (139)	30 (20)
	Endosulfan II	17.51	0	16.0	ug/kg	91		0		30 (40)	150 (163)	30 (20)
	4,4'-DDD	17.51	4	18.9	ug/kg	85		2		30 (37)	150 (192)	30 (20)
	Endosulfan sulfate	17.51	0	16.1	ug/kg	92		0		30 (62)	150 (139)	30 (20)
	4,4'-DDT	17.51	26	39.7	ug/kg	78		1		30 (51)	150 (146)	30 (20)
	Methoxychlor	17.51	0	16.2	ug/kg	93		0		30 (54)	150 (136)	30 (20)
	Endrin ketone	17.51	0	22.6	ug/kg	129		6		30 (60)	150 (129)	30 (20)
	Endrin aldehyde	17.51	0	16.2	ug/kg	93		0		30 (59)	150 (132)	30 (20)
	alpha-Chlordane	17.51	0	15.9	ug/kg	91		0		30 (30)	150 (192)	30 (20)
	gamma-Chlordane	17.51	0	16.2	ug/kg	93		1		30 (44)	150 (175)	30 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P4385

Client: Scheideler Excavating Co. Inc.

Analytical Method: 8081B

Datafile : PL092332.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB164067BS	alpha-BHC	16.66	16.8	ug/kg	101				40 (84)	140 (123)	
	beta-BHC	16.66	16.8	ug/kg	101				40 (82)	140 (123)	
	delta-BHC	16.66	16.4	ug/kg	98				40 (83)	140 (126)	
	gamma-BHC (Lindane)	16.66	16.2	ug/kg	97				40 (83)	140 (125)	
	Heptachlor	16.66	16.7	ug/kg	100				40 (83)	140 (122)	
	Aldrin	16.66	16.2	ug/kg	97				40 (82)	140 (124)	
	Heptachlor epoxide	16.66	17.3	ug/kg	104				40 (83)	140 (120)	
	Endosulfan I	16.66	17.2	ug/kg	103				40 (81)	140 (124)	
	Dieldrin	16.66	17.3	ug/kg	104				40 (85)	140 (121)	
	4,4'-DDE	16.66	17.6	ug/kg	106				40 (81)	140 (123)	
	Endrin	16.66	16.3	ug/kg	98				40 (76)	140 (130)	
	Endosulfan II	16.66	17.5	ug/kg	105				40 (80)	140 (125)	
	4,4'-DDD	16.66	18.9	ug/kg	113				40 (80)	140 (131)	
	Endosulfan sulfate	16.66	17.1	ug/kg	103				40 (81)	140 (122)	
	4,4'-DDT	16.66	16.2	ug/kg	97				40 (70)	140 (129)	
	Methoxychlor	16.66	16.3	ug/kg	98				40 (60)	140 (119)	
	Endrin ketone	16.66	17.4	ug/kg	104				40 (77)	140 (132)	
	Endrin aldehyde	16.66	16.6	ug/kg	100				40 (79)	140 (124)	
	alpha-Chlordane	16.66	17.2	ug/kg	103				40 (84)	140 (120)	
	gamma-Chlordane	16.66	17.4	ug/kg	104				40 (83)	140 (122)	

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164067BL

Lab Name: CHEMTECH

Contract: SCHE03

Lab Code: CHEM Case No.: P4385

SAS No.: P4385 SDG NO.: P4385

Lab Sample ID: PB164067BL

Lab File ID: PL092331.D

Matrix: (soil/water) Solid

Extraction: (Type) _____

Sulfur Cleanup: (Y/N) N

Date Extracted: 10/11/2024

Date Analyzed (1): 10/11/2024

Date Analyzed (2): 10/11/2024

Time Analyzed (1): 13:24

Time Analyzed (2): 13:24

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
PB164067BS	PB164067BS	PL092332.D	10/11/2024	10/11/2024
SP-1	P4385-02	PL092334.D	10/11/2024	10/11/2024
SP-2	P4385-04	PL092335.D	10/11/2024	10/11/2024
SP-2MS	P4385-04MS	PL092336.D	10/11/2024	10/11/2024
SP-2MSD	P4385-04MSD	PL092337.D	10/11/2024	10/11/2024
SP-4	P4385-08	PL092338.D	10/11/2024	10/11/2024
SP-5	P4385-10	PL092339.D	10/11/2024	10/11/2024
SP-7	P4385-14	PL092340.D	10/11/2024	10/11/2024
SP-8	P4385-16	PL092341.D	10/11/2024	10/11/2024
SP-10	P4385-20	PL092342.D	10/11/2024	10/11/2024
SP-3	P4385-06	PL092343.D	10/11/2024	10/11/2024
SP-9	P4385-18	PL092344.D	10/11/2024	10/11/2024
SP-6	P4385-12	PL092345.D	10/11/2024	10/11/2024

COMMENTS: _____



SAMPLE DATA

Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-1	SDG No.:	P4385
Lab Sample ID:	P4385-02	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	93.4 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
PL092334.D	1	10/11/24 09:00	10/11/24 14:04	PB164067

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	0.52	U	0.52	1.80	ug/kg
319-86-8	delta-BHC	0.50	U	0.50	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	0.15	U	0.15	1.80	ug/kg
1024-57-3	Heptachlor epoxide	0.25	U	0.25	1.80	ug/kg
959-98-8	Endosulfan I	0.18	U	0.18	1.80	ug/kg
60-57-1	Dieldrin	0.48	J	0.16	1.80	ug/kg
72-55-9	4,4-DDE	12.9		0.14	1.80	ug/kg
72-20-8	Endrin	0.17	U	0.17	1.80	ug/kg
33213-65-9	Endosulfan II	0.32	U	0.32	1.80	ug/kg
72-54-8	4,4-DDD	1.80		0.20	1.80	ug/kg
1031-07-8	Endosulfan Sulfate	0.14	U	0.14	1.80	ug/kg
50-29-3	4,4-DDT	10.7		0.18	1.80	ug/kg
72-43-5	Methoxychlor	0.41	U	0.41	1.80	ug/kg
53494-70-5	Endrin ketone	0.24	U	0.24	1.80	ug/kg
7421-93-4	Endrin aldehyde	0.42	U	0.42	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	5.60	U	5.60	35.3	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	12.6		30 (10) - 150 (148)	63%	SPK: 20
877-09-8	Tetrachloro-m-xylene	13.2		30 (10) - 150 (159)	66%	SPK: 20

Report of Analysis

Client:	Scheideler Excavating Co. Inc.		Date Collected:	10/10/24	
Project:	Robbinsville		Date Received:	10/10/24	
Client Sample ID:	SP-1		SDG No.:	P4385	
Lab Sample ID:	P4385-02		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	93.4	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
PL092334.D	1	10/11/24 09:00	10/11/24 14:04	PB164067

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\PL101224\
 Data File : PL092334.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Oct 2024 14:04
 Operator : AR\AJ
 Sample : P4385-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SP-1

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/14/2024
 Supervised By :Ankita Jodhani 10/14/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 14 02:35:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 16:44:57 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	29321605	32276729	13.180m	12.869
28) SA Decachlor...	9.058	7.919	20640296	29535588	12.599	11.805
Target Compounds						
12) B 4,4'-DDE	6.194	5.236	75461639	100.8E6	34.865	36.261
13) MA Dieldrin	6.345	5.365	3276001	3223633	1.343	1.100m
16) A 4,4'-DDD	6.710	5.791	9132453	10862268	5.086m	5.085
17) MA 4,4'-DDT	7.026	6.041	55151468	68736111	29.954	29.715

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101224\
Data File : PL092334.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Oct 2024 14:04
Operator : AR\AJ
Sample : P4385-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

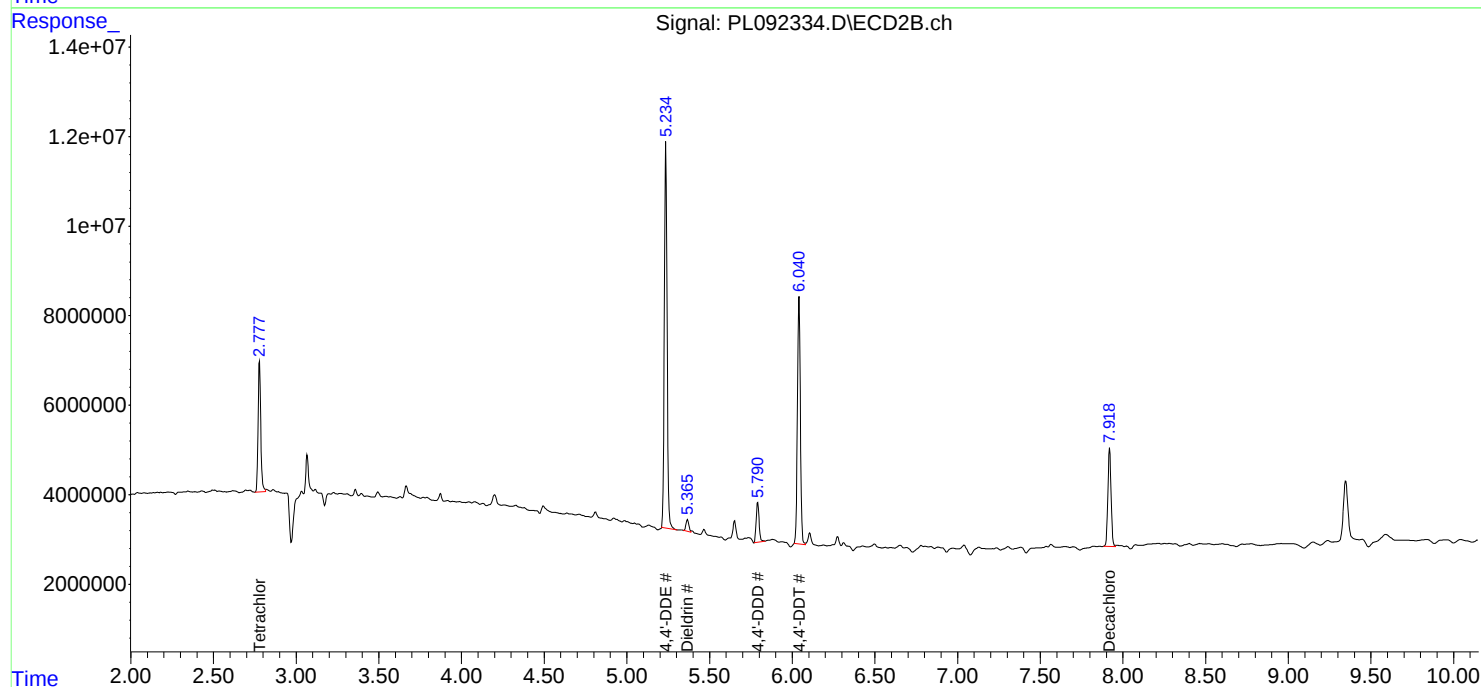
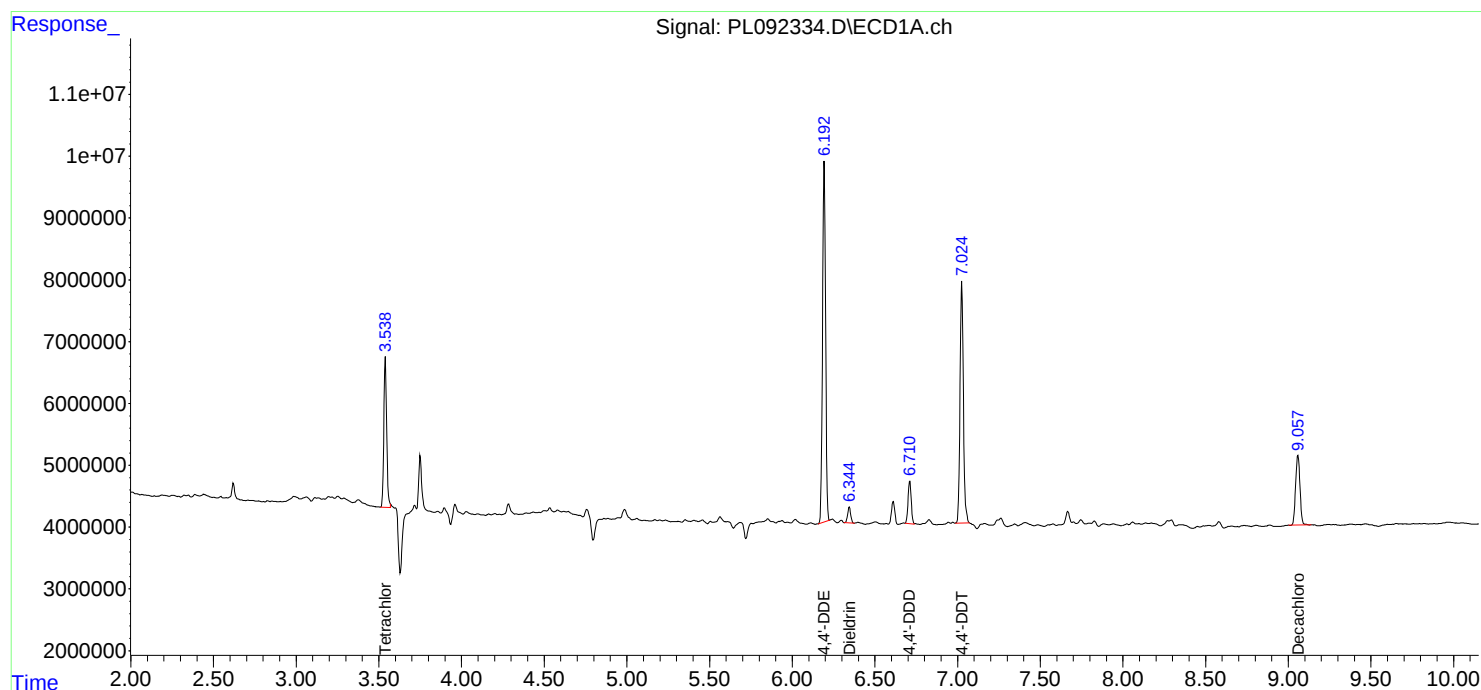
Instrument :
ECD_L
ClientSampleId :
SP-1

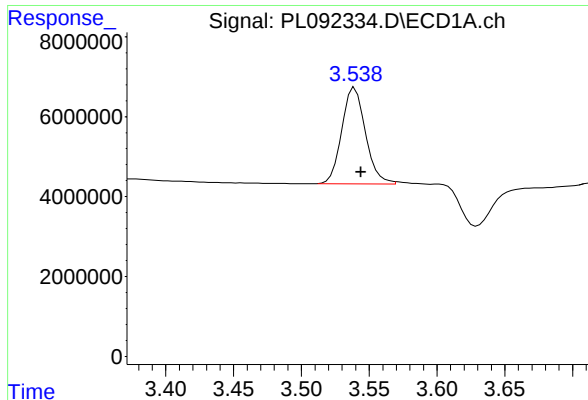
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 10/14/2024
Supervised By : Ankita Jodhani 10/14/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 02:35:37 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 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





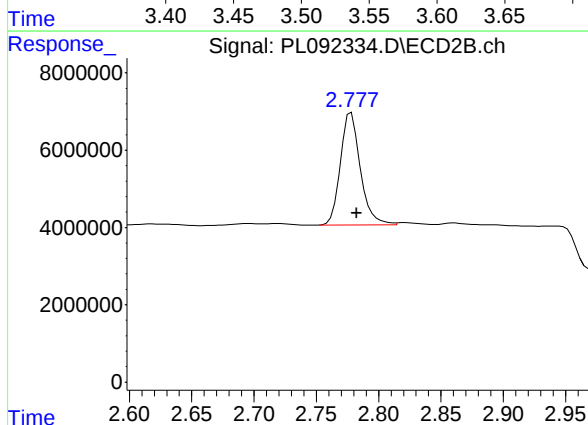
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: -0.006 min
Response: 29321605
Conc: 13.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1

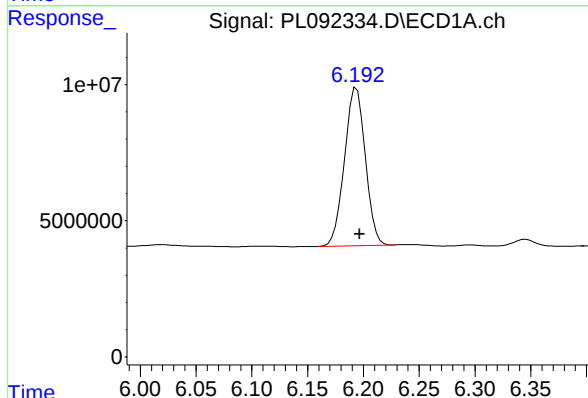
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



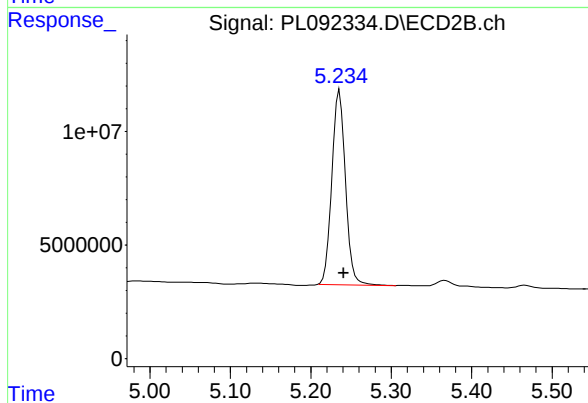
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: -0.004 min
Response: 32276729
Conc: 12.87 ng/ml



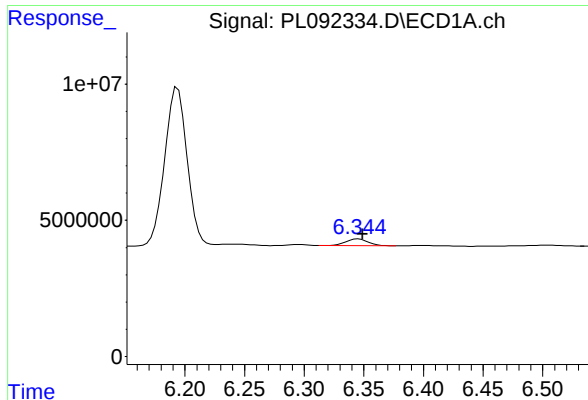
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: -0.003 min
Response: 75461639
Conc: 34.86 ng/ml



#12 4,4'-DDE

R.T.: 5.236 min
Delta R.T.: -0.005 min
Response: 100763717
Conc: 36.26 ng/ml



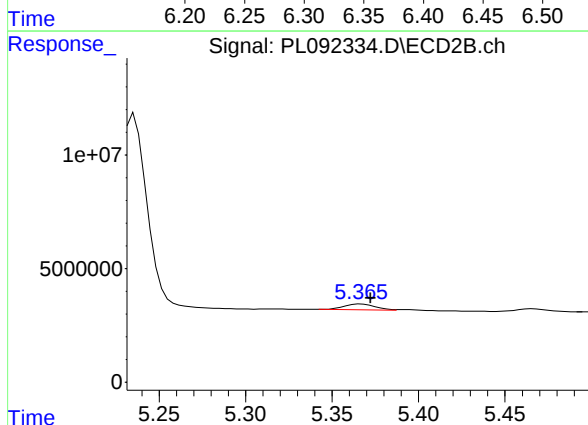
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: -0.004 min
Response: 3276001
Conc: 1.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1

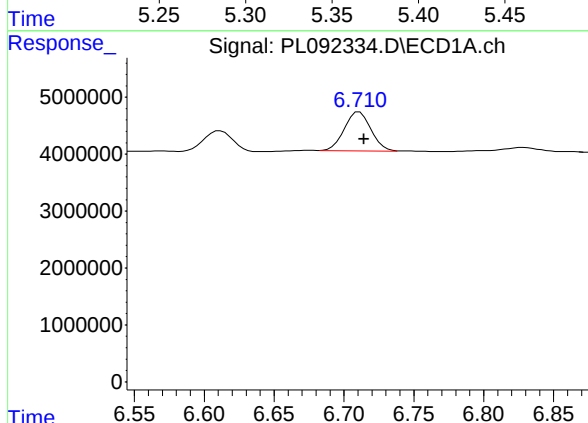
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



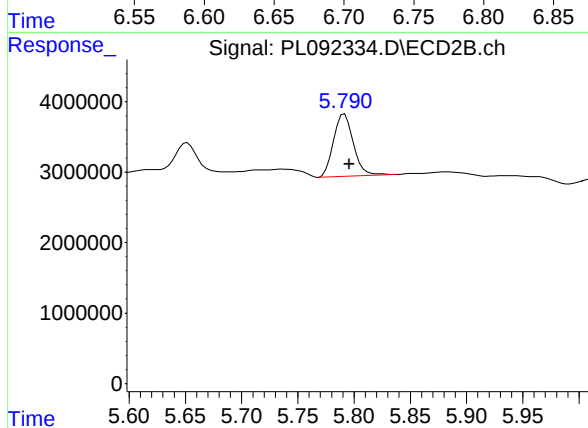
#13 Dieldrin

R.T.: 5.365 min
Delta R.T.: -0.007 min
Response: 3223633
Conc: 1.10 ng/ml m



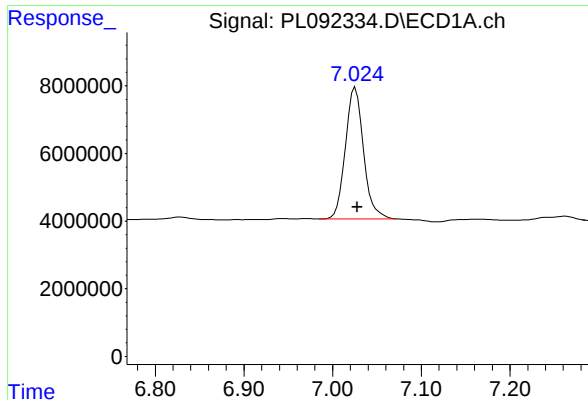
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: -0.005 min
Response: 9132453
Conc: 5.09 ng/ml m



#16 4,4'-DDD

R.T.: 5.791 min
Delta R.T.: -0.004 min
Response: 10862268
Conc: 5.08 ng/ml



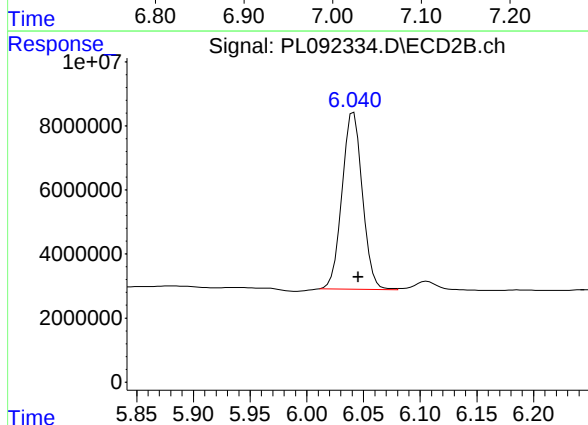
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: -0.002 min
Response: 55151468
Conc: 29.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1

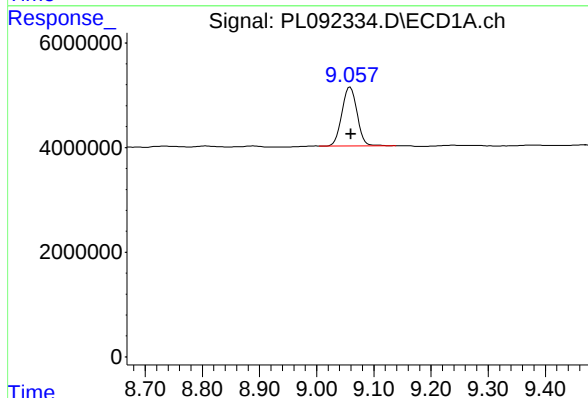
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



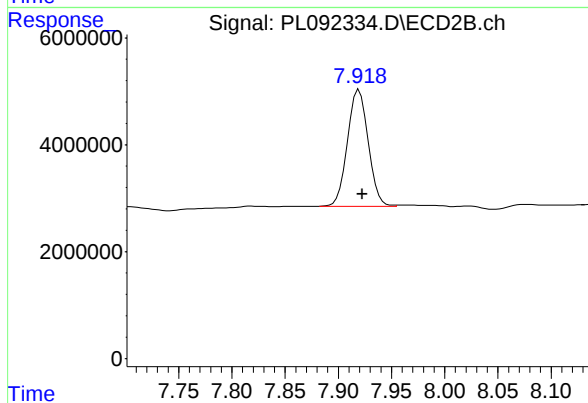
#17 4,4'-DDT

R.T.: 6.041 min
Delta R.T.: -0.004 min
Response: 68736111
Conc: 29.72 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: -0.002 min
Response: 20640296
Conc: 12.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.919 min
Delta R.T.: -0.003 min
Response: 29535588
Conc: 11.81 ng/ml

Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-2	SDG No.:	P4385
Lab Sample ID:	P4385-04	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	95 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
PL092335.D	1	10/11/24 09:00	10/11/24 14:17	PB164067

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	0.15	U	0.15	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	0.94	J	0.16	1.80	ug/kg
72-55-9	4,4-DDE	30.6		0.14	1.80	ug/kg
72-20-8	Endrin	0.17	U	0.17	1.80	ug/kg
33213-65-9	Endosulfan II	0.32	U	0.32	1.80	ug/kg
72-54-8	4,4-DDD	4.00		0.20	1.80	ug/kg
1031-07-8	Endosulfan Sulfate	0.14	U	0.14	1.80	ug/kg
50-29-3	4,4-DDT	26.0		0.18	1.80	ug/kg
72-43-5	Methoxychlor	0.40	U	0.40	1.80	ug/kg
53494-70-5	Endrin ketone	0.23	U	0.23	1.80	ug/kg
7421-93-4	Endrin aldehyde	0.41	U	0.41	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	5.50	U	5.50	34.7	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.7		30 (10) - 150 (148)	98%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.1		30 (10) - 150 (159)	101%	SPK: 20

Report of Analysis

Client:	Scheideler Excavating Co. Inc.		Date Collected:	10/10/24	
Project:	Robbinsville		Date Received:	10/10/24	
Client Sample ID:	SP-2		SDG No.:	P4385	
Lab Sample ID:	P4385-04		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	95	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
PL092335.D	1	10/11/24 09:00	10/11/24 14:17	PB164067

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\PL101224\
 Data File : PL092335.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Oct 2024 14:17
 Operator : AR\AJ
 Sample : P4385-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SP-2

Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 10/14/2024
 Supervised By : Ankita Jodhani 10/14/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 14 02:37:15 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 16:44:57 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	44477025	50520564	19.993m	20.143
28) SA Decachlor...	9.058	7.919	32225459	45054250	19.671	18.008
Target Compounds						
12) B 4,4'-DDE	6.194	5.236	168.9E6	242.7E6	78.029	87.327
13) MA Dieldrin	6.344	5.367	6566193	7651309	2.692m	2.610
16) A 4,4'-DDD	6.709	5.791	20704781	22452686	11.530m	10.510
17) MA 4,4'-DDT	7.026	6.041	128.5E6	171.6E6	69.770	74.166

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101224\
Data File : PL092335.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Oct 2024 14:17
Operator : AR\AJ
Sample : P4385-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

SP-2

Manual Integrations

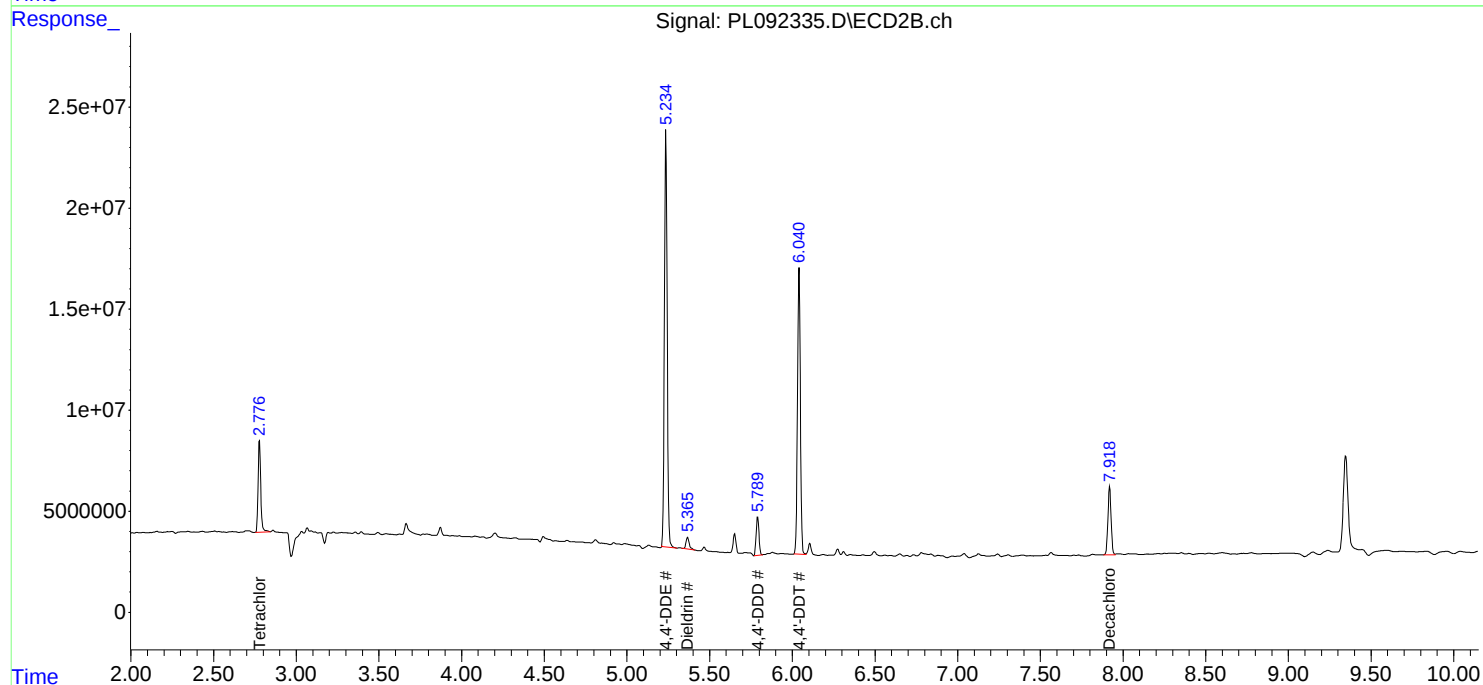
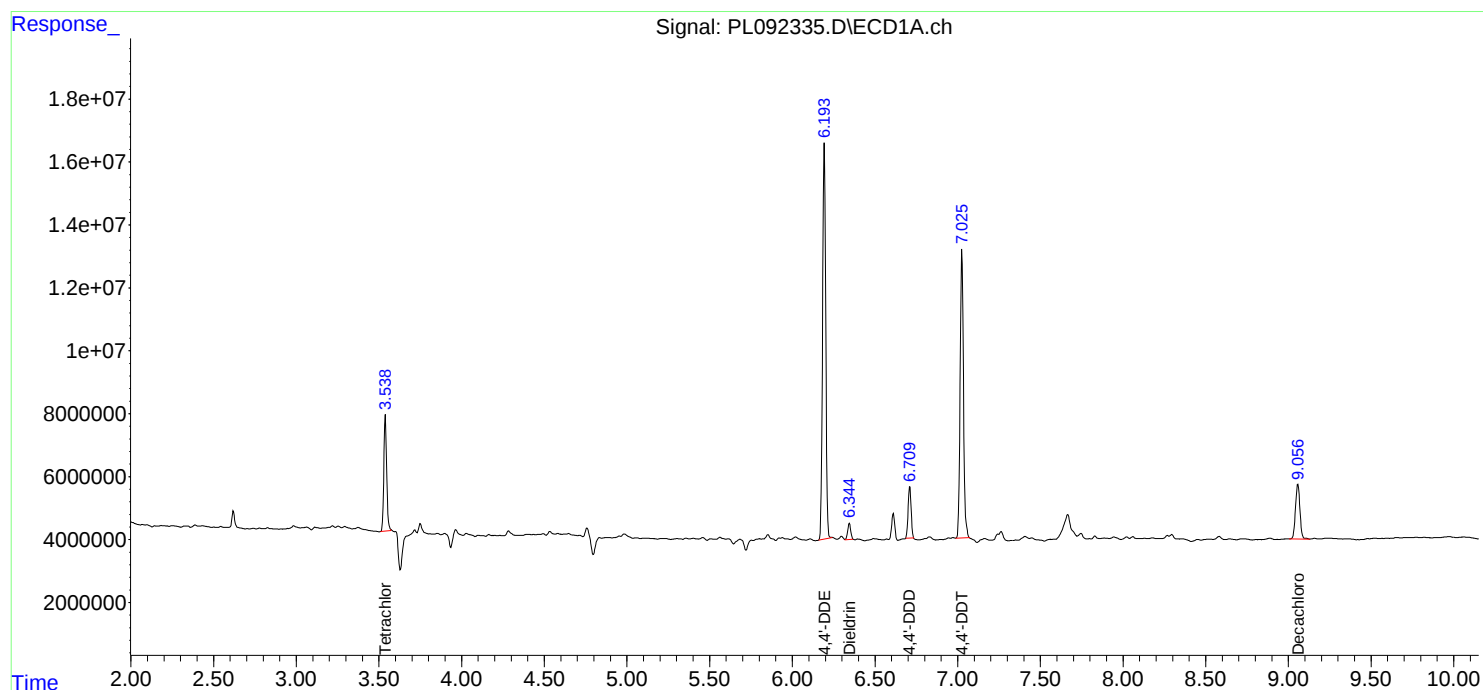
APPROVED

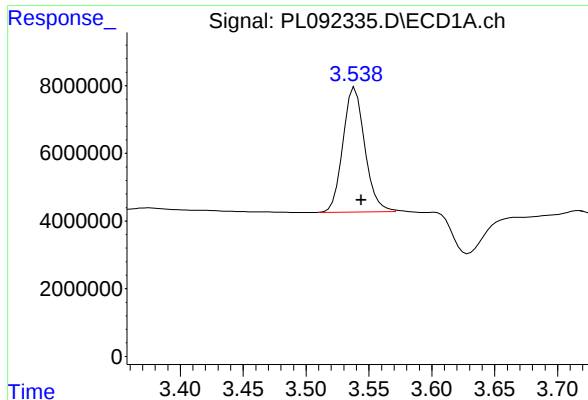
Reviewed By :Abdul Mirza 10/14/2024

Supervised By :Ankita Jodhani 10/14/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 02:37:15 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 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





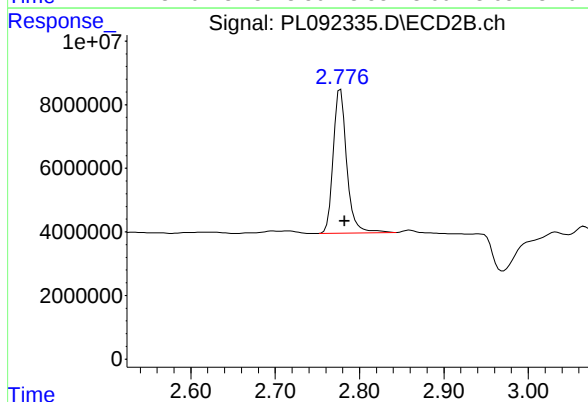
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: -0.006 min
Response: 44477025
Conc: 19.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-2

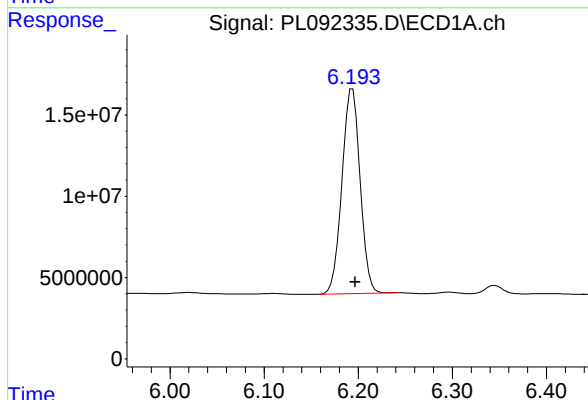
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



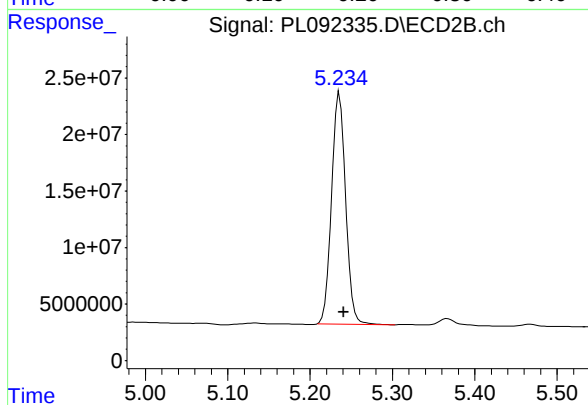
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: -0.005 min
Response: 50520564
Conc: 20.14 ng/ml



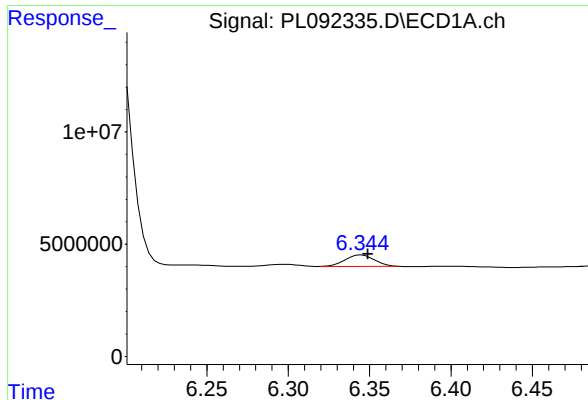
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: -0.003 min
Response: 168887833
Conc: 78.03 ng/ml



#12 4,4'-DDE

R.T.: 5.236 min
Delta R.T.: -0.005 min
Response: 242669379
Conc: 87.33 ng/ml



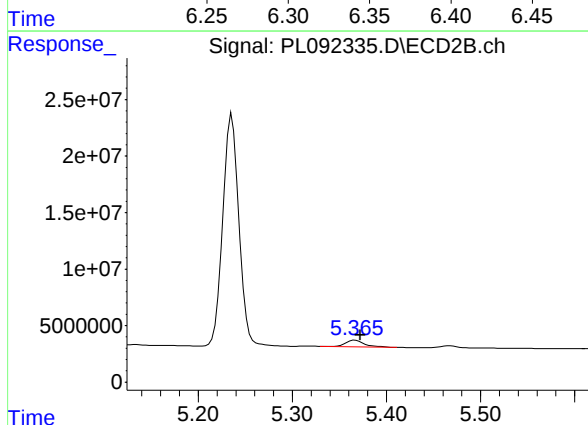
#13 Dieldrin

R.T.: 6.344 min
Delta R.T.: -0.005 min
Response: 6566193
Conc: 2.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-2

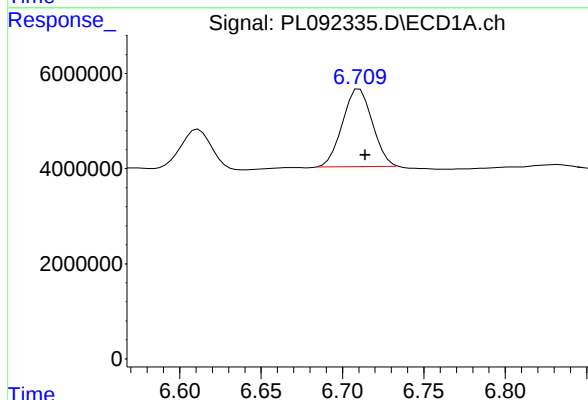
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



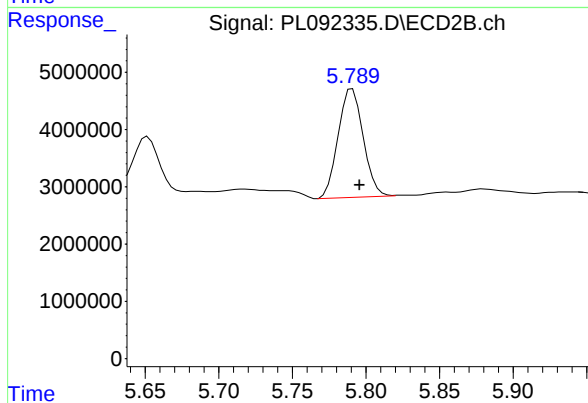
#13 Dieldrin

R.T.: 5.367 min
Delta R.T.: -0.005 min
Response: 7651309
Conc: 2.61 ng/ml



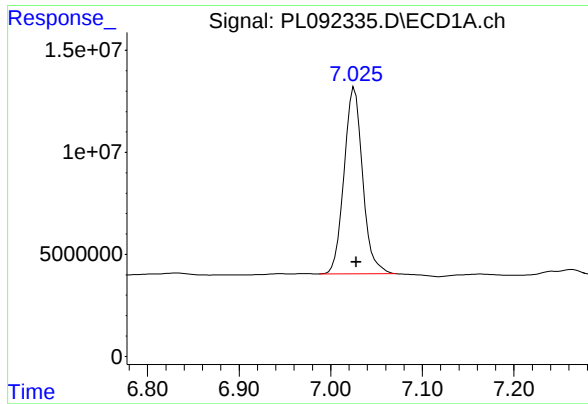
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: -0.005 min
Response: 20704781
Conc: 11.53 ng/ml m



#16 4,4'-DDD

R.T.: 5.791 min
Delta R.T.: -0.005 min
Response: 22452686
Conc: 10.51 ng/ml



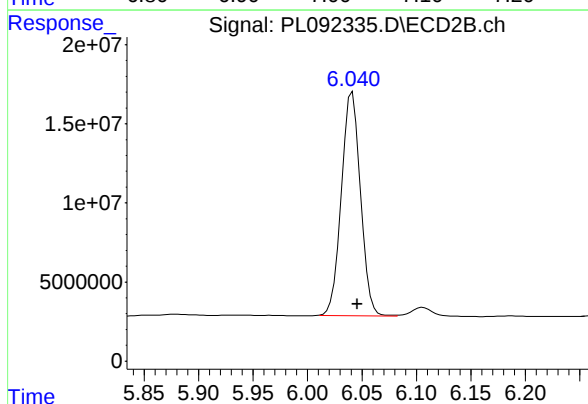
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: -0.002 min
Response: 128461449
Conc: 69.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-2

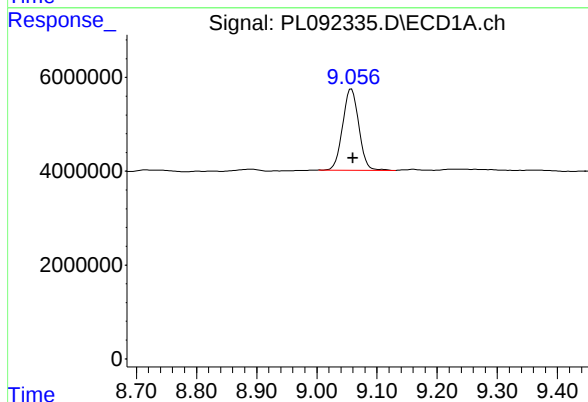
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



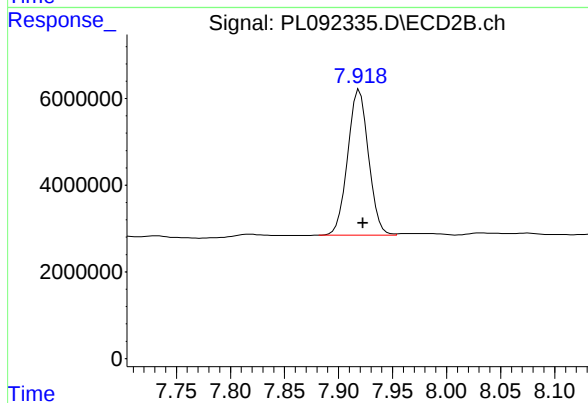
#17 4,4'-DDT

R.T.: 6.041 min
Delta R.T.: -0.004 min
Response: 171557564
Conc: 74.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: -0.003 min
Response: 32225459
Conc: 19.67 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.919 min
Delta R.T.: -0.003 min
Response: 45054250
Conc: 18.01 ng/ml

Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-3	SDG No.:	P4385
Lab Sample ID:	P4385-06	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	94.1 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
PL092343.D	1	10/11/24 09:00	10/11/24 16:32	PB164067

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	0.52	U	0.52	1.80	ug/kg
319-86-8	delta-BHC	0.50	U	0.50	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	0.15	U	0.15	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	0.80	J	0.16	1.80	ug/kg
72-55-9	4,4-DDE	23.0		0.14	1.80	ug/kg
72-20-8	Endrin	0.17	U	0.17	1.80	ug/kg
33213-65-9	Endosulfan II	0.32	U	0.32	1.80	ug/kg
72-54-8	4,4-DDD	4.30		0.20	1.80	ug/kg
1031-07-8	Endosulfan Sulfate	0.14	U	0.14	1.80	ug/kg
50-29-3	4,4-DDT	19.7		0.18	1.80	ug/kg
72-43-5	Methoxychlor	0.40	U	0.40	1.80	ug/kg
53494-70-5	Endrin ketone	0.23	U	0.23	1.80	ug/kg
7421-93-4	Endrin aldehyde	0.41	U	0.41	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	5.50	U	5.50	35.0	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.1		30 (10) - 150 (148)	95%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.0		30 (10) - 150 (159)	100%	SPK: 20

Report of Analysis

Client:	Scheideler Excavating Co. Inc.		Date Collected:	10/10/24	
Project:	Robbinsville		Date Received:	10/10/24	
Client Sample ID:	SP-3		SDG No.:	P4385	
Lab Sample ID:	P4385-06		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	94.1	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
PL092343.D	1	10/11/24 09:00	10/11/24 16:32	PB164067

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\PL101224\
 Data File : PL092343.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Oct 2024 16:32
 Operator : AR\AJ
 Sample : P4385-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SP-3

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/14/2024
 Supervised By :Ankita Jodhani 10/14/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 14 02:49:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 16:44:57 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	44413014	48847160	19.964m	19.476
28) SA Decachlor...	9.058	7.919	31247665	43223669	19.074	17.276
Target Compounds						
12) B 4,4'-DDE	6.194	5.235	127.8E6	180.7E6	59.051	65.025
13) MA Dieldrin	6.344	5.365	5511596	6332156	2.260m	2.160m
16) A 4,4'-DDD	6.710	5.791	21638611	25054375	12.050m	11.728
17) MA 4,4'-DDT	7.026	6.041	98949622	128.9E6	53.742	55.718

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101224\
Data File : PL092343.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Oct 2024 16:32
Operator : AR\AJ
Sample : P4385-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

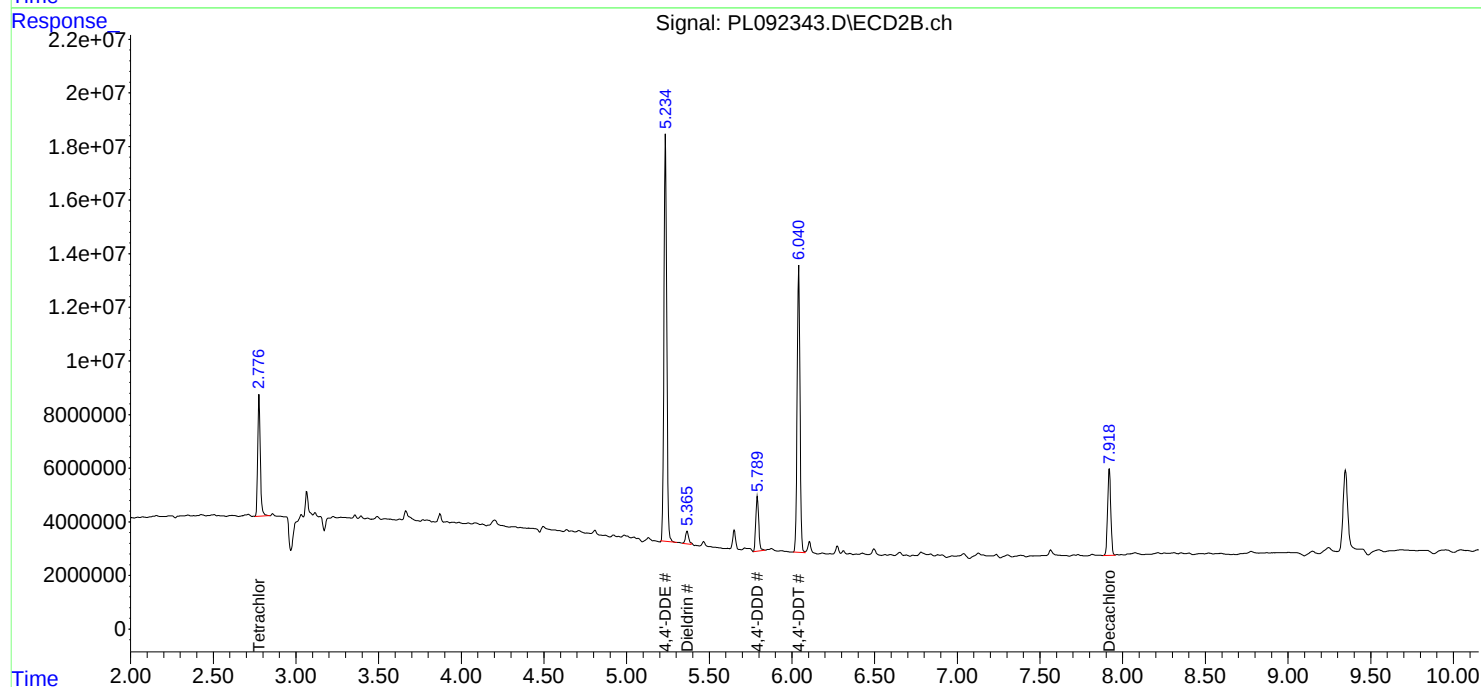
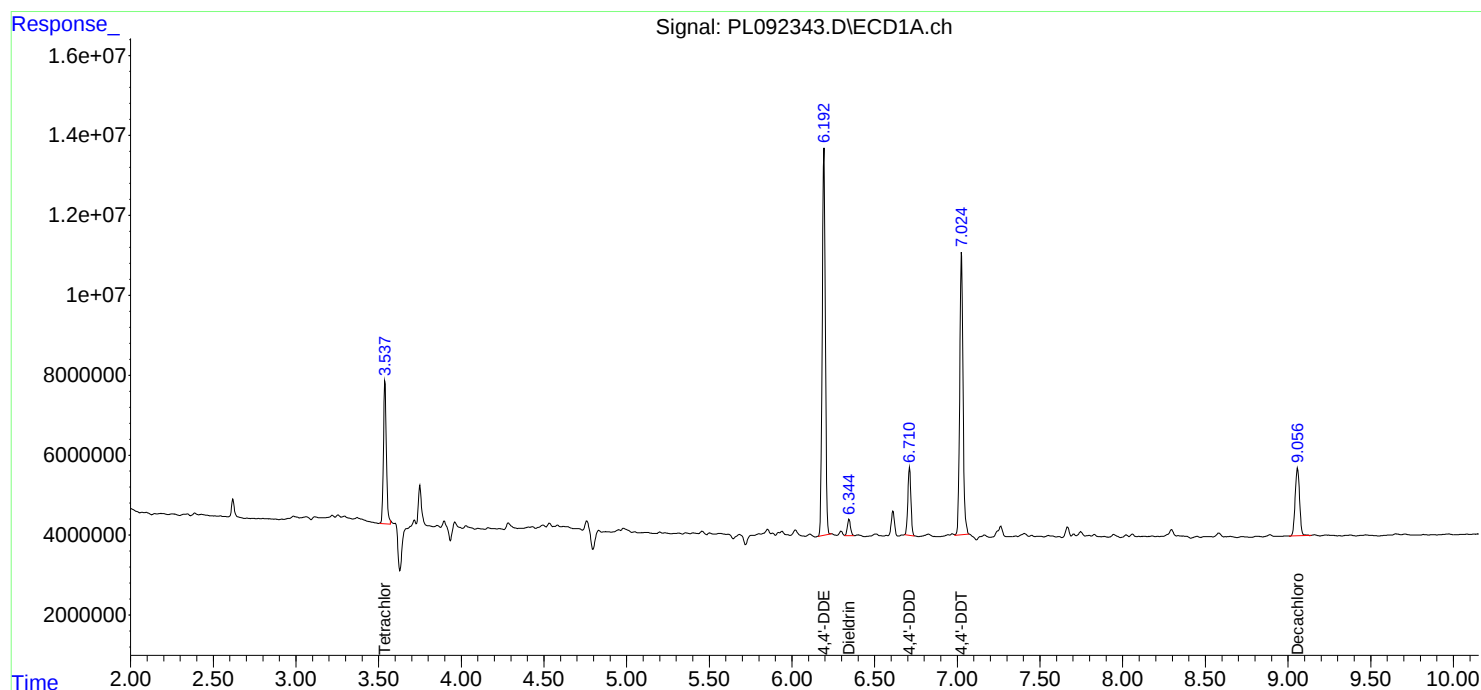
Instrument :
ECD_L
ClientSampleId :
SP-3

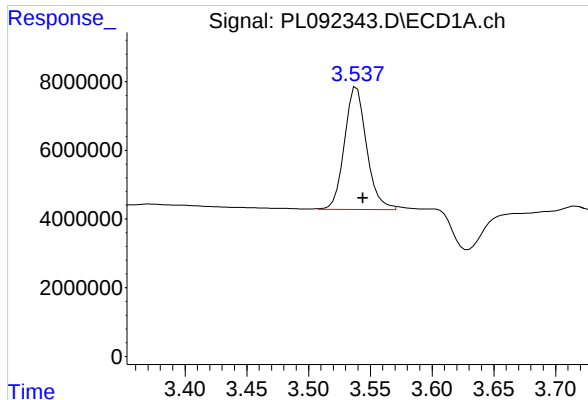
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 10/14/2024
Supervised By : Ankita Jodhani 10/14/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 02:49:14 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 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





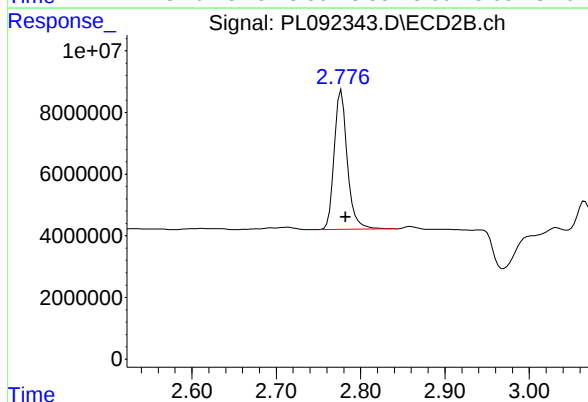
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: -0.007 min
Response: 44413014
Conc: 19.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-3

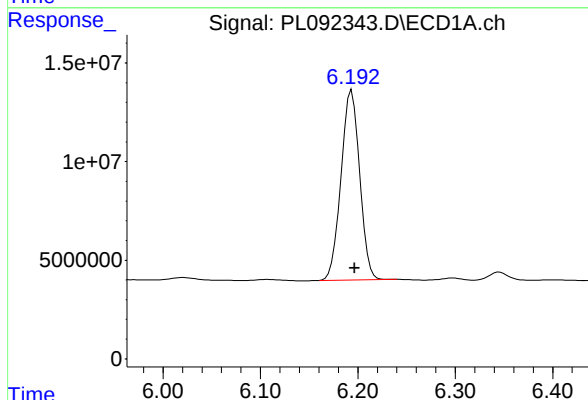
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



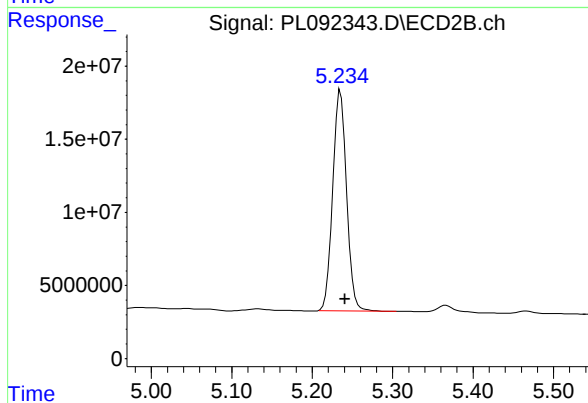
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: -0.005 min
Response: 48847160
Conc: 19.48 ng/ml



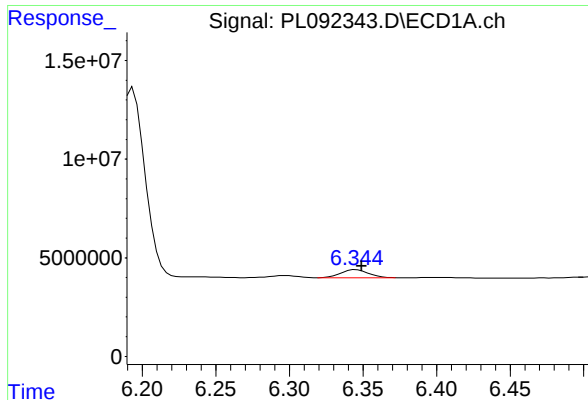
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: -0.003 min
Response: 127811670
Conc: 59.05 ng/ml



#12 4,4'-DDE

R.T.: 5.235 min
Delta R.T.: -0.006 min
Response: 180695273
Conc: 65.03 ng/ml



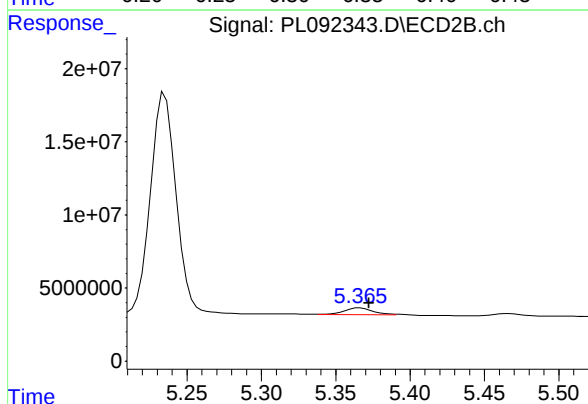
#13 Dieldrin

R.T.: 6.344 min
Delta R.T.: -0.005 min
Response: 5511596
Conc: 2.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-3

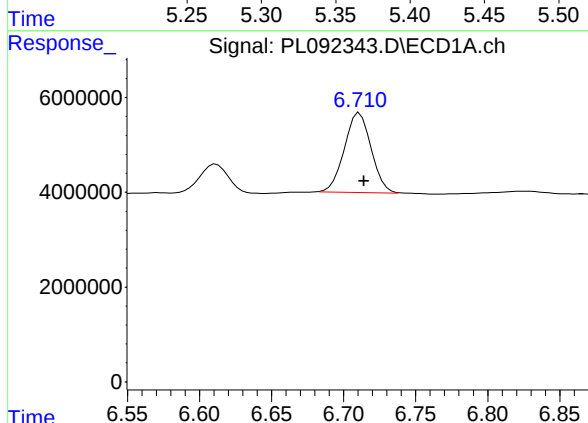
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



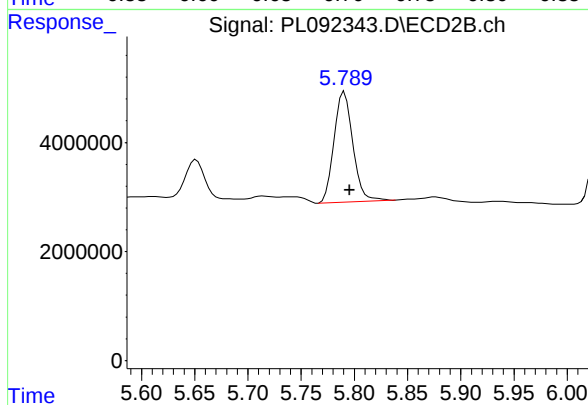
#13 Dieldrin

R.T.: 5.365 min
Delta R.T.: -0.007 min
Response: 6332156
Conc: 2.16 ng/ml



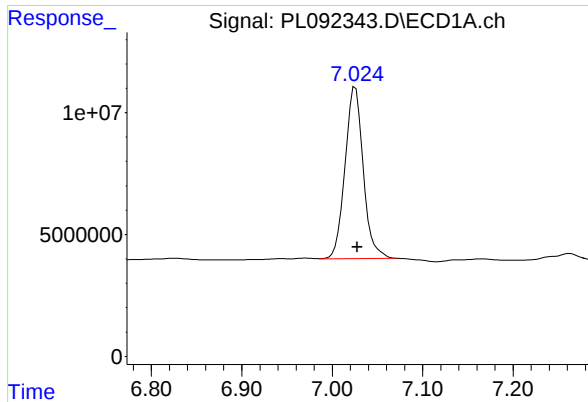
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: -0.005 min
Response: 21638611
Conc: 12.05 ng/ml



#16 4,4'-DDD

R.T.: 5.791 min
Delta R.T.: -0.005 min
Response: 25054375
Conc: 11.73 ng/ml



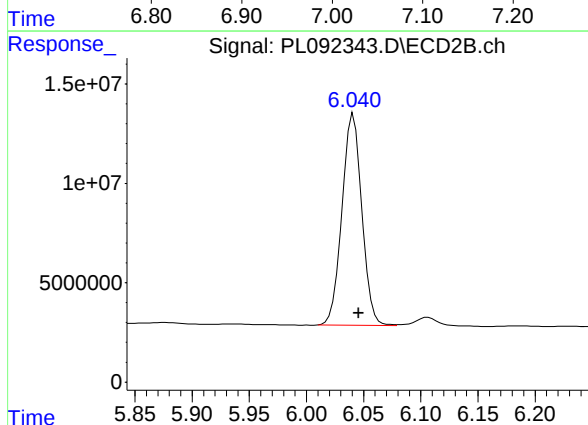
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: -0.002 min
Response: 98949622
Conc: 53.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-3

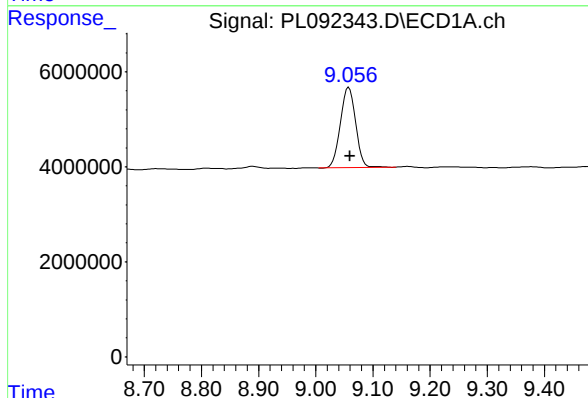
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



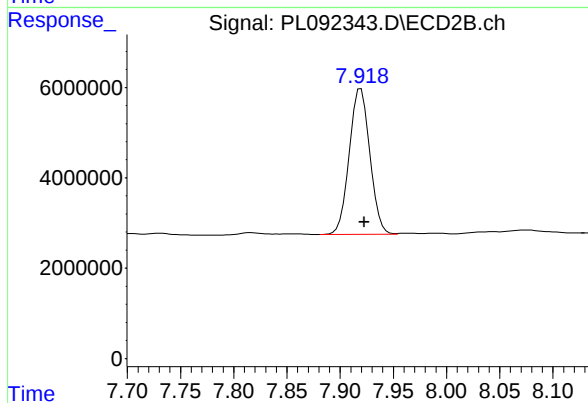
#17 4,4'-DDT

R.T.: 6.041 min
Delta R.T.: -0.005 min
Response: 128885351
Conc: 55.72 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: -0.003 min
Response: 31247665
Conc: 19.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.919 min
Delta R.T.: -0.003 min
Response: 43223669
Conc: 17.28 ng/ml

Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-4	SDG No.:	P4385
Lab Sample ID:	P4385-08	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	99.1 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
PL092338.D	1	10/11/24 09:00	10/11/24 14:58	PB164067

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	0.26	JP	0.15	1.70	ug/kg
72-55-9	4,4-DDE	5.60		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	0.95	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	6.70		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	5.30	U	5.30	33.3	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.3		30 (10) - 150 (148)	106%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.9		30 (10) - 150 (159)	104%	SPK: 20

Report of Analysis

Client:	Scheideler Excavating Co. Inc.		Date Collected:	10/10/24	
Project:	Robbinsville		Date Received:	10/10/24	
Client Sample ID:	SP-4		SDG No.:	P4385	
Lab Sample ID:	P4385-08		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	99.1	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
PL092338.D	1	10/11/24 09:00	10/11/24 14:58	PB164067

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\PL101224\
 Data File : PL092338.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Oct 2024 14:58
 Operator : AR\AJ
 Sample : P4385-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SP-4

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/14/2024
 Supervised By : Ankita Jodhani 10/14/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 14 02:42:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 16:44:57 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	46466918	51150448	20.887m	20.394
28) SA Decachlor...	9.057	7.919	34825067	50085706	21.258	20.019
Target Compounds						
12) B 4,4'-DDE	6.193	5.236	36031361	46681604	16.647	16.799
13) MA Dieldrin	6.345	5.365	1907498	1749813	0.782	0.597m
16) A 4,4'-DDD	6.709	5.791	5068192	4488469	2.822m	2.101 #
17) MA 4,4'-DDT	7.025	6.041	36767612	43472016	19.969	18.793

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101224\
Data File : PL092338.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Oct 2024 14:58
Operator : AR\AJ
Sample : P4385-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

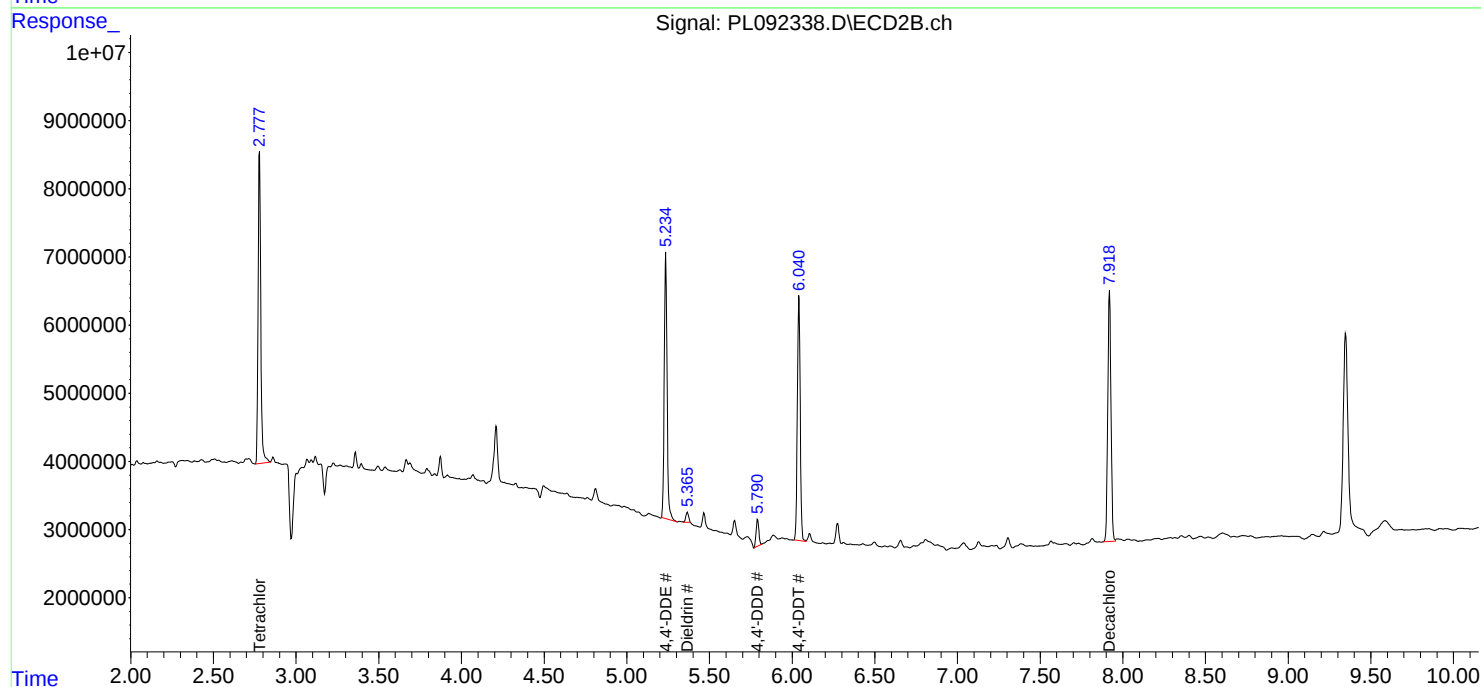
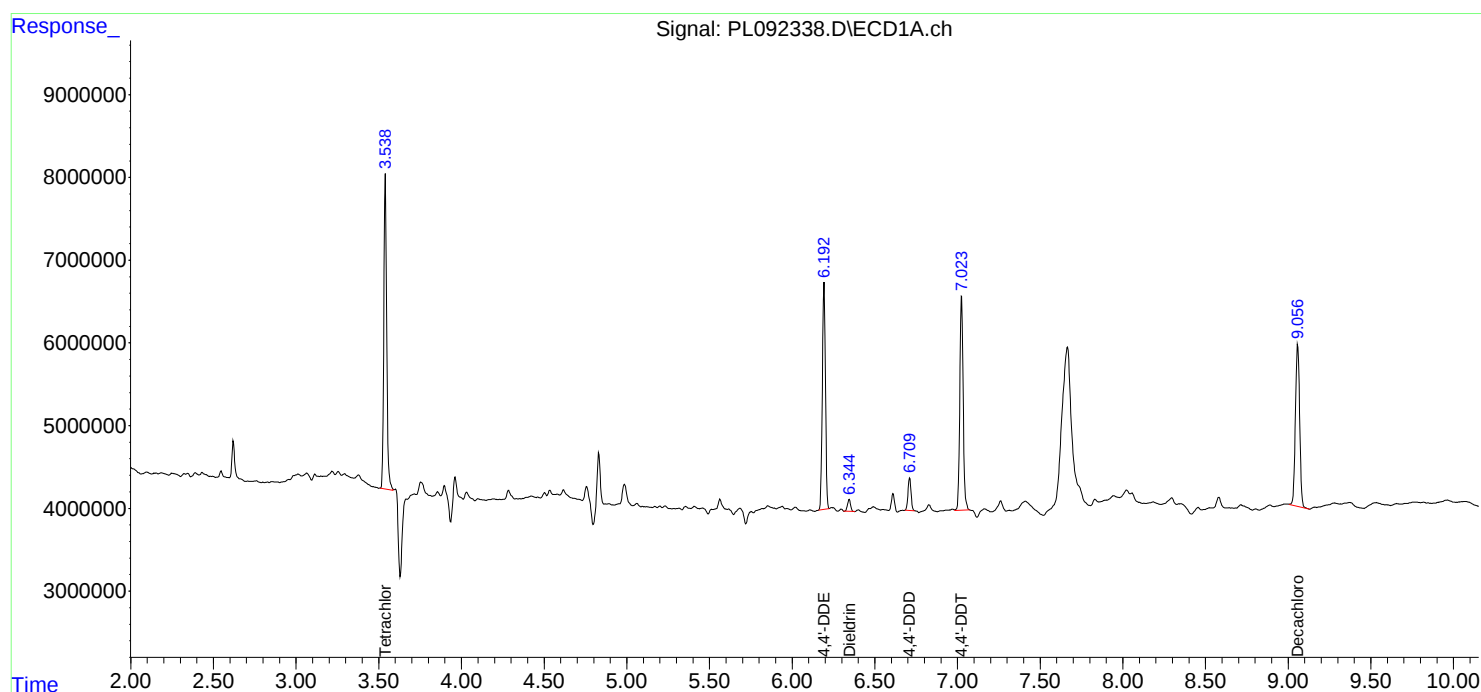
Instrument :
ECD_L
ClientSampleId :
SP-4

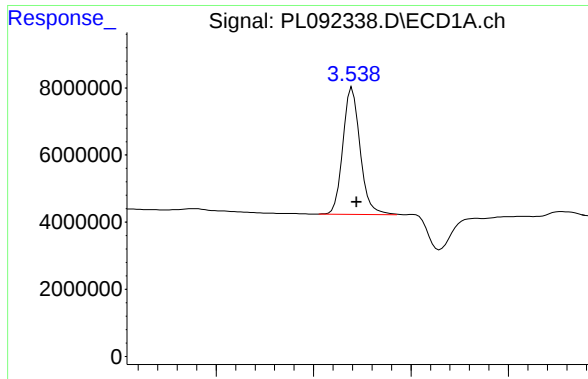
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 10/14/2024
Supervised By : Ankita Jodhani 10/14/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 02:42:46 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 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





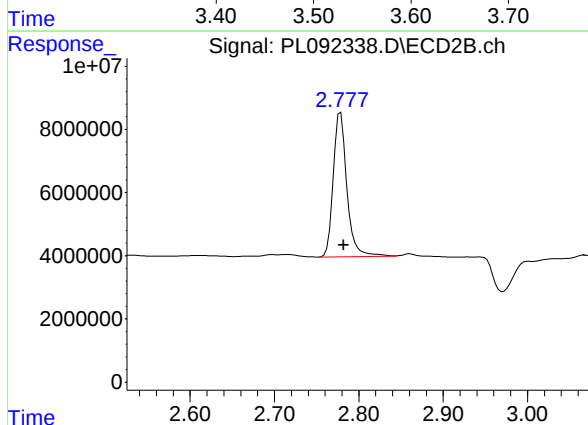
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: -0.006 min
Response: 46466918
Conc: 20.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-4

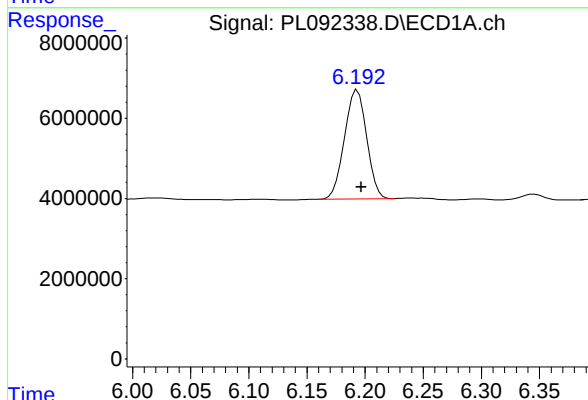
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



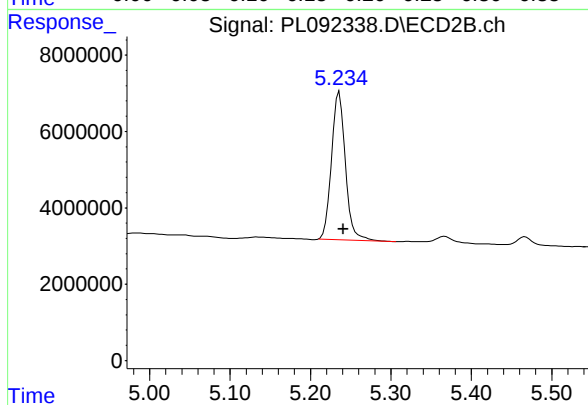
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: -0.004 min
Response: 51150448
Conc: 20.39 ng/ml



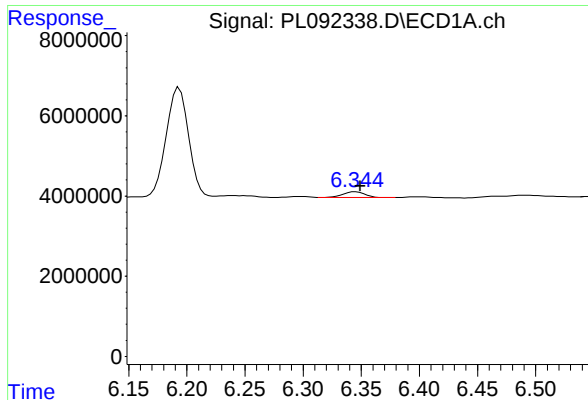
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: -0.003 min
Response: 36031361
Conc: 16.65 ng/ml



#12 4,4'-DDE

R.T.: 5.236 min
Delta R.T.: -0.005 min
Response: 46681604
Conc: 16.80 ng/ml



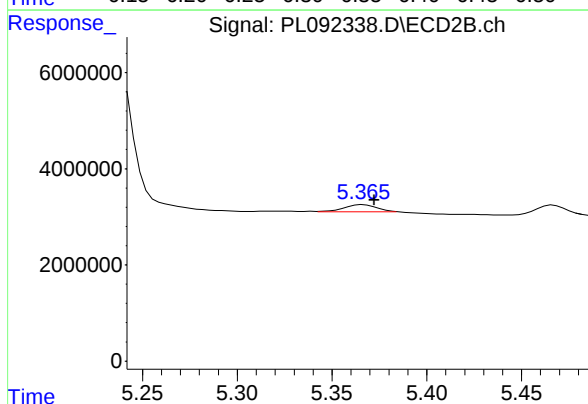
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: -0.004 min
Response: 1907498
Conc: 0.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-4

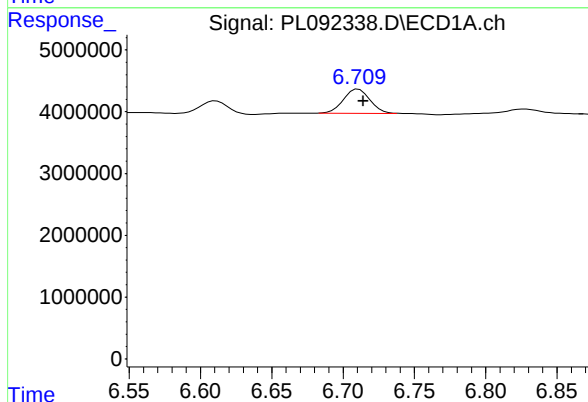
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



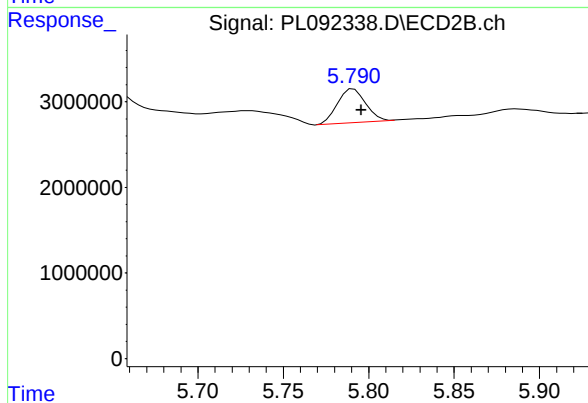
#13 Dieldrin

R.T.: 5.365 min
Delta R.T.: -0.007 min
Response: 1749813
Conc: 0.60 ng/ml



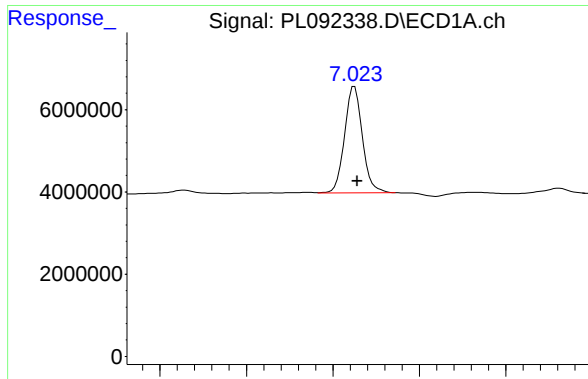
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: -0.005 min
Response: 5068192
Conc: 2.82 ng/ml



#16 4,4'-DDD

R.T.: 5.791 min
Delta R.T.: -0.005 min
Response: 4488469
Conc: 2.10 ng/ml



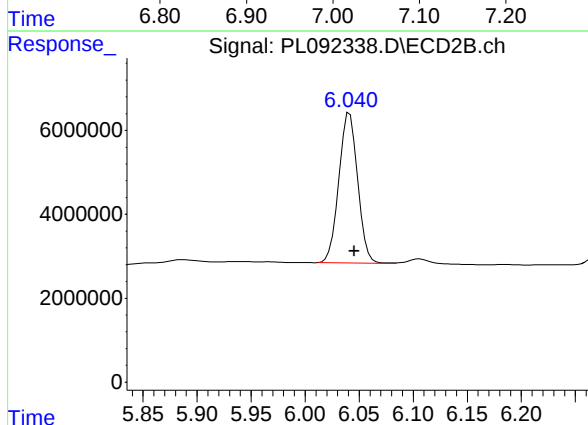
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: -0.003 min
Response: 36767612
Conc: 19.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-4

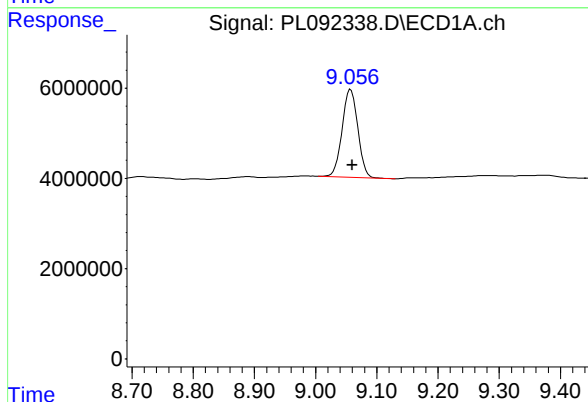
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



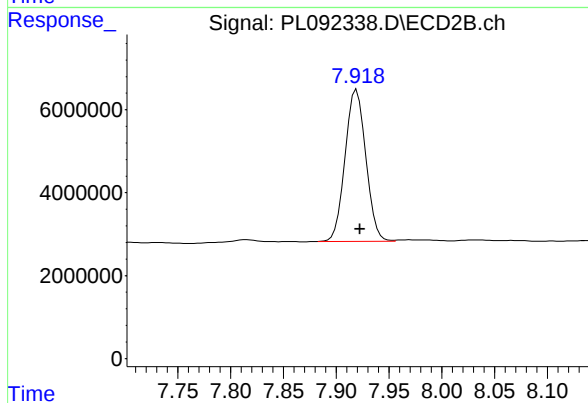
#17 4,4'-DDT

R.T.: 6.041 min
Delta R.T.: -0.004 min
Response: 43472016
Conc: 18.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: -0.003 min
Response: 34825067
Conc: 21.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.919 min
Delta R.T.: -0.003 min
Response: 50085706
Conc: 20.02 ng/ml

Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-5	SDG No.:	P4385
Lab Sample ID:	P4385-10	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	93.4 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
PL092339.D	1	10/11/24 09:00	10/11/24 15:11	PB164067

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	0.52	U	0.52	1.80	ug/kg
319-86-8	delta-BHC	0.50	U	0.50	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	0.15	U	0.15	1.80	ug/kg
1024-57-3	Heptachlor epoxide	0.25	U	0.25	1.80	ug/kg
959-98-8	Endosulfan I	0.18	U	0.18	1.80	ug/kg
60-57-1	Dieldrin	0.16	U	0.16	1.80	ug/kg
72-55-9	4,4-DDE	8.20		0.14	1.80	ug/kg
72-20-8	Endrin	0.17	U	0.17	1.80	ug/kg
33213-65-9	Endosulfan II	0.32	U	0.32	1.80	ug/kg
72-54-8	4,4-DDD	0.73	J	0.20	1.80	ug/kg
1031-07-8	Endosulfan Sulfate	0.14	U	0.14	1.80	ug/kg
50-29-3	4,4-DDT	5.40		0.18	1.80	ug/kg
72-43-5	Methoxychlor	0.41	U	0.41	1.80	ug/kg
53494-70-5	Endrin ketone	0.24	U	0.24	1.80	ug/kg
7421-93-4	Endrin aldehyde	0.42	U	0.42	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	5.60	U	5.60	35.3	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	13.3		30 (10) - 150 (148)	67%	SPK: 20
877-09-8	Tetrachloro-m-xylene	12.6		30 (10) - 150 (159)	63%	SPK: 20

Report of Analysis

Client:	Scheideler Excavating Co. Inc.		Date Collected:	10/10/24	
Project:	Robbinsville		Date Received:	10/10/24	
Client Sample ID:	SP-5		SDG No.:	P4385	
Lab Sample ID:	P4385-10		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	93.4	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
PL092339.D	1	10/11/24 09:00	10/11/24 15:11	PB164067

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\PL101224\
 Data File : PL092339.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Oct 2024 15:11
 Operator : AR\AJ
 Sample : P4385-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SP-5

Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 10/14/2024
 Supervised By : Ankita Jodhani 10/14/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 14 02:44:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 16:44:57 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	27992599	30266069	12.583m	12.067
28) SA Decachlor...	9.056	7.919	21825153	32153319	13.322	12.851
Target Compounds						
6) B beta-BHC	4.536	3.908	618003	591498	0.466m	0.394
12) B 4,4'-DDE	6.193	5.236	48860486	64190447	22.574	23.100
16) A 4,4'-DDD	6.709	5.790	3658195	3427191	2.037m	1.604
17) MA 4,4'-DDT	7.025	6.040	28069347	32216353	15.245	13.927m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101224\
Data File : PL092339.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Oct 2024 15:11
Operator : AR\AJ
Sample : P4385-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

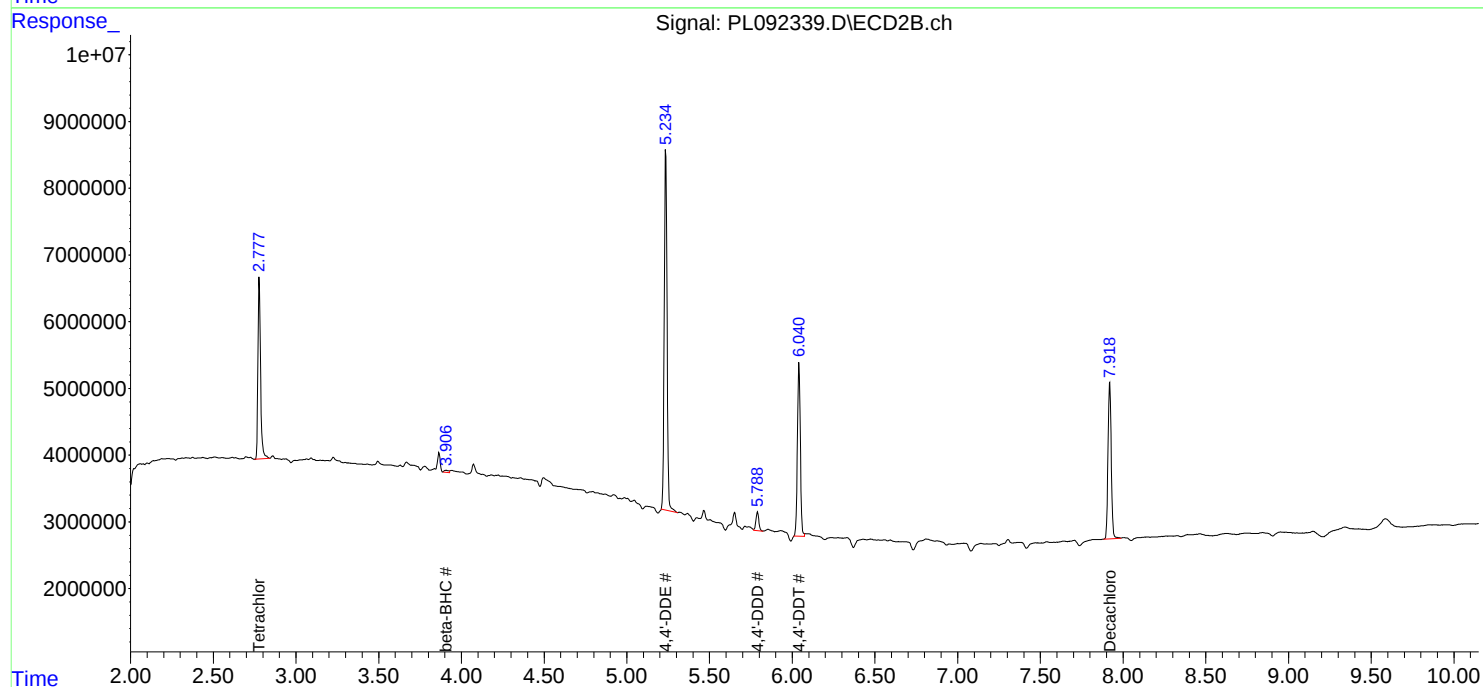
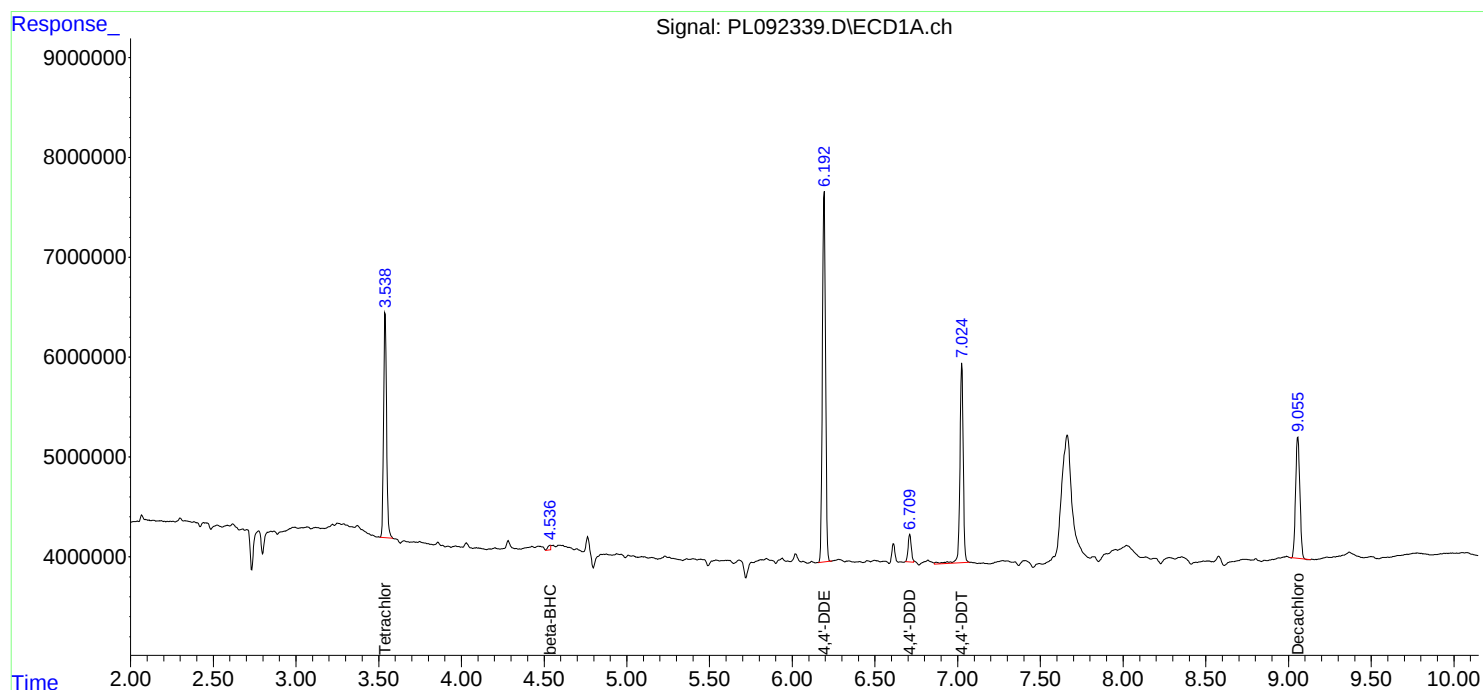
Instrument :
ECD_L
ClientSampleId :
SP-5

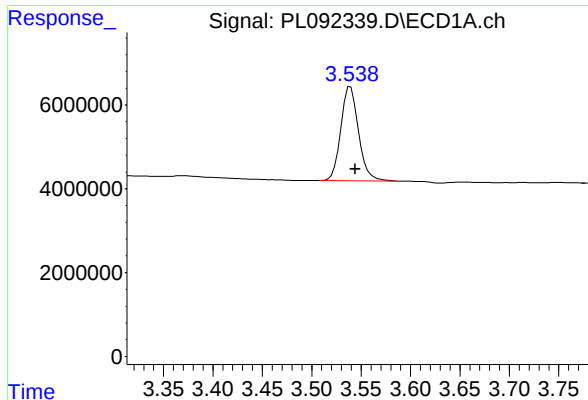
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 02:44:16 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 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





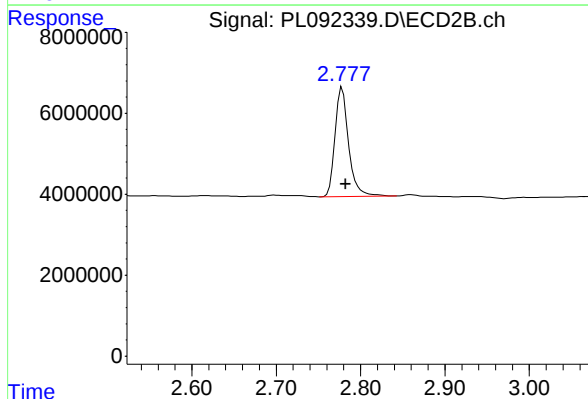
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: -0.006 min
Response: 27992599
Conc: 12.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-5

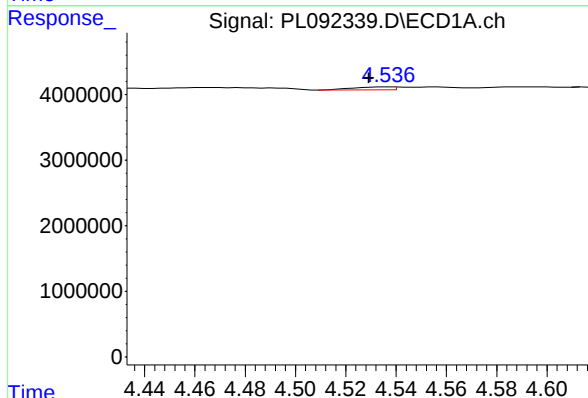
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



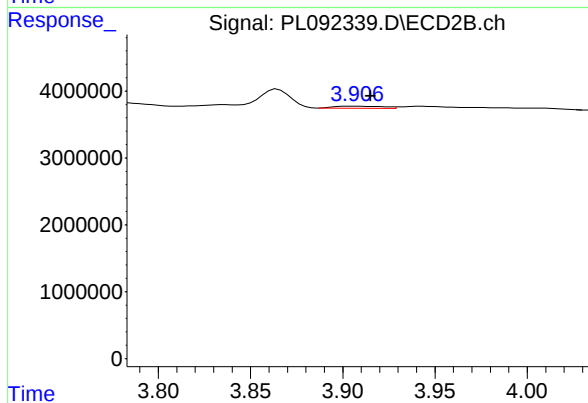
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: -0.004 min
Response: 30266069
Conc: 12.07 ng/ml



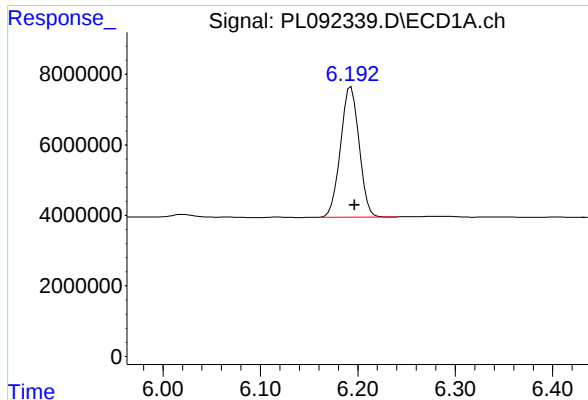
#6 beta-BHC

R.T.: 4.536 min
Delta R.T.: 0.007 min
Response: 618003
Conc: 0.47 ng/ml m



#6 beta-BHC

R.T.: 3.908 min
Delta R.T.: -0.007 min
Response: 591498
Conc: 0.39 ng/ml



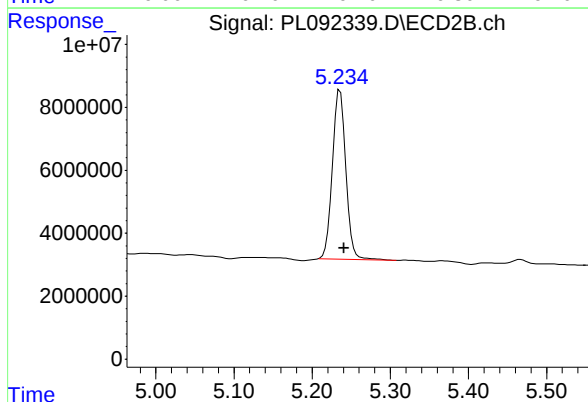
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: -0.004 min
Response: 48860486
Conc: 22.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-5

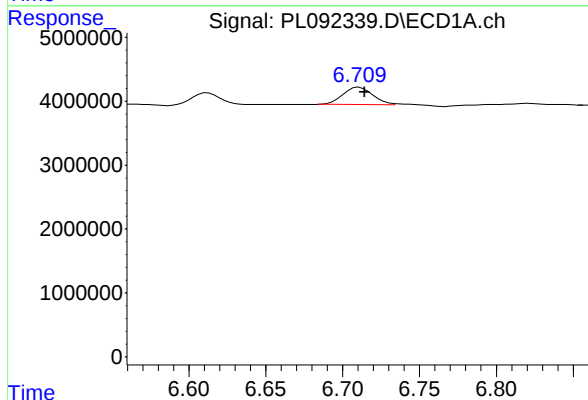
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



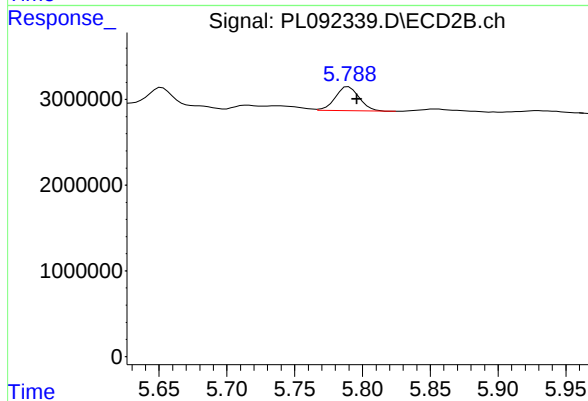
#12 4,4'-DDE

R.T.: 5.236 min
Delta R.T.: -0.005 min
Response: 64190447
Conc: 23.10 ng/ml



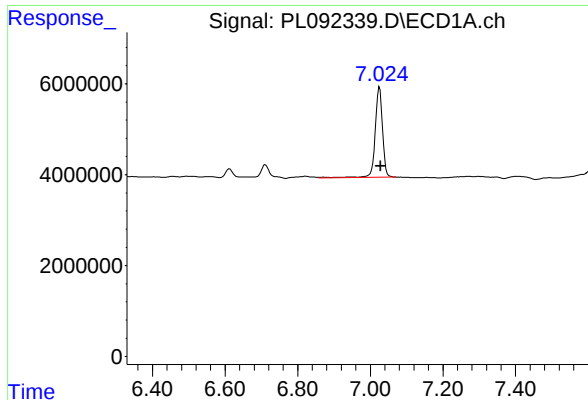
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: -0.005 min
Response: 3658195
Conc: 2.04 ng/ml m



#16 4,4'-DDD

R.T.: 5.790 min
Delta R.T.: -0.006 min
Response: 3427191
Conc: 1.60 ng/ml



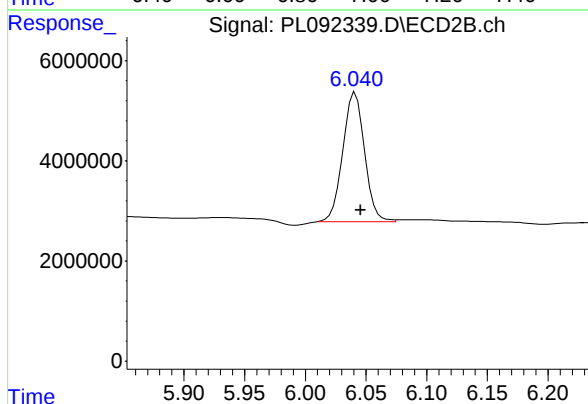
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: -0.003 min
Response: 28069347
Conc: 15.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-5

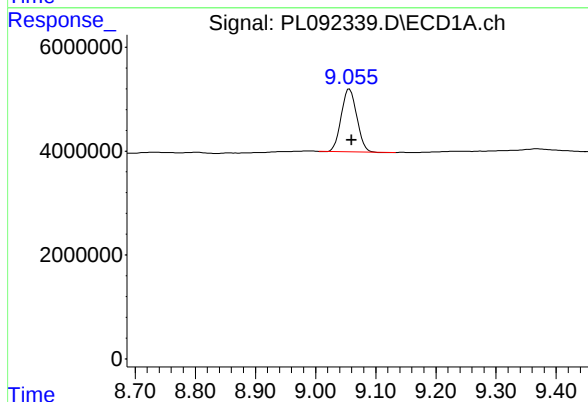
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



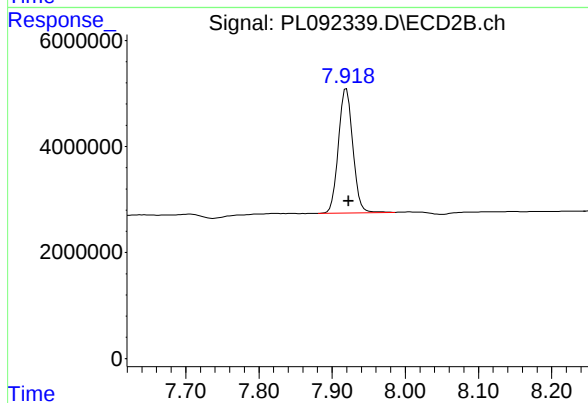
#17 4,4'-DDT

R.T.: 6.040 min
Delta R.T.: -0.006 min
Response: 32216353
Conc: 13.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: -0.004 min
Response: 21825153
Conc: 13.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.919 min
Delta R.T.: -0.003 min
Response: 32153319
Conc: 12.85 ng/ml

Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-6	SDG No.:	P4385
Lab Sample ID:	P4385-12	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	93 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
PL092345.D	1	10/11/24 09:00	10/11/24 17:18	PB164067

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	0.53	U	0.53	1.80	ug/kg
319-86-8	delta-BHC	0.50	U	0.50	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	0.15	U	0.15	1.80	ug/kg
1024-57-3	Heptachlor epoxide	0.25	U	0.25	1.80	ug/kg
959-98-8	Endosulfan I	0.18	U	0.18	1.80	ug/kg
60-57-1	Dieldrin	0.54	J	0.16	1.80	ug/kg
72-55-9	4,4-DDE	12.7		0.14	1.80	ug/kg
72-20-8	Endrin	0.17	U	0.17	1.80	ug/kg
33213-65-9	Endosulfan II	0.32	U	0.32	1.80	ug/kg
72-54-8	4,4-DDD	1.90		0.20	1.80	ug/kg
1031-07-8	Endosulfan Sulfate	0.14	U	0.14	1.80	ug/kg
50-29-3	4,4-DDT	12.7		0.18	1.80	ug/kg
72-43-5	Methoxychlor	0.41	U	0.41	1.80	ug/kg
53494-70-5	Endrin ketone	0.24	U	0.24	1.80	ug/kg
7421-93-4	Endrin aldehyde	0.42	U	0.42	1.80	ug/kg
5103-71-9	alpha-Chlordane	0.23	J	0.18	1.80	ug/kg
5103-74-2	gamma-Chlordane	0.20	U	0.20	1.80	ug/kg
8001-35-2	Toxaphene	5.60	U	5.60	35.4	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	18.7		30 (10) - 150 (148)	93%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.0		30 (10) - 150 (159)	100%	SPK: 20

Report of Analysis

Client:	Scheideler Excavating Co. Inc.		Date Collected:	10/10/24	
Project:	Robbinsville		Date Received:	10/10/24	
Client Sample ID:	SP-6		SDG No.:	P4385	
Lab Sample ID:	P4385-12		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	93	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
PL092345.D	1	10/11/24 09:00	10/11/24 17:18	PB164067

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\PL101224\
 Data File : PL092345.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Oct 2024 17:18
 Operator : AR\AJ
 Sample : P4385-12
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SP-6

Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 10/14/2024
 Supervised By : Ankita Jodhani 10/14/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 14 02:50:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 16:44:57 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...	3.545	2.779	44565816	48976982	20.033m	19.528
28) SA Decachlor...	9.063	7.922	30570695	40913402	18.661	16.353
Target Compounds						
10) B gamma-Chl...	5.946	4.986	1162467	1003369	0.470m	0.334m#
11) B alpha-Chl...	6.028	5.048	1564879	908162	0.635m	0.303m#
12) B 4,4'-DDE	6.200	5.239	72157362	99136572	33.338	35.675
13) MA Dieldrin	6.350	5.369	3686465	4127904	1.512m	1.408m
16) A 4,4'-DDD	6.716	5.794	9645588	10374260	5.371m	4.856
17) MA 4,4'-DDT	7.030	6.044	65463270	81211532	35.555m	35.108

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101224\
Data File : PL092345.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Oct 2024 17:18
Operator : AR\AJ
Sample : P4385-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

SP-6

Manual Integrations

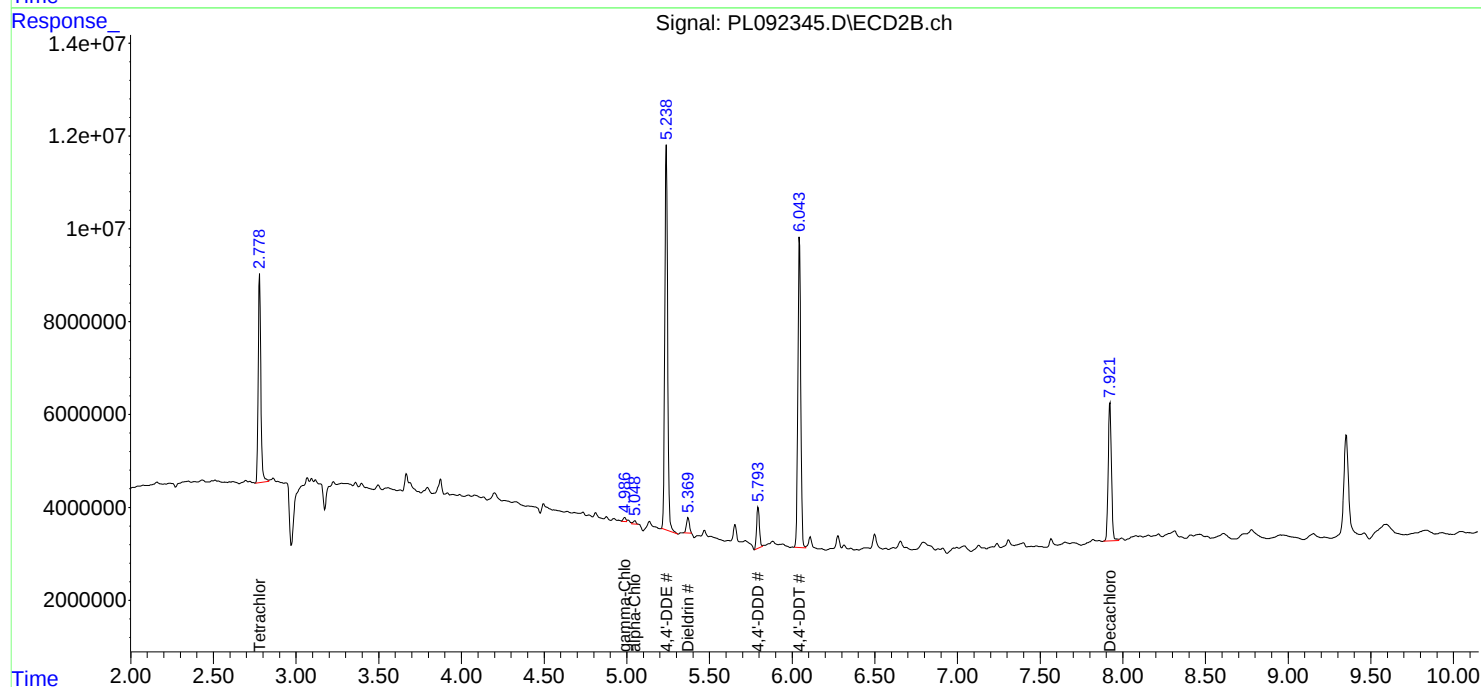
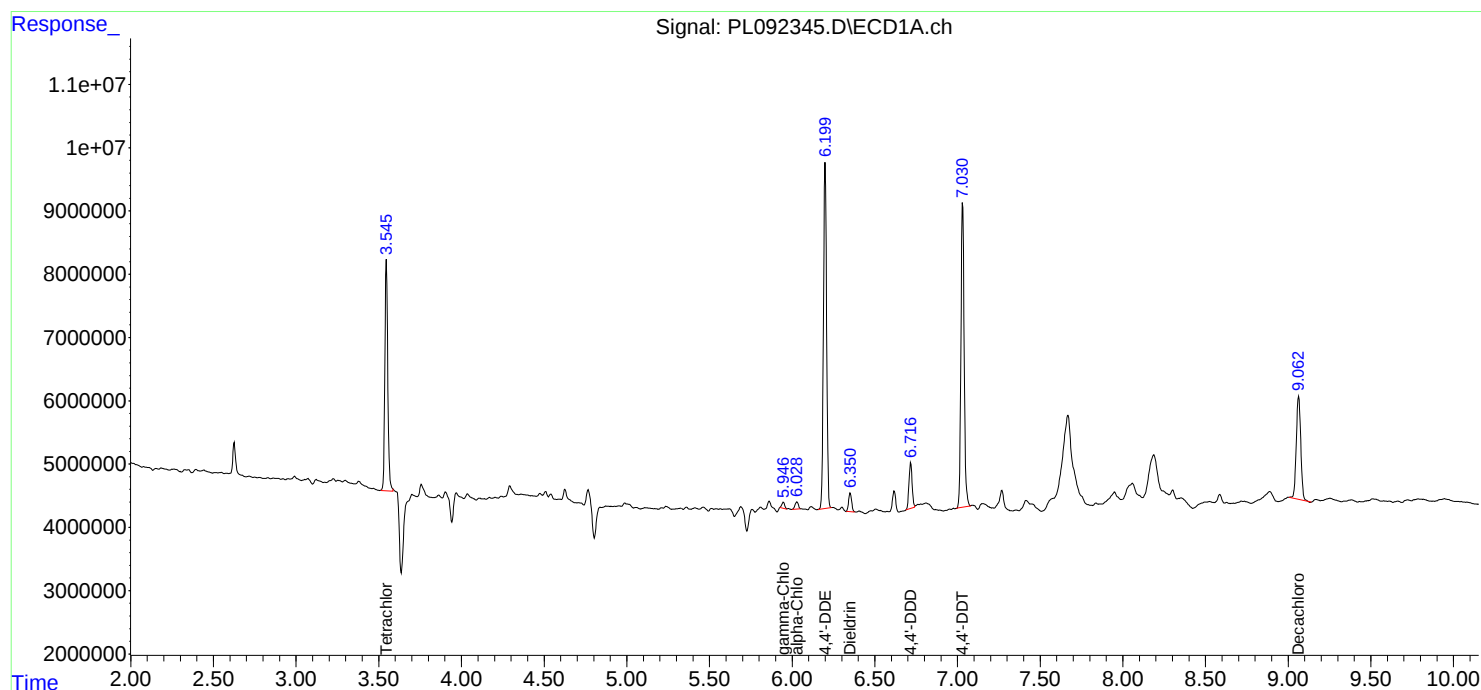
APPROVED

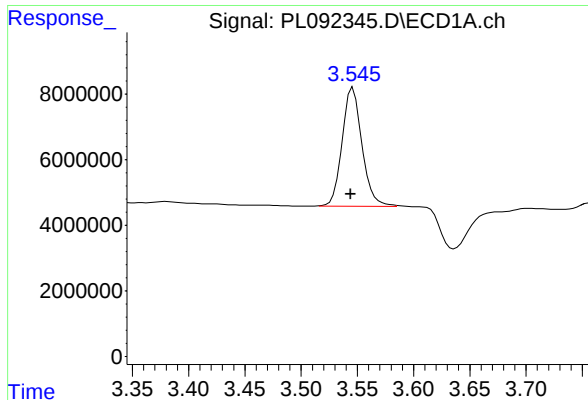
Reviewed By :Abdul Mirza 10/14/2024

Supervised By :Ankita Jodhani 10/14/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 02:50:16 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 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





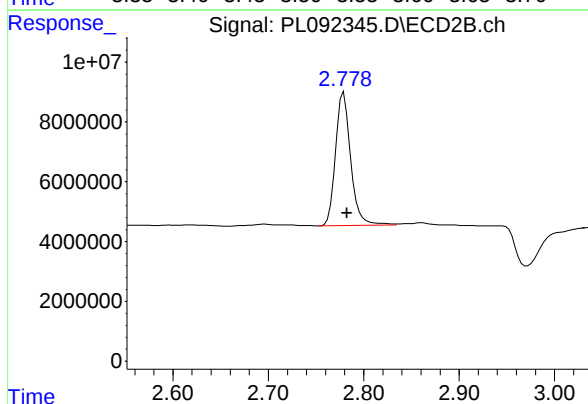
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 44565816
Conc: 20.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-6

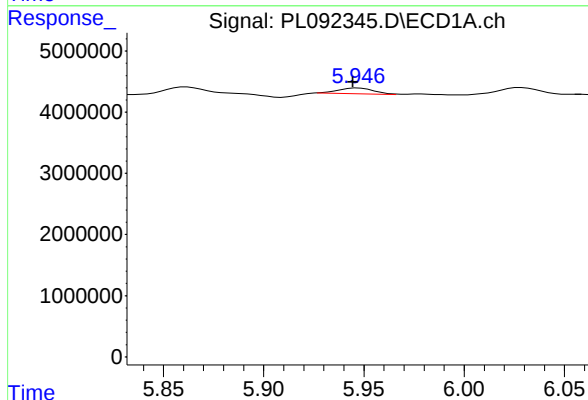
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



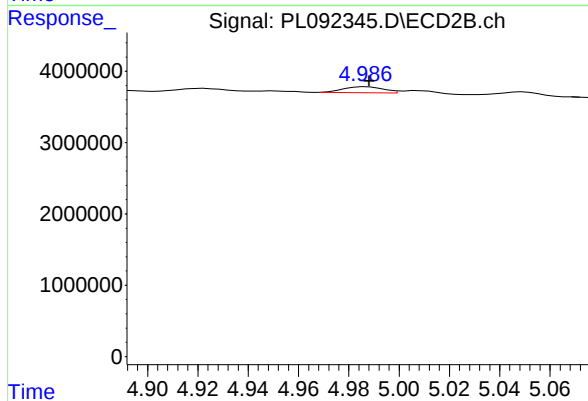
#1 Tetrachloro-m-xylene

R.T.: 2.779 min
Delta R.T.: -0.003 min
Response: 48976982
Conc: 19.53 ng/ml



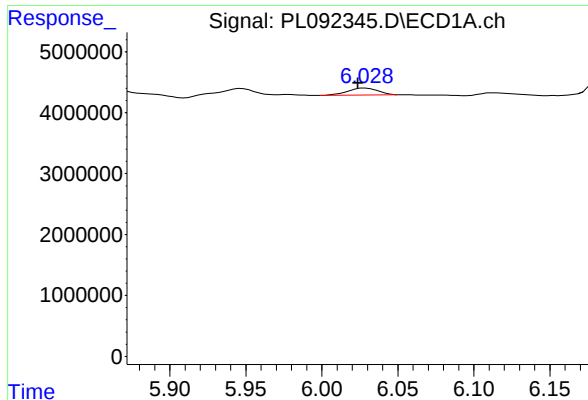
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: 0.001 min
Response: 1162467
Conc: 0.47 ng/ml m



#10 gamma-Chlordane

R.T.: 4.986 min
Delta R.T.: -0.003 min
Response: 1003369
Conc: 0.33 ng/ml m



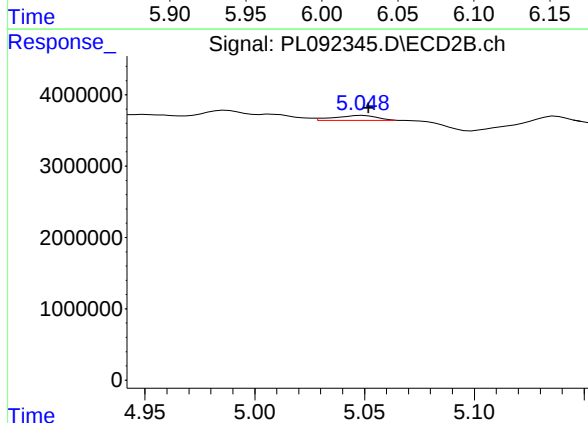
#11 alpha-Chlordane

R.T.: 6.028 min
Delta R.T.: 0.004 min
Response: 1564879
Conc: 0.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-6

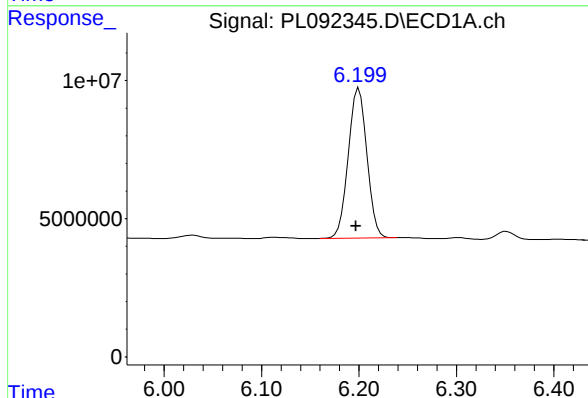
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



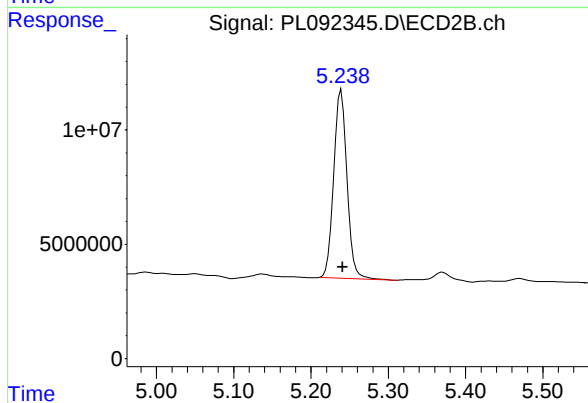
#11 alpha-Chlordane

R.T.: 5.048 min
Delta R.T.: -0.004 min
Response: 908162
Conc: 0.30 ng/ml



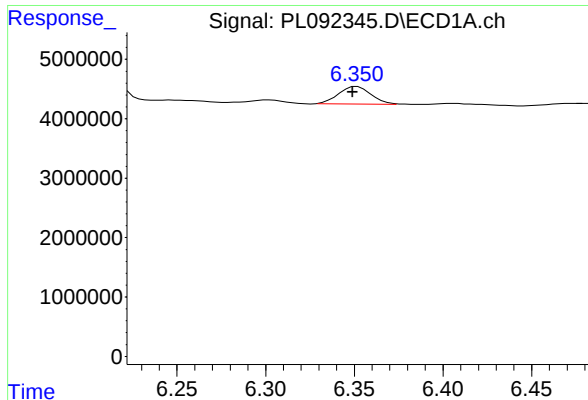
#12 4,4'-DDE

R.T.: 6.200 min
Delta R.T.: 0.003 min
Response: 72157362
Conc: 33.34 ng/ml



#12 4,4'-DDE

R.T.: 5.239 min
Delta R.T.: -0.002 min
Response: 99136572
Conc: 35.68 ng/ml



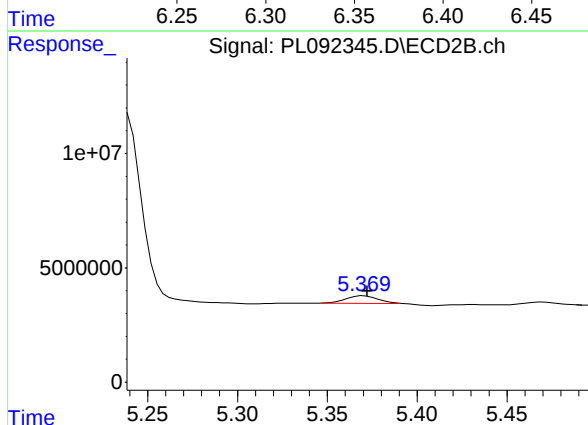
#13 Dieldrin

R.T.: 6.350 min
Delta R.T.: 0.000 min
Response: 3686465
Conc: 1.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-6

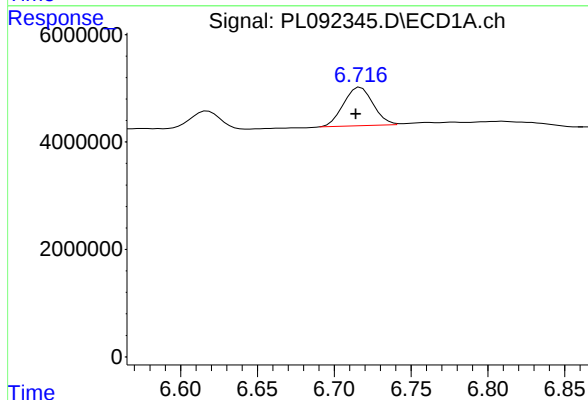
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



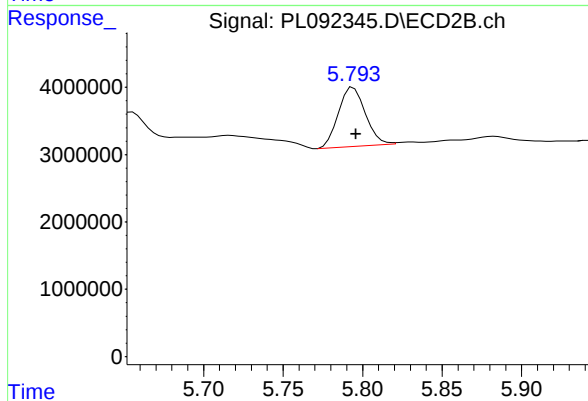
#13 Dieldrin

R.T.: 5.369 min
Delta R.T.: -0.003 min
Response: 4127904
Conc: 1.41 ng/ml



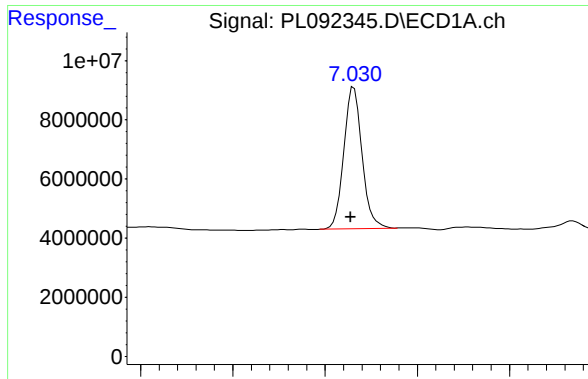
#16 4,4'-DDD

R.T.: 6.716 min
Delta R.T.: 0.001 min
Response: 9645588
Conc: 5.37 ng/ml



#16 4,4'-DDD

R.T.: 5.794 min
Delta R.T.: -0.002 min
Response: 10374260
Conc: 4.86 ng/ml



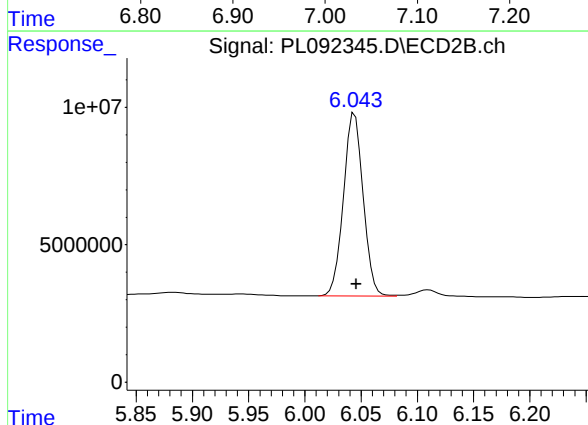
#17 4,4'-DDT

R.T.: 7.030 min
Delta R.T.: 0.002 min
Response: 65463270
Conc: 35.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-6

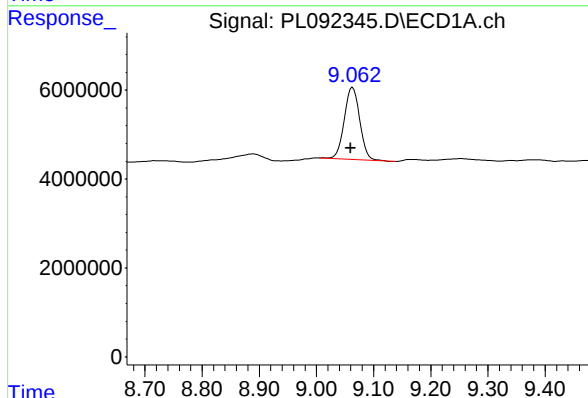
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



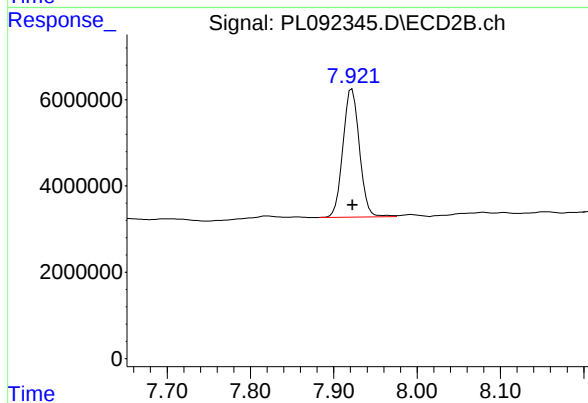
#17 4,4'-DDT

R.T.: 6.044 min
Delta R.T.: -0.001 min
Response: 81211532
Conc: 35.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: 0.003 min
Response: 30570695
Conc: 18.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.922 min
Delta R.T.: 0.000 min
Response: 40913402
Conc: 16.35 ng/ml

Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-7	SDG No.:	P4385
Lab Sample ID:	P4385-14	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	93.8 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
PL092340.D	1	10/11/24 09:00	10/11/24 15:25	PB164067

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	0.52	U	0.52	1.80	ug/kg
319-86-8	delta-BHC	0.50	U	0.50	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	0.15	U	0.15	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	0.16	U	0.16	1.80	ug/kg
72-55-9	4,4-DDE	10.0		0.14	1.80	ug/kg
72-20-8	Endrin	0.17	U	0.17	1.80	ug/kg
33213-65-9	Endosulfan II	0.32	U	0.32	1.80	ug/kg
72-54-8	4,4-DDD	1.20	J	0.20	1.80	ug/kg
1031-07-8	Endosulfan Sulfate	0.14	U	0.14	1.80	ug/kg
50-29-3	4,4-DDT	5.10		0.18	1.80	ug/kg
72-43-5	Methoxychlor	0.40	U	0.40	1.80	ug/kg
53494-70-5	Endrin ketone	0.23	U	0.23	1.80	ug/kg
7421-93-4	Endrin aldehyde	0.42	U	0.42	1.80	ug/kg
5103-71-9	alpha-Chlordane	0.67	JP	0.18	1.80	ug/kg
5103-74-2	gamma-Chlordane	0.27	J	0.20	1.80	ug/kg
8001-35-2	Toxaphene	5.60	U	5.60	35.1	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	14.2		30 (10) - 150 (148)	71%	SPK: 20
877-09-8	Tetrachloro-m-xylene	14.0		30 (10) - 150 (159)	70%	SPK: 20

Report of Analysis

Client:	Scheideler Excavating Co. Inc.		Date Collected:	10/10/24	
Project:	Robbinsville		Date Received:	10/10/24	
Client Sample ID:	SP-7		SDG No.:	P4385	
Lab Sample ID:	P4385-14		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	93.8	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
PL092340.D	1	10/11/24 09:00	10/11/24 15:25	PB164067

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\PL101224\
 Data File : PL092340.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Oct 2024 15:25
 Operator : AR\AJ
 Sample : P4385-14
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SP-7

Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 10/14/2024
 Supervised By : Ankita Jodhani 10/14/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 14 02:45:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 16:44:57 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	31127902	32750399	13.992	13.058
28) SA Decachlor...	9.057	7.920	23211629	33141224	14.169m	13.246
Target Compounds						
10) B gamma-Chl...	5.939	4.983	1856432	1374061	0.751m	0.457m#
11) B alpha-Chl...	6.023	5.044	4662547	1863838	1.893	0.623m#
12) B 4,4'-DDE	6.193	5.236	58587308	78647701	27.068	28.302
16) A 4,4'-DDD	6.710	5.791	6268834	6607860	3.491m	3.093
17) MA 4,4'-DDT	7.024	6.041	26439058	29781123	14.360m	12.875

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101224\
Data File : PL092340.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Oct 2024 15:25
Operator : AR\AJ
Sample : P4385-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

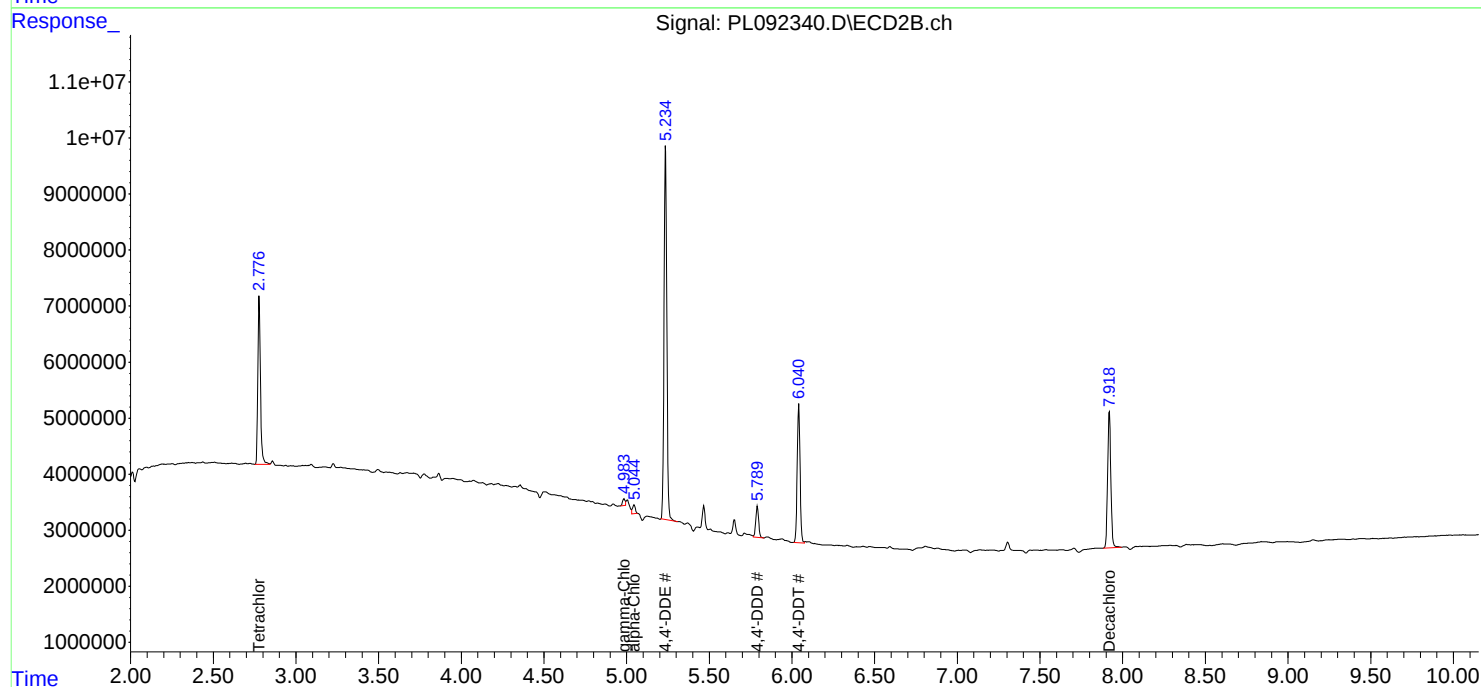
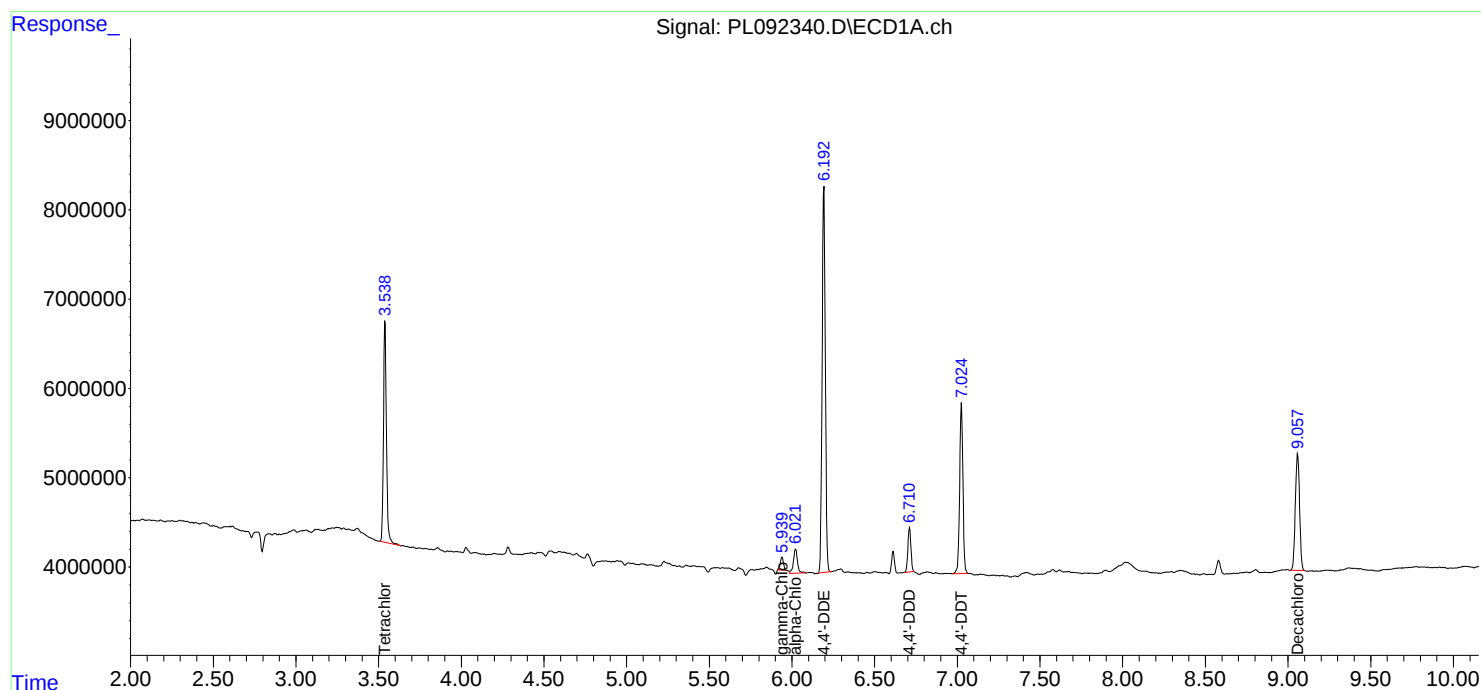
Instrument :
ECD_L
ClientSampleId :
SP-7

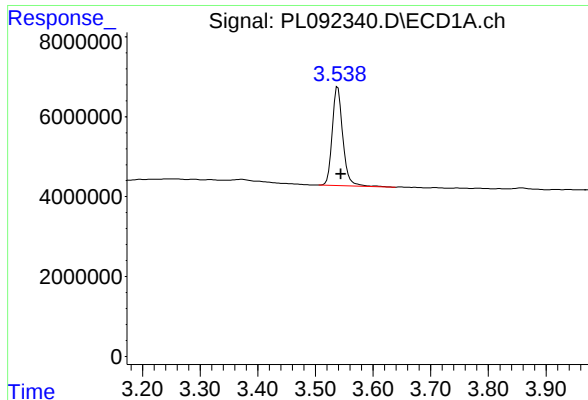
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 02:45:56 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 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





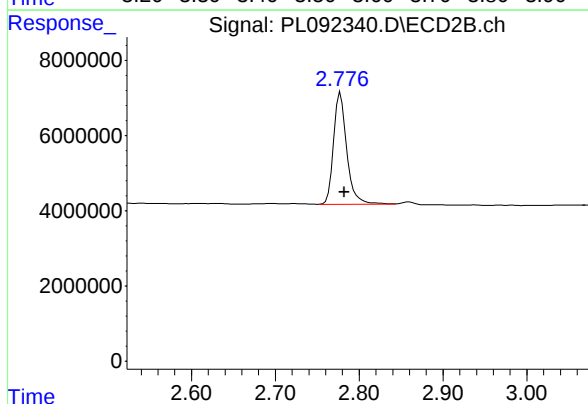
#1 Tetrachloro-m-xylene

R.T.: 3.539 min
Delta R.T.: -0.005 min
Response: 31127902
Conc: 13.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-7

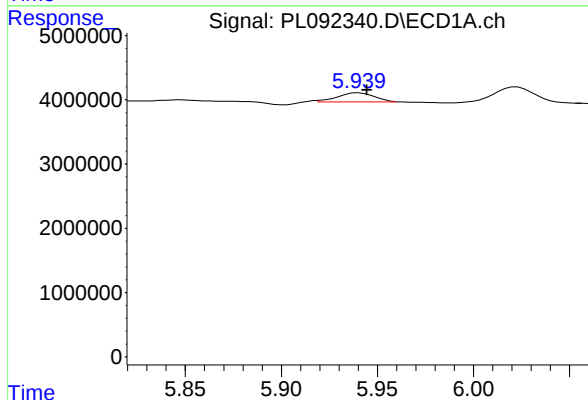
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



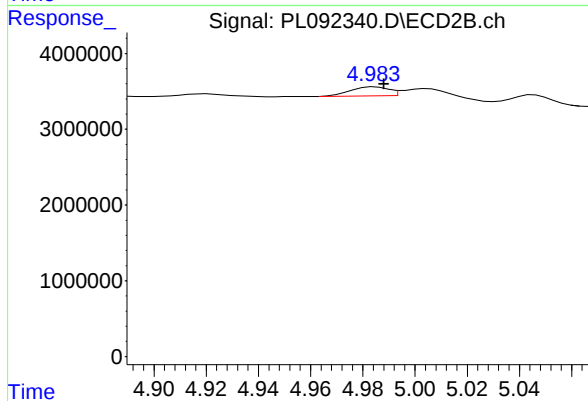
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: -0.004 min
Response: 32750399
Conc: 13.06 ng/ml



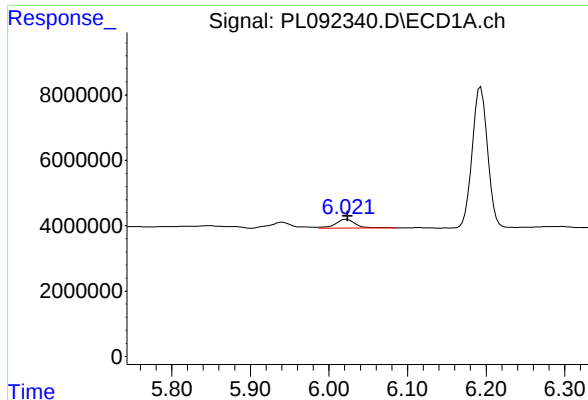
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: -0.006 min
Response: 1856432
Conc: 0.75 ng/ml m



#10 gamma-Chlordane

R.T.: 4.983 min
Delta R.T.: -0.005 min
Response: 1374061
Conc: 0.46 ng/ml m



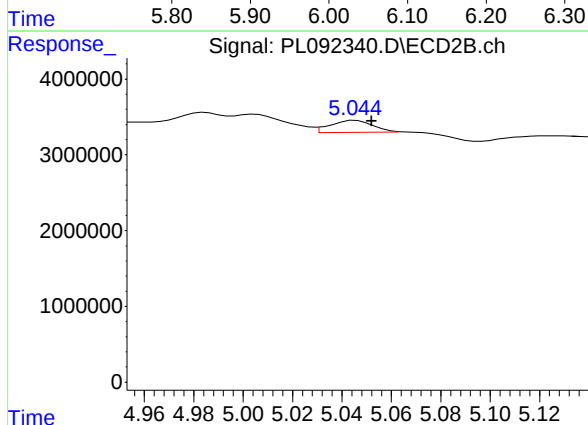
#11 alpha-Chlordane

R.T.: 6.023 min
Delta R.T.: -0.001 min
Response: 4662547
Conc: 1.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-7

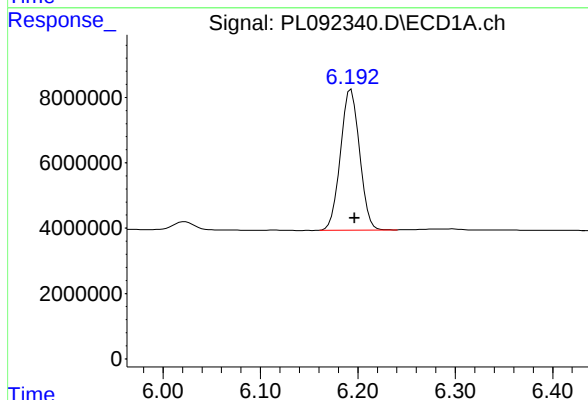
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



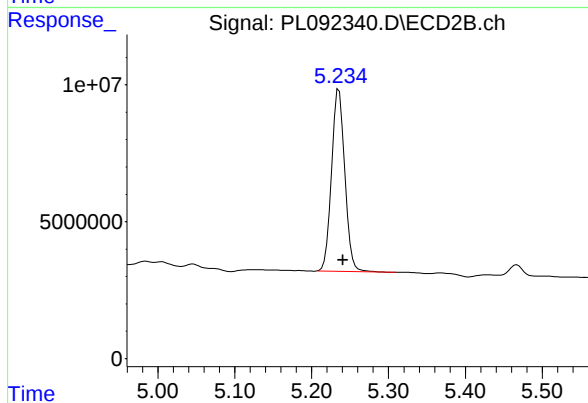
#11 alpha-Chlordane

R.T.: 5.044 min
Delta R.T.: -0.008 min
Response: 1863838
Conc: 0.62 ng/ml



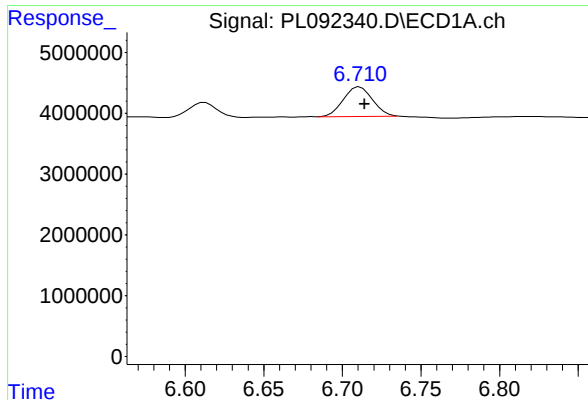
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: -0.003 min
Response: 58587308
Conc: 27.07 ng/ml



#12 4,4'-DDE

R.T.: 5.236 min
Delta R.T.: -0.005 min
Response: 78647701
Conc: 28.30 ng/ml



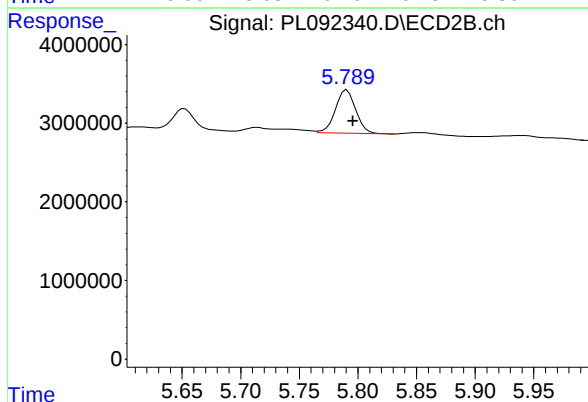
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: -0.004 min
Response: 6268834
Conc: 3.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-7

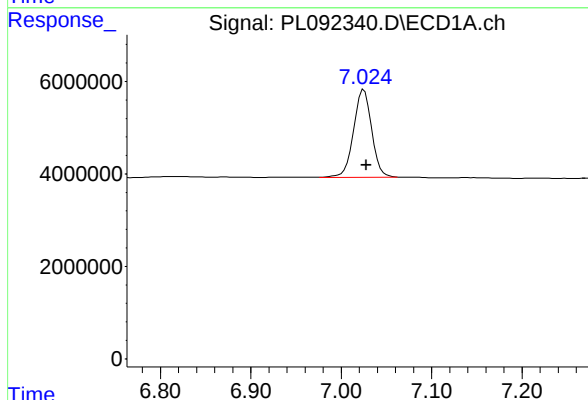
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



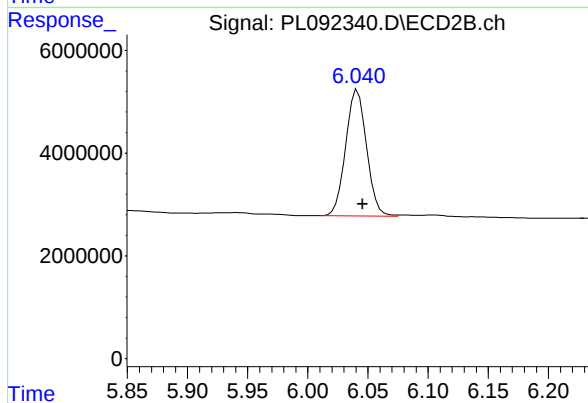
#16 4,4'-DDD

R.T.: 5.791 min
Delta R.T.: -0.005 min
Response: 6607860
Conc: 3.09 ng/ml



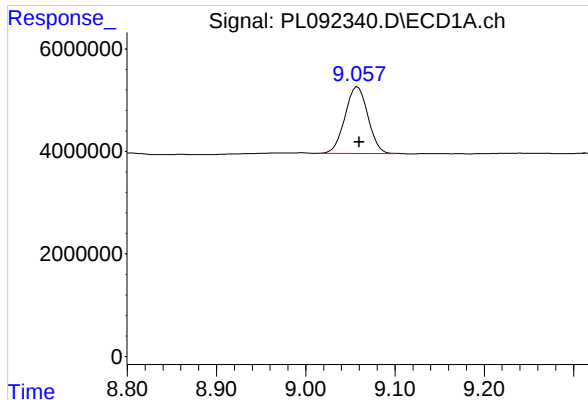
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: -0.004 min
Response: 26439058
Conc: 14.36 ng/ml m



#17 4,4'-DDT

R.T.: 6.041 min
Delta R.T.: -0.004 min
Response: 29781123
Conc: 12.87 ng/ml



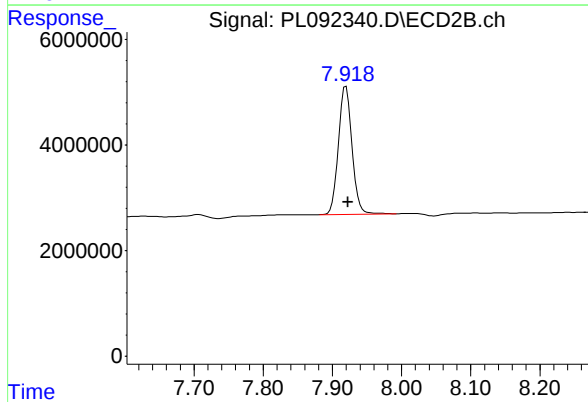
#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: -0.003 min
Response: 23211629
Conc: 14.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-7

Manual Integrations
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Reviewed By :Abdul Mirza 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



#28 Decachlorobiphenyl

R.T.: 7.920 min
Delta R.T.: -0.003 min
Response: 33141224
Conc: 13.25 ng/ml

Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-8	SDG No.:	P4385
Lab Sample ID:	P4385-16	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	94.3 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
PL092341.D	1	10/11/24 09:00	10/11/24 15:38	PB164067

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	0.52	U	0.52	1.80	ug/kg
319-86-8	delta-BHC	0.50	U	0.50	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	0.15	U	0.15	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	0.16	U	0.16	1.80	ug/kg
72-55-9	4,4-DDE	10.1		0.14	1.80	ug/kg
72-20-8	Endrin	0.17	U	0.17	1.80	ug/kg
33213-65-9	Endosulfan II	0.32	U	0.32	1.80	ug/kg
72-54-8	4,4-DDD	0.92	J	0.20	1.80	ug/kg
1031-07-8	Endosulfan Sulfate	0.14	U	0.14	1.80	ug/kg
50-29-3	4,4-DDT	5.60		0.18	1.80	ug/kg
72-43-5	Methoxychlor	0.40	U	0.40	1.80	ug/kg
53494-70-5	Endrin ketone	0.23	U	0.23	1.80	ug/kg
7421-93-4	Endrin aldehyde	0.41	U	0.41	1.80	ug/kg
5103-71-9	alpha-Chlordane	0.57	JP	0.18	1.80	ug/kg
5103-74-2	gamma-Chlordane	0.20	J	0.20	1.80	ug/kg
8001-35-2	Toxaphene	5.50	U	5.50	34.9	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	13.7		30 (10) - 150 (148)	69%	SPK: 20
877-09-8	Tetrachloro-m-xylene	13.3		30 (10) - 150 (159)	66%	SPK: 20

Report of Analysis

Client:	Scheideler Excavating Co. Inc.		Date Collected:	10/10/24	
Project:	Robbinsville		Date Received:	10/10/24	
Client Sample ID:	SP-8		SDG No.:	P4385	
Lab Sample ID:	P4385-16		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	94.3	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
PL092341.D	1	10/11/24 09:00	10/11/24 15:38	PB164067

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\PL101224\
 Data File : PL092341.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Oct 2024 15:38
 Operator : AR\AJ
 Sample : P4385-16
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SP-8

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/14/2024
 Supervised By :Ankita Jodhani 10/14/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 14 02:47:35 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 16:44:57 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	29544182	31291308	13.280	12.476
28) SA Decachlor...	9.057	7.920	22441455	30496738	13.699	12.189
Target Compounds						
10) B gamma-Chl...	5.939	4.982	1414917	1129916	0.573m	0.376m#
11) B alpha-Chl...	6.022	5.044	3953863	1828928	1.605	0.611m#
12) B 4,4'-DDE	6.193	5.236	60553243	79466668	27.977	28.597
16) A 4,4'-DDD	6.709	5.790	4678691	4725531	2.605m	2.212
17) MA 4,4'-DDT	7.025	6.041	29391216	32494149	15.963	14.047

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101224\
Data File : PL092341.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Oct 2024 15:38
Operator : AR\AJ
Sample : P4385-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

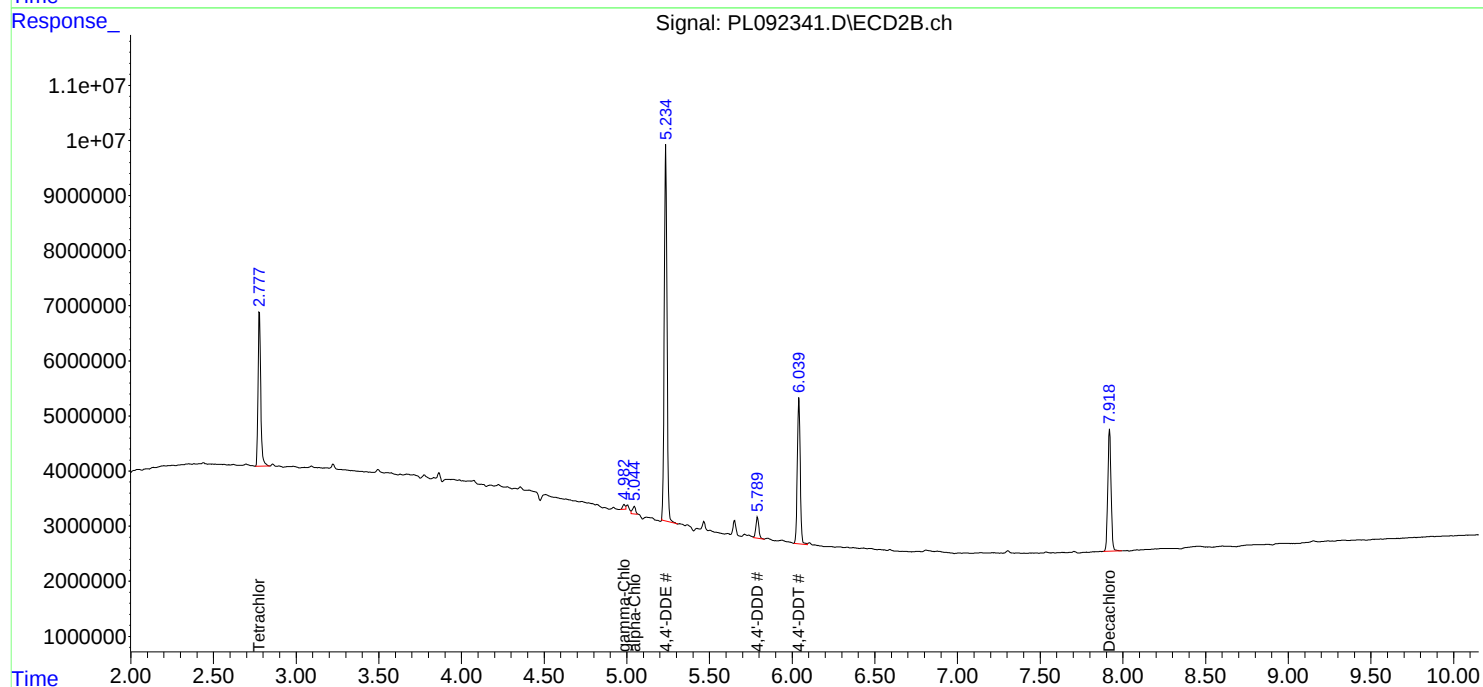
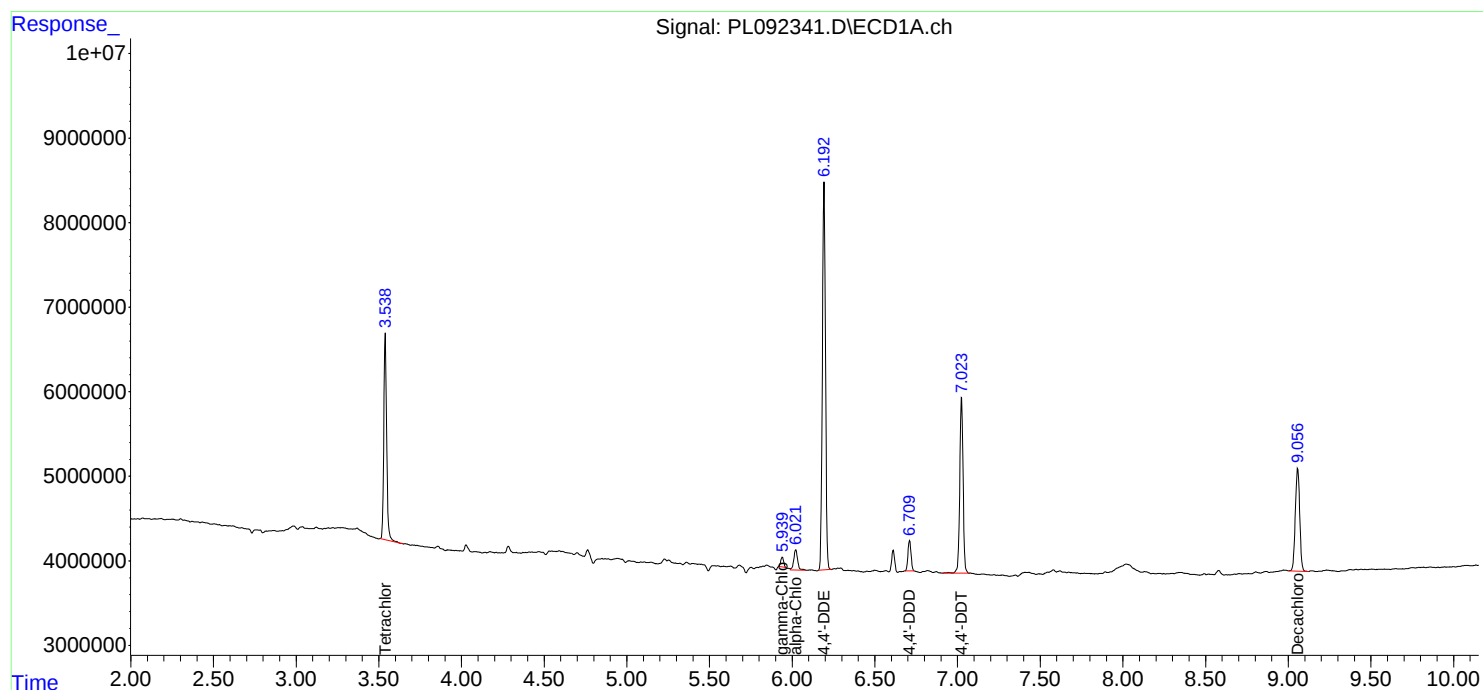
Instrument :
ECD_L
ClientSampleId :
SP-8

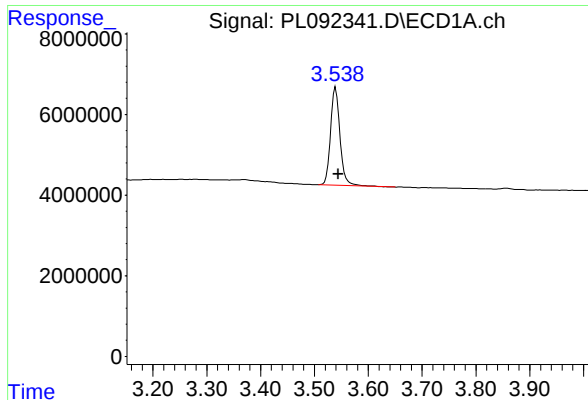
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 02:47:35 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 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





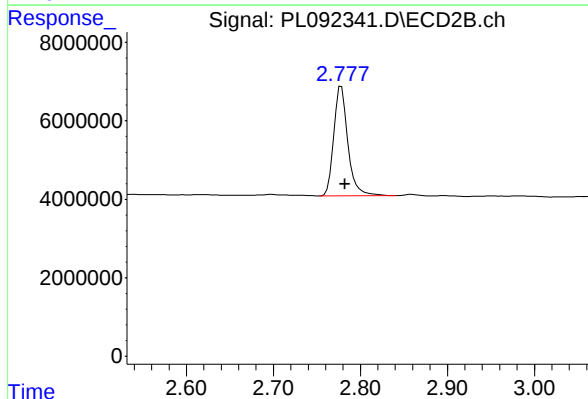
#1 Tetrachloro-m-xylene

R.T.: 3.539 min
Delta R.T.: -0.005 min
Response: 29544182
Conc: 13.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-8

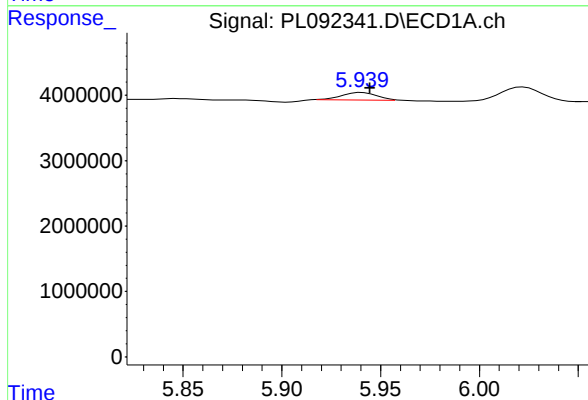
Manual Integrations
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Reviewed By :Abdul Mirza 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



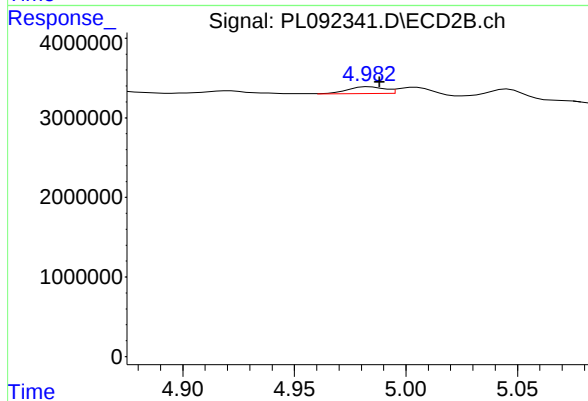
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: -0.004 min
Response: 31291308
Conc: 12.48 ng/ml



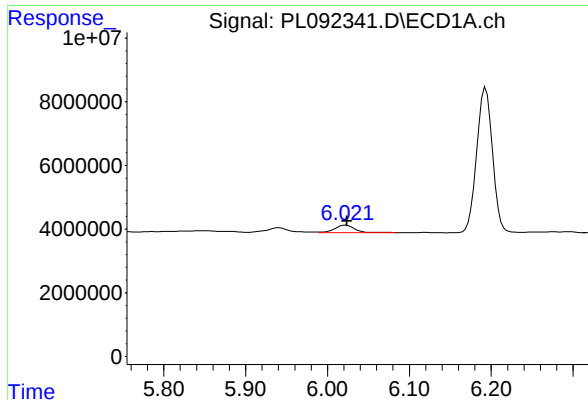
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: -0.005 min
Response: 1414917
Conc: 0.57 ng/ml m



#10 gamma-Chlordane

R.T.: 4.982 min
Delta R.T.: -0.006 min
Response: 1129916
Conc: 0.38 ng/ml m



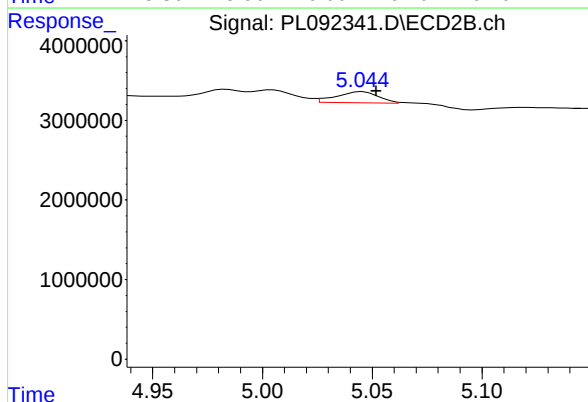
#11 alpha-Chlordane

R.T.: 6.022 min
Delta R.T.: -0.002 min
Response: 3953863
Conc: 1.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-8

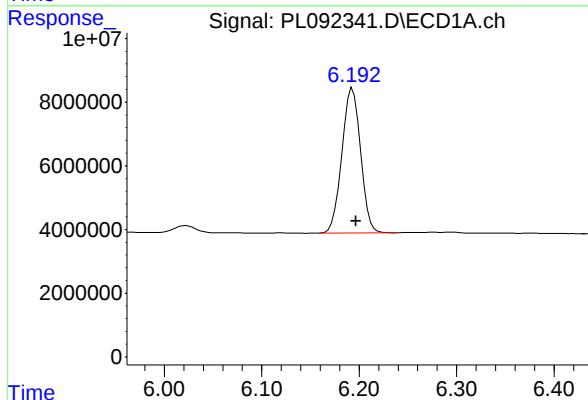
Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 10/14/2024



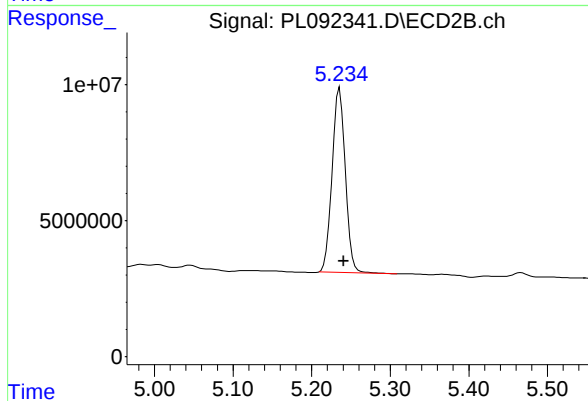
#11 alpha-Chlordane

R.T.: 5.044 min
Delta R.T.: -0.008 min
Response: 1828928
Conc: 0.61 ng/ml m



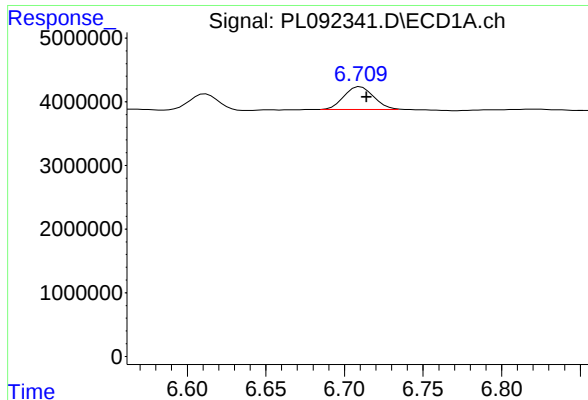
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: -0.003 min
Response: 60553243
Conc: 27.98 ng/ml



#12 4,4'-DDE

R.T.: 5.236 min
Delta R.T.: -0.005 min
Response: 79466668
Conc: 28.60 ng/ml



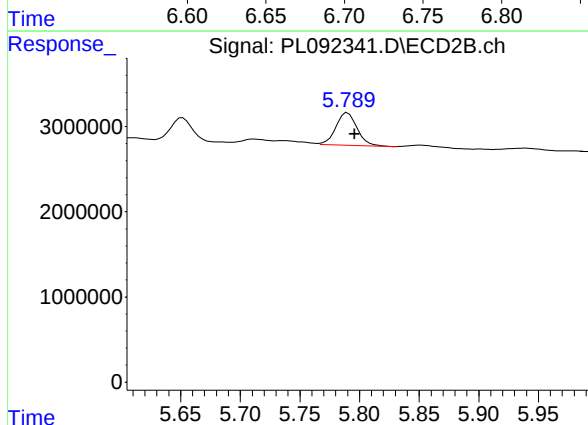
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: -0.005 min
Response: 4678691
Conc: 2.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-8

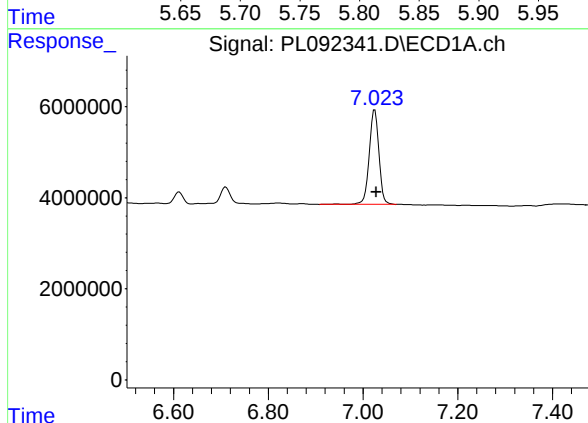
Manual Integrations
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Reviewed By :Abdul Mirza 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



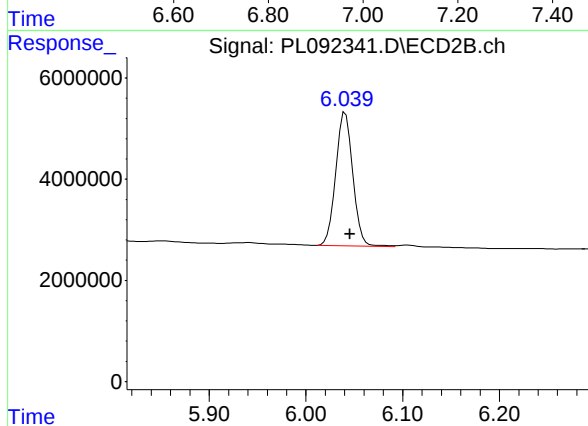
#16 4,4'-DDD

R.T.: 5.790 min
Delta R.T.: -0.006 min
Response: 4725531
Conc: 2.21 ng/ml



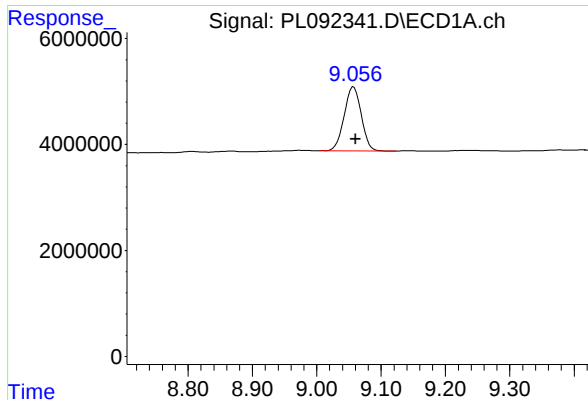
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: -0.003 min
Response: 29391216
Conc: 15.96 ng/ml



#17 4,4'-DDT

R.T.: 6.041 min
Delta R.T.: -0.005 min
Response: 32494149
Conc: 14.05 ng/ml



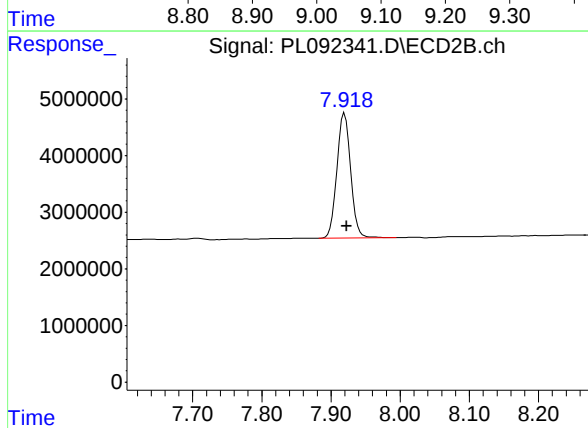
#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: -0.003 min
Response: 22441455
Conc: 13.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-8

Manual Integrations
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Supervised By :Ankita Jodhani 10/14/2024



#28 Decachlorobiphenyl

R.T.: 7.920 min
Delta R.T.: -0.003 min
Response: 30496738
Conc: 12.19 ng/ml

Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-9	SDG No.:	P4385
Lab Sample ID:	P4385-18	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	93.4 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
PL092344.D	1	10/11/24 09:00	10/11/24 16:59	PB164067

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	0.52	U	0.52	1.80	ug/kg
319-86-8	delta-BHC	0.50	U	0.50	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	0.15	U	0.15	1.80	ug/kg
1024-57-3	Heptachlor epoxide	0.55	JP	0.25	1.80	ug/kg
959-98-8	Endosulfan I	0.18	U	0.18	1.80	ug/kg
60-57-1	Dieldrin	1.80	P	0.16	1.80	ug/kg
72-55-9	4,4-DDE	14.9	P	0.14	1.80	ug/kg
72-20-8	Endrin	0.17	U	0.17	1.80	ug/kg
33213-65-9	Endosulfan II	0.32	U	0.32	1.80	ug/kg
72-54-8	4,4-DDD	5.40	P	0.20	1.80	ug/kg
1031-07-8	Endosulfan Sulfate	0.14	U	0.14	1.80	ug/kg
50-29-3	4,4-DDT	13.5		0.18	1.80	ug/kg
72-43-5	Methoxychlor	0.41	U	0.41	1.80	ug/kg
53494-70-5	Endrin ketone	0.24	U	0.24	1.80	ug/kg
7421-93-4	Endrin aldehyde	0.42	U	0.42	1.80	ug/kg
5103-71-9	alpha-Chlordane	0.98	JP	0.18	1.80	ug/kg
5103-74-2	gamma-Chlordane	0.87	J	0.20	1.80	ug/kg
8001-35-2	Toxaphene	5.60	U	5.60	35.3	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.5		30 (10) - 150 (148)	97%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.0		30 (10) - 150 (159)	100%	SPK: 20

Report of Analysis

Client:	Scheideler Excavating Co. Inc.		Date Collected:	10/10/24	
Project:	Robbinsville		Date Received:	10/10/24	
Client Sample ID:	SP-9		SDG No.:	P4385	
Lab Sample ID:	P4385-18		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	93.4	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
PL092344.D	1	10/11/24 09:00	10/11/24 16:59	PB164067

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\PL101224\
 Data File : PL092344.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Oct 2024 16:59
 Operator : AR\AJ
 Sample : P4385-18
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SP-9

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/14/2024
 Supervised By :Ankita Jodhani 10/14/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 14 11:16:52 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 16:44:57 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	44522263	49474735	20.013m	19.726
28) SA Decachlor...	9.055	7.919	31913365	43284813	19.480m	17.300
Target Compounds						
8) B Heptachlo...	5.683	4.732	3910966	3230975	1.537m	1.069 #
10) B gamma-Chl...	5.938	4.982	6039104	6360679	2.444m	2.114m
11) B alpha-Chl...	6.019	5.045	6788877	3856889	2.756m	1.288m#
12) B 4,4'-DDE	6.192	5.234	63931425	116.1E6	29.537	41.791m#
13) MA Dieldrin	6.344	5.372	6831218	15193905	2.801m	5.182m#
16) A 4,4'-DDD	6.708	5.790	26996308	23722539	15.034m	11.105 #
17) MA 4,4'-DDT	7.025	6.041	69526440	81383271	37.761	35.183

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101224\
Data File : PL092344.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Oct 2024 16:59
Operator : AR\AJ
Sample : P4385-18
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

SP-9

Manual Integrations

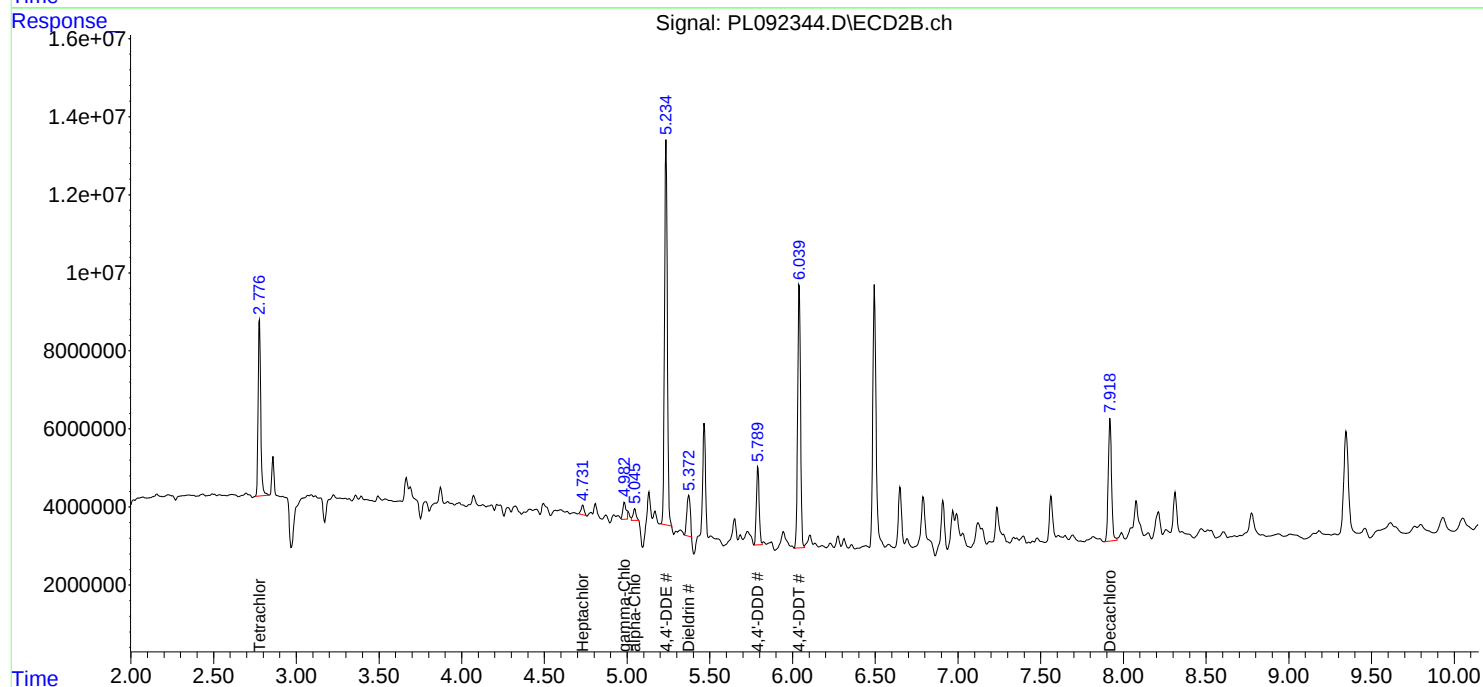
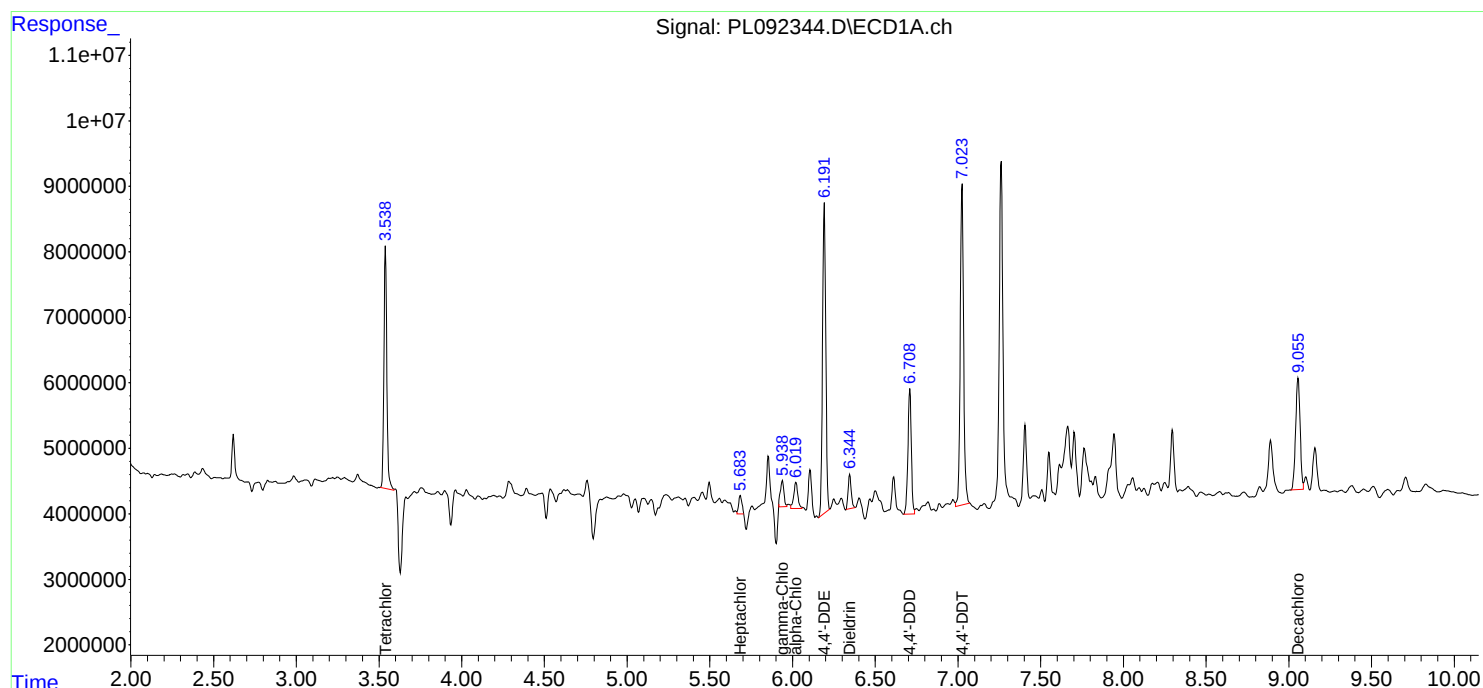
APPROVED

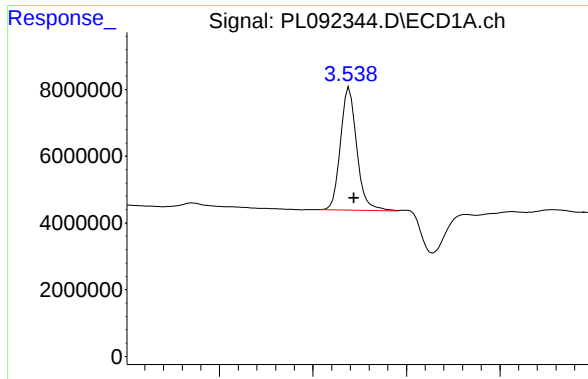
Reviewed By :Abdul Mirza 10/14/2024

Supervised By :Ankita Jodhani 10/14/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 11:16:52 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 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





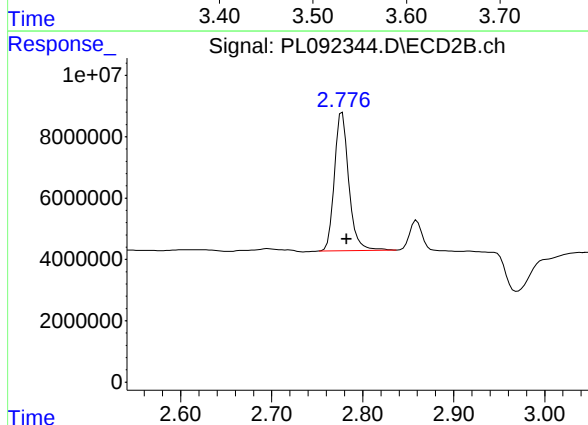
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: -0.006 min
Response: 44522263
Conc: 20.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-9

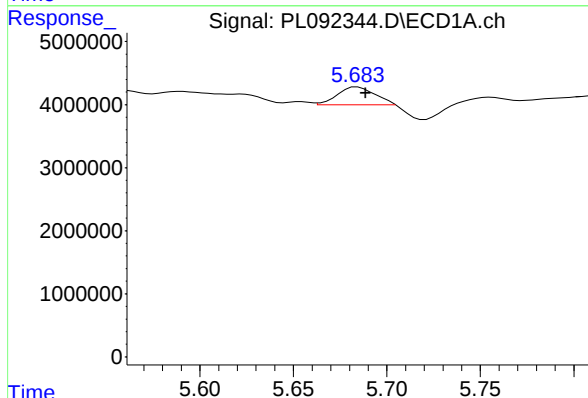
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



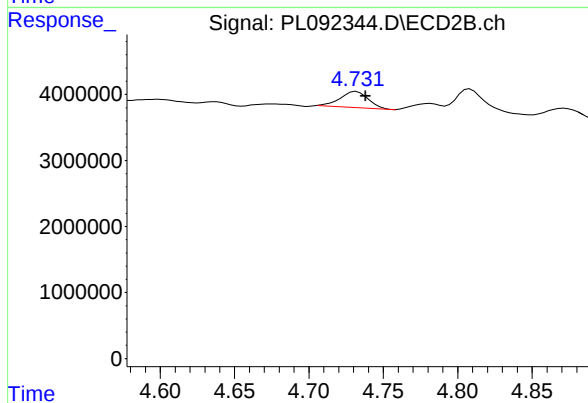
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: -0.005 min
Response: 49474735
Conc: 19.73 ng/ml



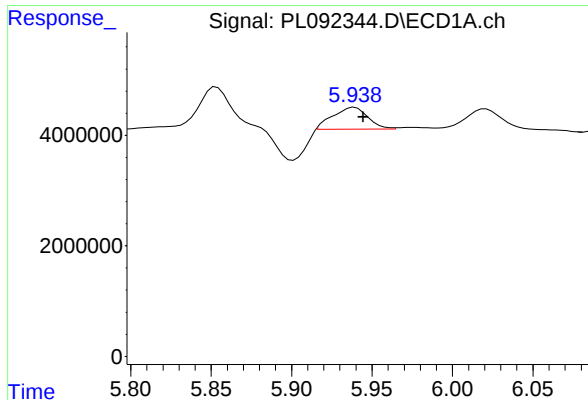
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: -0.006 min
Response: 3910966
Conc: 1.54 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.732 min
Delta R.T.: -0.006 min
Response: 3230975
Conc: 1.07 ng/ml



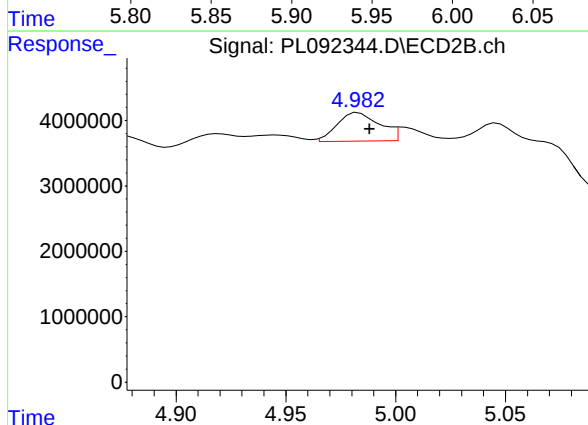
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: -0.007 min
Response: 6039104
Conc: 2.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-9

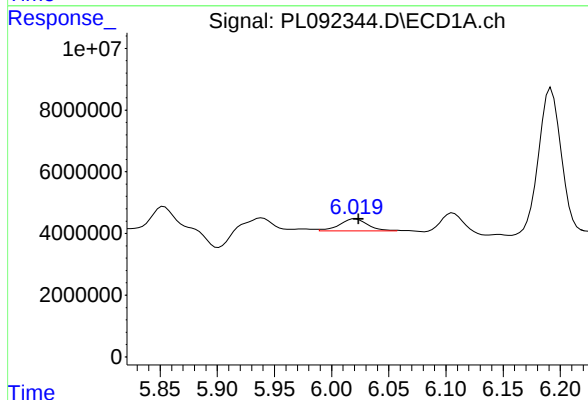
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



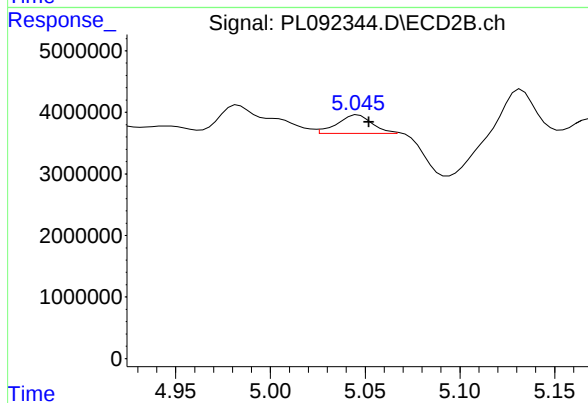
#10 gamma-Chlordane

R.T.: 4.982 min
Delta R.T.: -0.007 min
Response: 6360679
Conc: 2.11 ng/ml



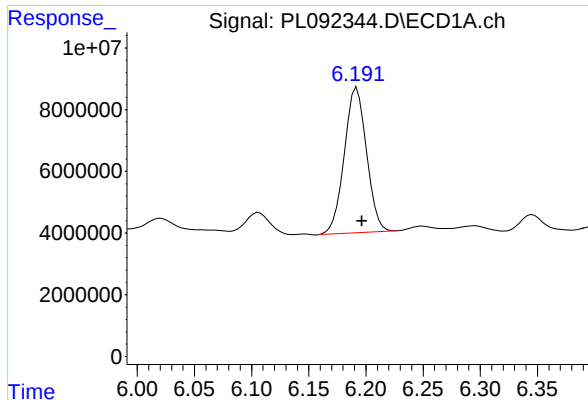
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: -0.005 min
Response: 6788877
Conc: 2.76 ng/ml



#11 alpha-Chlordane

R.T.: 5.045 min
Delta R.T.: -0.007 min
Response: 3856889
Conc: 1.29 ng/ml



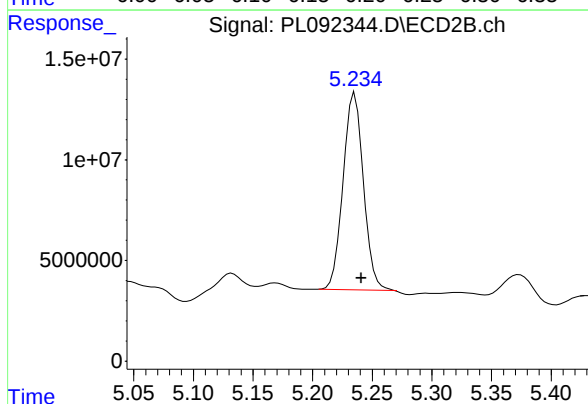
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: -0.005 min
Response: 63931425
Conc: 29.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-9

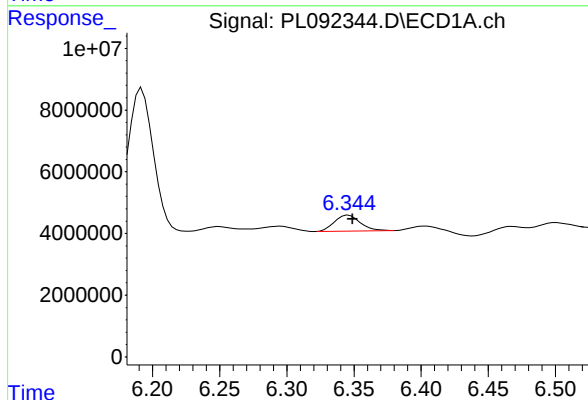
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



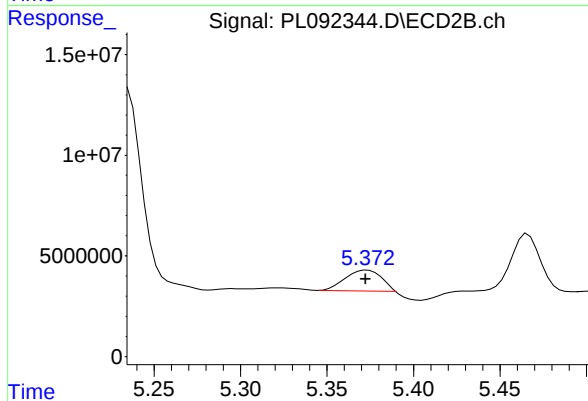
#12 4,4'-DDE

R.T.: 5.234 min
Delta R.T.: -0.007 min
Response: 116132029
Conc: 41.79 ng/ml



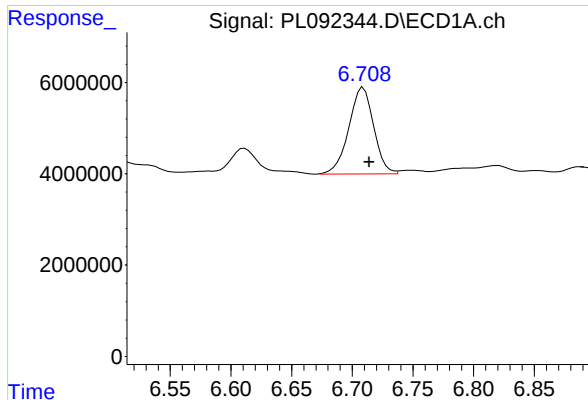
#13 Dieldrin

R.T.: 6.344 min
Delta R.T.: -0.005 min
Response: 6831218
Conc: 2.80 ng/ml



#13 Dieldrin

R.T.: 5.372 min
Delta R.T.: 0.000 min
Response: 15193905
Conc: 5.18 ng/ml



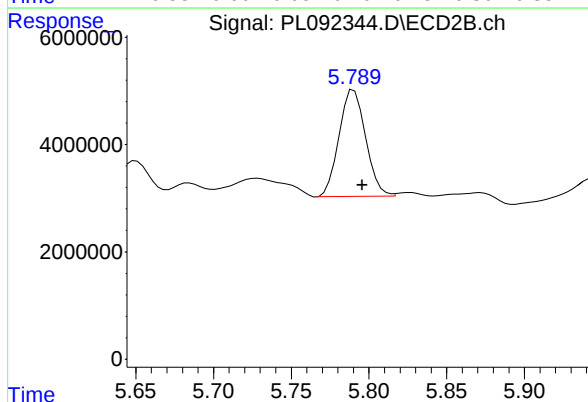
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: -0.006 min
Response: 26996308
Conc: 15.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-9

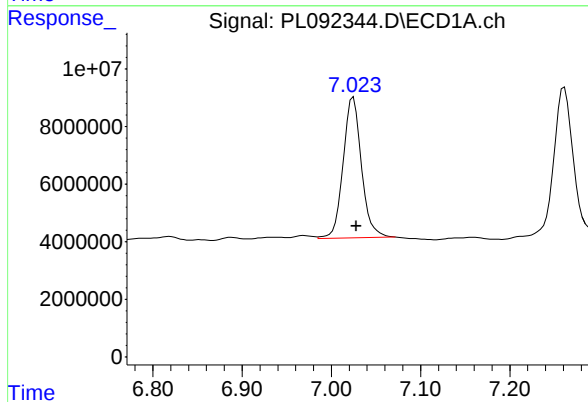
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



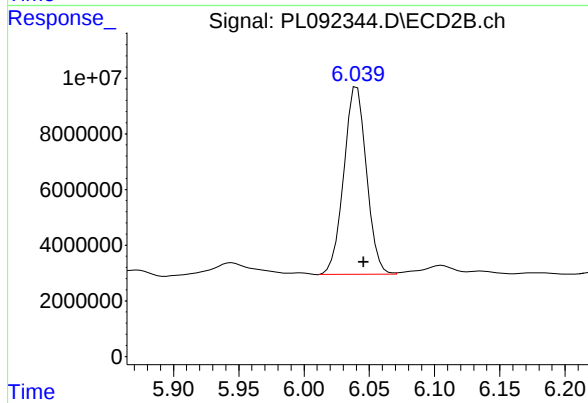
#16 4,4'-DDD

R.T.: 5.790 min
Delta R.T.: -0.005 min
Response: 23722539
Conc: 11.10 ng/ml



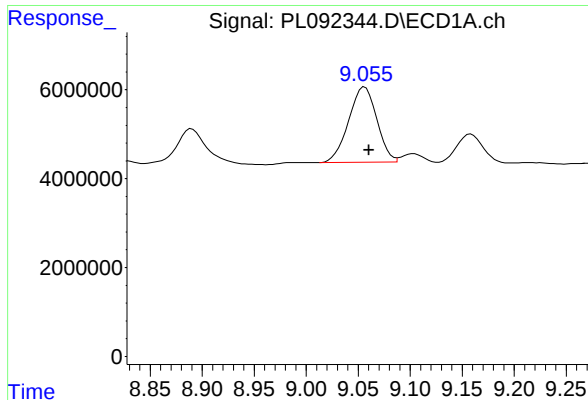
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: -0.003 min
Response: 69526440
Conc: 37.76 ng/ml



#17 4,4'-DDT

R.T.: 6.041 min
Delta R.T.: -0.005 min
Response: 81383271
Conc: 35.18 ng/ml



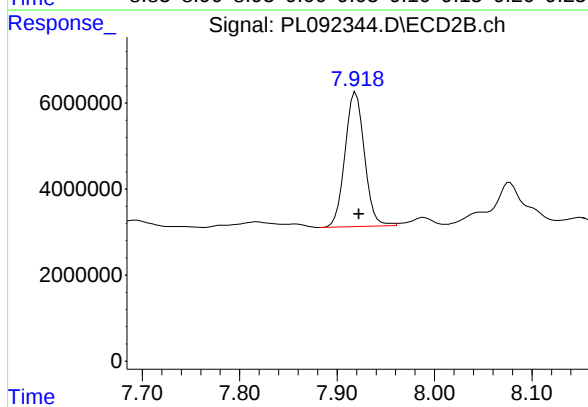
#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: -0.005 min
Response: 31913365
Conc: 19.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-9

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



#28 Decachlorobiphenyl

R.T.: 7.919 min
Delta R.T.: -0.003 min
Response: 43284813
Conc: 17.30 ng/ml

Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-10	SDG No.:	P4385
Lab Sample ID:	P4385-20	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	94.4 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
PL092342.D	1	10/11/24 09:00	10/11/24 15:52	PB164067

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	0.52	U	0.52	1.80	ug/kg
319-86-8	delta-BHC	0.50	U	0.50	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	0.15	U	0.15	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	0.16	U	0.16	1.80	ug/kg
72-55-9	4,4-DDE	10.4		0.14	1.80	ug/kg
72-20-8	Endrin	0.17	U	0.17	1.80	ug/kg
33213-65-9	Endosulfan II	0.32	U	0.32	1.80	ug/kg
72-54-8	4,4-DDD	0.98	J	0.20	1.80	ug/kg
1031-07-8	Endosulfan Sulfate	0.14	U	0.14	1.80	ug/kg
50-29-3	4,4-DDT	6.00		0.18	1.80	ug/kg
72-43-5	Methoxychlor	0.40	U	0.40	1.80	ug/kg
53494-70-5	Endrin ketone	0.23	U	0.23	1.80	ug/kg
7421-93-4	Endrin aldehyde	0.41	U	0.41	1.80	ug/kg
5103-71-9	alpha-Chlordane	0.72	JP	0.18	1.80	ug/kg
5103-74-2	gamma-Chlordane	0.38	JP	0.20	1.80	ug/kg
8001-35-2	Toxaphene	5.50	U	5.50	34.9	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	14.2		30 (10) - 150 (148)	71%	SPK: 20
877-09-8	Tetrachloro-m-xylene	13.4		30 (10) - 150 (159)	67%	SPK: 20

Report of Analysis

Client:	Scheideler Excavating Co. Inc.		Date Collected:	10/10/24	
Project:	Robbinsville		Date Received:	10/10/24	
Client Sample ID:	SP-10		SDG No.:	P4385	
Lab Sample ID:	P4385-20		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	94.4	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
PL092342.D	1	10/11/24 09:00	10/11/24 15:52	PB164067

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\PL101224\
 Data File : PL092342.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Oct 2024 15:52
 Operator : AR\AJ
 Sample : P4385-20
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SP-10

Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 10/14/2024
 Supervised By : Ankita Jodhani 10/14/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 14 02:48:48 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 16:44:57 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	29719957	32908948	13.359m	13.121
28)	SA Decachlor...	9.058	7.919	23308288	32117032	14.228	12.837
Target Compounds							
10)	B gamma-Chl...	5.939	4.982	2650833	2130662	1.073m	0.708m#
11)	B alpha-Chl...	6.021	5.044	5030532	2789920	2.042m	0.932m#
12)	B 4,4'-DDE	6.194	5.234	60376062	81660483	27.895	29.386m
16)	A 4,4'-DDD	6.709	5.790	4974093	5155904	2.770m	2.414
17)	MA 4,4'-DDT	7.025	6.041	31075467	35749759	16.878	15.455

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101224\
Data File : PL092342.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Oct 2024 15:52
Operator : AR\AJ
Sample : P4385-20
Misc :
ALS Vial : 23 Sample Multiplier: 1

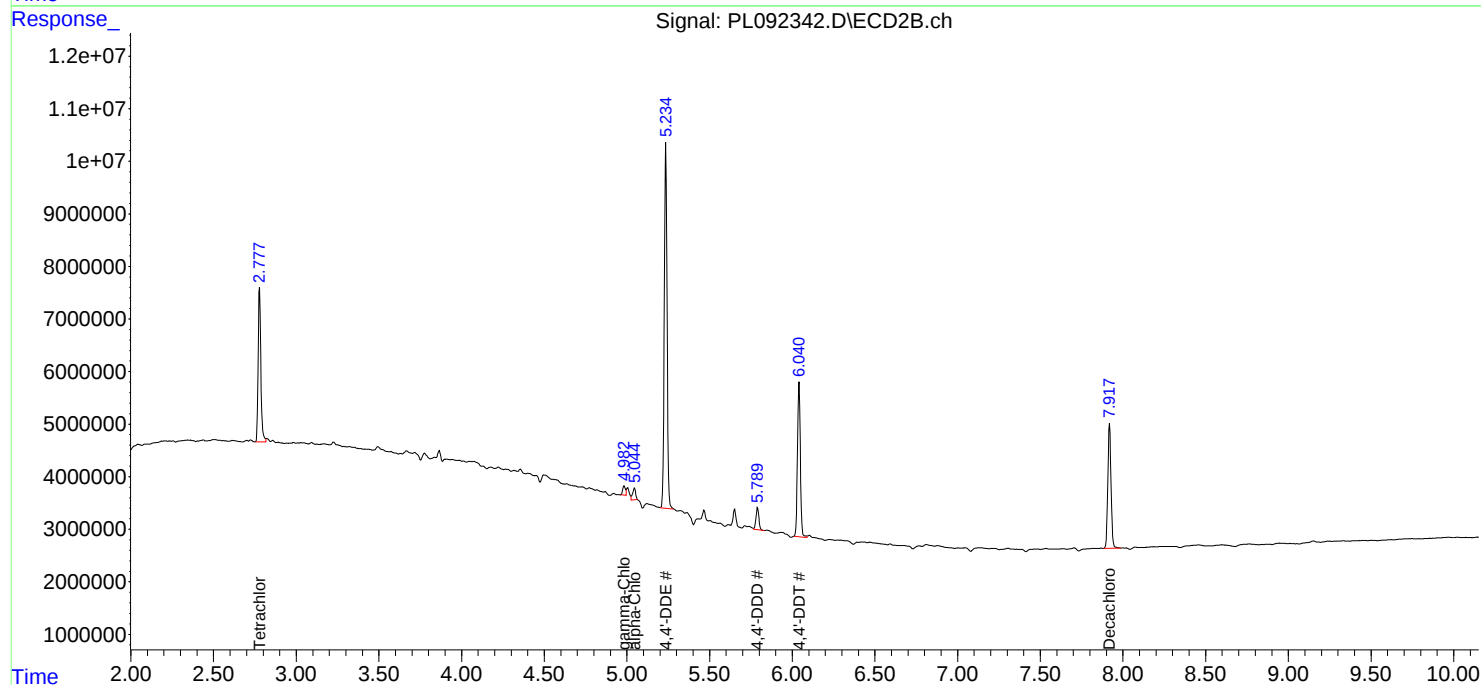
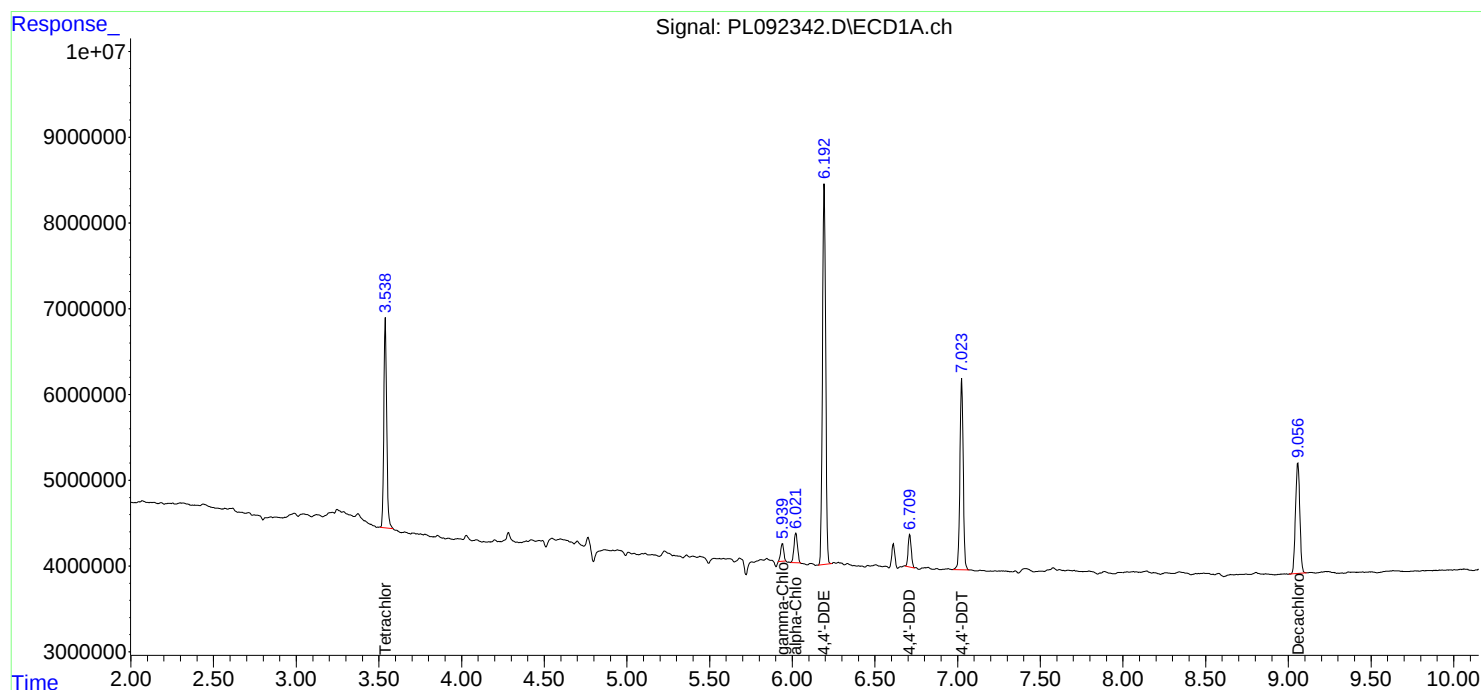
Instrument :
ECD_L
ClientSampleId :
SP-10

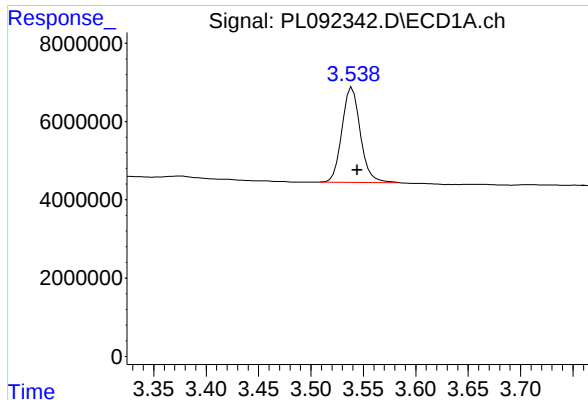
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 02:48:48 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 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





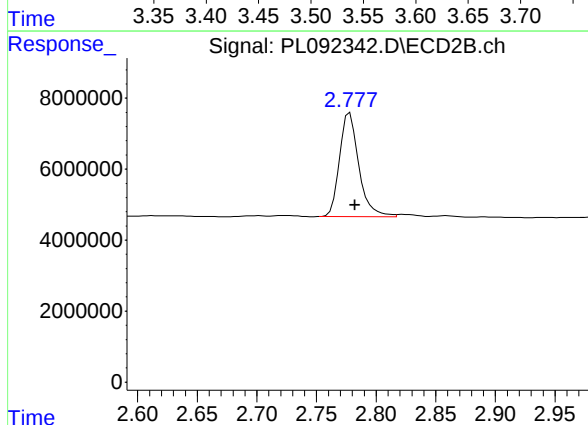
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: -0.006 min
Response: 29719957
Conc: 13.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-10

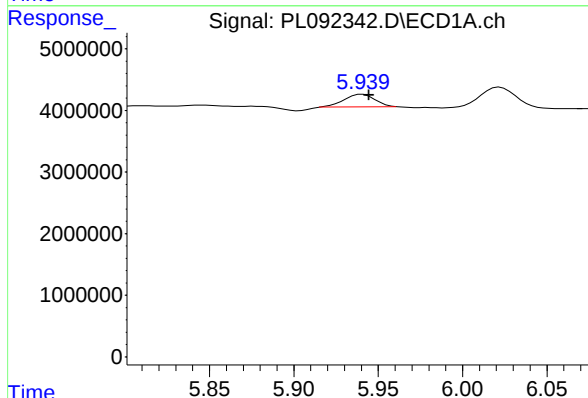
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



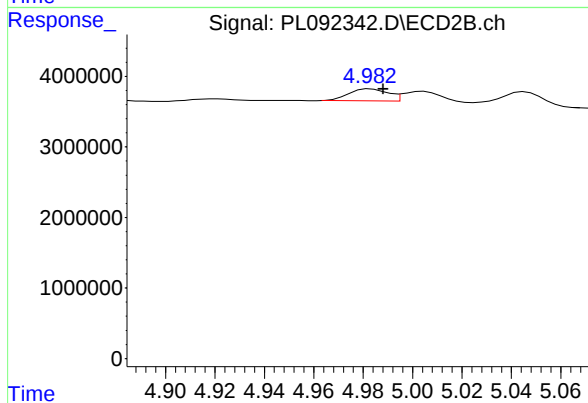
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: -0.004 min
Response: 32908948
Conc: 13.12 ng/ml



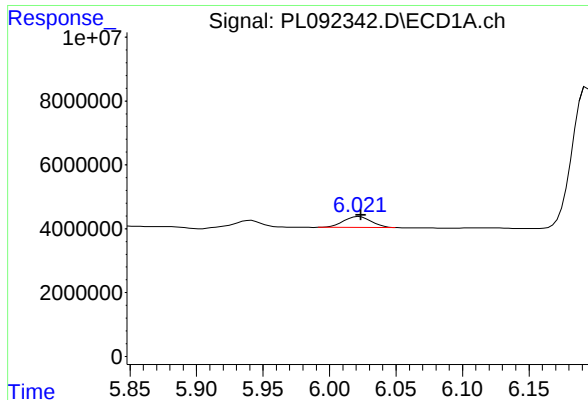
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: -0.005 min
Response: 2650833
Conc: 1.07 ng/ml m



#10 gamma-Chlordane

R.T.: 4.982 min
Delta R.T.: -0.007 min
Response: 2130662
Conc: 0.71 ng/ml m



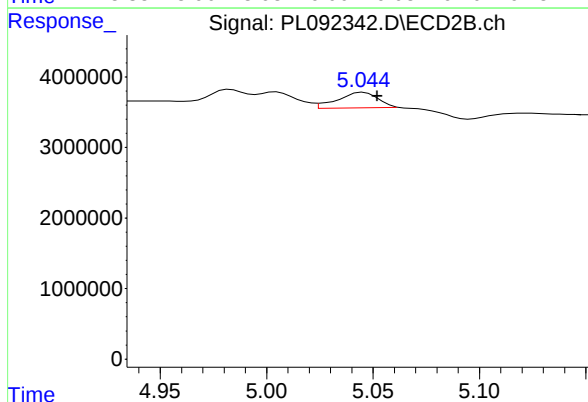
#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: -0.003 min
Response: 5030532
Conc: 2.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-10

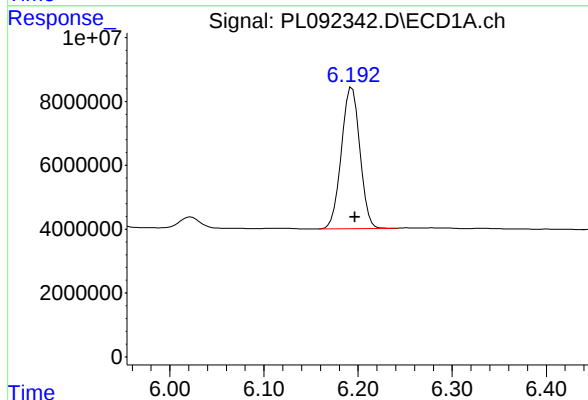
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



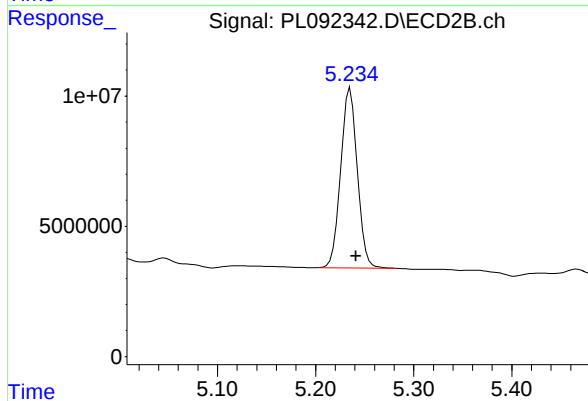
#11 alpha-Chlordane

R.T.: 5.044 min
Delta R.T.: -0.008 min
Response: 2789920
Conc: 0.93 ng/ml m



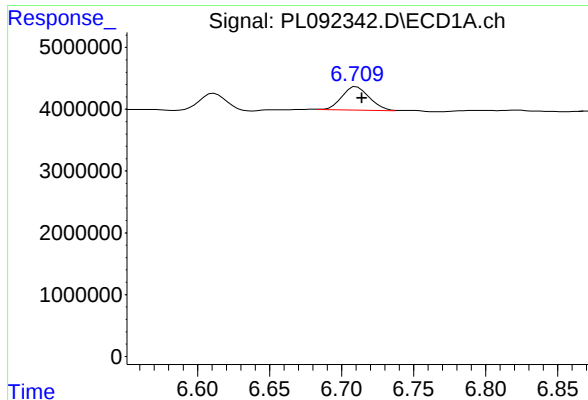
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: -0.003 min
Response: 60376062
Conc: 27.89 ng/ml



#12 4,4'-DDE

R.T.: 5.234 min
Delta R.T.: -0.007 min
Response: 81660483
Conc: 29.39 ng/ml m



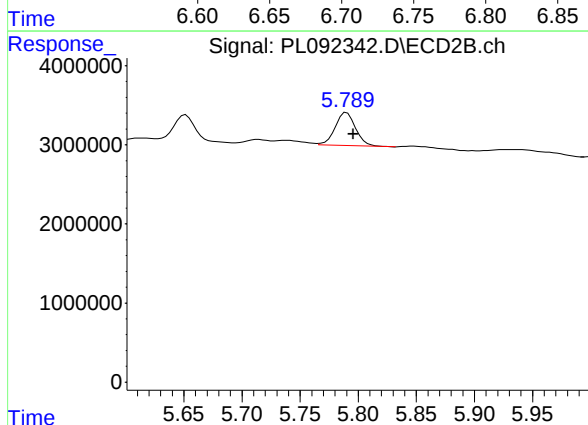
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: -0.005 min
Response: 4974093
Conc: 2.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-10

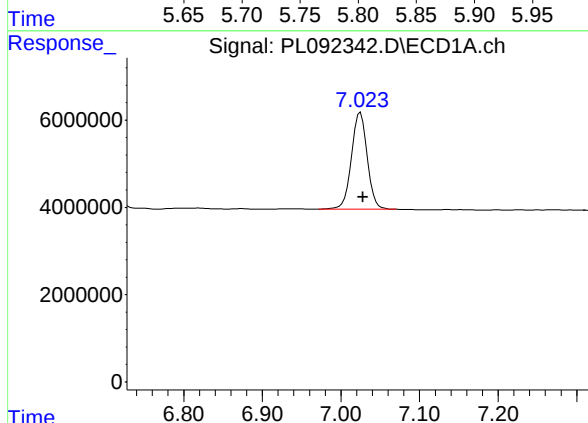
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



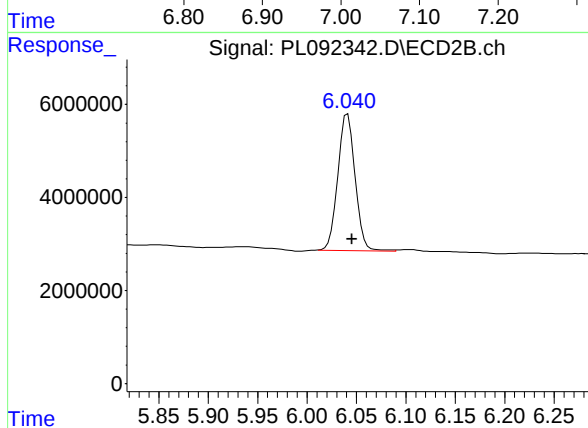
#16 4,4'-DDD

R.T.: 5.790 min
Delta R.T.: -0.006 min
Response: 5155904
Conc: 2.41 ng/ml



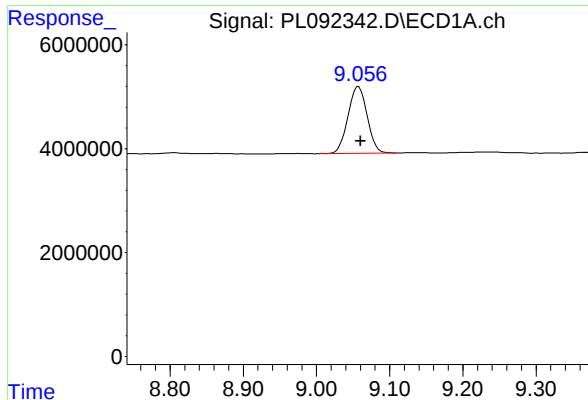
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: -0.003 min
Response: 31075467
Conc: 16.88 ng/ml



#17 4,4'-DDT

R.T.: 6.041 min
Delta R.T.: -0.005 min
Response: 35749759
Conc: 15.45 ng/ml



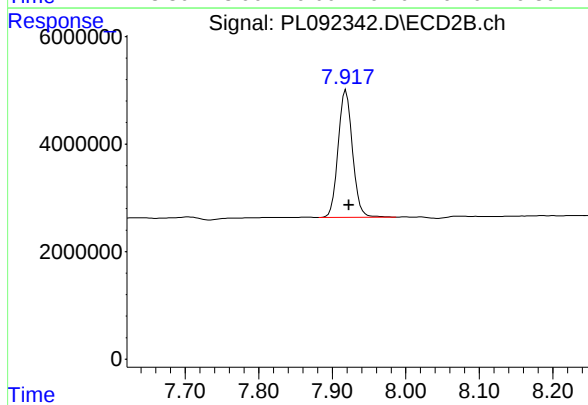
#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: -0.003 min
Response: 23308288
Conc: 14.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-10

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



#28 Decachlorobiphenyl

R.T.: 7.919 min
Delta R.T.: -0.004 min
Response: 32117032
Conc: 12.84 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: SCHE03
Lab Code: CHEM **Case No.:** P4385 **SAS No.:** P4385 **SDG NO.:** P4385
Instrument ID: ECD_L **Calibration Date(s):** 09/23/2024 09/23/2024
Calibration Times: 11:32 12:26

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

LAB FILE ID:		CF 100 = <u>PL091956.D</u>		CF 075 = <u>PL091957.D</u>			
CF 050 = <u>PL091958.D</u>		CF 025 = <u>PL091959.D</u>		CF 005 = <u>PL091960.D</u>			
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	1653520000	1647210000	1678500000	1744800000	2254540000	1795720000	14
4,4'-DDE	2066570000	2045910000	2071830000	2104470000	2533330000	2164420000	10
4,4'-DDT	1733900000	1735380000	1754170000	1804510000	2178050000	1841200000	10
Aldrin	2641050000	2607180000	2641830000	2690200000	3307680000	2777590000	11
alpha-BHC	3076620000	3010330000	2985720000	2963000000	3446930000	3096520000	6
alpha-Chlordane	2305920000	2301860000	2353960000	2423920000	2931020000	2463340000	11
beta-BHC	1233660000	1235340000	1269540000	1303030000	1590300000	1326380000	11
Decachlorobiphenyl	1514180000	1546290000	1590790000	1642930000	1896960000	1638230000	9
delta-BHC	2841210000	2757590000	2778760000	2797400000	3246070000	2884210000	7
Dieldrin	2300240000	2292130000	2329590000	2380410000	2891930000	2438860000	10
Endosulfan I	2149020000	2152500000	2207300000	2283480000	2774700000	2313400000	11
Endosulfan II	1992660000	2006240000	2063200000	2160930000	2775610000	2199730000	15
Endosulfan sulfate	1820440000	1836620000	1889410000	1967750000	2397160000	1982280000	12
Endrin	1940880000	1934170000	1971650000	2016300000	2440480000	2060700000	10
Endrin aldehyde	1583540000	1604430000	1647320000	1720460000	2158080000	1742760000	14
Endrin ketone	2055570000	2058040000	2104700000	2152580000	2616930000	2197560000	11
gamma-BHC (Lindane)	2990410000	2948600000	2949110000	2954630000	3651280000	3098800000	10
gamma-Chlordane	2323480000	2305690000	2357460000	2423400000	2945970000	2471200000	11
Heptachlor	2590450000	2581810000	2624270000	2731930000	3298830000	2765460000	11
Heptachlor epoxide	2355250000	2419410000	2410600000	2493740000	3045980000	2544990000	11
Methoxychlor	913738000	926950000	954169000	973623000	1140080000	981712000	9
Tetrachloro-m-xylene	2128490000	2125270000	2145440000	2197480000	2526630000	2224660000	8

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: SCHE03
Lab Code: CHEM **Case No.:** P4385 **SAS No.:** P4385 **SDG NO.:** P4385
Instrument ID: ECD_L
Calibration Date(s): 09/23/2024 09/23/2024
Calibration Times: 11:32 12:26
GC Column: ZB-MR1 **ID:** 0.32 (mm)

LAB FILE ID:		CF 100 =	PL091956.D	CF 075 =	PL091957.D		
CF 050 =	PL091958.D	CF 025 =	PL091959.D	CF 005 =	PL091960.D		
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	2268160000	2177660000	2139850000	1992930000	2102490000	2136220000	5
4,4'-DDE	2937140000	2821610000	2796600000	2614820000	2724050000	2778840000	4
4,4'-DDT	2455710000	2371160000	2329540000	2184000000	2225420000	2313160000	5
Aldrin	3593290000	3455480000	3419630000	3175270000	3361830000	3401100000	4
alpha-BHC	3937530000	3786440000	3690070000	3414870000	3387720000	3643320000	7
alpha-Chlordane	3085390000	2983970000	2990310000	2841400000	3066630000	2993540000	3
beta-BHC	1482940000	1448440000	1465850000	1419920000	1698340000	1503100000	7
Decachlorobiphenyl	2374340000	2399600000	2428470000	2478660000	2828640000	2501940000	7
delta-BHC	3726380000	3579670000	3509320000	3229840000	3313260000	3471690000	6
Dieldrin	3085830000	2978040000	2947180000	2759020000	2889140000	2931840000	4
Endosulfan I	2816250000	2735830000	2741360000	2613670000	2816080000	2744640000	3
Endosulfan II	2561230000	2497720000	2506550000	2398770000	2547770000	2502410000	3
Endosulfan sulfate	2442810000	2382500000	2402520000	2314600000	2520170000	2412520000	3
Endrin	2724440000	2642180000	2624570000	2477520000	2642190000	2622180000	3
Endrin aldehyde	2035320000	2004480000	2019970000	1971180000	2172650000	2040720000	4
Endrin ketone	2811580000	2766230000	2778840000	2679690000	2808370000	2768950000	2
gamma-BHC (Lindane)	3775710000	3629090000	3577820000	3312530000	3359720000	3530980000	5
gamma-Chlordane	3135810000	3020590000	3008060000	2840920000	3037500000	3008580000	4
Heptachlor	3553790000	3434350000	3431490000	3238430000	3595010000	3450610000	4
Heptachlor epoxide	3090900000	2996730000	3012410000	2873000000	3141390000	3022890000	3
Methoxychlor	1228030000	1222750000	1234080000	1223180000	1343690000	1250350000	4
Tetrachloro-m-xylene	2544530000	2497760000	2476670000	2384990000	2636430000	2508080000	4



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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: SCHE03

Lab Code: CHEM Case No.: P4385 SAS No.: P4385 SDG NO.: P4385

Instrument ID: ECD_L Date(s) Analyzed: 09/23/2024 09/23/2024

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	22665300
		2	6.45	6.35	6.55	13922000
		3	7.06	6.96	7.16	70960500
		4	7.15	7.05	7.25	53851200
		5	7.94	7.84	8.04	39727000



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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: SCHE03

Lab Code: CHEM Case No.: P4385 SAS No.: P4385 SDG NO.: P4385

Instrument ID: ECD_L Date(s) Analyzed: 09/23/2024 09/23/2024

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	18093600
		2	5.34	5.24	5.44	17271700
		3	6.61	6.51	6.71	63995900
		4	6.74	6.64	6.84	88666300
		5	7.05	6.95	7.15	60349700

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
 Data File : PL091956.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2024 11:32
 Operator : AR\AJ
 Sample : PSTDICC100
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDICC100

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 12:39:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 12:36:16 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...	3.544	2.782	212.8E6	254.5E6	99.603	101.351
28)	SA Decachlor...	9.060	7.923	151.4E6	237.4E6	97.533	98.873
Target Compounds							
2)	A alpha-BHC	4.000	3.286	307.7E6	393.8E6	101.499	103.244
3)	MA gamma-BHC...	4.332	3.616	299.0E6	377.6E6	100.695	102.691
4)	MA Heptachlor	4.921	3.955	259.0E6	355.4E6	99.351	101.751
5)	MB Aldrin	5.263	4.236	264.1E6	359.3E6	99.985	102.476
6)	B beta-BHC	4.529	3.915	123.4E6	148.3E6	98.567	100.580
7)	B delta-BHC	4.777	4.145	284.1E6	372.6E6	101.111	103.000
8)	B Heptachlo...	5.689	4.738	235.5E6	309.1E6	98.839	101.286
9)	A Endosulfan I	6.074	5.108	214.9E6	281.6E6	98.662	101.348
10)	B gamma-Chl...	5.945	4.989	232.3E6	313.6E6	99.274	102.079
11)	B alpha-Chl...	6.024	5.052	230.6E6	308.5E6	98.969	101.565
12)	B 4,4'-DDE	6.197	5.241	206.7E6	293.7E6	99.873	102.451
13)	MA Dieldrin	6.350	5.373	230.0E6	308.6E6	99.366	102.298
14)	MA Endrin	6.579	5.648	194.1E6	272.4E6	99.214	101.867
15)	B Endosulfa...	6.799	5.942	199.3E6	256.1E6	98.261	101.079
16)	A 4,4'-DDD	6.714	5.796	165.4E6	226.8E6	99.250	102.911
17)	MA 4,4'-DDT	7.028	6.046	173.4E6	245.6E6	99.419	102.637
18)	B Endrin al...	6.929	6.122	158.4E6	203.5E6	98.026	100.378
19)	B Endosulfa...	7.163	6.345	182.0E6	244.3E6	98.141	100.831
20)	A Methoxychlor	7.503	6.622	91373843	122.8E6	97.836	99.754
21)	B Endrin ke...	7.648	6.850	205.6E6	281.2E6	98.819	100.586
22)	Mirex	8.122	7.031	160.9E6	228.3E6	97.006	98.712

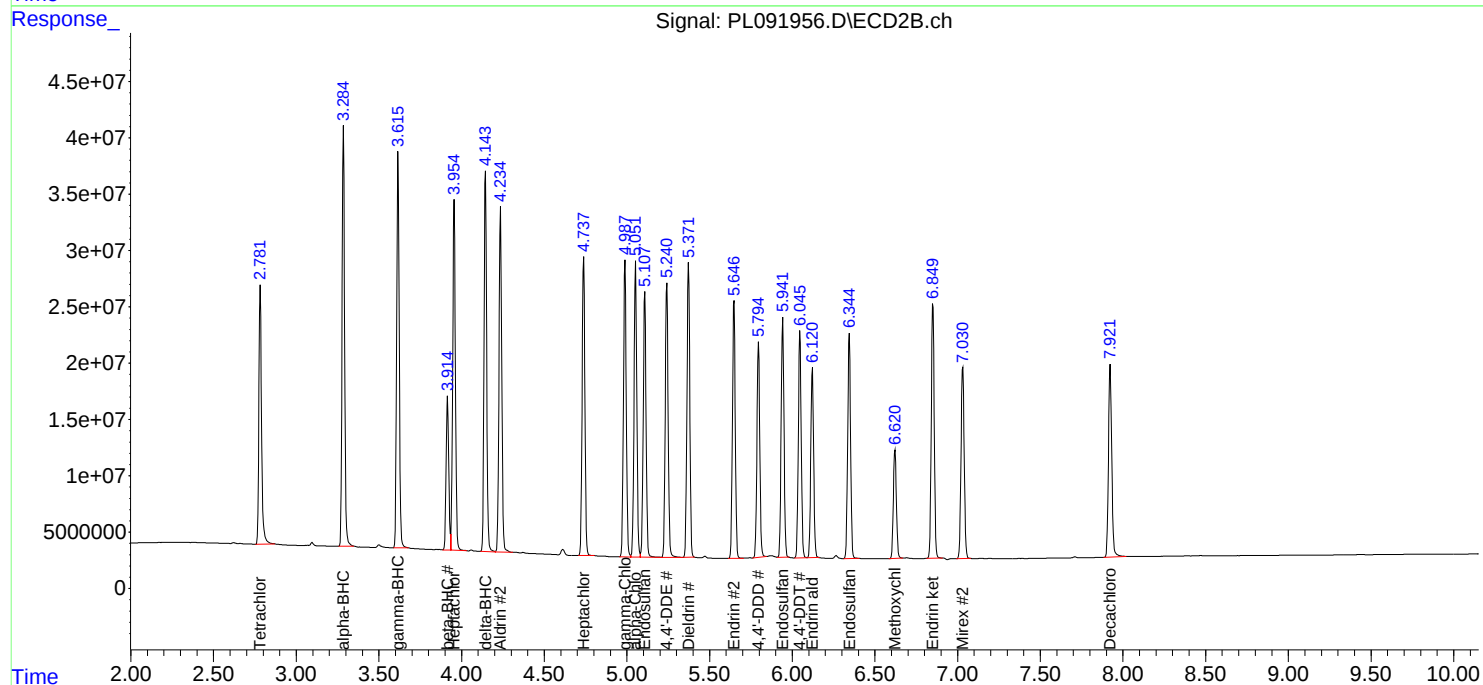
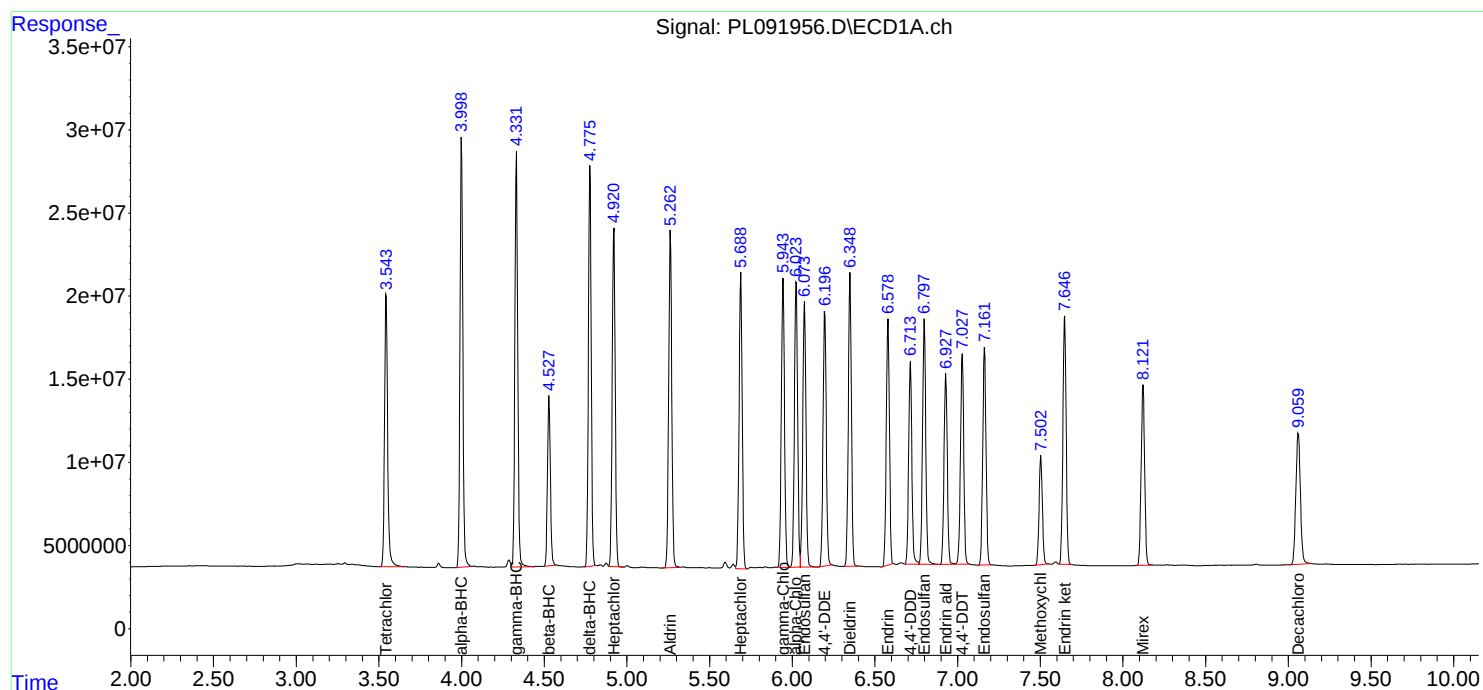
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091956.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 11:32
Operator : AR\AJ
Sample : PSTDICC100
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 12:39:20 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 12:36:16 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\PL092324\
 Data File : PL091957.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2024 11:45
 Operator : AR\AJ
 Sample : PSTDICC075
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDICC075

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 12:41:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 12:36:16 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...	3.544	2.782	159.4E6	187.3E6	74.726	74.744
28)	SA Decachlor...	9.060	7.924	116.0E6	180.0E6	74.800	74.962
Target Compounds							
2)	A alpha-BHC	3.999	3.286	225.8E6	284.0E6	74.655	74.640
3)	MA gamma-BHC...	4.332	3.616	221.1E6	272.2E6	74.643	74.349
4)	MA Heptachlor	4.921	3.955	193.6E6	257.6E6	74.508	74.161
5)	MB Aldrin	5.263	4.235	195.5E6	259.2E6	74.349	74.269
6)	B beta-BHC	4.530	3.915	92650426	108.6E6	74.347	74.115
7)	B delta-BHC	4.777	4.145	206.8E6	268.5E6	74.062	74.471
8)	B Heptachlo...	5.689	4.739	181.5E6	224.8E6	75.762	74.095
9)	A Endosulfan I	6.074	5.108	161.4E6	205.2E6	74.409	74.223
10)	B gamma-Chl...	5.945	4.988	172.9E6	226.5E6	74.253	74.159
11)	B alpha-Chl...	6.024	5.052	172.6E6	223.8E6	74.395	74.108
12)	B 4,4'-DDE	6.197	5.241	153.4E6	211.6E6	74.435	74.206
13)	MA Dieldrin	6.349	5.373	171.9E6	223.4E6	74.506	74.360
14)	MA Endrin	6.579	5.648	145.1E6	198.2E6	74.433	74.393
15)	B Endosulfa...	6.798	5.943	150.5E6	187.3E6	74.463	74.283
16)	A 4,4'-DDD	6.714	5.796	123.5E6	163.3E6	74.434	74.400
17)	MA 4,4'-DDT	7.028	6.047	130.2E6	177.8E6	74.751	74.550
18)	B Endrin al...	6.929	6.122	120.3E6	150.3E6	74.659	74.427
19)	B Endosulfa...	7.163	6.345	137.7E6	178.7E6	74.505	74.166
20)	A Methoxychlor	7.504	6.622	69521260	91706580	74.624	74.662
21)	B Endrin ke...	7.648	6.851	154.4E6	207.5E6	74.467	74.480
22)	Mirex	8.121	7.032	123.8E6	172.9E6	74.728	74.836

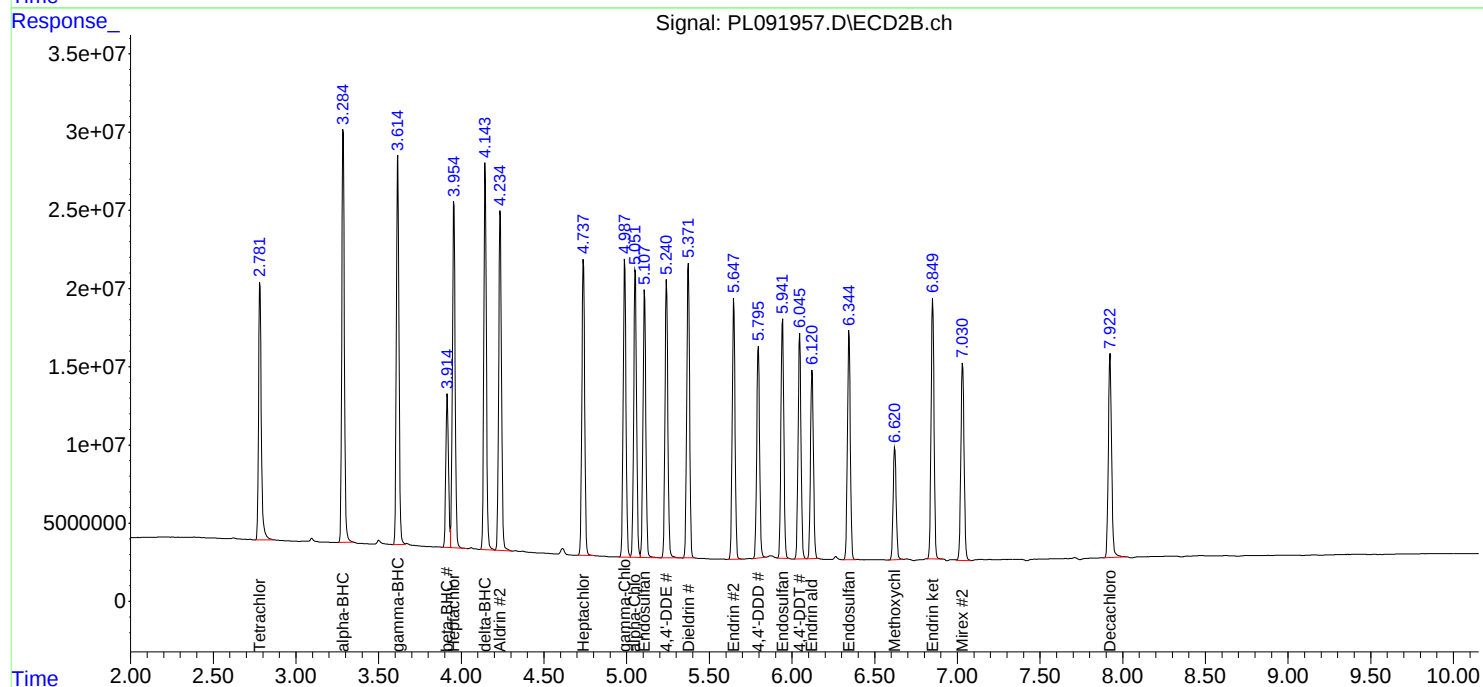
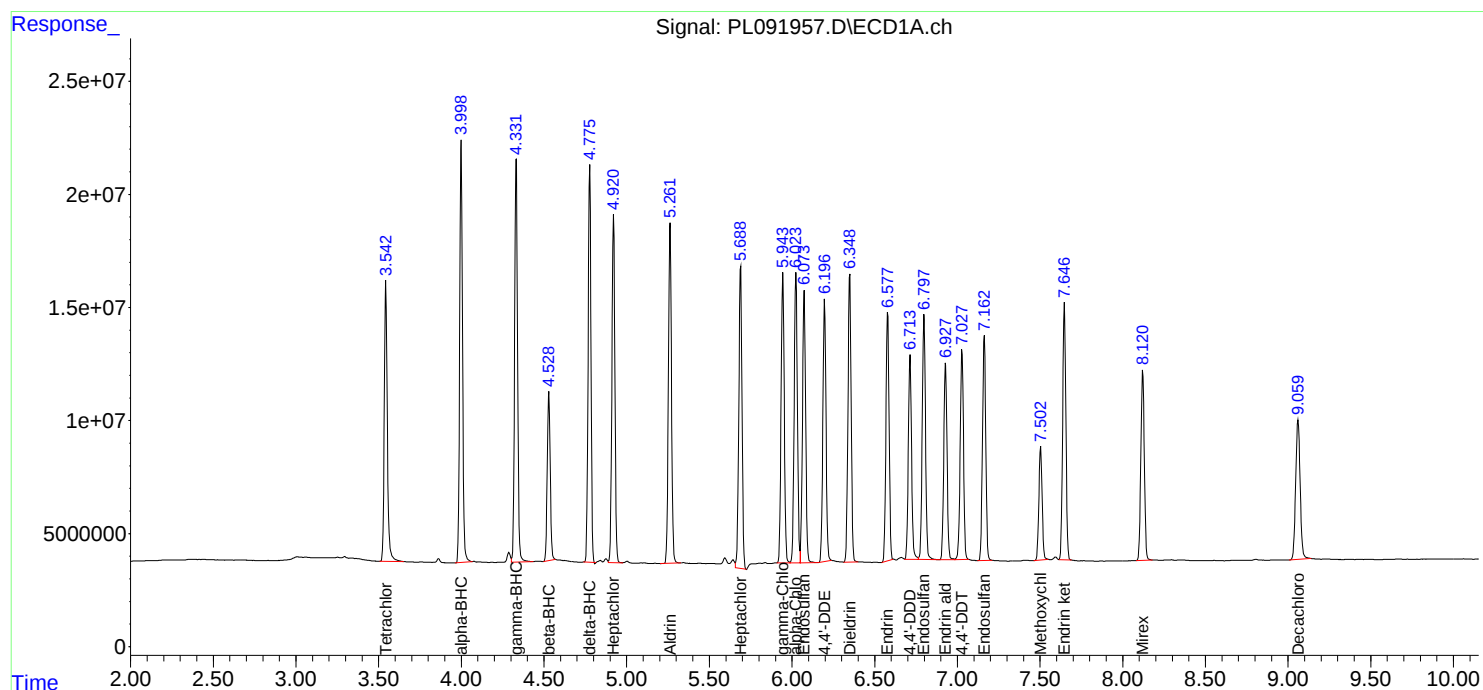
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091957.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 11:45
Operator : AR\AJ
Sample : PSTDICC075
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC075

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 12:41:03 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 12:36:16 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\PL092324\
 Data File : PL091958.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2024 11:59
 Operator : AR\AJ
 Sample : PSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDICC050

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 12:36:33 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 12:36:16 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...	3.544	2.782	107.3E6	123.8E6	50.000	50.000
28) SA Decachlor...	9.060	7.923	79539342	121.4E6	50.000	50.000
Target Compounds						
2) A alpha-BHC	3.999	3.286	149.3E6	184.5E6	50.000	50.000
3) MA gamma-BHC...	4.332	3.616	147.5E6	178.9E6	50.000	50.000
4) MA Heptachlor	4.920	3.955	131.2E6	171.6E6	50.000	50.000
5) MB Aldrin	5.263	4.235	132.1E6	171.0E6	50.000	50.000
6) B beta-BHC	4.529	3.915	63477159	73292412	50.000	50.000
7) B delta-BHC	4.777	4.145	138.9E6	175.5E6	50.000	50.000
8) B Heptachlo...	5.689	4.738	120.5E6	150.6E6	50.000	50.000
9) A Endosulfan I	6.075	5.108	110.4E6	137.1E6	50.000	50.000
10) B gamma-Chl...	5.945	4.988	117.9E6	150.4E6	50.000	50.000
11) B alpha-Chl...	6.024	5.052	117.7E6	149.5E6	50.000	50.000
12) B 4,4'-DDE	6.197	5.241	103.6E6	139.8E6	50.000	50.000
13) MA Dieldrin	6.349	5.372	116.5E6	147.4E6	50.000	50.000
14) MA Endrin	6.579	5.648	98582726	131.2E6	50.000	50.000
15) B Endosulfa...	6.798	5.942	103.2E6	125.3E6	50.000	50.000
16) A 4,4'-DDD	6.714	5.796	83925087	107.0E6	50.000	50.000
17) MA 4,4'-DDT	7.028	6.046	87708743	116.5E6	50.000	50.000
18) B Endrin al...	6.928	6.122	82365868	101.0E6	50.000	50.000
19) B Endosulfa...	7.163	6.344	94470405	120.1E6	50.000	50.000
20) A Methoxychlor	7.504	6.621	47708430	61703976	50.000	50.000
21) B Endrin ke...	7.648	6.850	105.2E6	138.9E6	50.000	50.000
22) Mirex	8.121	7.031	85437944	117.1E6	50.000	50.000

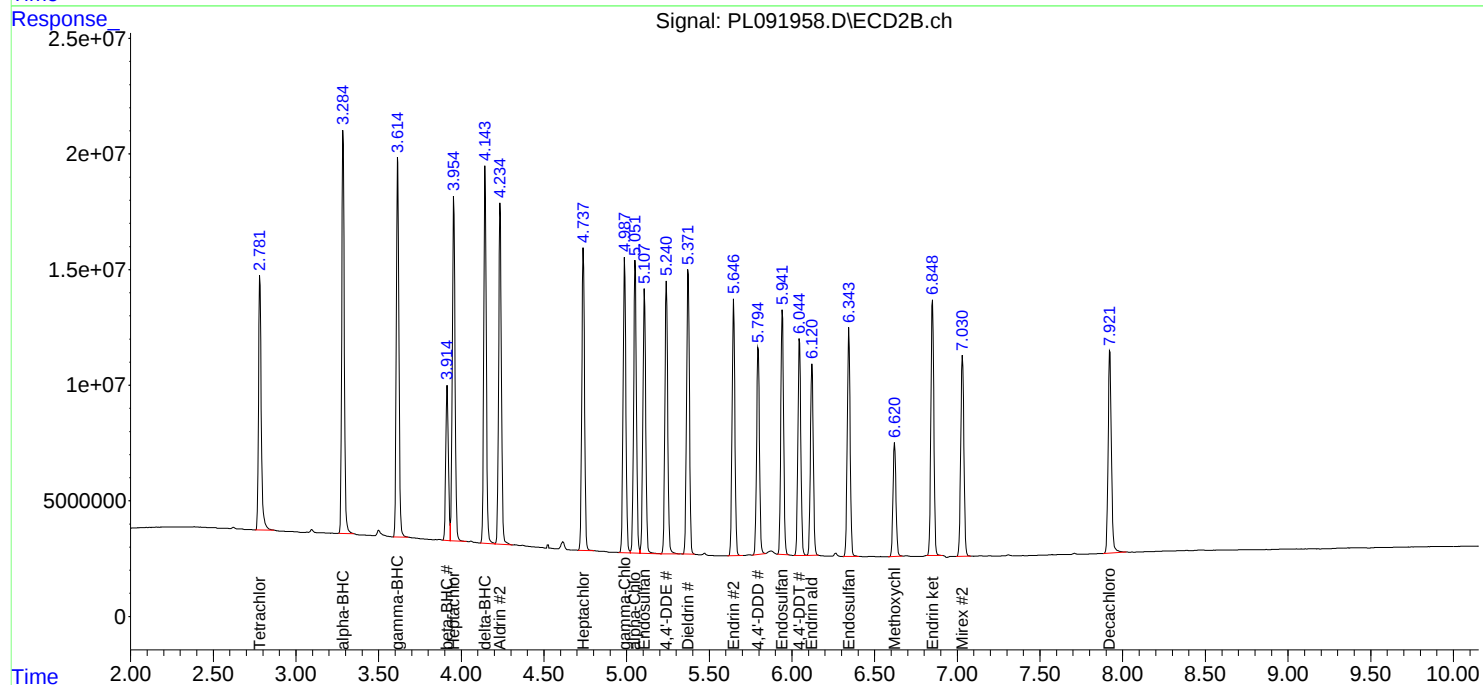
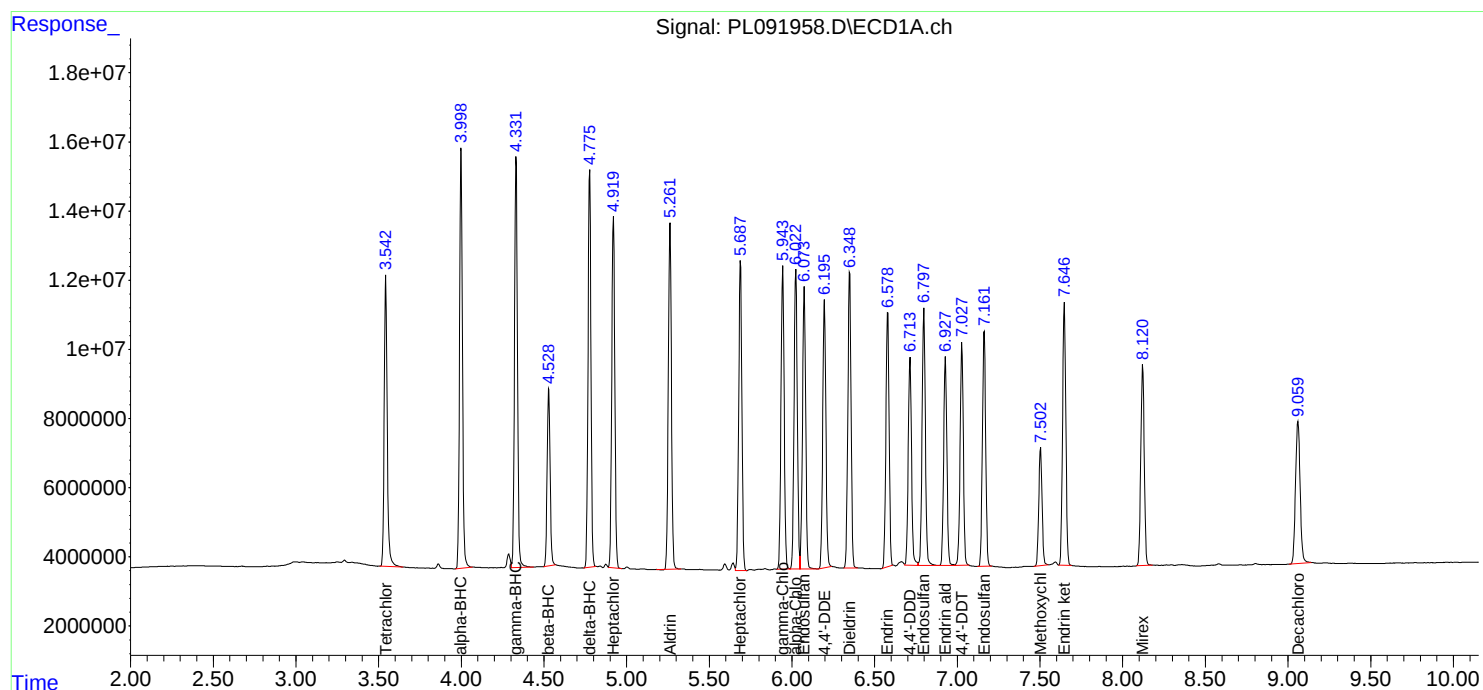
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091958.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 11:59
Operator : AR\AJ
Sample : PSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 12:36:33 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 12:36:16 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\PL092324\
 Data File : PL091959.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2024 12:12
 Operator : AR\AJ
 Sample : PSTDICC025
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDICC025

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 09/24/2024

Supervised By :Ankita Jodhani 09/24/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 12:43:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 12:36:16 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...	3.543	2.782	54937010	59624711	25.562	24.081
28) SA Decachlor...	9.059	7.923	41073352	61966386	26.102	25.603
Target Compounds						
2) A alpha-BHC	3.999	3.286	74074890	85371658	24.618	23.028
3) MA gamma-BHC...	4.331	3.616	73865719	82813172	24.949	23.172
4) MA Heptachlor	4.920	3.955	68298152	80960696	25.948	23.711
5) MB Aldrin	5.262	4.236	67254977	79381808	25.427	23.273
6) B beta-BHC	4.529	3.915	32575804	35498092	25.846	24.409
7) B delta-BHC	4.776	4.145	69935067	80745917	25.033	22.996
8) B Heptachlo...	5.687	4.738	62343383	71825079	25.729m	23.996
9) A Endosulfan I	6.074	5.108	57087002	65341726	25.971	23.963
10) B gamma-Chl...	5.945	4.988	60585043	71022919	25.753	23.664
11) B alpha-Chl...	6.023	5.052	60598011	71035000	25.826	23.875
12) B 4,4'-DDE	6.197	5.241	52611782	65370544	25.389	23.409
13) MA Dieldrin	6.349	5.372	59510130	68975524	25.589	23.441
14) MA Endrin	6.579	5.648	50407587	61937887	25.643	23.666
15) B Endosulfa...	6.799	5.942	54023259	59969308	26.279	24.074
16) A 4,4'-DDD	6.714	5.796	43620120	49823326	25.949	23.231
17) MA 4,4'-DDT	7.028	6.046	45112797	54599950	25.676	23.382
18) B Endrin al...	6.928	6.121	43011520	49279615	26.244	24.545
19) B Endosulfa...	7.163	6.344	49193811	57864995	26.187	24.256
20) A Methoxychlor	7.503	6.621	24340566	30579607	25.836	24.922
21) B Endrin ke...	7.648	6.850	53814546	66992334	25.715	24.281
22) Mirex	8.121	7.031	45018343	60930117	26.603	26.015

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091959.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 12:12
Operator : AR\AJ
Sample : PSTDICC025
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDICC025

Manual Integrations

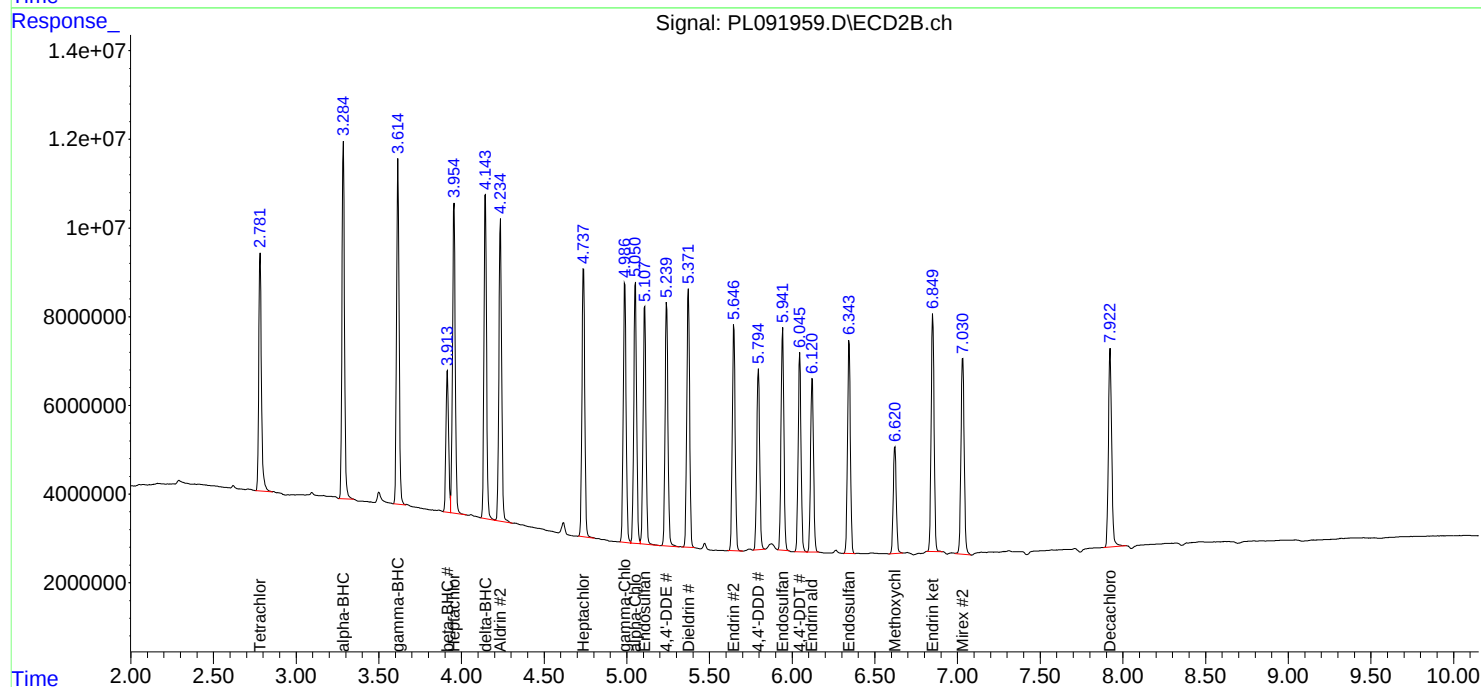
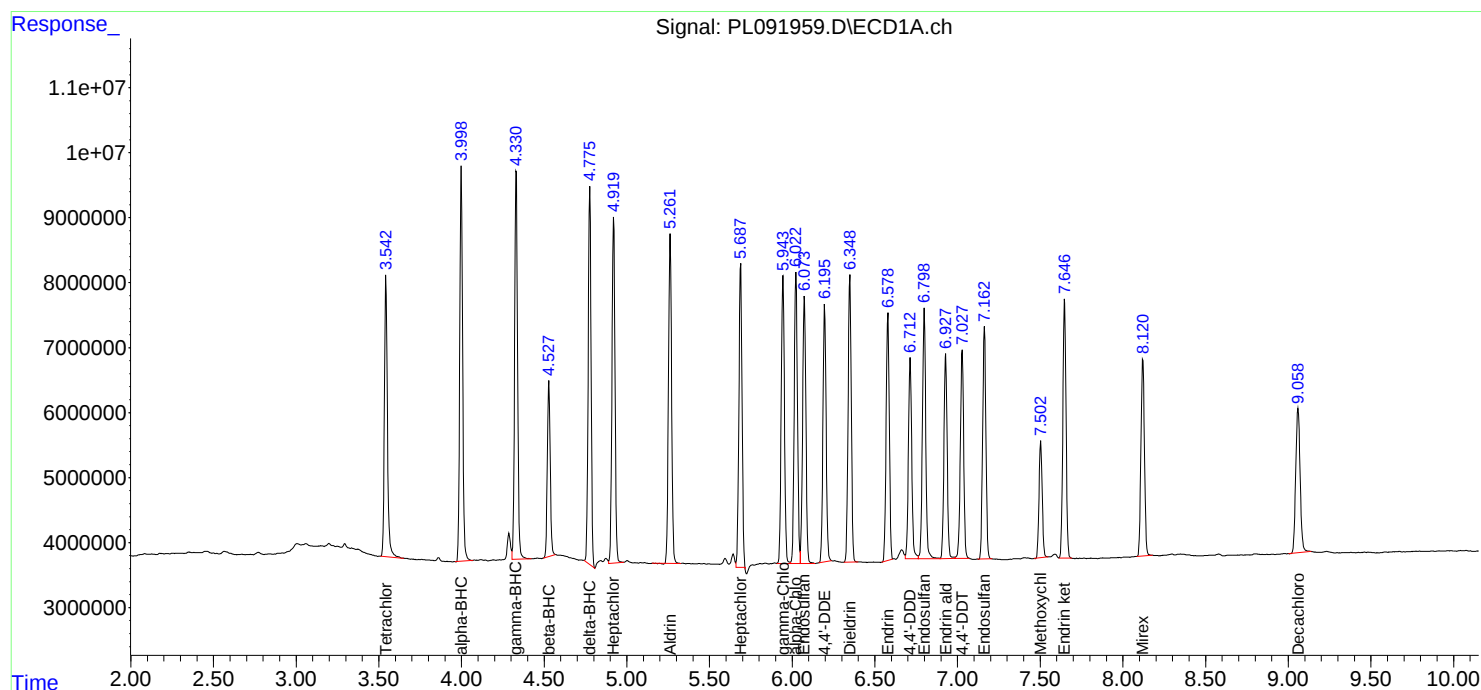
APPROVED

Reviewed By :Abdul Mirza 09/24/2024

Supervised By :Ankita Jodhani 09/24/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 12:43:36 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 12:36:16 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\PL092324\
 Data File : PL091960.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2024 12:26
 Operator : AR\AJ
 Sample : PSTDICC005
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDICC005

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 09/24/2024

Supervised By :Ankita Jodhani 09/24/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 12:47:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 12:46:38 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...	3.543	2.782	12633129	13182145	5.679	5.256
28) SA Decachlor...	9.059	7.923	9484821	14143204	5.790	5.653
Target Compounds						
2) A alpha-BHC	3.999	3.285	17234641	16938621	5.566	4.649
3) MA gamma-BHC...	4.331	3.615	18256381	16798623	5.891	4.758
4) MA Heptachlor	4.919	3.955	16494140	17975038	5.973m	5.209
5) MB Aldrin	5.262	4.235	16538396	16809155	5.954	4.942
6) B beta-BHC	4.529	3.915	7951520	8491709	5.995	5.649
7) B delta-BHC	4.774	4.144	16230374	16566283	5.661m	4.772
8) B Heptachlo...	5.687	4.737	15229887	15706926	6.010m	5.196
9) A Endosulfan I	6.074	5.108	13873483	14080406	5.997	5.130
10) B gamma-Chl...	5.944	4.988	14729856	15187516	5.961	5.048
11) B alpha-Chl...	6.023	5.052	14655099	15333163	5.949	5.122
12) B 4,4'-DDE	6.196	5.241	12666670	13620254	5.852	4.901
13) MA Dieldrin	6.349	5.372	14459648	14445705	5.929	4.927
14) MA Endrin	6.578	5.647	12202391	13210948	5.921	5.038
15) B Endosulfa...	6.798	5.942	13878055	12738836	6.309	5.091
16) A 4,4'-DDD	6.713	5.795	11272715	10512441	6.382	4.921
17) MA 4,4'-DDT	7.027	6.046	10890247	11127077	5.915	4.810
18) B Endrin al...	6.928	6.122	10790390	10863269	6.192	5.323
19) B Endosulfa...	7.162	6.345	11985801	12600844	6.046	5.223
20) A Methoxychlor	7.502	6.621	5700396	6718459	5.819m	5.373
21) B Endrin ke...	7.647	6.848	13084630	14041873	5.954	5.068m
22) Mirex	8.120	7.031	11179921	13974423	6.208	5.745

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091960.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 12:26
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDICC005

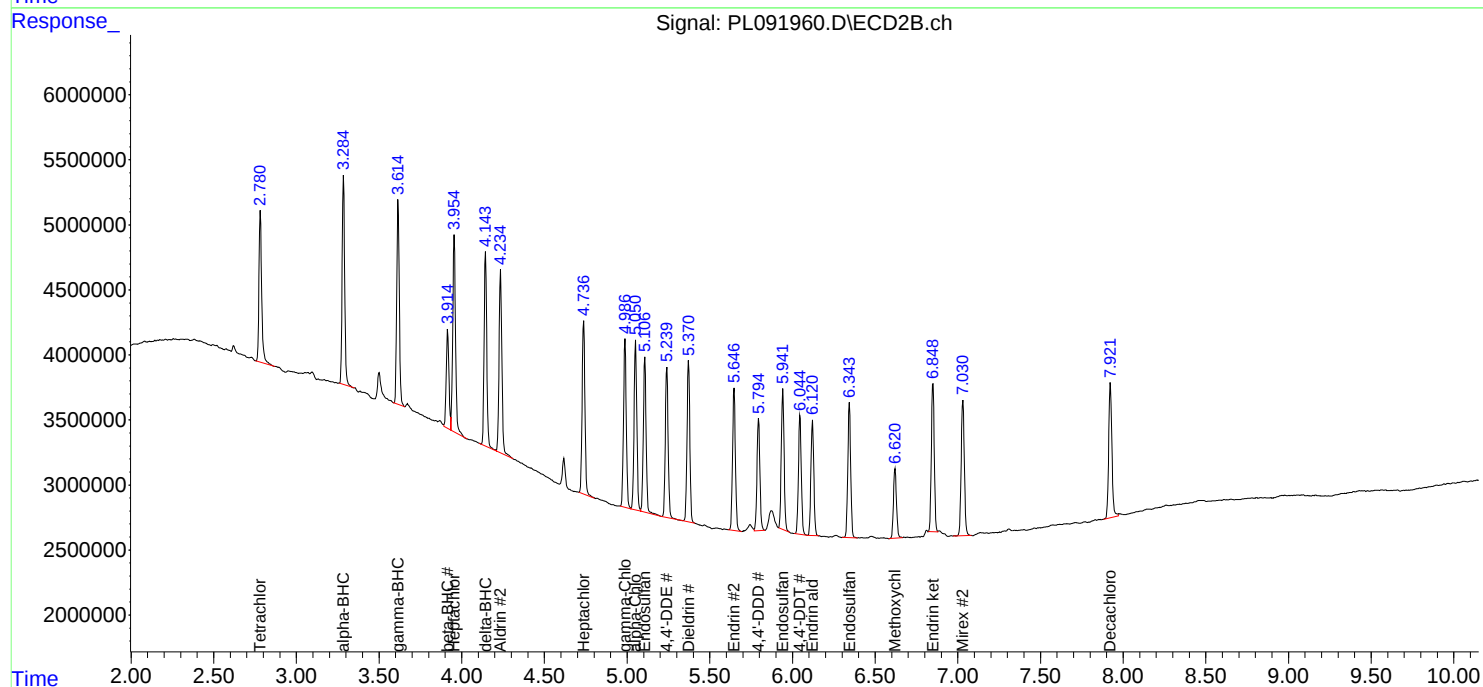
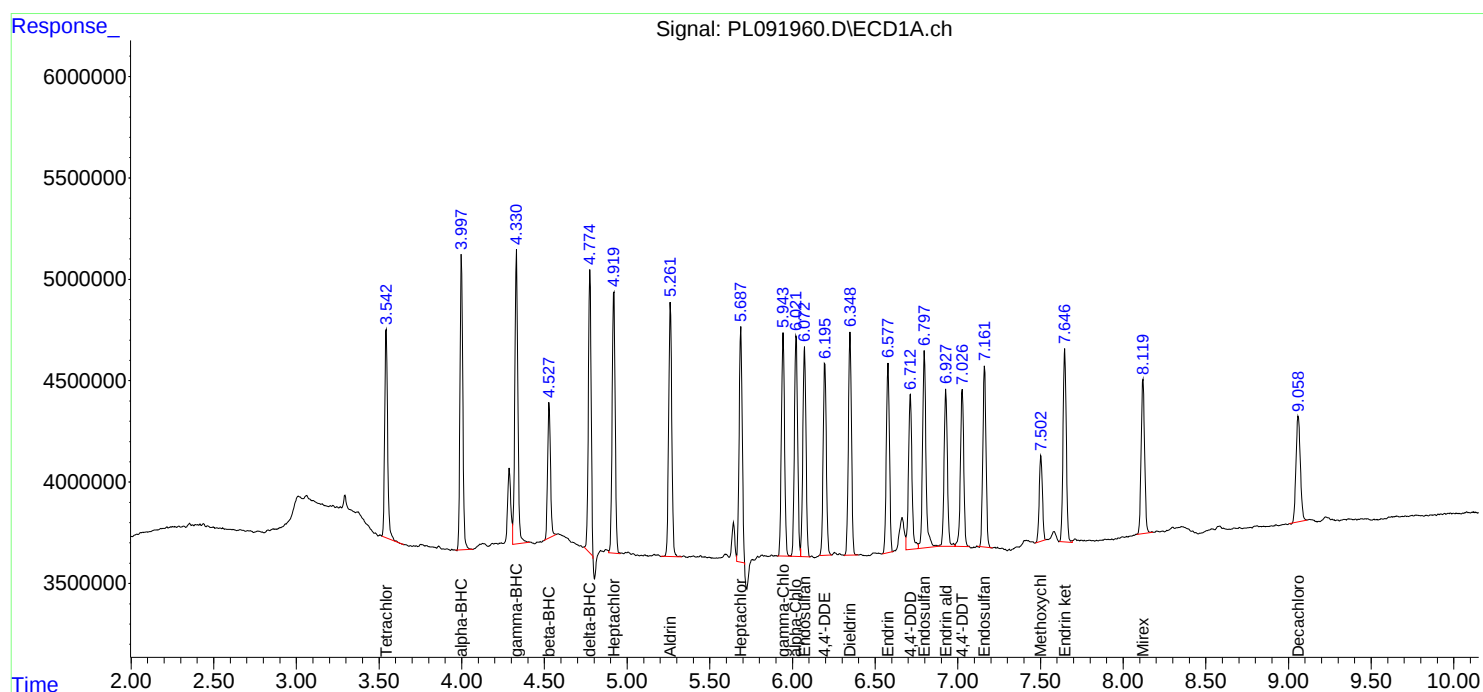
Manual Integrations

APPROVED

Reviewed By : Abdul Mirza 09/24/2024
Supervised By : Ankita Jodhani 09/24/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 12:47:03 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 12:46:38 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\PL092324\
 Data File : PL091963.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2024 13:06
 Operator : AR\AJ
 Sample : PCHLORICC500
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PCHLORICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 13:20:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 13:20:38 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...	3.544	2.782	105.7E6	151.2E6	50.000	50.000
28) SA Decachlor...	9.061	7.924	78626748	121.3E6	50.000	50.000
Target Compounds						
23) Chlordane-1	4.706	3.781	49457629	49048818	500.000	500.000
24) Chlordane-2	5.236	4.358	51426580	54655467	500.000	500.000
25) Chlordane-3	5.946	4.989	177.7E6	164.8E6	500.000	500.000
26) Chlordane-4	6.028	5.051	216.0E6	157.8E6	500.000	500.000
27) Chlordane-5	6.877	5.947	42070403	54145786	500.000	500.000

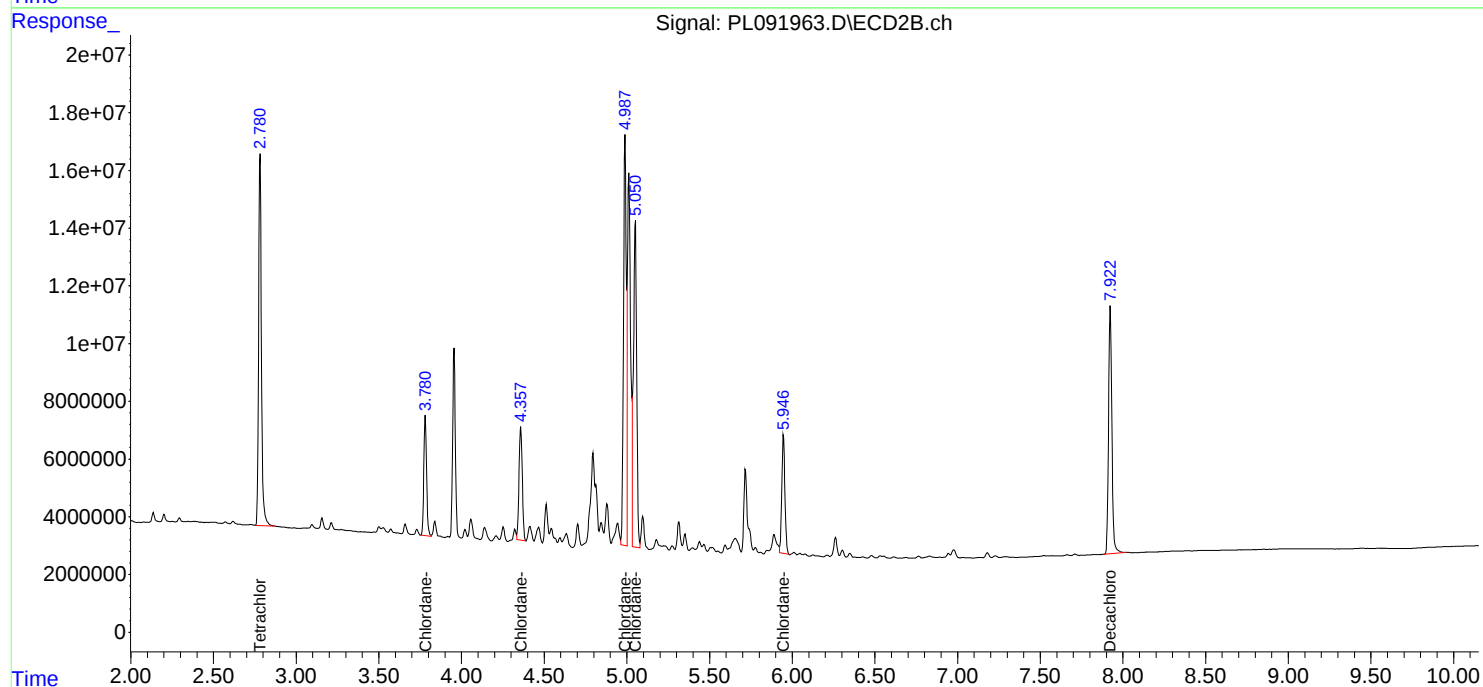
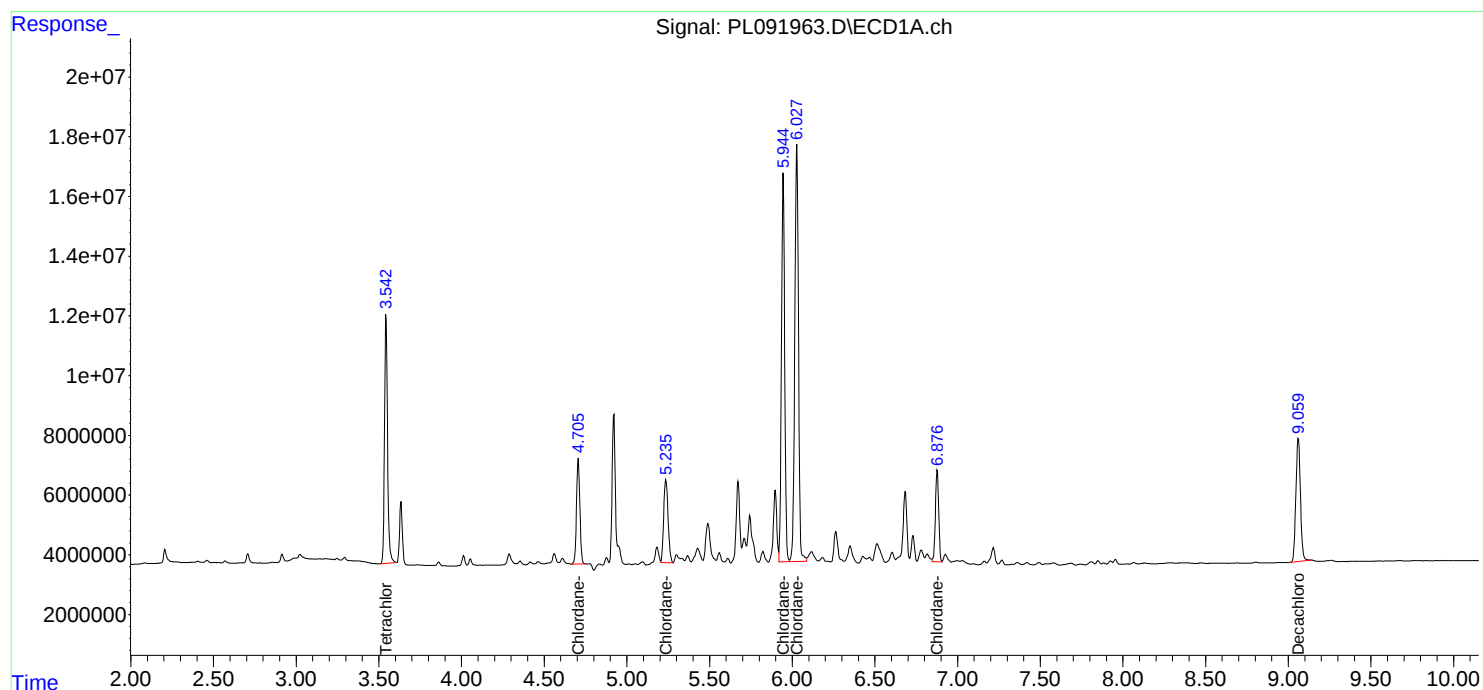
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091963.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 13:06
Operator : AR\AJ
Sample : PCHLORICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PCHLORICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 13:20:59 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 13:20:38 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\PL092324\
 Data File : PL091968.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2024 14:13
 Operator : AR\AJ
 Sample : PTOXICC500
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PTOXICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 14:27:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 14:27:33 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...	3.544	2.783	109.5E6	128.2E6	50.000	50.000
7) SA Decachlor...	9.061	7.924	79903287	127.0E6	50.000	50.000
Target Compounds						
2) Toxaphene-1	6.242	5.013	11332642	9046791	500.000	500.000
3) Toxaphene-2	6.446	5.338	6961013	8635853	500.000	500.000
4) Toxaphene-3	7.064	6.612	35480266	31997930	500.000	500.000
5) Toxaphene-4	7.154	6.740	26925608	44333132	500.000	500.000
6) Toxaphene-5	7.939	7.053	19863490	30174872	500.000	500.000

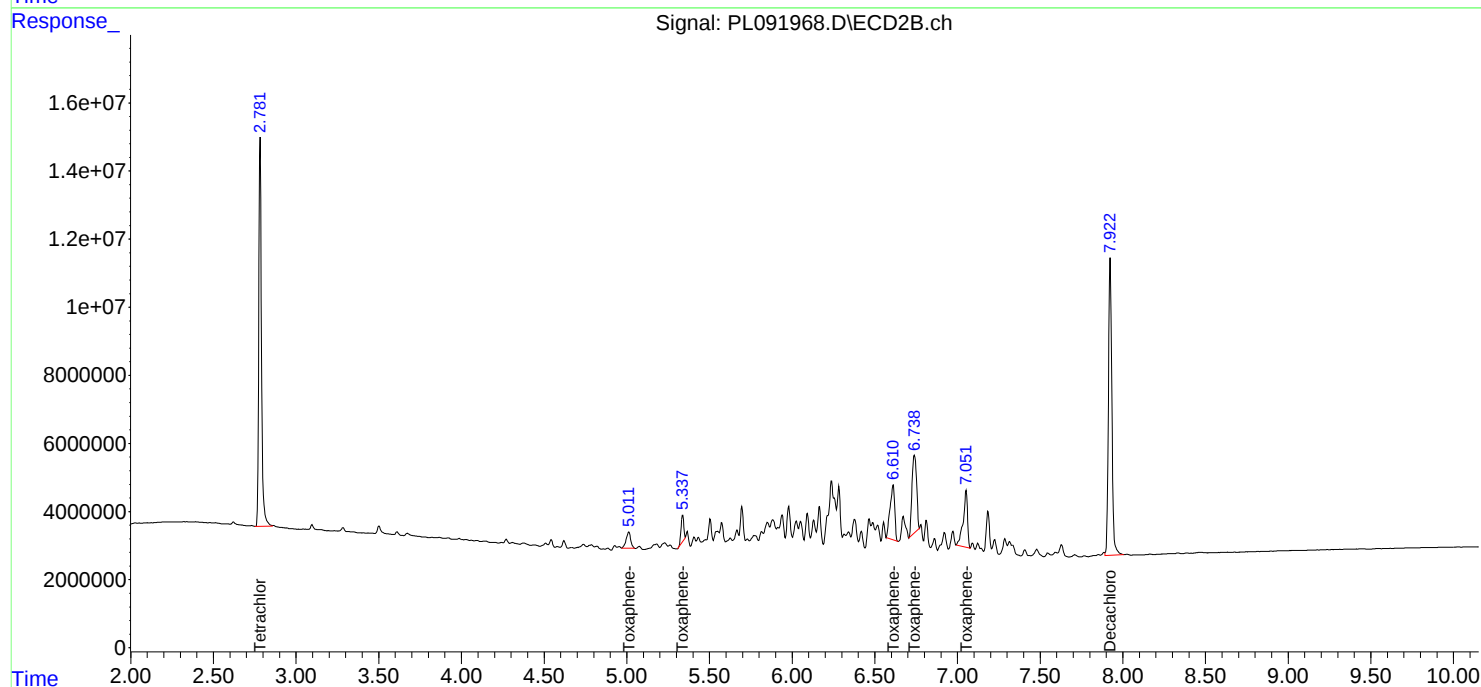
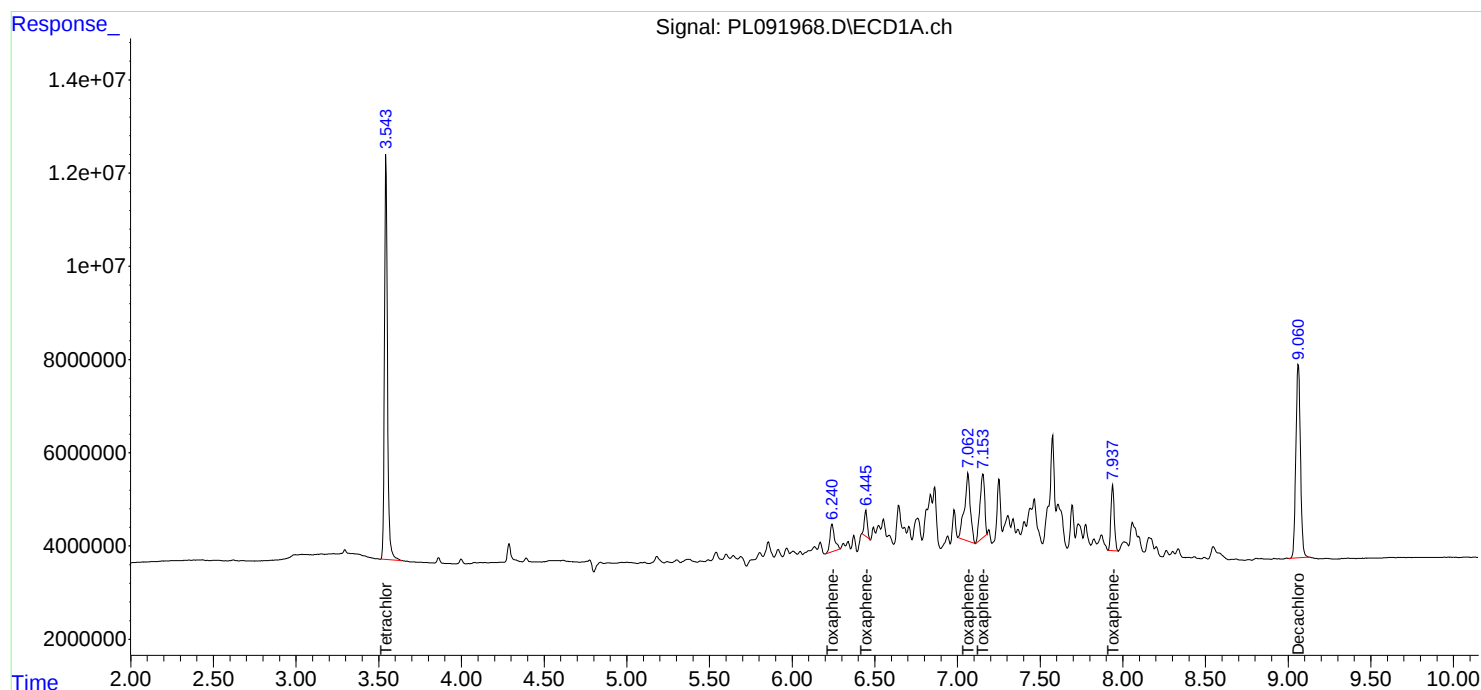
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091968.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 14:13
Operator : AR\AJ
Sample : PTOXICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PTOXICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 14:27:45 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 14:27:33 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\PL092324\
 Data File : PL091971.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2024 14:53
 Operator : AR\AJ
 Sample : PSTDICV050
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ICVPL092324

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 15:03:44 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 14:03:20 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...	3.544	2.783	109.9E6	128.4E6	49.390	51.205
28) SA Decachlor...	9.061	7.924	80630291	124.4E6	49.218	49.714
Target Compounds						
2) A alpha-BHC	4.000	3.286	153.8E6	191.8E6	49.681	52.648
3) MA gamma-BHC...	4.333	3.616	148.6E6	180.9E6	47.945	51.231
4) MA Heptachlor	4.921	3.956	136.9E6	180.2E6	49.499	52.235
5) MB Aldrin	5.263	4.236	131.2E6	170.0E6	47.251	49.996
6) B beta-BHC	4.529	3.916	66146006	76950183	49.870	51.194
7) B delta-BHC	4.777	4.145	137.2E6	174.0E6	47.561	50.106
8) B Heptachlo...	5.689	4.739	123.2E6	152.3E6	48.400	50.380
9) A Endosulfan I	6.075	5.109	112.6E6	141.2E6	48.653	51.437
10) B gamma-Chl...	5.945	4.989	121.7E6	157.8E6	49.229	52.448
11) B alpha-Chl...	6.024	5.052	120.9E6	155.4E6	49.062	51.920
12) B 4,4'-DDE	6.197	5.242	105.6E6	144.3E6	48.782	51.912
13) MA Dieldrin	6.350	5.373	118.3E6	151.6E6	48.519	51.702
14) MA Endrin	6.579	5.649	98509120	136.0E6	47.804	51.857
15) B Endosulfa...	6.799	5.943	105.0E6	130.1E6	47.716	51.995
16) A 4,4'-DDD	6.715	5.796	85129062	110.7E6	47.407	51.804
17) MA 4,4'-DDT	7.029	6.047	91095429	120.5E6	49.476	52.077
18) B Endrin al...	6.929	6.122	80636033	99387650	46.269	48.702
19) B Endosulfa...	7.163	6.345	95965254	123.4E6	48.412	51.142
20) A Methoxychlor	7.504	6.622	48243371	62546426	49.142	50.023
21) B Endrin ke...	7.648	6.851	105.6E6	141.0E6	48.075	50.910
22) Mirex	8.122	7.032	83219849	114.6E6	46.208	47.114

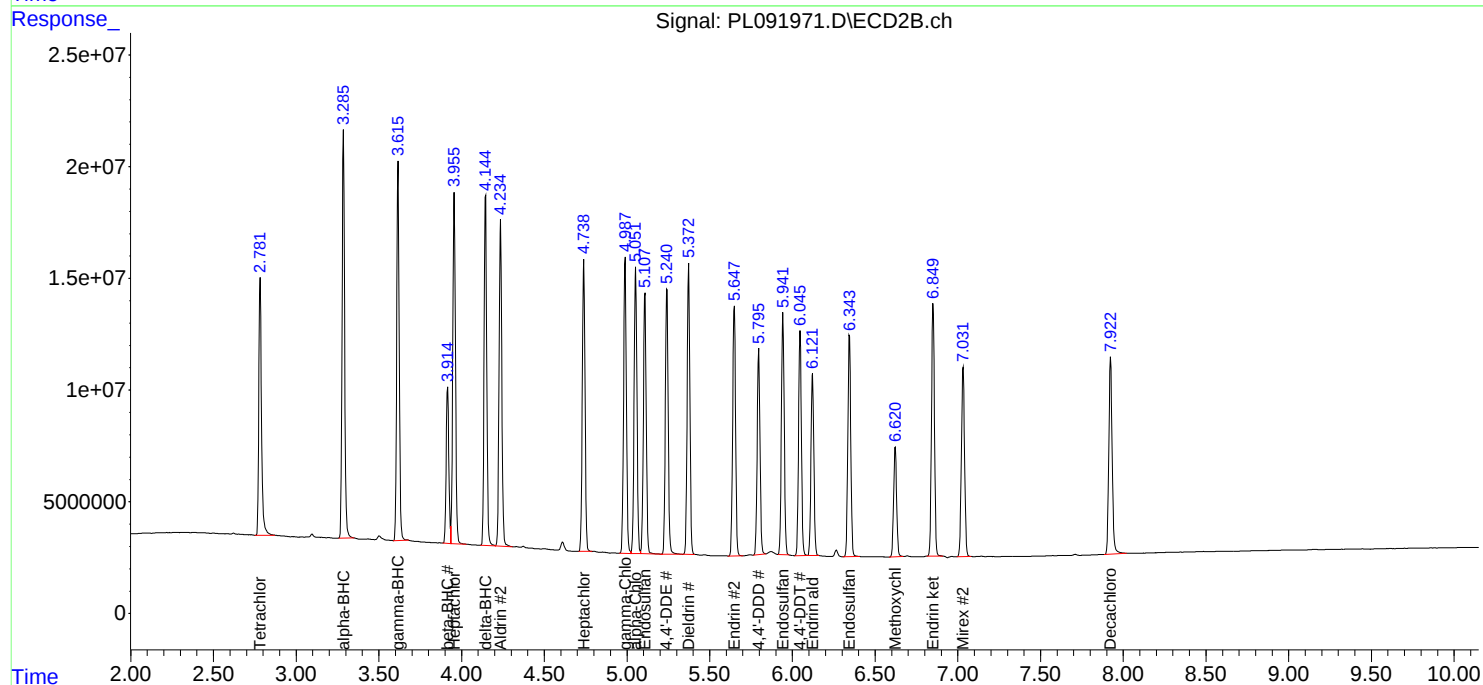
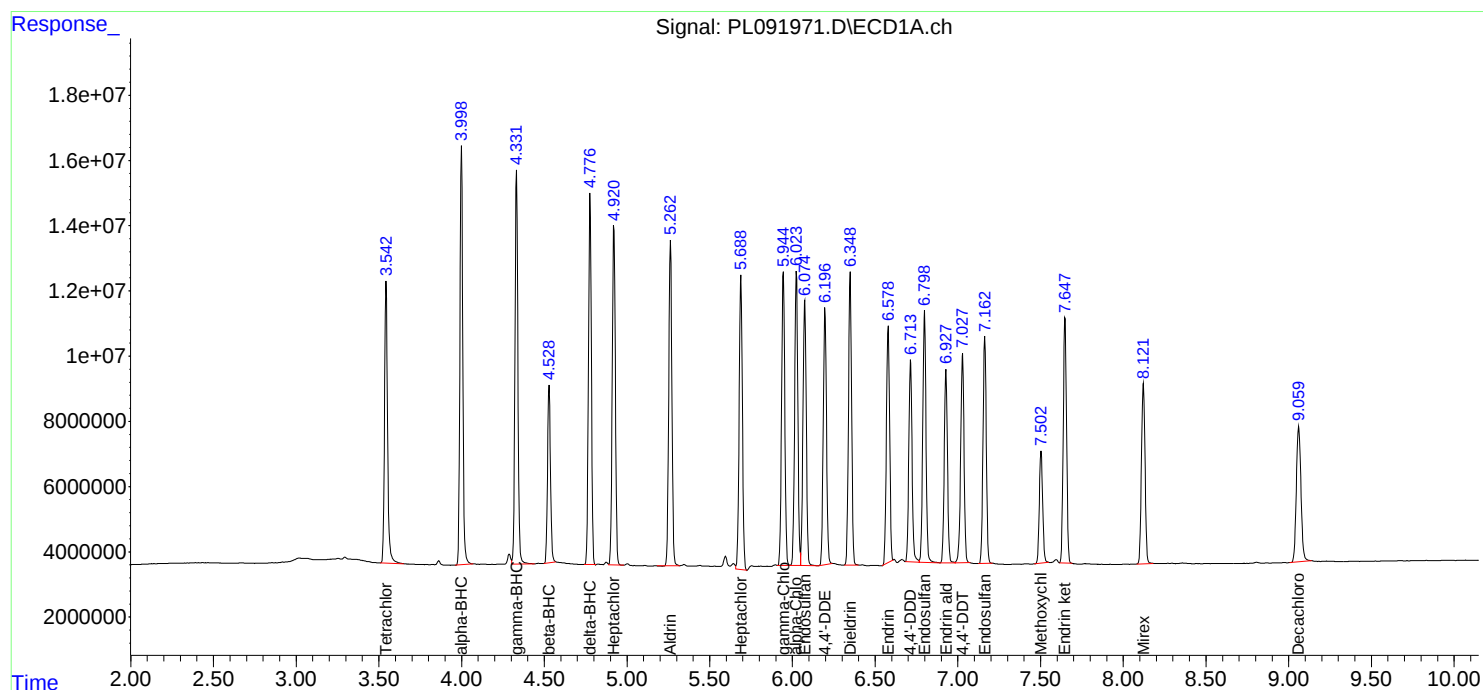
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091971.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 14:53
Operator : AR\AJ
Sample : PSTDICV050
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ICVPL092324

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 15:03:44 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 14:03:20 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\PL092324\
 Data File : PL091972.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2024 15:20
 Operator : AR\AJ
 Sample : PCHLORICV500
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ICVPL092324

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 16:42:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 16:41:55 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...	3.544	2.782	106.0E6	152.5E6	48.293	49.786
28) SA Decachlor...	9.061	7.924	78307449	122.8E6	48.429	49.154
Target Compounds						
23) Chlordane-1	4.706	3.781	48433111	49506810	472.544	495.163
24) Chlordane-2	5.236	4.359	51223526	55177128	477.624	491.661
25) Chlordane-3	5.946	4.989	177.0E6	165.6E6	472.503	499.985
26) Chlordane-4	6.028	5.052	215.1E6	156.2E6	474.993	492.258
27) Chlordane-5	6.877	5.948	42165256	54383336	483.464	501.463

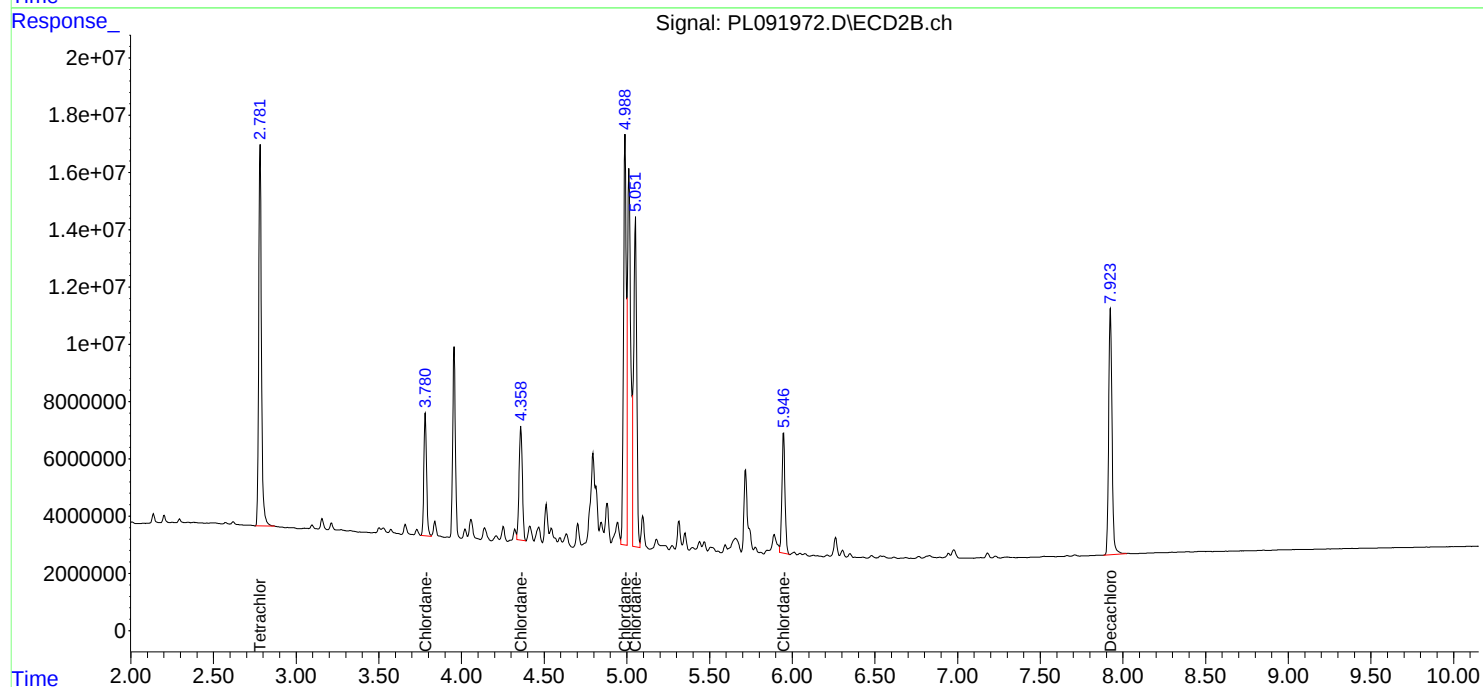
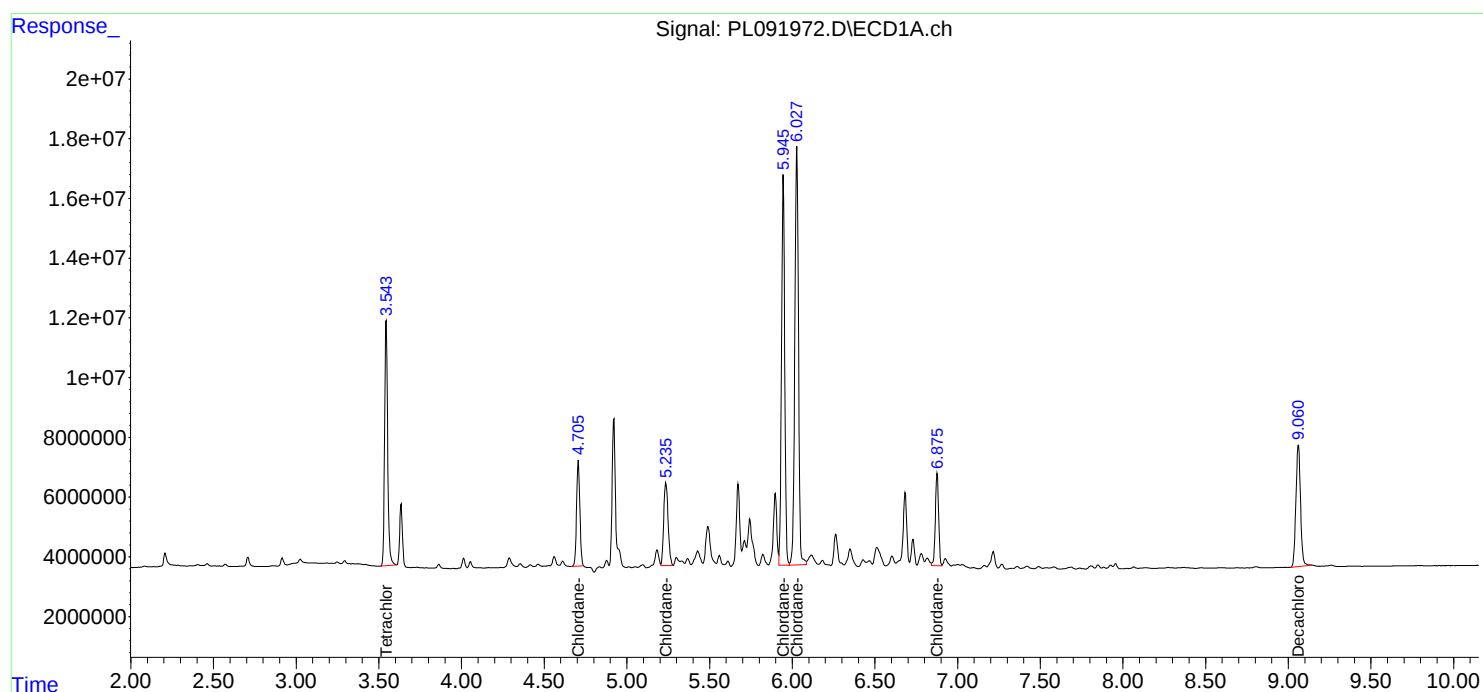
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091972.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 15:20
Operator : AR\AJ
Sample : PCHLORICV500
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ICVPL092324

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 16:42:47 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:41:55 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\PL092324\
 Data File : PL091973.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2024 15:47
 Operator : AR\AJ
 Sample : PTOXICV500
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ICVPL092324

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 15:57:27 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 14:51:37 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...	3.544	2.783	106.0E6	124.1E6	46.888	47.823
7) SA Decachlor...	9.061	7.924	76815884	122.2E6	46.636	47.394
Target Compounds						
2) Toxaphene-1	6.241	5.013	11013305	8801665	475.036	483.177
3) Toxaphene-2	6.445	5.337	6784732	8482784	470.031	485.233
4) Toxaphene-3	7.062	6.611	33644733	30213842	462.251	489.402
5) Toxaphene-4	7.154	6.740	25440428	43005290	460.778	489.466
6) Toxaphene-5	7.938	7.052	19006455	28140333	465.831	472.098

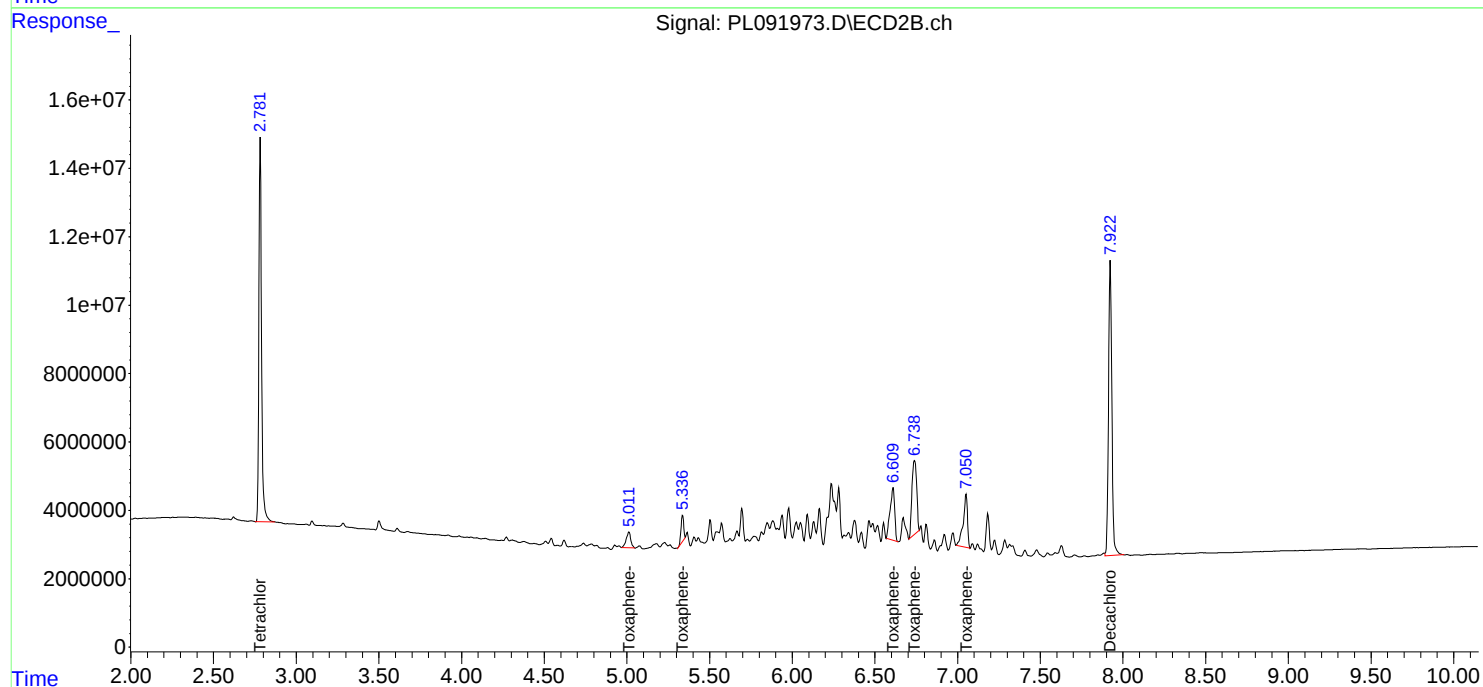
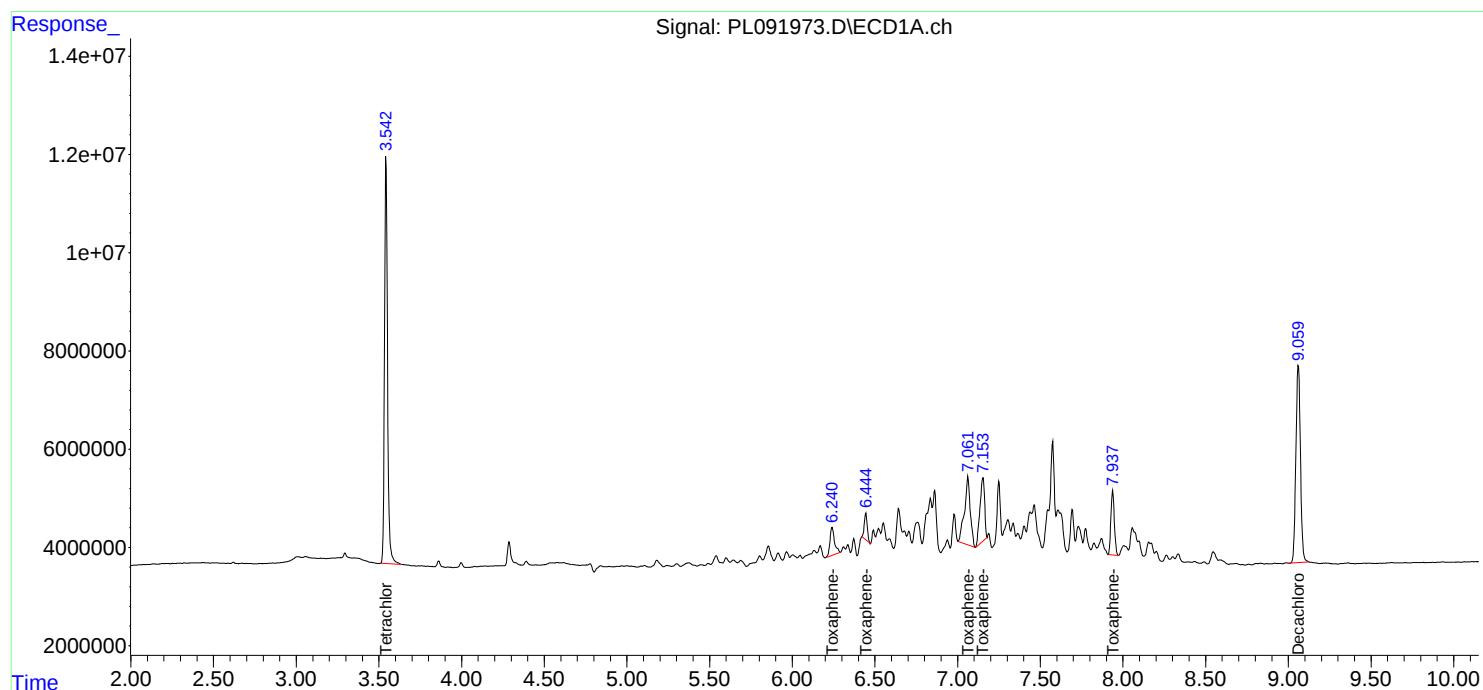
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091973.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 15:47
Operator : AR\AJ
Sample : PTOXICV500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ICVPL092324

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 15:57:27 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 14:51:37 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: SCHE03

Lab Code: CHEM Case No.: P4385 SAS No.: P4385 SDG NO.: P4385

Continuing Calib Date: 10/11/2024 Initial Calibration Date(s): 09/23/2024 09/23/2024

Continuing Calib Time: 11:54 Initial Calibration Time(s): 11:32 12:26

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.06	9.06	8.96	9.16	0.00
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
alpha-BHC	4.00	4.00	3.90	4.10	0.00
beta-BHC	4.53	4.53	4.43	4.63	0.00
delta-BHC	4.77	4.78	4.68	4.88	0.01
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	5.69	5.59	5.79	0.01
Endosulfan I	6.07	6.08	5.98	6.18	0.01
Dieldrin	6.35	6.35	6.25	6.45	0.00
4,4'-DDE	6.19	6.20	6.10	6.30	0.01
Endrin	6.58	6.58	6.48	6.68	0.00
Endosulfan II	6.80	6.80	6.70	6.90	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	7.03	7.03	6.93	7.13	0.00
Methoxychlor	7.50	7.50	7.40	7.60	0.00
Endrin ketone	7.65	7.65	7.55	7.75	0.00
Endrin aldehyde	6.93	6.93	6.83	7.03	0.00
alpha-Chlordane	6.02	6.02	5.92	6.12	0.00
gamma-Chlordane	5.94	5.95	5.85	6.05	0.01



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CALIBRATION VERIFICATION SUMMARY

Contract: SCHE03

Lab Code: CHEM Case No.: P4385 SAS No.: P4385 SDG NO.: P4385

Continuing Calib Date: 10/11/2024 Initial Calibration Date(s): 09/23/2024 09/23/2024

Continuing Calib Time: 11:54 Initial Calibration Time(s): 11:32 12:26

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	3.29	3.19	3.39	0.01
beta-BHC	3.91	3.92	3.82	4.02	0.01
delta-BHC	4.14	4.15	4.05	4.25	0.01
gamma-BHC (Lindane)	3.61	3.62	3.52	3.72	0.01
Heptachlor	3.95	3.96	3.86	4.06	0.01
Aldrin	4.23	4.24	4.14	4.34	0.01
Heptachlor epoxide	4.73	4.74	4.64	4.84	0.01
Endosulfan I	5.10	5.11	5.01	5.21	0.01
Dieldrin	5.37	5.37	5.27	5.47	0.00
4,4'-DDE	5.23	5.24	5.14	5.34	0.01
Endrin	5.64	5.65	5.55	5.75	0.01
Endosulfan II	5.94	5.94	5.84	6.04	0.00
4,4'-DDD	5.79	5.80	5.70	5.90	0.01
Endosulfan sulfate	6.34	6.34	6.24	6.44	0.00
4,4'-DDT	6.04	6.05	5.95	6.15	0.01
Methoxychlor	6.62	6.62	6.52	6.72	0.00
Endrin ketone	6.84	6.85	6.75	6.95	0.01
Endrin aldehyde	6.12	6.12	6.02	6.22	0.00
alpha-Chlordane	5.05	5.05	4.95	5.15	0.00
gamma-Chlordane	4.98	4.99	4.89	5.09	0.01



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CALIBRATION VERIFICATION SUMMARY

Contract: SCHE03

Lab Code: CHEM Case No.: P4385 SAS No.: P4385 SDG NO.: P4385

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 09/23/2024 09/23/2024

Client Sample No.: CCAL01 Date Analyzed: 10/11/2024

Lab Sample No.: PSTDCCC050 Data File : PL092330.D Time Analyzed: 11:54

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.710	6.614	6.814	53.460	50.000	6.9
4,4'-DDE	6.194	6.097	6.297	52.750	50.000	5.5
4,4'-DDT	7.026	6.928	7.128	52.610	50.000	5.2
Aldrin	5.259	5.163	5.363	51.260	50.000	2.5
alpha-BHC	3.996	3.899	4.099	52.740	50.000	5.5
alpha-Chlordane	6.019	5.924	6.124	51.550	50.000	3.1
beta-BHC	4.525	4.429	4.629	51.990	50.000	4.0
Decachlorobiphenyl	9.059	8.960	9.160	55.090	50.000	10.2
delta-BHC	4.773	4.677	4.877	52.840	50.000	5.7
Dieldrin	6.346	6.249	6.449	51.740	50.000	3.5
Endosulfan I	6.071	5.975	6.175	54.100	50.000	8.2
Endosulfan II	6.796	6.698	6.898	50.260	50.000	0.5
Endosulfan sulfate	7.161	7.063	7.263	51.970	50.000	3.9
Endrin	6.576	6.479	6.679	51.260	50.000	2.5
Endrin aldehyde	6.926	6.828	7.028	51.670	50.000	3.3
Endrin ketone	7.646	7.548	7.748	52.510	50.000	5.0
gamma-BHC (Lindane)	4.328	4.232	4.432	51.140	50.000	2.3
gamma-Chlordane	5.940	5.845	6.045	51.870	50.000	3.7
Heptachlor	4.917	4.820	5.020	52.270	50.000	4.5
Heptachlor epoxide	5.684	5.589	5.789	53.130	50.000	6.3
Methoxychlor	7.502	7.404	7.604	54.430	50.000	8.9
Tetrachloro-m-xylene	3.540	3.444	3.644	52.510	50.000	5.0



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CALIBRATION VERIFICATION SUMMARY

Contract: SCHE03

Lab Code: CHEM Case No.: P4385 SAS No.: P4385 SDG NO.: P4385

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 09/23/2024 09/23/2024

Client Sample No.: CCAL01 Date Analyzed: 10/11/2024

Lab Sample No.: PSTDCCC050 Data File : PL092330.D Time Analyzed: 11:54

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.791	5.696	5.896	58.370	50.000	16.7
4,4'-DDE	5.234	5.141	5.341	56.900	50.000	13.8
4,4'-DDT	6.041	5.946	6.146	54.730	50.000	9.5
Aldrin	4.229	4.135	4.335	54.360	50.000	8.7
alpha-BHC	3.281	3.186	3.386	54.900	50.000	9.8
alpha-Chlordane	5.046	4.952	5.152	54.300	50.000	8.6
beta-BHC	3.910	3.815	4.015	53.590	50.000	7.2
Decachlorobiphenyl	7.919	7.823	8.023	53.150	50.000	6.3
delta-BHC	4.138	4.045	4.245	55.480	50.000	11.0
Dieldrin	5.367	5.272	5.472	55.180	50.000	10.4
Endosulfan I	5.102	5.008	5.208	48.570	50.000	-2.9
Endosulfan II	5.938	5.842	6.042	55.090	50.000	10.2
Endosulfan sulfate	6.340	6.244	6.444	54.710	50.000	9.4
Endrin	5.642	5.548	5.748	54.170	50.000	8.3
Endrin aldehyde	6.117	6.022	6.222	54.520	50.000	9.0
Endrin ketone	6.844	6.750	6.950	56.540	50.000	13.1
gamma-BHC (Lindane)	3.611	3.516	3.716	54.380	50.000	8.8
gamma-Chlordane	4.982	4.888	5.088	54.910	50.000	9.8
Heptachlor	3.950	3.855	4.055	53.910	50.000	7.8
Heptachlor epoxide	4.732	4.638	4.838	53.980	50.000	8.0
Methoxychlor	6.616	6.521	6.721	54.680	50.000	9.4
Tetrachloro-m-xylene	2.778	2.682	2.882	53.400	50.000	6.8

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101224\
 Data File : PL092330.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Oct 2024 11:54
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 10/14/2024

Supervised By :Ankita Jodhani 10/14/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 11 12:24:53 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 16:44:57 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	116.8E6	133.9E6	52.513	53.403
28)	SA Decachlor...	9.059	7.919	90244874	133.0E6	55.087	53.146
Target Compounds							
2)	A alpha-BHC	3.996	3.281	163.3E6	200.0E6	52.737	54.895
3)	MA gamma-BHC...	4.328	3.611	158.5E6	192.0E6	51.144	54.382
4)	MA Heptachlor	4.917	3.950	144.5E6	186.0E6	52.266	53.908
5)	MB Aldrin	5.259	4.229	142.4E6	184.9E6	51.263	54.355m
6)	B beta-BHC	4.525	3.910	68964078	80556582	51.994	53.594
7)	B delta-BHC	4.773	4.138	152.4E6	192.6E6	52.838	55.484m
8)	B Heptachlo...	5.684	4.732	135.2E6	163.2E6	53.134m	53.982
9)	A Endosulfan I	6.071	5.102	125.2E6	133.3E6	54.104	48.571
10)	B gamma-Chl...	5.940	4.982	128.2E6	165.2E6	51.870m	54.908
11)	B alpha-Chl...	6.019	5.046	127.0E6	162.5E6	51.553m	54.299
12)	B 4,4'-DDE	6.194	5.234	114.2E6	158.1E6	52.751	56.903m
13)	MA Dieldrin	6.346	5.367	126.2E6	161.8E6	51.738	55.180
14)	MA Endrin	6.576	5.642	105.6E6	142.1E6	51.258	54.175
15)	B Endosulfa...	6.796	5.938	110.6E6	137.9E6	50.258	55.095
16)	A 4,4'-DDD	6.710	5.791	96000402	124.7E6	53.461m	58.368
17)	MA 4,4'-DDT	7.026	6.041	96864026	126.6E6	52.609	54.728
18)	B Endrin al...	6.926	6.117	90055776	111.3E6	51.674	54.524
19)	B Endosulfa...	7.161	6.340	103.0E6	132.0E6	51.970	54.705
20)	A Methoxychlor	7.502	6.616	53431758	68370093	54.427	54.681
21)	B Endrin ke...	7.646	6.844	115.4E6	156.5E6	52.507	56.536m
22)	Mirex	8.119	7.025	91532342	125.5E6	50.823	51.585m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101224\
Data File : PL092330.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Oct 2024 11:54
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

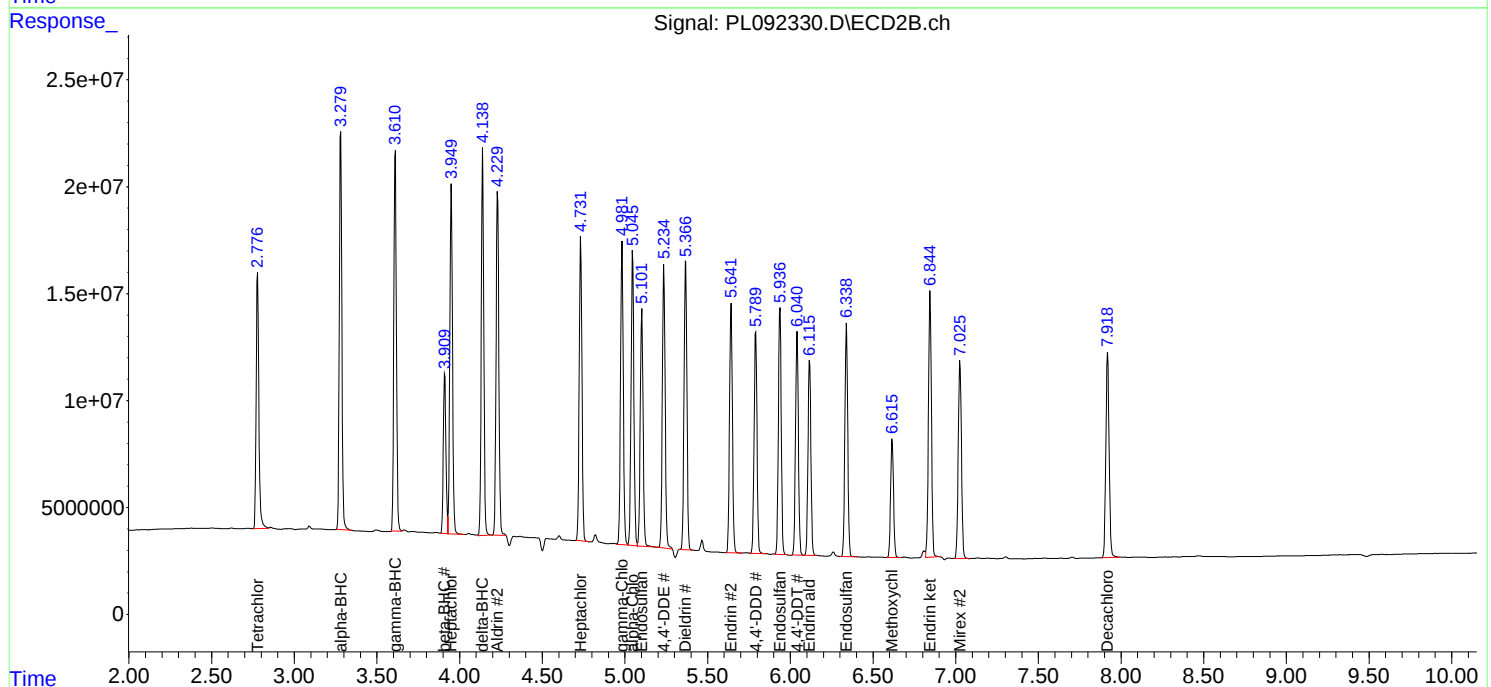
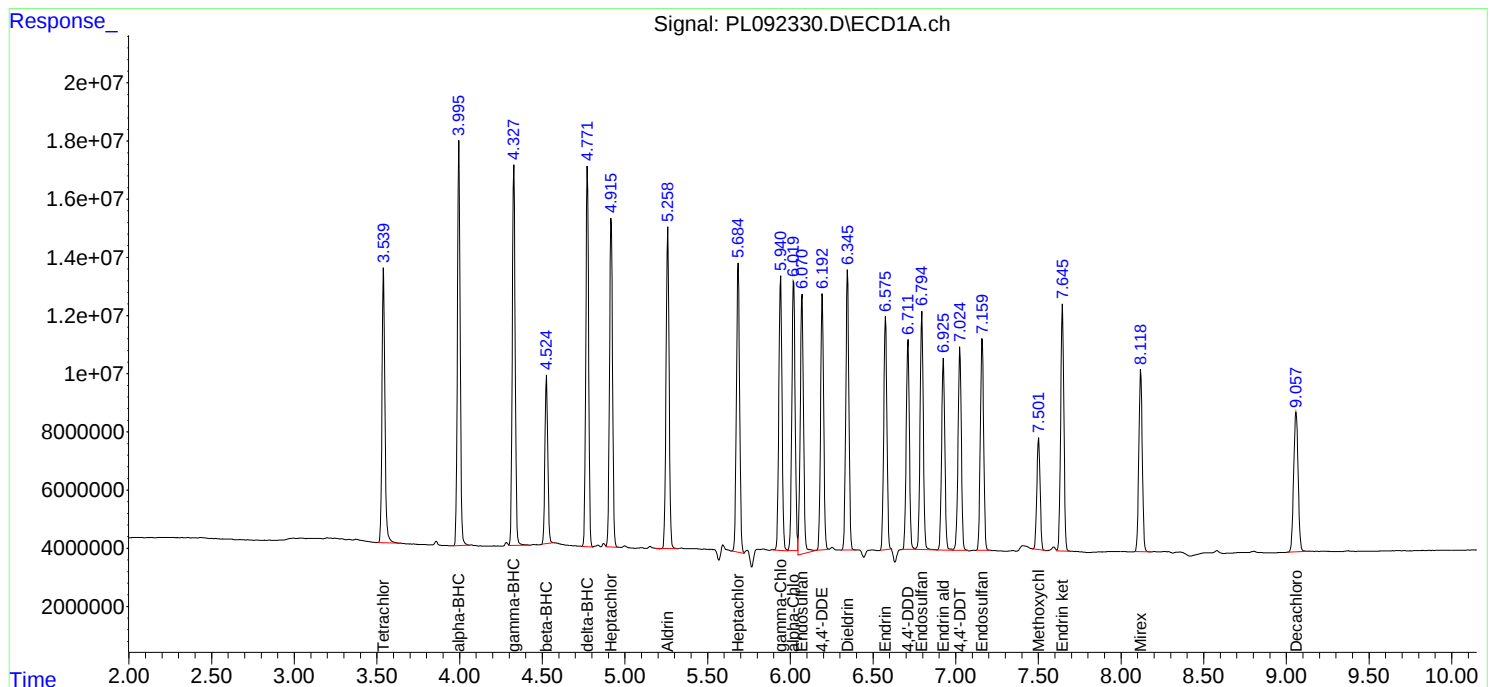
APPROVED

Reviewed By :Abdul Mirza 10/14/2024

Supervised By :Ankita Jodhani 10/14/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 11 12:24:53 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 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: SCHE03

Lab Code: CHEM Case No.: P4385 SAS No.: P4385 SDG NO.: P4385

Continuing Calib Date: 10/11/2024 Initial Calibration Date(s): 09/23/2024 09/23/2024

Continuing Calib Time: 17:48 Initial Calibration Time(s): 11:32 12:26

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.06	9.06	8.96	9.16	0.00
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
alpha-BHC	4.00	4.00	3.90	4.10	0.00
beta-BHC	4.53	4.53	4.43	4.63	0.00
delta-BHC	4.78	4.78	4.68	4.88	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	5.69	5.59	5.79	0.00
Endosulfan I	6.08	6.08	5.98	6.18	0.00
Dieldrin	6.35	6.35	6.25	6.45	0.00
4,4'-DDE	6.20	6.20	6.10	6.30	0.00
Endrin	6.58	6.58	6.48	6.68	0.00
Endosulfan II	6.80	6.80	6.70	6.90	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	7.03	7.03	6.93	7.13	0.00
Methoxychlor	7.51	7.50	7.40	7.60	-0.01
Endrin ketone	7.65	7.65	7.55	7.75	0.00
Endrin aldehyde	6.93	6.93	6.83	7.03	0.00
alpha-Chlordane	6.03	6.02	5.92	6.12	-0.01
gamma-Chlordane	5.95	5.95	5.85	6.05	0.00



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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: SCHE03

Lab Code: CHEM Case No.: P4385 SAS No.: P4385 SDG NO.: P4385

Continuing Calib Date: 10/11/2024 Initial Calibration Date(s): 09/23/2024 09/23/2024

Continuing Calib Time: 17:48 Initial Calibration Time(s): 11:32 12:26

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	3.29	3.19	3.39	0.01
beta-BHC	3.91	3.92	3.82	4.02	0.01
delta-BHC	4.14	4.15	4.05	4.25	0.01
gamma-BHC (Lindane)	3.61	3.62	3.52	3.72	0.01
Heptachlor	3.95	3.96	3.86	4.06	0.01
Aldrin	4.23	4.24	4.14	4.34	0.01
Heptachlor epoxide	4.74	4.74	4.64	4.84	0.00
Endosulfan I	5.10	5.11	5.01	5.21	0.01
Dieldrin	5.37	5.37	5.27	5.47	0.00
4,4'-DDE	5.24	5.24	5.14	5.34	0.00
Endrin	5.65	5.65	5.55	5.75	0.01
Endosulfan II	5.94	5.94	5.84	6.04	0.00
4,4'-DDD	5.79	5.80	5.70	5.90	0.01
Endosulfan sulfate	6.34	6.34	6.24	6.44	0.00
4,4'-DDT	6.04	6.05	5.95	6.15	0.01
Methoxychlor	6.62	6.62	6.52	6.72	0.00
Endrin ketone	6.85	6.85	6.75	6.95	0.00
Endrin aldehyde	6.12	6.12	6.02	6.22	0.00
alpha-Chlordane	5.05	5.05	4.95	5.15	0.00
gamma-Chlordane	4.98	4.99	4.89	5.09	0.01



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

CALIBRATION VERIFICATION SUMMARY

Contract: SCHE03

Lab Code: CHEM Case No.: P4385 SAS No.: P4385 SDG NO.: P4385

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 09/23/2024 09/23/2024

Client Sample No.: CCAL02 Date Analyzed: 10/11/2024

Lab Sample No.: PSTDCCC050 Data File : PL092347.D Time Analyzed: 17:48

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.714	6.614	6.814	50.090	50.000	0.2
4,4'-DDE	6.198	6.097	6.297	49.040	50.000	-1.9
4,4'-DDT	7.029	6.928	7.128	46.250	50.000	-7.5
Aldrin	5.263	5.163	5.363	48.640	50.000	-2.7
alpha-BHC	4.000	3.899	4.099	50.680	50.000	1.4
alpha-Chlordane	6.025	5.924	6.124	48.780	50.000	-2.4
beta-BHC	4.530	4.429	4.629	49.240	50.000	-1.5
Decachlorobiphenyl	9.062	8.960	9.160	48.480	50.000	-3.0
delta-BHC	4.777	4.677	4.877	50.290	50.000	0.6
Dieldrin	6.351	6.249	6.449	47.990	50.000	-4.0
Endosulfan I	6.076	5.975	6.175	48.510	50.000	-3.0
Endosulfan II	6.800	6.698	6.898	45.520	50.000	-9.0
Endosulfan sulfate	7.164	7.063	7.263	47.180	50.000	-5.6
Endrin	6.579	6.479	6.679	46.970	50.000	-6.1
Endrin aldehyde	6.931	6.828	7.028	46.650	50.000	-6.7
Endrin ketone	7.649	7.548	7.748	47.620	50.000	-4.8
gamma-BHC (Lindane)	4.332	4.232	4.432	48.830	50.000	-2.3
gamma-Chlordane	5.945	5.845	6.045	47.960	50.000	-4.1
Heptachlor	4.922	4.820	5.020	49.860	50.000	-0.3
Heptachlor epoxide	5.690	5.589	5.789	49.360	50.000	-1.3
Methoxychlor	7.505	7.404	7.604	48.210	50.000	-3.6
Tetrachloro-m-xylene	3.544	3.444	3.644	50.410	50.000	0.8



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

CALIBRATION VERIFICATION SUMMARY

Contract: SCHE03

Lab Code: CHEM Case No.: P4385 SAS No.: P4385 SDG NO.: P4385

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 09/23/2024 09/23/2024

Client Sample No.: CCAL02 Date Analyzed: 10/11/2024

Lab Sample No.: PSTDCCC050 Data File : PL092347.D Time Analyzed: 17:48

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.793	5.696	5.896	56.110	50.000	12.2
4,4'-DDE	5.236	5.141	5.341	52.770	50.000	5.5
4,4'-DDT	6.044	5.946	6.146	47.860	50.000	-4.3
Aldrin	4.230	4.135	4.335	51.730	50.000	3.5
alpha-BHC	3.282	3.186	3.386	52.640	50.000	5.3
alpha-Chlordane	5.048	4.952	5.152	50.970	50.000	1.9
beta-BHC	3.911	3.815	4.015	50.680	50.000	1.4
Decachlorobiphenyl	7.921	7.823	8.023	45.400	50.000	-9.2
delta-BHC	4.141	4.045	4.245	53.940	50.000	7.9
Dieldrin	5.369	5.272	5.472	50.980	50.000	2.0
Endosulfan I	5.104	5.008	5.208	50.400	50.000	0.8
Endosulfan II	5.940	5.842	6.042	50.720	50.000	1.4
Endosulfan sulfate	6.342	6.244	6.444	49.690	50.000	-0.6
Endrin	5.645	5.548	5.748	50.020	50.000	0.0
Endrin aldehyde	6.119	6.022	6.222	49.550	50.000	-0.9
Endrin ketone	6.848	6.750	6.950	49.250	50.000	-1.5
gamma-BHC (Lindane)	3.612	3.516	3.716	51.940	50.000	3.9
gamma-Chlordane	4.984	4.888	5.088	51.480	50.000	3.0
Heptachlor	3.951	3.855	4.055	50.810	50.000	1.6
Heptachlor epoxide	4.735	4.638	4.838	51.060	50.000	2.1
Methoxychlor	6.618	6.521	6.721	47.490	50.000	-5.0
Tetrachloro-m-xylene	2.779	2.682	2.882	52.200	50.000	4.4

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101224\
 Data File : PL092347.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Oct 2024 17:48
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 10/14/2024

Supervised By :Ankita Jodhani 10/14/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 14 01:35:48 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 16:44:57 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...	3.544	2.779	112.2E6	130.9E6	50.413	52.204
28)	SA Decachlor...	9.062	7.921	79418216	113.6E6	48.478	45.396
Target Compounds							
2)	A alpha-BHC	4.000	3.282	156.9E6	191.8E6	50.680	52.638
3)	MA gamma-BHC...	4.332	3.612	151.3E6	183.4E6	48.829	51.935
4)	MA Heptachlor	4.922	3.951	137.9E6	175.3E6	49.859	50.814
5)	MB Aldrin	5.263	4.230	135.1E6	175.9E6	48.638	51.733m
6)	B beta-BHC	4.530	3.911	65316336	76175113	49.244	50.679
7)	B delta-BHC	4.777	4.141	145.1E6	187.3E6	50.295	53.937
8)	B Heptachlo...	5.690	4.735	125.6E6	154.3E6	49.363	51.058
9)	A Endosulfan I	6.076	5.104	112.2E6	138.3E6	48.512	50.399
10)	B gamma-Chl...	5.945	4.984	118.5E6	154.9E6	47.959m	51.479
11)	B alpha-Chl...	6.025	5.048	120.2E6	152.6E6	48.776	50.968
12)	B 4,4'-DDE	6.198	5.236	106.1E6	146.6E6	49.039	52.773m
13)	MA Dieldrin	6.351	5.369	117.0E6	149.5E6	47.992	50.983
14)	MA Endrin	6.579	5.645	96783960	131.2E6	46.967m	50.023
15)	B Endosulfa...	6.800	5.940	100.1E6	126.9E6	45.523	50.719
16)	A 4,4'-DDD	6.714	5.793	89955941	119.9E6	50.095m	56.106
17)	MA 4,4'-DDT	7.029	6.044	85161327	110.7E6	46.253	47.862
18)	B Endrin al...	6.931	6.119	81304891	101.1E6	46.653	49.551
19)	B Endosulfa...	7.164	6.342	93520408	119.9E6	47.178	49.693
20)	A Methoxychlor	7.505	6.618	47324615	59382988	48.206	47.493
21)	B Endrin ke...	7.649	6.848	104.6E6	136.4E6	47.616	49.252
22)	Mirex	8.123	7.029	80665149	112.7E6	44.789	46.342

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101224\
Data File : PL092347.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Oct 2024 17:48
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

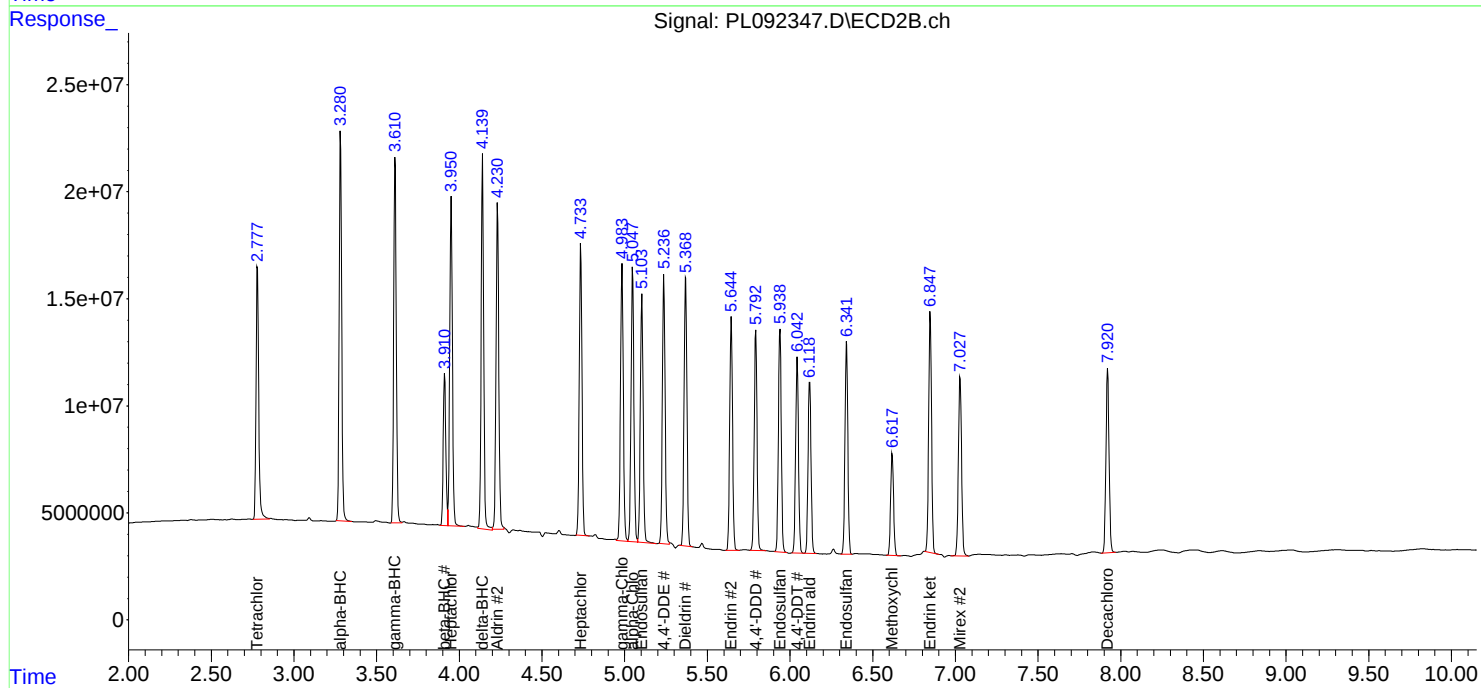
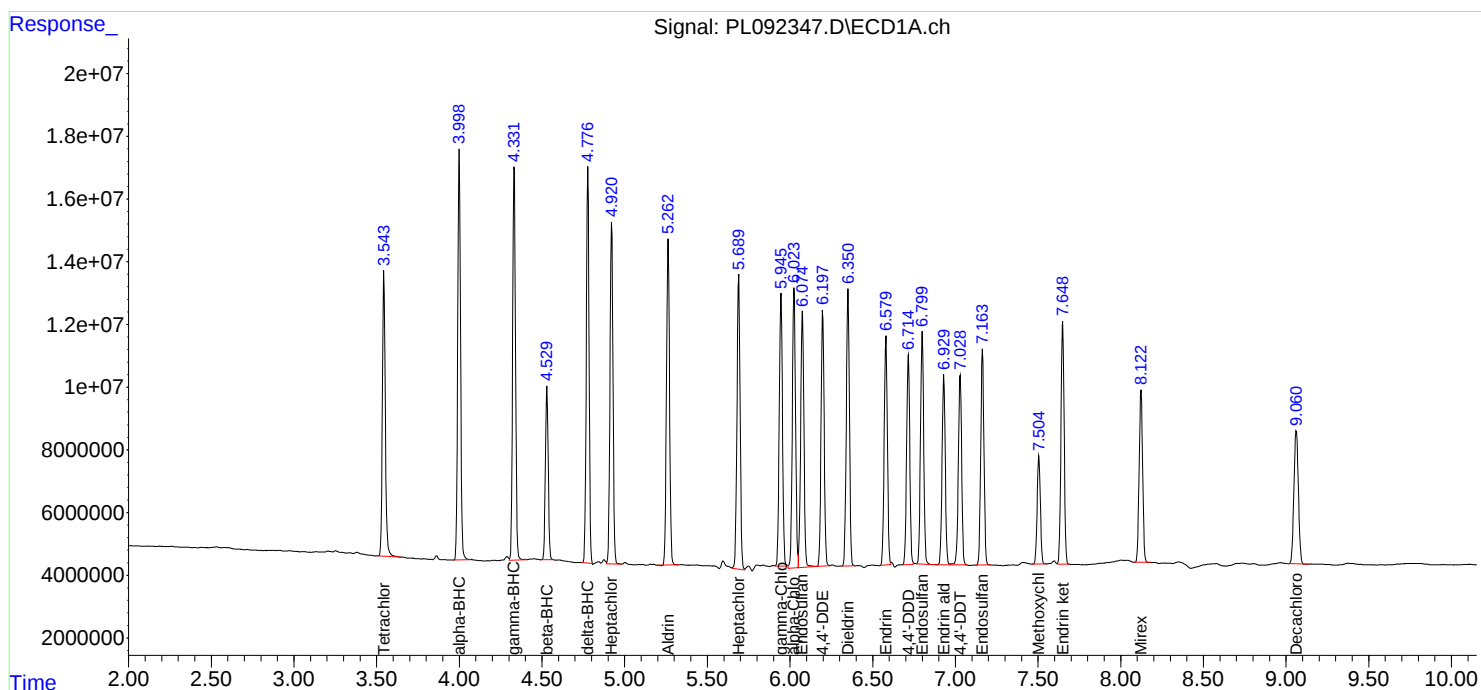
APPROVED

Reviewed By :Abdul Mirza 10/14/2024

Supervised By :Ankita Jodhani 10/14/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 01:35:48 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 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: SCHE03

Lab Code: CHEM Case No.: P4385 SAS No.: P4385 SDG NO.: P4385

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 09/23/2024 09/23/2024

Client Sample No. (PEM): PEM - PL091954.D Date Analyzed: 09/23/2024

Lab Sample No.(PEM): PEM Time Analyzed: 11:05

PEM COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
Decachlorobiphenyl	9.061	8.960	9.160	19.830	20.000	-0.9
Tetrachloro-m-xylene	3.544	3.490	3.590	20.070	20.000	0.4
alpha-BHC	3.999	3.950	4.050	10.180	10.000	1.8
beta-BHC	4.529	4.480	4.580	10.750	10.000	7.5
gamma-BHC (Lindane)	4.332	4.280	4.380	10.100	10.000	1.0
Endrin	6.579	6.510	6.650	43.290	50.000	-13.4
4,4'-DDT	7.028	6.960	7.100	90.240	100.000	-9.8
Methoxychlor	7.504	7.430	7.570	212.390	250.000	-15.0

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 09/23/2024 09/23/2024

Client Sample No. (PEM): PEM - PL091954.D Date Analyzed: 09/23/2024

Lab Sample No.(PEM): PEM Time Analyzed: 11:05

PEM COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
Decachlorobiphenyl	7.923	7.820	8.020	19.350	20.000	-3.3
Tetrachloro-m-xylene	2.782	2.730	2.830	19.290	20.000	-3.6
alpha-BHC	3.285	3.230	3.340	9.220	10.000	-7.8
beta-BHC	3.915	3.860	3.970	10.540	10.000	5.4
gamma-BHC (Lindane)	3.616	3.570	3.670	8.880	10.000	-11.2
Endrin	5.648	5.580	5.720	46.450	50.000	-7.1
4,4'-DDT	6.047	5.980	6.120	104.950	100.000	5.0
Methoxychlor	6.621	6.550	6.690	232.550	250.000	-7.0

Data File: PEM
 PL091954.D Date Acquired 9/23/2024 11:05
 Operator: AR\AJ

ENDRIN BREAK DOWN

Column #1

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
Endrin	6.58	89210787.09	95624224.03	6413436.94	Down 6.71
Endrin aldehyde	6.93	2005686.368			
Endrin ketone	7.65	4407750.575			

Column #2

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
Endrin #2	5.65	121797718.1	130041289.7	8243571.59	6.34
Endrin aldehyde #2	6.12	3161374.393			
Endrin ketone #2	6.85	5082197.197			

DDT BREAK DOWN

Column #1

Name	RT	Response	Response [DDT+DDE+DDD]	Response [DDE+DDD]	% Break Down
4,4'-DDT	7.03	166145728.9	168085243.5	1939514.63	1.15
4,4'-DDE	0.00	0			
4,4'-DDD	6.72	1939514.634			

Column #2

Name	RT	Response	Response [DDT+DDE+DDD]	Response [DDE+DDD]	% Break Down
4,4'-DDT #2	6.05	242762784.1	244890662.1	2127877.96	0.87
4,4'-DDE #2	0.00	0			
4,4'-DDD #2	5.80	2127877.965			

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
 Data File : PL091954.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2024 11:05
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/24/2024
 Supervised By : Ankita Jodhani 09/24/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 14:04:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 14:03:20 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...	3.544	2.782	44655553	48372105	20.073	19.287
28) SA Decachlor...	9.061	7.923	32491916	48400108	19.834	19.345
Target Compounds						
2) A alpha-BHC	3.999	3.285	31525485	33598423	10.181	9.222
3) MA gamma-BHC...	4.332	3.616	31299814	31345350	10.101	8.877
6) B beta-BHC	4.529	3.915	14260072	15849227	10.751	10.544
14) MA Endrin	6.579	5.648	89210787	121.8E6	43.292	46.449
16) A 4,4'-DDD	6.715	5.798	1939515	2127878	1.080	0.996
17) MA 4,4'-DDT	7.028	6.047	166.1E6	242.8E6	90.238	104.948
18) B Endrin al...	6.928	6.122	2005686	3161374	1.151	1.549 #
20) A Methoxychlor	7.504	6.621	208.5E6	290.8E6	212.393	232.546
21) B Endrin ke...	7.647	6.848	4407751	5082197	2.006	1.835m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091954.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 11:05
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

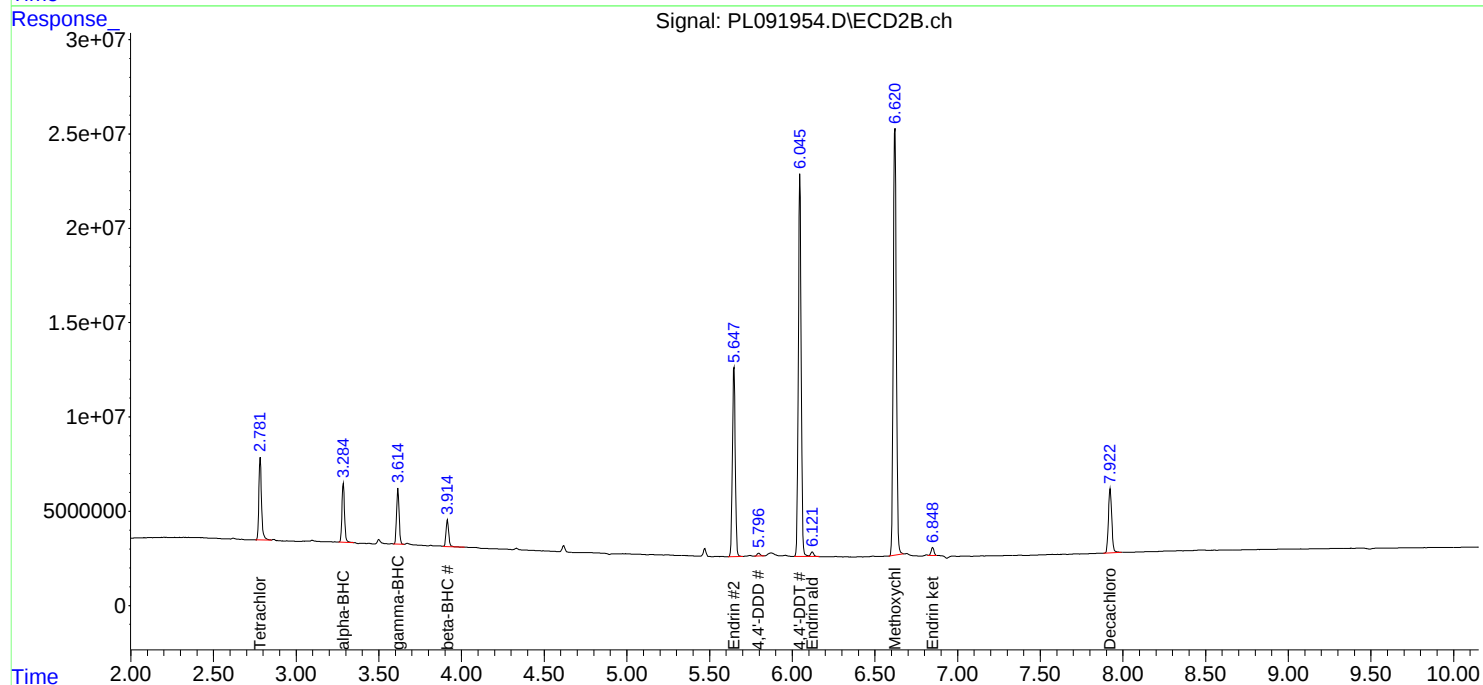
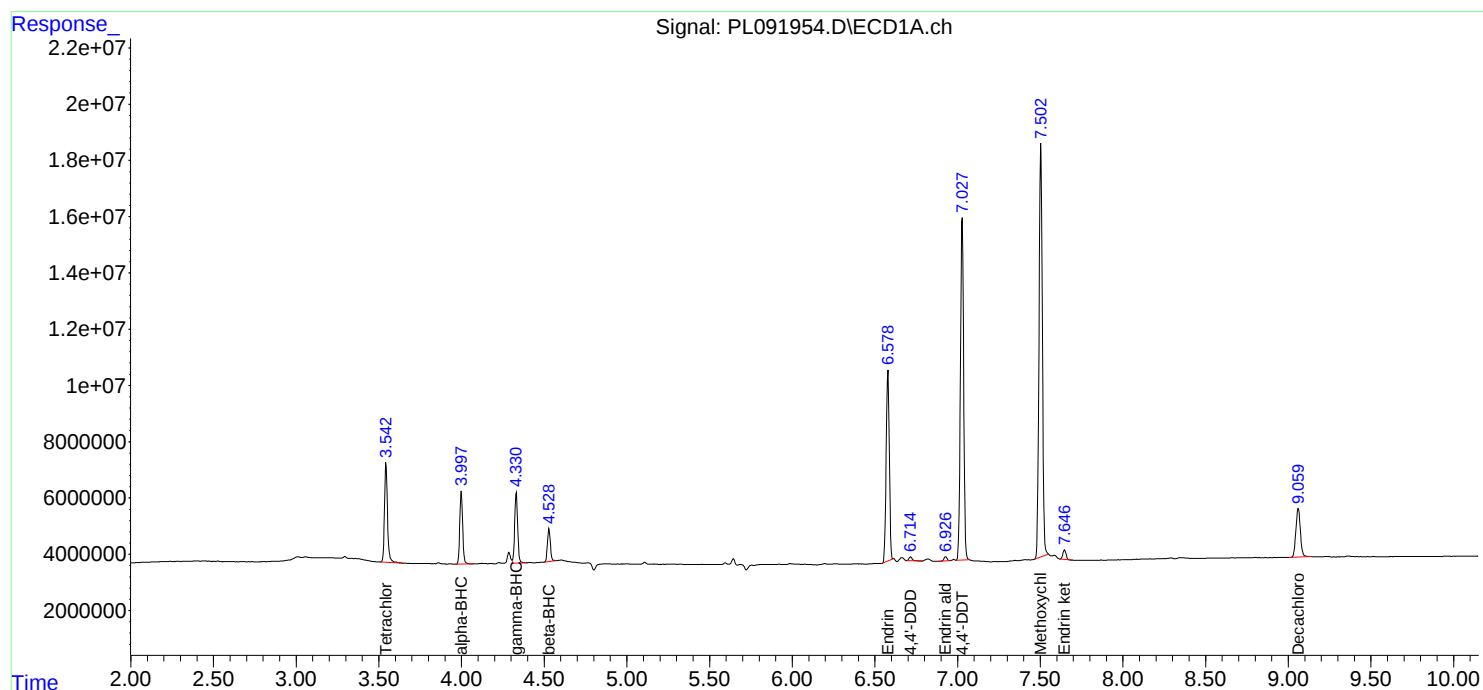
Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 09/24/2024
Supervised By : Ankita Jodhani 09/24/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 14:04:34 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 14:03:20 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



PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: SCHE03

Lab Code: CHEM Case No.: P4385 SAS No.: P4385 SDG NO.: P4385

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 09/23/2024 09/23/2024

Client Sample No. (PEM): PEM - PL092320.D Date Analyzed: 10/11/2024

Lab Sample No.(PEM): PEM Time Analyzed: 08:56

PEM COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
Decachlorobiphenyl	9.059	8.960	9.160	22.700	20.000	13.5
Tetrachloro-m-xylene	3.540	3.490	3.590	22.460	20.000	12.3
alpha-BHC	3.995	3.940	4.050	11.450	10.000	14.5
beta-BHC	4.525	4.470	4.580	11.980	10.000	19.8
gamma-BHC (Lindane)	4.328	4.280	4.380	10.840	10.000	8.4
Endrin	6.575	6.500	6.650	45.920	50.000	-8.2
4,4'-DDT	7.025	6.950	7.100	96.120	100.000	-3.9
Methoxychlor	7.503	7.430	7.570	231.460	250.000	-7.4

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 09/23/2024 09/23/2024

Client Sample No. (PEM): PEM - PL092320.D Date Analyzed: 10/11/2024

Lab Sample No.(PEM): PEM Time Analyzed: 08:56

PEM COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
Decachlorobiphenyl	7.919	7.820	8.020	20.990	20.000	5.0
Tetrachloro-m-xylene	2.778	2.730	2.830	21.410	20.000	7.1
alpha-BHC	3.281	3.230	3.330	10.130	10.000	1.3
beta-BHC	3.911	3.860	3.960	11.680	10.000	16.8
gamma-BHC (Lindane)	3.611	3.560	3.660	9.770	10.000	-2.3
Endrin	5.643	5.570	5.710	48.200	50.000	-3.6
4,4'-DDT	6.042	5.970	6.110	108.430	100.000	8.4
Methoxychlor	6.617	6.550	6.690	243.010	250.000	-2.8

PEM

Data File Name PL092320.D

Operator AR\AJ

Date Acquired #####

DDT BREAKDOWN**COLUMN#1**

Name	RT	Response	Response (DDT+DDE+DDD)	Response DDE+DDD	%Break Down
4,4'-DDT	8.4	176976166.4	184453243.3	7477076.886	4.05
4,4'-DDE	7.56	302574.704			
4,4'-DDD	8.14	7174502.182			

COLUMN#2

Name	RT	Response	Response (DDT+DDE+DDD)	Response DDE+DDD	%Break Down
4,4'-DDT #2	9.35	250818653.9	258535232.8	7716578.836	2.98
4,4'-DDE #2	8.49	375177.553			
4,4'-DDD #2	9.03	7341401.283			

ENDRIN BREAKDOWN**COLUMN#1**

Name	RT	Response	Response (E+EA+EK)	Response (EA+EK)	%Break Down
Endrin	6.58	94634809.81	106070338.9	11435529.13	10.78
Endrin aldehyde	6.93	3557821.543			
Endrin ketone	7.65	7877707.584			

COLUMN#2

Name	RT	Response	Response (E+EA+EK)	Response (EA+EK)	%Break Down
Endrin #2	5.64	126379324.6	140549994.7	14170670.12	10.08
Endrin aldehyde #2	6.12	4179167.219			
Endrin ketone #2	6.85	9991502.902			

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101224\
 Data File : PL092320.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Oct 2024 08:56
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/14/2024
 Supervised By : Ankita Jodhani 10/14/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 14 01:28:28 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 16:44:57 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	49975897	53692637	22.465	21.408
28)	SA Decachlor...	9.059	7.919	37185860	52506049	22.699	20.986
Target Compounds							
2)	A alpha-BHC	3.995	3.281	35456948	36890249	11.451	10.125
3)	MA gamma-BHC...	4.328	3.611	33605792	34483726	10.845	9.766
6)	B beta-BHC	4.525	3.911	15887784	17560433	11.978	11.683
12)	B 4,4'-DDE	6.188	5.237	302575	375178	0.140m	0.135
14)	MA Endrin	6.575	5.643	94634810	126.4E6	45.924m	48.196
16)	A 4,4'-DDD	6.710	5.791	7174502	7341401	3.995m	3.437
17)	MA 4,4'-DDT	7.025	6.042	177.0E6	250.8E6	96.120m	108.431
18)	B Endrin al...	6.926	6.117	3557822	4179167	2.041	2.048
20)	A Methoxychlor	7.503	6.617	227.2E6	303.8E6	231.465	243.012
21)	B Endrin ke...	7.646	6.845	7877708	9991503	3.585	3.608

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101224\
Data File : PL092320.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Oct 2024 08:56
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

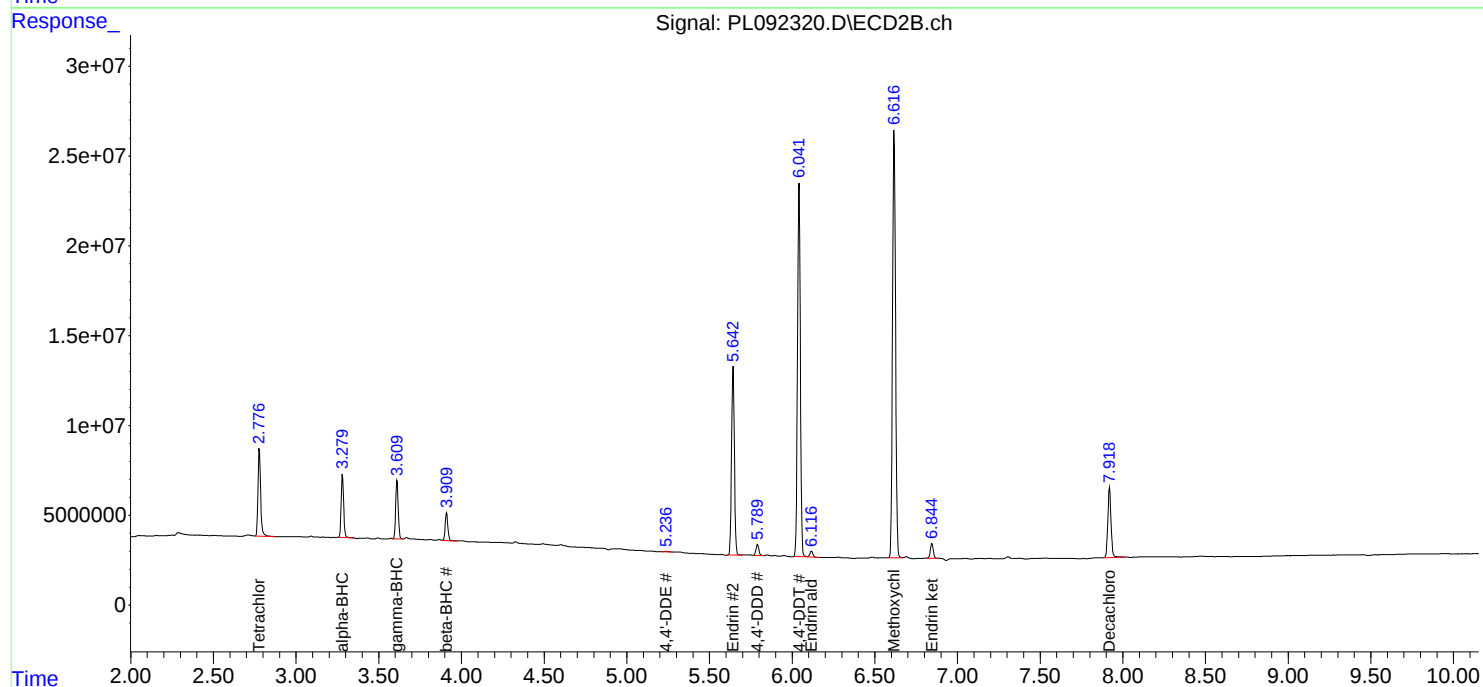
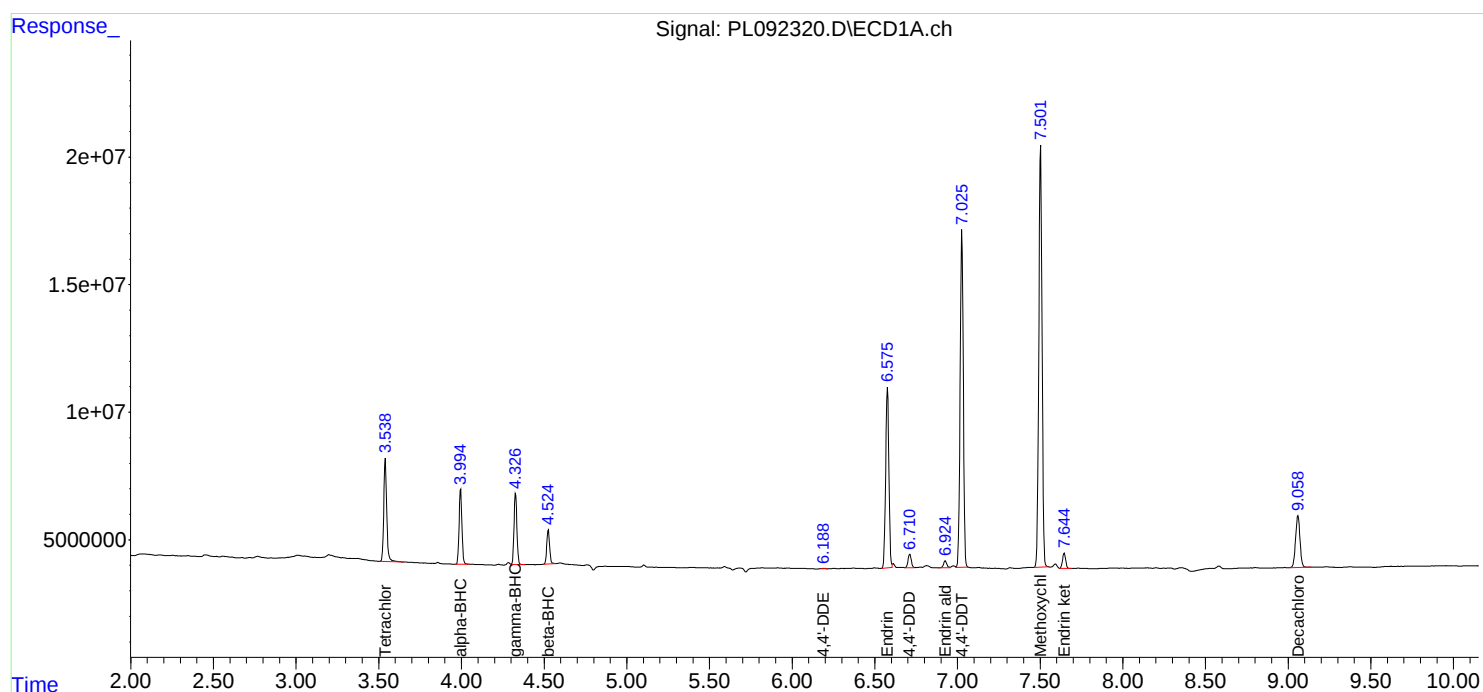
Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 10/14/2024
Supervised By : Ankita Jodhani 10/14/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 01:28:28 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 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\PL092324\
Data File : PL091955.D
Acq On : 23 Sep 2024 11:19
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\PL092324.M
Title : GC Extractables
Last Update : Mon Sep 23 14:03:20 2024
Integrator: ChemStation

RT#1	RT#2	Resolution
3.544	5.944	100.00%
5.944	6.074	100.00%
6.074	6.196	100.00%
6.196	6.349	100.00%
6.349	7.162	100.00%
7.162	7.503	100.00%
7.503	7.647	100.00%
7.647	9.060	100.00%

Signal #2

2.782	4.988	100.00%
4.988	5.108	100.00%
5.108	5.241	100.00%
5.241	5.372	100.00%
5.372	6.344	100.00%
6.344	6.621	100.00%
6.621	6.850	100.00%
6.850	7.923	100.00%

PL092324.M Mon Sep 23 14:11:43 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
 Data File : PL091955.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2024 11:19
 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: Sep 23 14:09:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 14:03:20 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...	3.544	2.782	45060464	48406382	20.255	19.300
28) SA Decachlor...	9.060	7.923	33098954	49691998	20.204	19.861
Target Compounds						
9) A Endosulfan I	6.074	5.108	24134272	25750637	10.432	9.382
10) B gamma-Chl...	5.944	4.988	26576974	30002831	10.755	9.972
12) B 4,4'-DDE	6.196	5.241	43461118	52985590	20.080	19.067
13) MA Dieldrin	6.349	5.372	48004708	54324325	19.683	18.529
19) B Endosulfa...	7.162	6.344	37460879	49592805	18.898	20.556
20) A Methoxychlor	7.503	6.621	89545919	118.8E6	91.214	95.016
21) B Endrin ke...	7.647	6.850	43132114	52293680	19.627	18.886

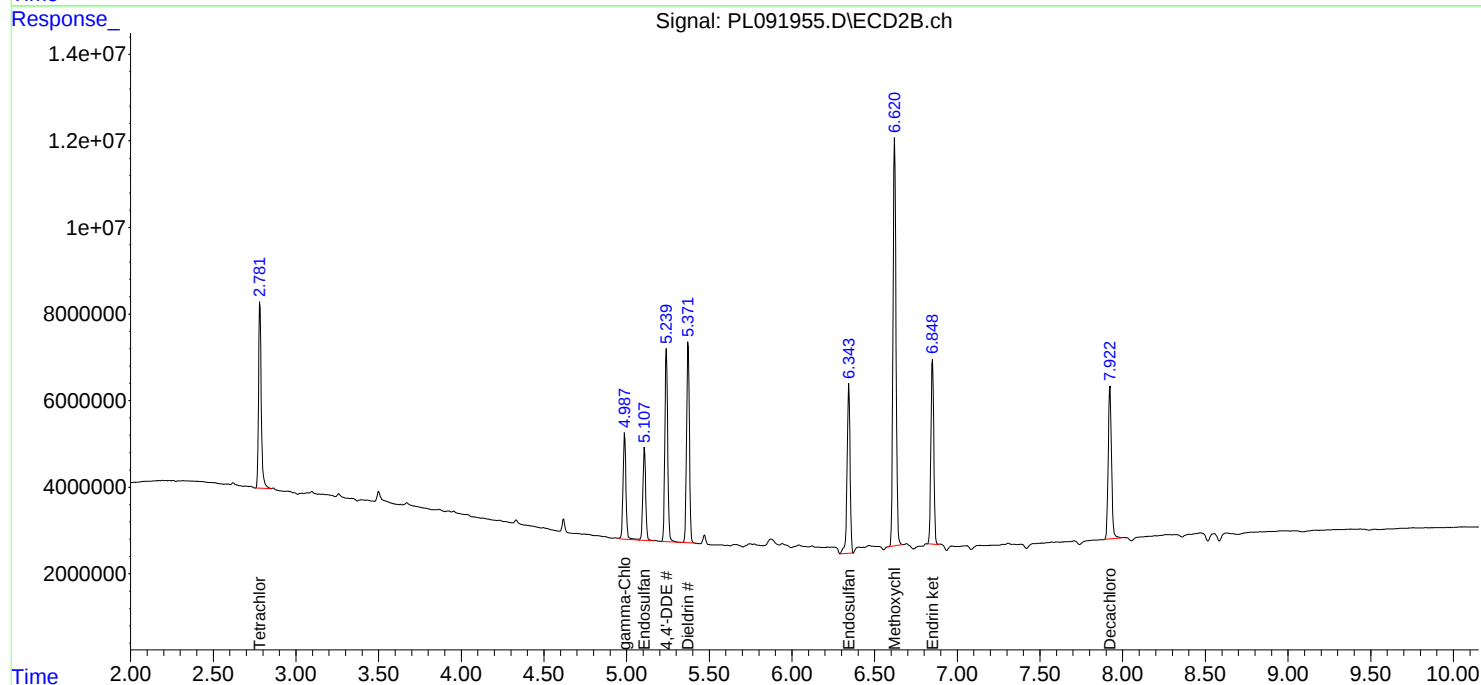
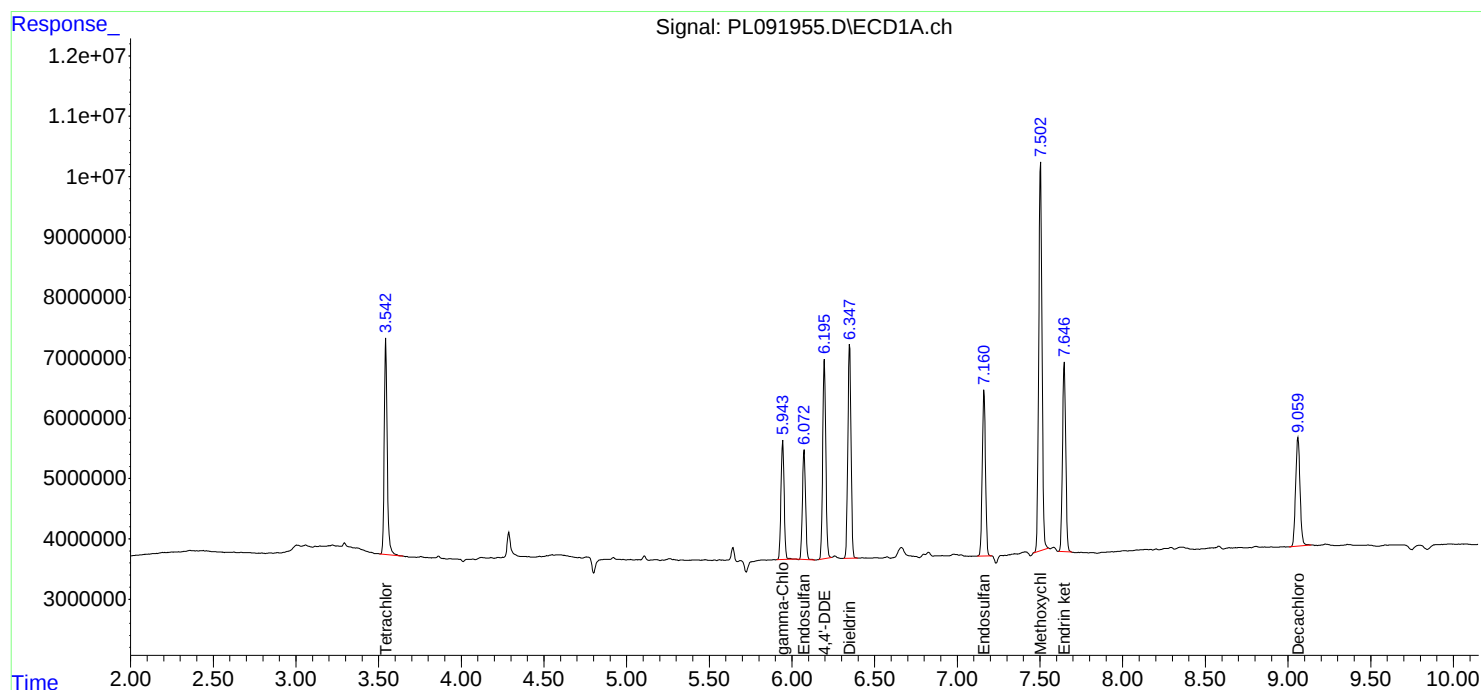
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091955.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 11:19
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: Sep 23 14:09:54 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 14:03:20 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



Analytical Sequence

Client: Scheideler Excavating Co. Inc.

SDG No.: P4385

Project: Robbinsville

Instrument ID: ECD_L

GC Column: ZB-MR2

ID: 0.32 (mm)

Inst. Calib. Date(s): 09/23/2024

09/23/2024

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	09/23/2024	10:52	PL091953.D	9.06	3.54
PEM	PEM	09/23/2024	11:05	PL091954.D	9.06	3.54
RESCHK	RESCHK	09/23/2024	11:19	PL091955.D	9.06	3.54
PSTDICCC100	PSTDICCC100	09/23/2024	11:32	PL091956.D	9.06	3.54
PSTDICCC075	PSTDICCC075	09/23/2024	11:45	PL091957.D	9.06	3.54
PSTDICCC050	PSTDICCC050	09/23/2024	11:59	PL091958.D	9.06	3.54
PSTDICCC025	PSTDICCC025	09/23/2024	12:12	PL091959.D	9.06	3.54
PSTDICCC005	PSTDICCC005	09/23/2024	12:26	PL091960.D	9.06	3.54
PCHLORICC500	PCHLORICC500	09/23/2024	13:06	PL091963.D	9.06	3.54
PTOXICC500	PTOXICC500	09/23/2024	14:13	PL091968.D	9.06	3.54
PEM	PEM	10/11/2024	08:56	PL092320.D	9.06	3.54
IBLK	IBLK	10/11/2024	11:40	PL092329.D	9.06	3.54
PSTDCCC050	PSTDCCC050	10/11/2024	11:54	PL092330.D	9.06	3.54
PB164067BL	PB164067BL	10/11/2024	13:24	PL092331.D	9.07	3.55
PB164067BS	PB164067BS	10/11/2024	13:37	PL092332.D	9.06	3.54
SP-1	P4385-02	10/11/2024	14:04	PL092334.D	9.06	3.54
SP-2	P4385-04	10/11/2024	14:17	PL092335.D	9.06	3.54
SP-2MS	P4385-04MS	10/11/2024	14:31	PL092336.D	9.06	3.54
SP-2MSD	P4385-04MSD	10/11/2024	14:44	PL092337.D	9.06	3.54
SP-4	P4385-08	10/11/2024	14:58	PL092338.D	9.06	3.54
SP-5	P4385-10	10/11/2024	15:11	PL092339.D	9.06	3.54
SP-7	P4385-14	10/11/2024	15:25	PL092340.D	9.06	3.54
SP-8	P4385-16	10/11/2024	15:38	PL092341.D	9.06	3.54
SP-10	P4385-20	10/11/2024	15:52	PL092342.D	9.06	3.54
SP-3	P4385-06	10/11/2024	16:32	PL092343.D	9.06	3.54
SP-9	P4385-18	10/11/2024	16:59	PL092344.D	9.06	3.54
SP-6	P4385-12	10/11/2024	17:18	PL092345.D	9.06	3.55
IBLK	IBLK	10/11/2024	17:31	PL092346.D	9.06	3.54
PSTDCCC050	PSTDCCC050	10/11/2024	17:48	PL092347.D	9.06	3.54

Analytical Sequence

Client: Scheideler Excavating Co. Inc.

SDG No.: P4385

Project: Robbinsville

Instrument ID: ECD_L

GC Column: ZB-MR1

ID: 0.32 (mm)

Inst. Calib. Date(s): 09/23/2024

09/23/2024

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	09/23/2024	10:52	PL091953.D	7.92	2.78
PEM	PEM	09/23/2024	11:05	PL091954.D	7.92	2.78
RESCHK	RESCHK	09/23/2024	11:19	PL091955.D	7.92	2.78
PSTDICC100	PSTDICC100	09/23/2024	11:32	PL091956.D	7.92	2.78
PSTDICC075	PSTDICC075	09/23/2024	11:45	PL091957.D	7.92	2.78
PSTDICC050	PSTDICC050	09/23/2024	11:59	PL091958.D	7.92	2.78
PSTDICC025	PSTDICC025	09/23/2024	12:12	PL091959.D	7.92	2.78
PSTDICC005	PSTDICC005	09/23/2024	12:26	PL091960.D	7.92	2.78
PCHLORICC500	PCHLORICC500	09/23/2024	13:06	PL091963.D	7.92	2.78
PTOXICC500	PTOXICC500	09/23/2024	14:13	PL091968.D	7.92	2.78
PEM	PEM	10/11/2024	08:56	PL092320.D	7.92	2.78
IBLK	IBLK	10/11/2024	11:40	PL092329.D	7.92	2.78
PSTDCCC050	PSTDCCC050	10/11/2024	11:54	PL092330.D	7.92	2.78
PB164067BL	PB164067BL	10/11/2024	13:24	PL092331.D	7.92	2.78
PB164067BS	PB164067BS	10/11/2024	13:37	PL092332.D	7.92	2.78
SP-1	P4385-02	10/11/2024	14:04	PL092334.D	7.92	2.78
SP-2	P4385-04	10/11/2024	14:17	PL092335.D	7.92	2.78
SP-2MS	P4385-04MS	10/11/2024	14:31	PL092336.D	7.92	2.78
SP-2MSD	P4385-04MSD	10/11/2024	14:44	PL092337.D	7.92	2.78
SP-4	P4385-08	10/11/2024	14:58	PL092338.D	7.92	2.78
SP-5	P4385-10	10/11/2024	15:11	PL092339.D	7.92	2.78
SP-7	P4385-14	10/11/2024	15:25	PL092340.D	7.92	2.78
SP-8	P4385-16	10/11/2024	15:38	PL092341.D	7.92	2.78
SP-10	P4385-20	10/11/2024	15:52	PL092342.D	7.92	2.78
SP-3	P4385-06	10/11/2024	16:32	PL092343.D	7.92	2.78
SP-9	P4385-18	10/11/2024	16:59	PL092344.D	7.92	2.78
SP-6	P4385-12	10/11/2024	17:18	PL092345.D	7.92	2.78
IBLK	IBLK	10/11/2024	17:31	PL092346.D	7.92	2.78
PSTDCCC050	PSTDCCC050	10/11/2024	17:48	PL092347.D	7.92	2.78

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB164067BS

Contract: SCHE03

Lab Code: CHEM

Case No.: P4385

SAS No.: P4385

SDG NO.: P4385

Lab Sample ID: PB164067BS

Date(s) Analyzed: 10/11/2024

10/11/2024

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	6.80	6.75	6.85	15.7	10.8
	2	5.94	5.89	5.99	17.5	
4,4'-DDD	1	6.71	6.66	6.76	17.3	8.8
	2	5.79	5.74	5.84	18.9	
4,4'-DDT	1	7.03	6.98	7.08	16.2	0
	2	6.04	5.99	6.09	16.2	
Endrin aldehyde	1	6.93	6.88	6.98	15.8	4.9
	2	6.12	6.07	6.17	16.6	
Endosulfan sulfate	1	7.16	7.11	7.21	16.3	4.8
	2	6.34	6.29	6.39	17.1	
Methoxychlor	1	7.50	7.45	7.55	16.3	1.9
	2	6.62	6.57	6.67	16.0	
Endrin ketone	1	7.65	7.60	7.70	16.6	4.7
	2	6.85	6.80	6.90	17.4	
alpha-BHC	1	4.00	3.95	4.05	16.2	3.6
	2	3.28	3.23	3.33	16.8	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	15.4	5.1
	2	3.61	3.56	3.66	16.2	
Heptachlor	1	4.92	4.87	4.97	16.3	2.4
	2	3.95	3.90	4.00	16.7	
Aldrin	1	5.26	5.21	5.31	15.6	3.8
	2	4.23	4.18	4.28	16.2	
beta-BHC	1	4.53	4.48	4.58	16.3	3
	2	3.91	3.86	3.96	16.8	
delta-BHC	1	4.77	4.72	4.82	15.9	3.1
	2	4.14	4.09	4.19	16.4	
Heptachlor epoxide	1	5.69	5.64	5.74	16.0	7.8
	2	4.73	4.68	4.78	17.3	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB164067BS

Contract: SCHE03

Lab Code: CHEM

Case No.: P4385

SAS No.: P4385

SDG NO.: P4385

Lab Sample ID: PB164067BS

Date(s) Analyzed: 10/11/2024

10/11/2024

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	16.1	6.6
	2	5.10	5.05	5.15	17.2	
gamma-Chlordane	1	5.94	5.89	5.99	16.3	6.5
	2	4.98	4.93	5.03	17.4	
alpha-Chlordane	1	6.02	5.97	6.07	16.4	4.8
	2	5.05	5.00	5.10	17.2	
4,4'-DDE	1	6.20	6.15	6.25	16.5	6.5
	2	5.24	5.19	5.29	17.6	
Dieldrin	1	6.35	6.30	6.40	16.1	7.2
	2	5.37	5.32	5.42	17.3	
Endrin	1	6.58	6.53	6.63	15.5	5
	2	5.64	5.59	5.69	16.3	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SP-1

Contract: SCHE03

Lab Code: CHEM

Case No.: P4385

SAS No.: P4385

SDG NO.: P4385

Lab Sample ID: P4385-02

Date(s) Analyzed: 10/11/2024

10/11/2024

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	1.80	0
	2	5.79	5.74	5.84	1.80	
4,4'-DDT	1	7.03	6.98	7.08	10.7	0.9
	2	6.04	5.99	6.09	10.6	
4,4'-DDE	1	6.19	6.14	6.24	12.4	4
	2	5.24	5.19	5.29	12.9	
Dieldrin	1	6.35	6.30	6.40	0.48	19.7
	2	5.37	5.32	5.42	0.39	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SP-10

Contract: SCHE03

Lab Code: CHEM

Case No.: P4385

SAS No.: P4385

SDG NO.: P4385

Lab Sample ID: P4385-20

Date(s) Analyzed: 10/11/2024

10/11/2024

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	0.98	13.9
	2	5.79	5.74	5.84	0.85	
4,4'-DDT	1	7.03	6.98	7.08	6.00	10.5
	2	6.04	5.99	6.09	5.40	
gamma-Chlordane	1	5.94	5.89	5.99	0.38	40.4
	2	4.98	4.93	5.03	0.25	
alpha-Chlordane	1	6.02	5.97	6.07	0.72	74.8
	2	5.04	4.99	5.09	0.33	
4,4'-DDE	1	6.19	6.14	6.24	9.80	5.9
	2	5.23	5.18	5.28	10.4	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SP-2

Contract: SCHE03

Lab Code: CHEM

Case No.: P4385

SAS No.: P4385

SDG NO.: P4385

Lab Sample ID: P4385-04

Date(s) Analyzed: 10/11/2024

10/11/2024

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	4.00	7.8
	2	5.79	5.74	5.84	3.70	
4,4'-DDT	1	7.03	6.98	7.08	24.4	6.3
	2	6.04	5.99	6.09	26.0	
4,4'-DDE	1	6.19	6.14	6.24	27.3	11.4
	2	5.24	5.19	5.29	30.6	
Dieldrin	1	6.34	6.29	6.39	0.94	3
	2	5.37	5.32	5.42	0.91	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SP-2MS

Contract: SCHE03

Lab Code: CHEM

Case No.: P4385

SAS No.: P4385

SDG NO.: P4385

Lab Sample ID: P4385-04MS

Date(s) Analyzed: 10/11/2024

10/11/2024

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	6.80	6.75	6.85	15.1	5.8
	2	5.94	5.89	5.99	16.0	
4,4'-DDD	1	6.71	6.66	6.76	19.2	5.3
	2	5.79	5.74	5.84	18.2	
4,4'-DDT	1	7.03	6.98	7.08	37.0	7.5
	2	6.04	5.99	6.09	39.9	
Endrin aldehyde	1	6.93	6.88	6.98	14.8	9.6
	2	6.12	6.07	6.17	16.3	
Endosulfan sulfate	1	7.16	7.11	7.21	15.6	3.2
	2	6.34	6.29	6.39	16.1	
Methoxychlor	1	7.50	7.45	7.55	15.5	5
	2	6.62	6.57	6.67	16.3	
Endrin ketone	1	7.65	7.60	7.70	21.2	29.8
	2	6.85	6.80	6.90	15.7	
alpha-BHC	1	4.00	3.95	4.05	15.2	2.6
	2	3.28	3.23	3.33	15.6	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	14.6	4
	2	3.61	3.56	3.66	15.2	
Heptachlor	1	4.92	4.87	4.97	16.0	0
	2	3.95	3.90	4.00	16.0	
Aldrin	1	5.26	5.21	5.31	14.5	5.4
	2	4.23	4.18	4.28	15.3	
beta-BHC	1	4.53	4.48	4.58	15.6	2.5
	2	3.91	3.86	3.96	16.0	
delta-BHC	1	4.77	4.72	4.82	14.6	0.7
	2	4.14	4.09	4.19	14.7	
Heptachlor epoxide	1	5.69	5.64	5.74	15.5	0
	2	4.73	4.68	4.78	15.5	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SP-2MS

Contract: SCHE03

Lab Code: CHEM

Case No.: P4385

SAS No.: P4385

SDG NO.: P4385

Lab Sample ID: P4385-04MS

Date(s) Analyzed: 10/11/2024

10/11/2024

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	15.6	0.6
	2	5.10	5.05	5.15	15.5	
gamma-Chlordane	1	5.94	5.89	5.99	16.4	1.8
	2	4.98	4.93	5.03	16.1	
alpha-Chlordane	1	6.02	5.97	6.07	15.9	0
	2	5.05	5.00	5.10	15.9	
4,4'-DDE	1	6.19	6.14	6.24	38.6	10.8
	2	5.24	5.19	5.29	43.0	
Dieldrin	1	6.35	6.30	6.40	15.7	6.2
	2	5.37	5.32	5.42	16.7	
Endrin	1	6.58	6.53	6.63	15.2	10.6
	2	5.64	5.59	5.69	16.9	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SP-2MSD

Contract: SCHE03

Lab Code: CHEM

Case No.: P4385

SAS No.: P4385

SDG NO.: P4385

Lab Sample ID: P4385-04MSD

Date(s) Analyzed: 10/11/2024

10/11/2024

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	18.9	3.2
	2	5.79	5.74	5.84	18.3	
4,4'-DDT	1	7.03	6.98	7.08	36.4	8.7
	2	6.04	5.99	6.09	39.7	
Endrin aldehyde	1	6.93	6.88	6.98	14.6	10.4
	2	6.12	6.07	6.17	16.2	
Endosulfan sulfate	1	7.16	7.11	7.21	15.4	4.4
	2	6.34	6.29	6.39	16.1	
Methoxychlor	1	7.50	7.45	7.55	15.6	3.8
	2	6.62	6.57	6.67	16.2	
Endrin ketone	1	7.64	7.59	7.69	22.6	36
	2	6.85	6.80	6.90	15.7	
alpha-BHC	1	4.00	3.95	4.05	14.9	3.9
	2	3.28	3.23	3.33	15.5	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	14.5	4.1
	2	3.61	3.56	3.66	15.1	
Heptachlor	1	4.92	4.87	4.97	15.7	1.3
	2	3.95	3.90	4.00	15.9	
Aldrin	1	5.26	5.21	5.31	14.4	5.4
	2	4.23	4.18	4.28	15.2	
beta-BHC	1	4.53	4.48	4.58	15.4	2.6
	2	3.91	3.86	3.96	15.8	
delta-BHC	1	4.77	4.72	4.82	14.4	1.4
	2	4.14	4.09	4.19	14.6	
Heptachlor epoxide	1	5.69	5.64	5.74	15.2	2
	2	4.73	4.68	4.78	15.5	
Endosulfan I	1	6.07	6.02	6.12	15.4	0.6
	2	5.10	5.05	5.15	15.5	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SP-2MSD

Contract: SCHE03

Lab Code: CHEM

Case No.: P4385

SAS No.: P4385

SDG NO.: P4385

Lab Sample ID: P4385-04MSD

Date(s) Analyzed: 10/11/2024

10/11/2024

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		
gamma-Chlordane	1	5.94	5.89	5.99	16.2	0.6
	2	4.98	4.93	5.03	16.1	
alpha-Chlordane	1	6.02	5.97	6.07	15.8	0.6
	2	5.05	5.00	5.10	15.9	
4,4'-DDE	1	6.19	6.14	6.24	38.4	12
	2	5.24	5.19	5.29	43.3	
Dieldrin	1	6.35	6.30	6.40	15.7	5.6
	2	5.37	5.32	5.42	16.6	
Endrin	1	6.57	6.52	6.62	15.0	11.3
	2	5.64	5.59	5.69	16.8	
Endosulfan II	1	6.80	6.75	6.85	15.0	6.5
	2	5.94	5.89	5.99	16.0	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SP-3

Contract: SCHE03

Lab Code: CHEM

Case No.: P4385

SAS No.: P4385

SDG NO.: P4385

Lab Sample ID: P4385-06

Date(s) Analyzed: 10/11/2024

10/11/2024

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	4.30	4.8
	2	5.79	5.74	5.84	4.10	
4,4'-DDT	1	7.03	6.98	7.08	19.0	3.6
	2	6.04	5.99	6.09	19.7	
4,4'-DDE	1	6.19	6.14	6.24	20.9	9.6
	2	5.24	5.19	5.29	23.0	
Dieldrin	1	6.34	6.29	6.39	0.80	4.5
	2	5.37	5.32	5.42	0.76	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SP-4

Contract: SCHE03

Lab Code: CHEM

Case No.: P4385

SAS No.: P4385

SDG NO.: P4385

Lab Sample ID: P4385-08

Date(s) Analyzed: 10/11/2024

10/11/2024

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	0.95	29.3
	2	5.79	5.74	5.84	0.71	
4,4'-DDT	1	7.03	6.98	7.08	6.70	6.2
	2	6.04	5.99	6.09	6.30	
4,4'-DDE	1	6.19	6.14	6.24	5.60	0
	2	5.24	5.19	5.29	5.60	
Dieldrin	1	6.35	6.30	6.40	0.26	26.1
	2	5.37	5.32	5.42	0.20	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SP-5

Contract: SCHE03

Lab Code: CHEM

Case No.: P4385

SAS No.: P4385

SDG NO.: P4385

Lab Sample ID: P4385-10

Date(s) Analyzed: 10/11/2024

10/11/2024

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	0.73	24.2
	2	5.79	5.74	5.84	0.57	
4,4'-DDT	1	7.03	6.98	7.08	5.40	7.7
	2	6.04	5.99	6.09	5.00	
4,4'-DDE	1	6.19	6.14	6.24	8.10	1.2
	2	5.24	5.19	5.29	8.20	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SP-6

Contract: SCHE03

Lab Code: CHEM

Case No.: P4385

SAS No.: P4385

SDG NO.: P4385

Lab Sample ID: P4385-12

Date(s) Analyzed: 10/11/2024

10/11/2024

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	6.72	6.67	6.77	1.90	11.1
	2	5.79	5.74	5.84	1.70	
4,4'-DDT	1	7.03	6.98	7.08	12.7	1.6
	2	6.04	5.99	6.09	12.5	
4,4'-DDE	1	6.20	6.15	6.25	11.9	6.5
	2	5.24	5.19	5.29	12.7	
Dieldrin	1	6.35	6.30	6.40	0.54	6.8
	2	5.37	5.32	5.42	0.50	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SP-7

Contract: SCHE03

Lab Code: CHEM

Case No.: P4385

SAS No.: P4385

SDG NO.: P4385

Lab Sample ID: P4385-14

Date(s) Analyzed: 10/11/2024 10/11/2024

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	8.7
	2	5.79	5.74	5.84	1.10	
4,4'-DDT	1	7.02	6.97	7.07	5.10	10.3
	2	6.04	5.99	6.09	4.60	
alpha-Chlordane	1	6.02	5.97	6.07	0.67	101.2
	2	5.04	4.99	5.09	0.22	
4,4'-DDE	1	6.19	6.14	6.24	9.60	4.1
	2	5.24	5.19	5.29	10.0	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SP-8

Contract: SCHE03

Lab Code: CHEM

Case No.: P4385

SAS No.: P4385

SDG NO.: P4385

Lab Sample ID: P4385-16

Date(s) Analyzed: 10/11/2024 10/11/2024

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	0.92	16.6
	2	5.79	5.74	5.84	0.78	
4,4'-DDT	1	7.03	6.98	7.08	5.60	11.3
	2	6.04	5.99	6.09	5.00	
alpha-Chlordane	1	6.02	5.97	6.07	0.57	90.1
	2	5.04	4.99	5.09	0.22	
4,4'-DDE	1	6.19	6.14	6.24	9.90	2
	2	5.24	5.19	5.29	10.1	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SP-9

Contract: SCHE03

Lab Code: CHEM

Case No.: P4385

SAS No.: P4385

SDG NO.: P4385

Lab Sample ID: P4385-18

Date(s) Analyzed: 10/11/2024

10/11/2024

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	5.40	29.8
	2	5.79	5.74	5.84	4.00	
4,4'-DDT	1	7.03	6.98	7.08	13.5	7.7
	2	6.04	5.99	6.09	12.5	
Heptachlor epoxide	1	5.68	5.63	5.73	0.55	36
	2	4.73	4.68	4.78	0.38	
gamma-Chlordane	1	5.94	5.89	5.99	0.87	14.5
	2	4.98	4.93	5.03	0.75	
alpha-Chlordane	1	6.02	5.97	6.07	0.98	72.6
	2	5.05	5.00	5.10	0.46	
4,4'-DDE	1	6.19	6.14	6.24	10.5	34.6
	2	5.23	5.18	5.28	14.9	
Dieldrin	1	6.34	6.29	6.39	1.00	57.3
	2	5.37	5.32	5.42	1.80	



QC SAMPLE DATA

Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	
Project:	Robbinsville	Date Received:	
Client Sample ID:	PB164067BL	SDG No.:	P4385
Lab Sample ID:	PB164067BL	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
PL092331.D	1	10/11/24 09:00	10/11/24 13:24	PB164067

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	19.6		30 (10) - 150 (148)	98%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.0		30 (10) - 150 (159)	95%	SPK: 20

Report of Analysis

Client:	Scheideler Excavating Co. Inc.		Date Collected:		
Project:	Robbinsville		Date Received:		
Client Sample ID:	PB164067BL		SDG No.:	P4385	
Lab Sample ID:	PB164067BL		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
PL092331.D	1	10/11/24 09:00	10/11/24 13:24	PB164067

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\PL101224\
 Data File : PL092331.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Oct 2024 13:24
 Operator : AR\AJ
 Sample : PB164067BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB164067BL

Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 10/14/2024
 Supervised By : Ankita Jodhani 10/14/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 14 02:30:51 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 16:44:57 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...	3.550	2.780	42240919	45283506	18.988	18.055
28) SA Decachlor...	9.068	7.923	32020266	49120496	19.546m	19.633

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101224\
Data File : PL092331.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Oct 2024 13:24
Operator : AR\AJ
Sample : PB164067BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

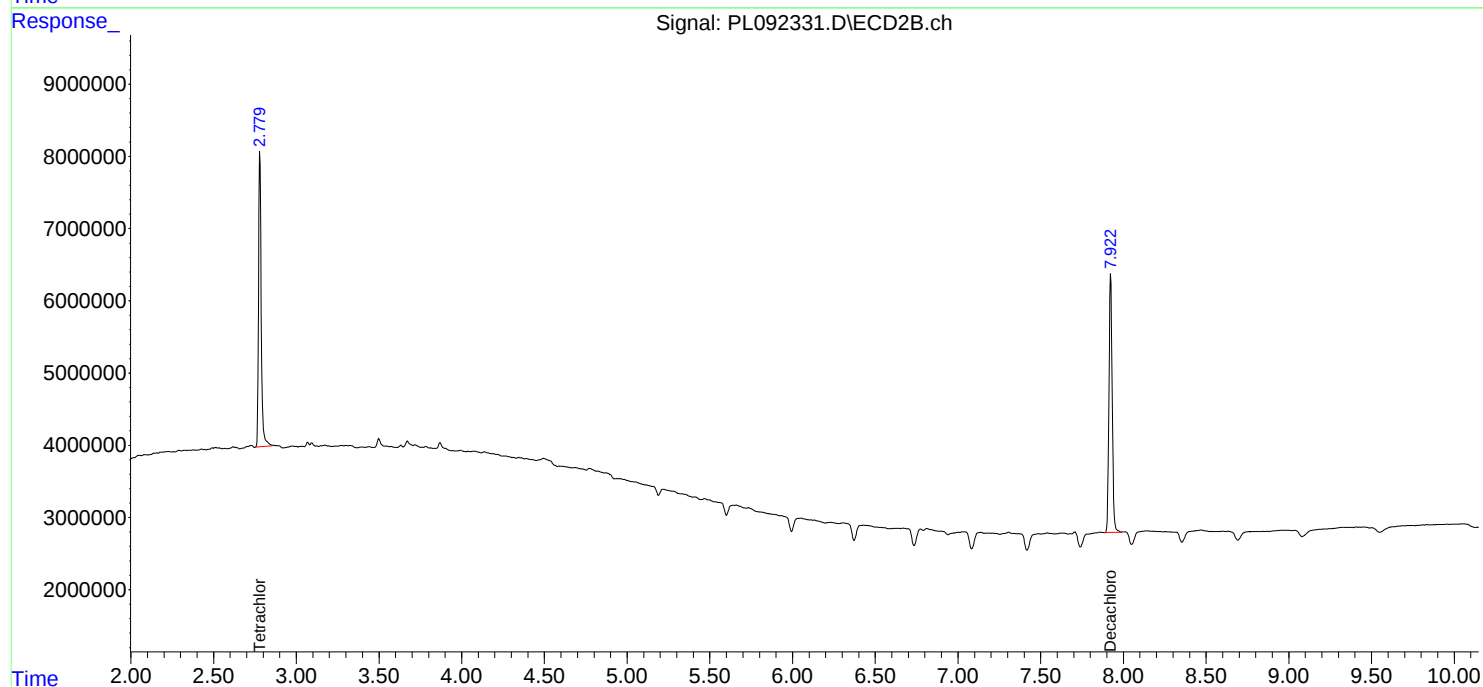
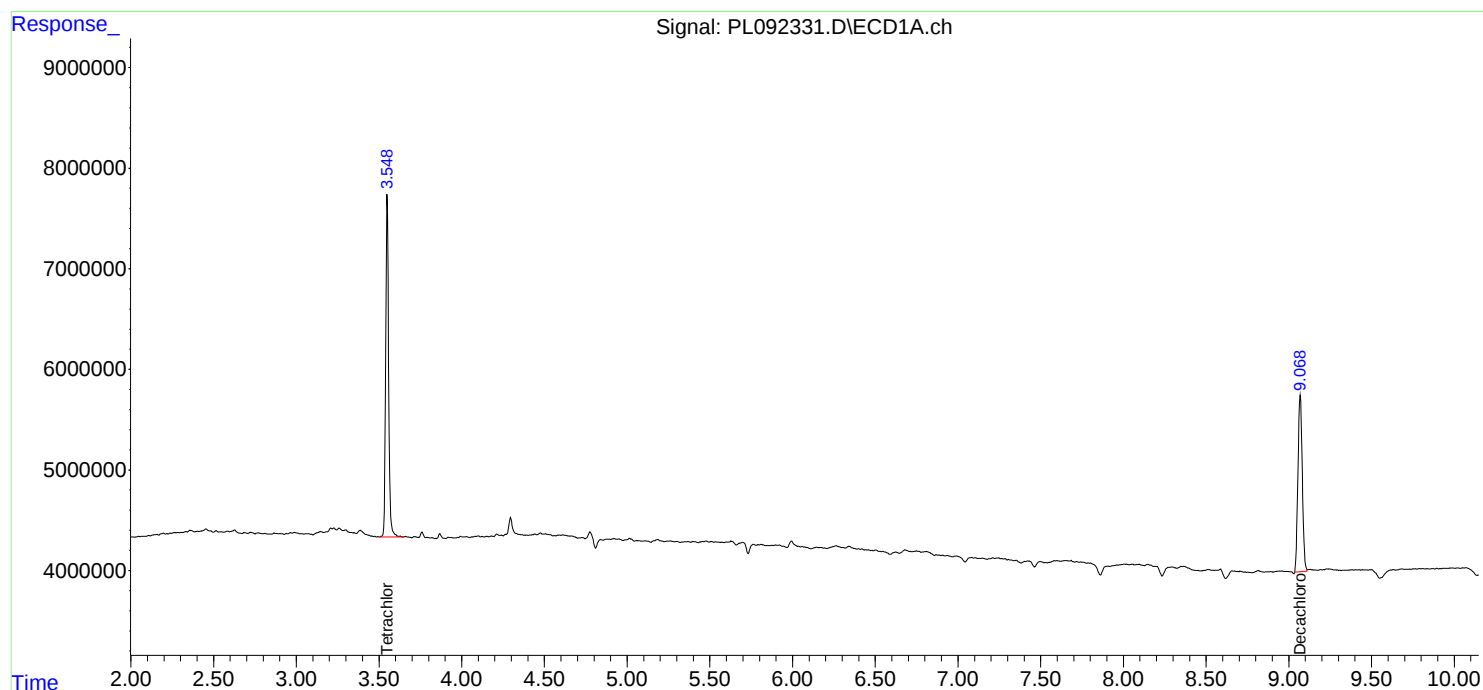
Instrument :
ECD_L
ClientSampleId :
PB164067BL

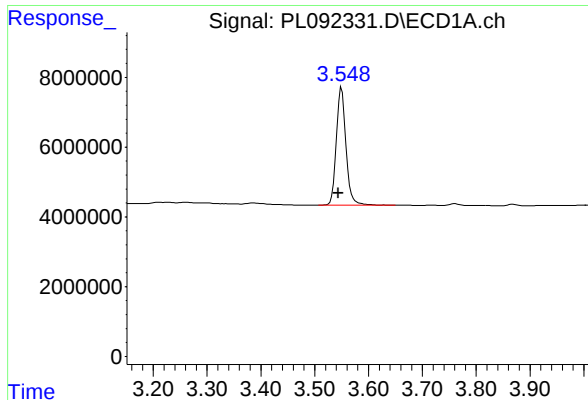
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 10/14/2024
Supervised By : Ankita Jodhani 10/14/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 02:30:51 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 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





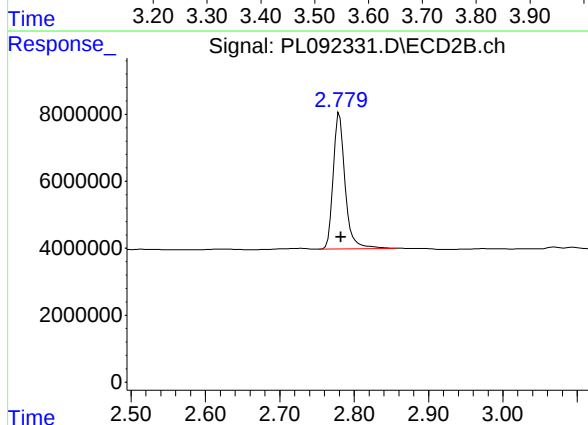
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.006 min
Response: 42240919
Conc: 18.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164067BL

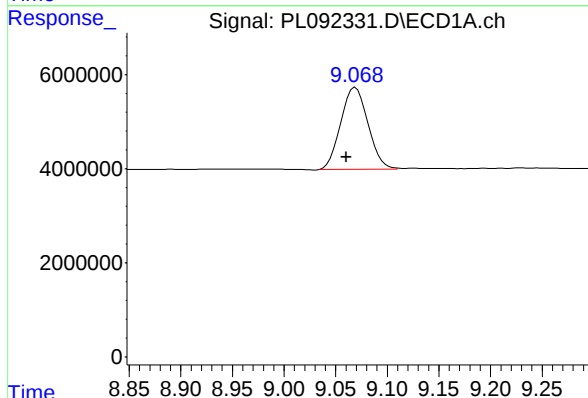
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



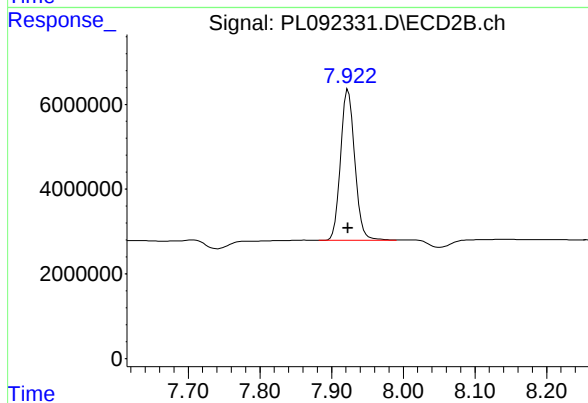
#1 Tetrachloro-m-xylene

R.T.: 2.780 min
Delta R.T.: -0.002 min
Response: 45283506
Conc: 18.06 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.068 min
Delta R.T.: 0.008 min
Response: 32020266
Conc: 19.55 ng/ml m



#28 Decachlorobiphenyl

R.T.: 7.923 min
Delta R.T.: 0.000 min
Response: 49120496
Conc: 19.63 ng/ml

Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	09/23/24
Project:	Robbinsville	Date Received:	09/23/24
Client Sample ID:	PIBLK-PL091953.D	SDG No.:	P4385
Lab Sample ID:	I.BLK-PL091953.D	Matrix:	WATER
Analytical Method:	SW8081	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL091953.D	1		09/23/24	PL092324

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	19.6		30 (43) - 150 (140)	98%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.0		30 (77) - 150 (126)	95%	SPK: 20

Report of Analysis

Client:	Scheideler Excavating Co. Inc.		Date Collected:	09/23/24	
Project:	Robbinsville		Date Received:	09/23/24	
Client Sample ID:	PIBLK-PL091953.D		SDG No.:	P4385	
Lab Sample ID:	I.BLK-PL091953.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
PL091953.D	1		09/23/24	PL092324

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\PL092324\
 Data File : PL091953.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2024 10:52
 Operator : AR\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 14:04:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 14:03:20 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...	3.544	2.782	42236372	45921989	18.986	18.310
28) SA Decachlor...	9.060	7.923	32124664	46897103	19.609	18.744

Target Compounds

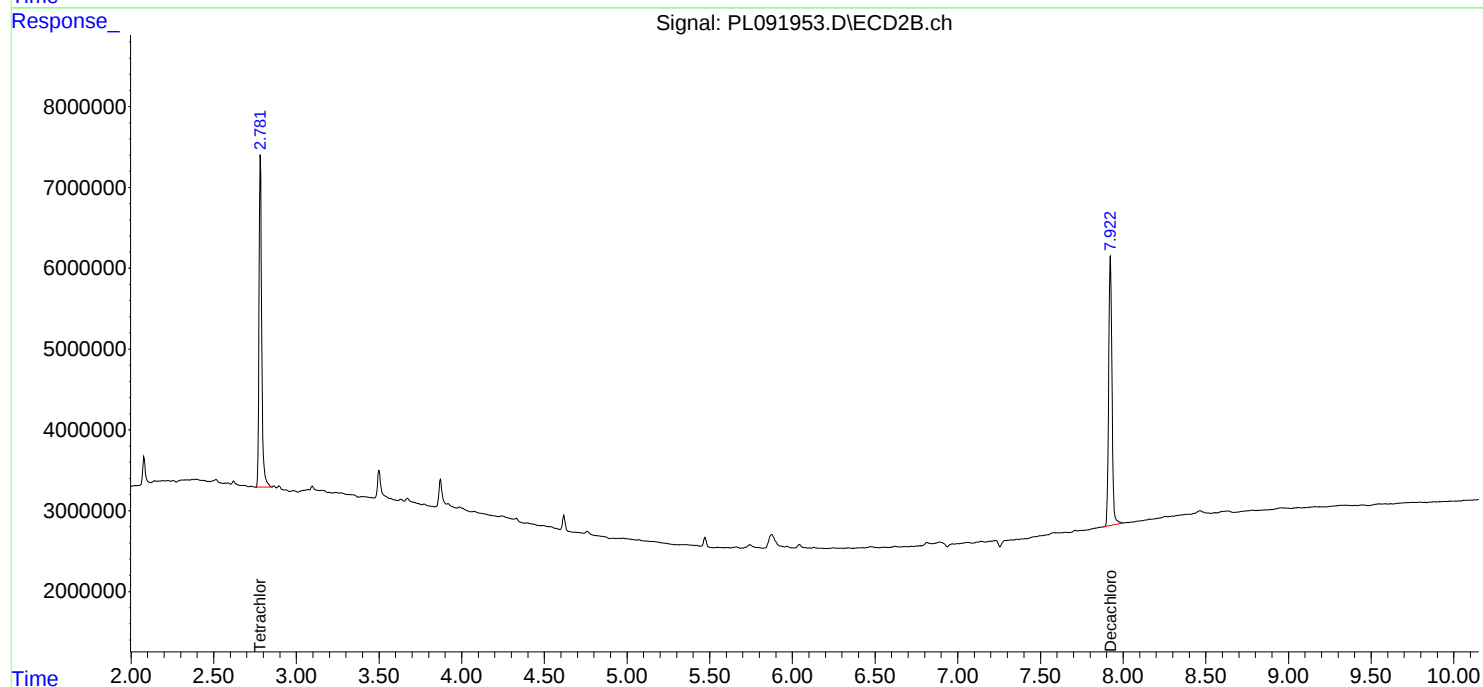
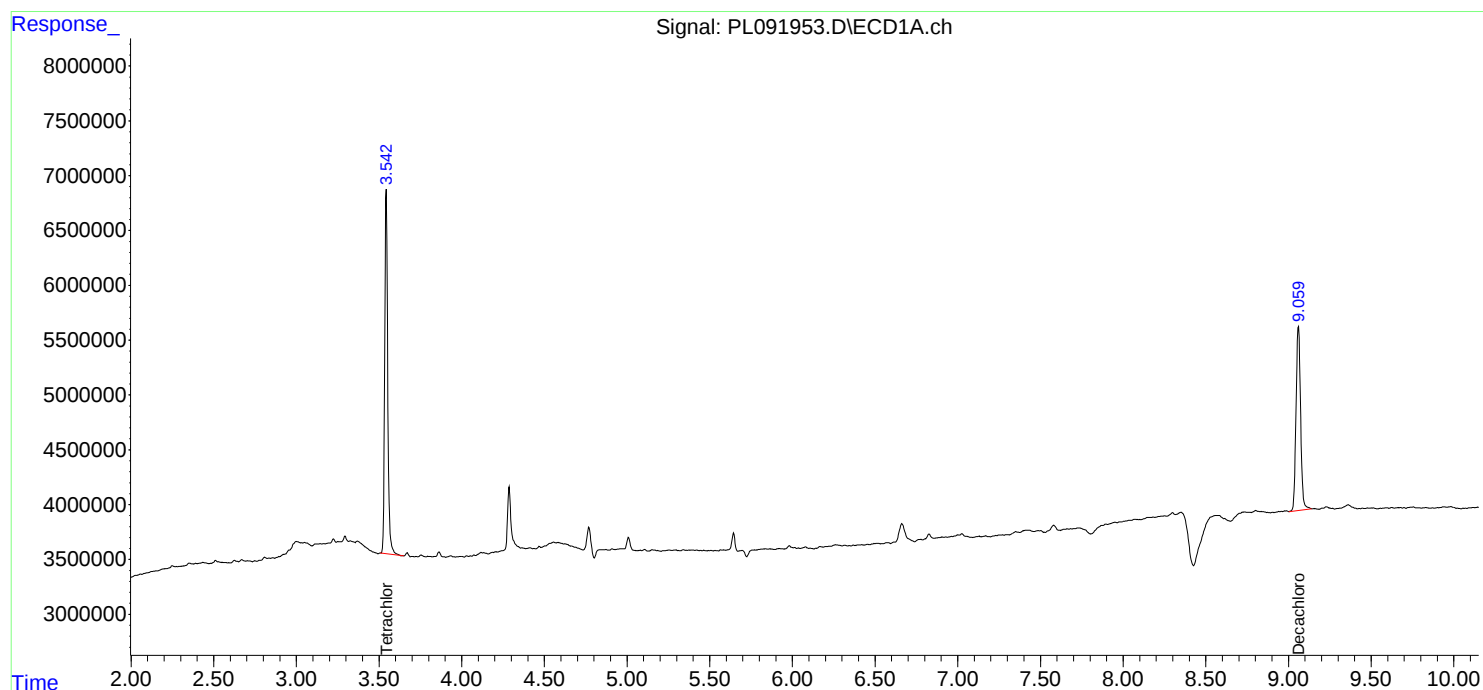
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

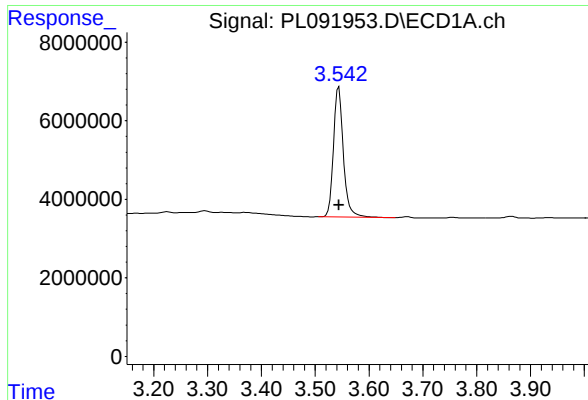
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091953.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 10:52
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 14:04:12 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 14:03:20 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

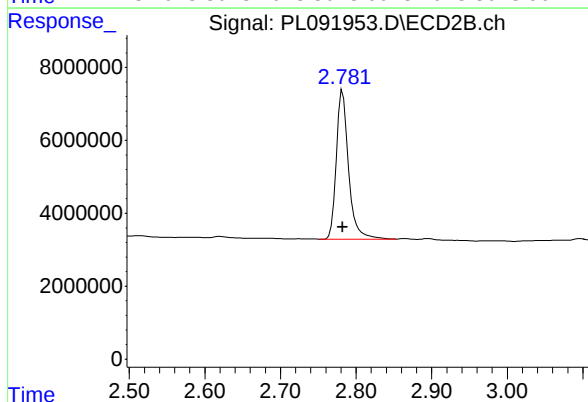




#1 Tetrachloro-m-xylene

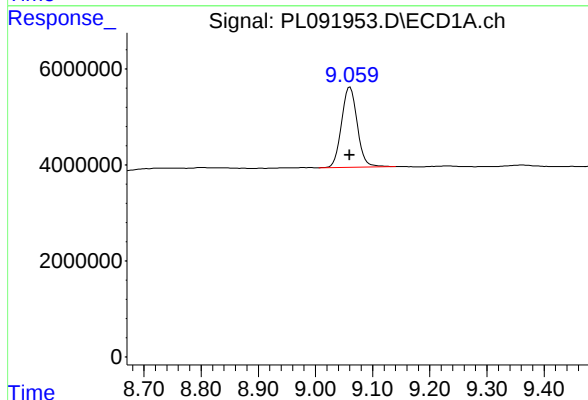
R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 42236372
Conc: 18.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK



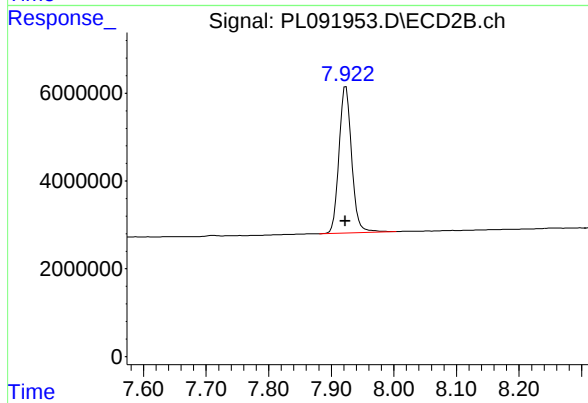
#1 Tetrachloro-m-xylene

R.T.: 2.782 min
Delta R.T.: 0.000 min
Response: 45921989
Conc: 18.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: 0.000 min
Response: 32124664
Conc: 19.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.923 min
Delta R.T.: 0.000 min
Response: 46897103
Conc: 18.74 ng/ml

Report of Analysis

Client:	Scheideler Excavating Co. Inc.			Date Collected:	10/11/24	
Project:	Robbinsville			Date Received:	10/11/24	
Client Sample ID:	PIBLK-PL092329.D			SDG No.:	P4385	
Lab Sample ID:	I.BLK-PL092329.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
PL092329.D	1		10/11/24	PL101224

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	23.8		30 (43) - 150 (140)	119%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.3		30 (77) - 150 (126)	107%	SPK: 20

Report of Analysis

Client:	Scheideler Excavating Co. Inc.		Date Collected:	10/11/24	
Project:	Robbinsville		Date Received:	10/11/24	
Client Sample ID:	PIBLK-PL092329.D		SDG No.:	P4385	
Lab Sample ID:	I.BLK-PL092329.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
PL092329.D	1		10/11/24	PL101224

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\PL101224\
 Data File : PL092329.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Oct 2024 11:40
 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 14 01:33:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 16:44:57 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...	3.544	2.778	47406771	51765990	21.310	20.640
28) SA Decachlor...	9.062	7.921	39023753	55191508	23.821	22.059

Target Compounds

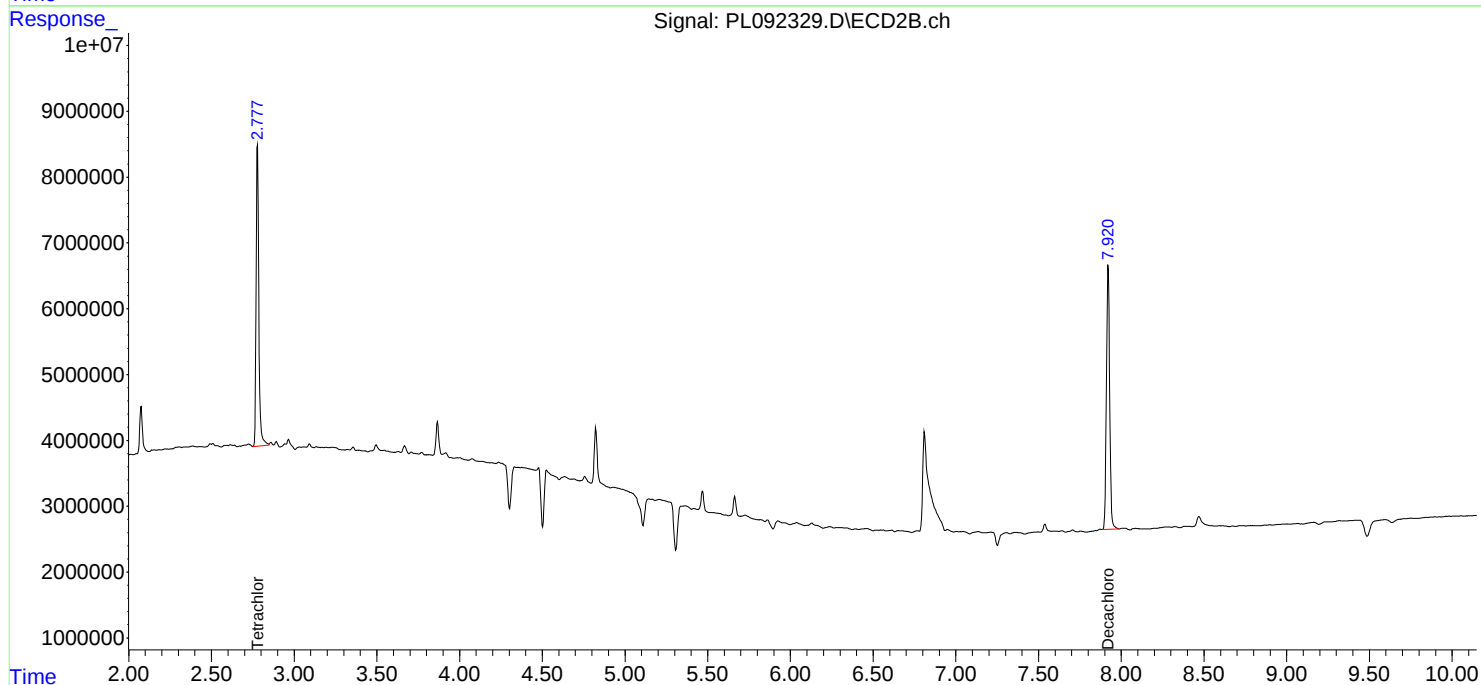
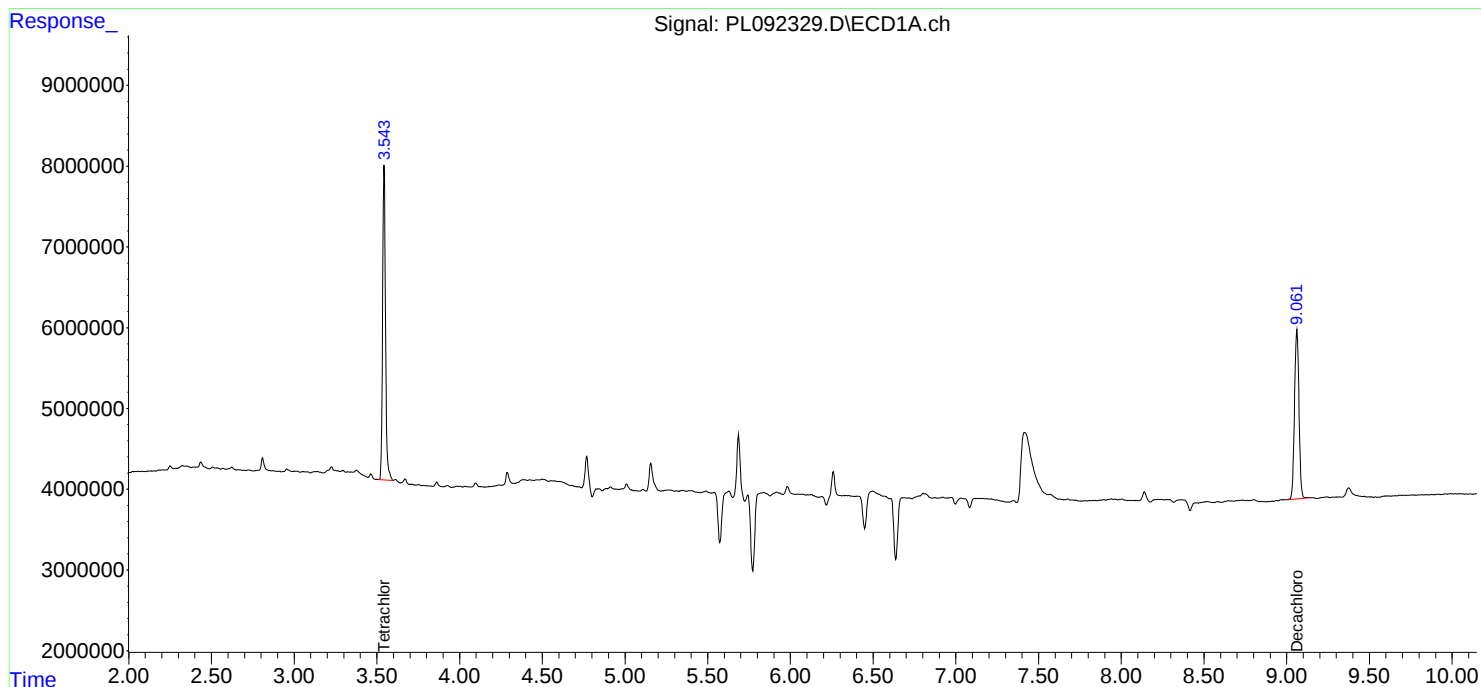
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

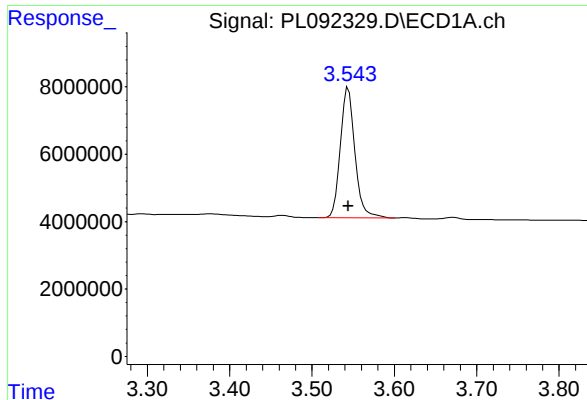
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101224\
Data File : PL092329.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Oct 2024 11:40
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 01:33:05 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 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

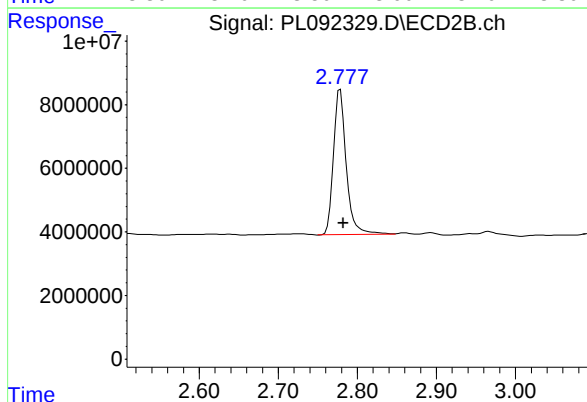




#1 Tetrachloro-m-xylene

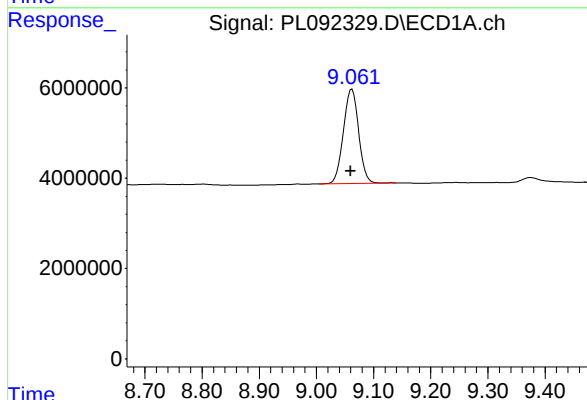
R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 47406771
Conc: 21.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK



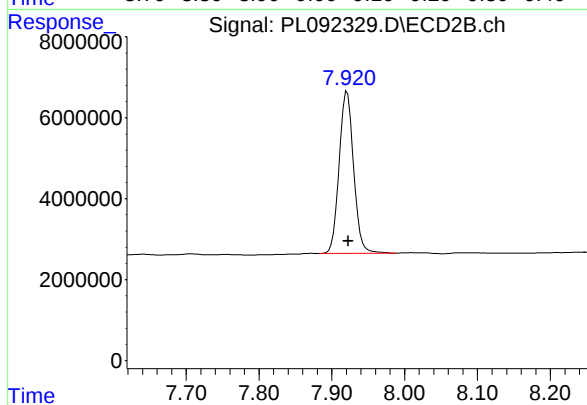
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: -0.004 min
Response: 51765990
Conc: 20.64 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: 0.002 min
Response: 39023753
Conc: 23.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.921 min
Delta R.T.: -0.002 min
Response: 55191508
Conc: 22.06 ng/ml

Report of Analysis

Client:	Scheideler Excavating Co. Inc.			Date Collected:	10/11/24	
Project:	Robbinsville			Date Received:	10/11/24	
Client Sample ID:	PIBLK-PL092346.D			SDG No.:	P4385	
Lab Sample ID:	I.BLK-PL092346.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
PL092346.D	1		10/11/24	PL101224

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	21.1		30 (43) - 150 (140)	105%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.4		30 (77) - 150 (126)	107%	SPK: 20

Report of Analysis

Client:	Scheideler Excavating Co. Inc.		Date Collected:	10/11/24	
Project:	Robbinsville		Date Received:	10/11/24	
Client Sample ID:	PIBLK-PL092346.D		SDG No.:	P4385	
Lab Sample ID:	I.BLK-PL092346.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
PL092346.D	1		10/11/24	PL101224

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\PL101224\
 Data File : PL092346.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Oct 2024 17:31
 Operator : AR\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 I.BLK

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/14/2024
 Supervised By :Ankita Jodhani 10/14/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 14 01:34:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 16:44:57 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	47521987	53279920	21.361	21.243
28) SA Decachlor...	9.057	7.920	34496971	49373172	21.057m	19.734

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101224\
Data File : PL092346.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Oct 2024 17:31
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

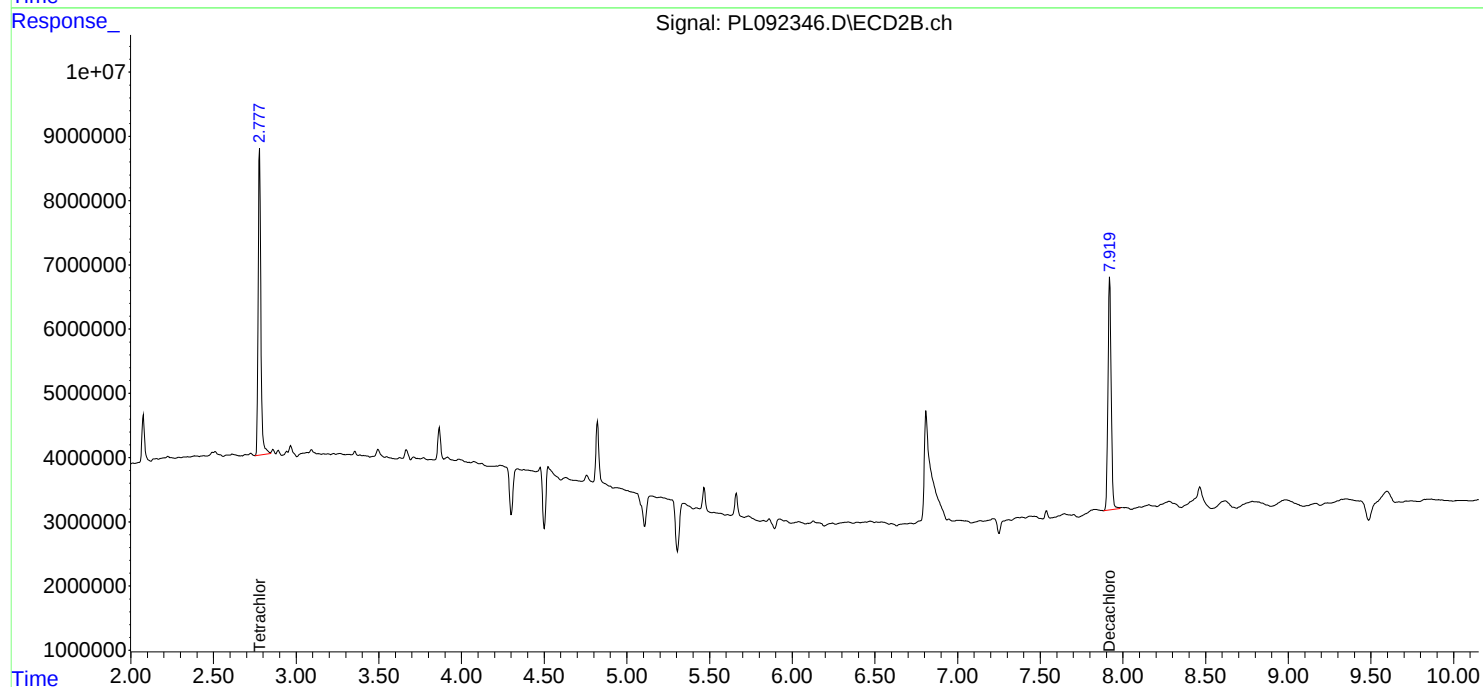
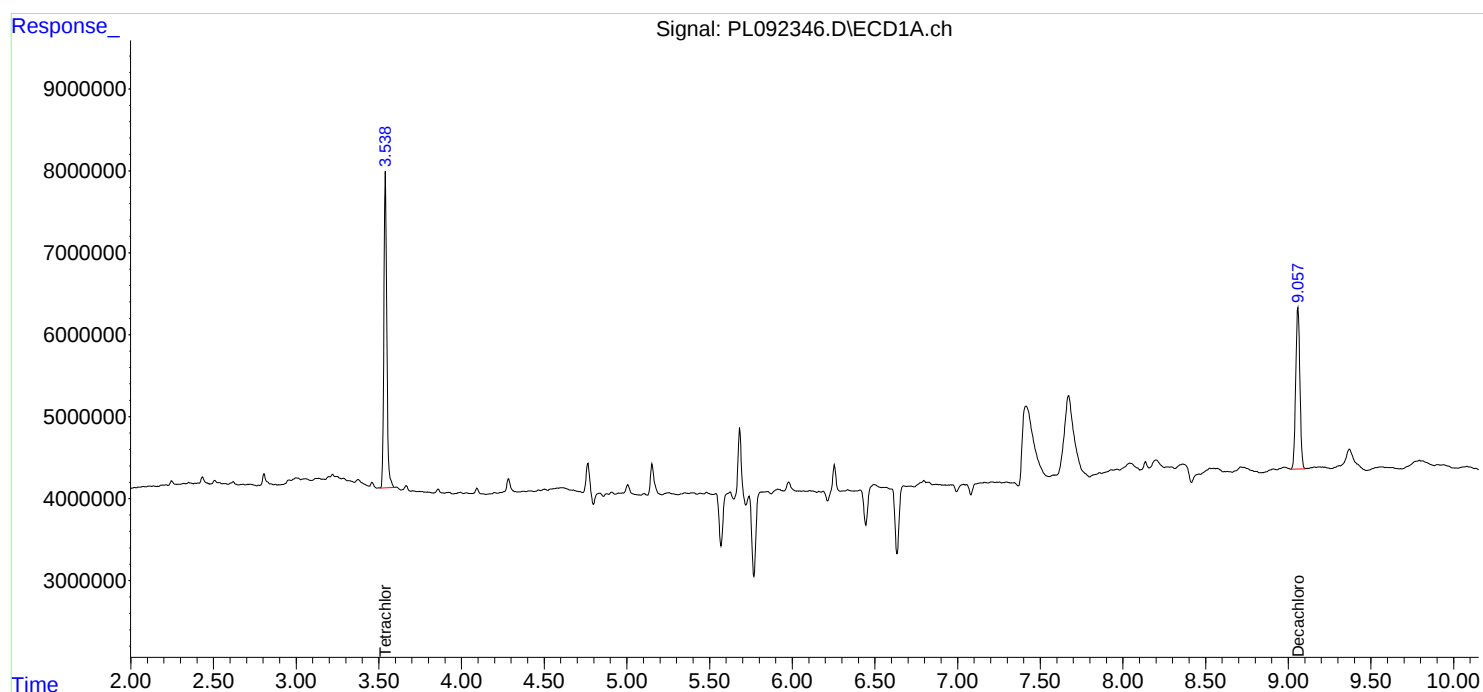
Instrument :
ECD_L
ClientSampleId :
I.BLK

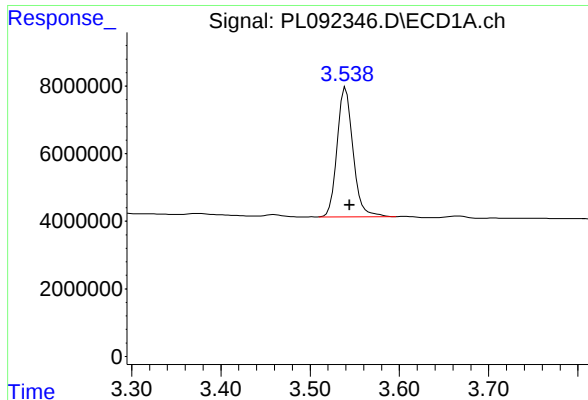
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 10/14/2024
Supervised By : Ankita Jodhani 10/14/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 01:34:56 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 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





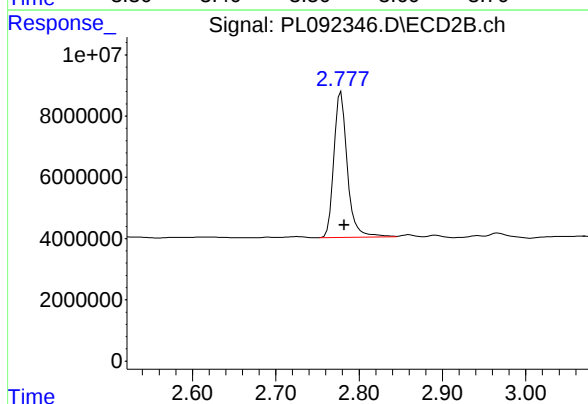
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: -0.004 min
Response: 47521987
Conc: 21.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK

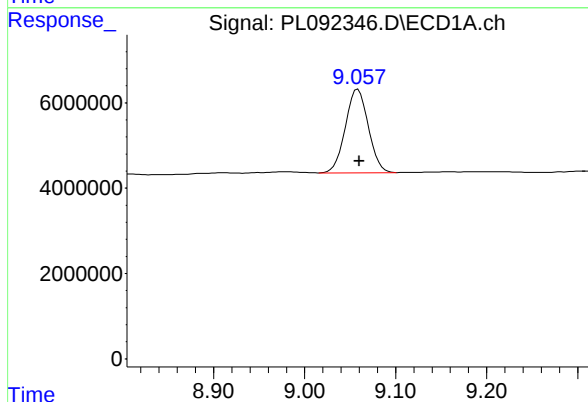
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



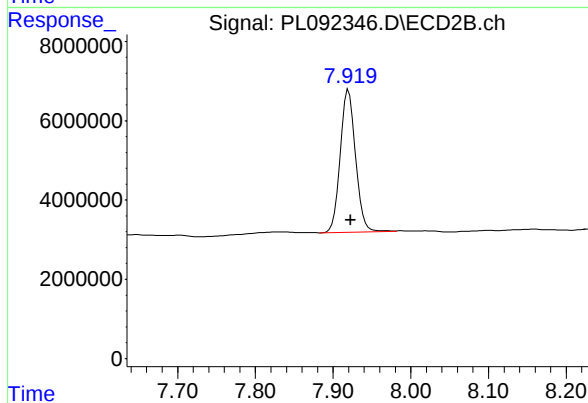
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: -0.004 min
Response: 53279920
Conc: 21.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: -0.003 min
Response: 34496971
Conc: 21.06 ng/ml m



#28 Decachlorobiphenyl

R.T.: 7.920 min
Delta R.T.: -0.003 min
Response: 49373172
Conc: 19.73 ng/ml

Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	
Project:	Robbinsville	Date Received:	
Client Sample ID:	PB164067BS	SDG No.:	P4385
Lab Sample ID:	PB164067BS	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
PL092332.D	1	10/11/24 09:00	10/11/24 13:37	PB164067

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	16.8		0.18	1.70	ug/kg
319-85-7	beta-BHC	16.8		0.49	1.70	ug/kg
319-86-8	delta-BHC	16.4		0.47	1.70	ug/kg
58-89-9	gamma-BHC (Lindane)	16.2		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	17.3		0.23	1.70	ug/kg
959-98-8	Endosulfan I	17.2		0.17	1.70	ug/kg
60-57-1	Dieldrin	17.3		0.15	1.70	ug/kg
72-55-9	4,4-DDE	17.6		0.13	1.70	ug/kg
72-20-8	Endrin	16.3		0.16	1.70	ug/kg
33213-65-9	Endosulfan II	17.5		0.30	1.70	ug/kg
72-54-8	4,4-DDD	18.9		0.19	1.70	ug/kg
1031-07-8	Endosulfan Sulfate	17.1		0.13	1.70	ug/kg
50-29-3	4,4-DDT	16.2		0.17	1.70	ug/kg
72-43-5	Methoxychlor	16.3		0.38	1.70	ug/kg
53494-70-5	Endrin ketone	17.4		0.22	1.70	ug/kg
7421-93-4	Endrin aldehyde	16.6		0.39	1.70	ug/kg
5103-71-9	alpha-Chlordane	17.2		0.17	1.70	ug/kg
5103-74-2	gamma-Chlordane	17.4		0.19	1.70	ug/kg
8001-35-2	Toxaphene	5.20	U	5.20	33.0	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	22.0		30 (10) - 150 (148)	110%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.7		30 (10) - 150 (159)	103%	SPK: 20

Report of Analysis

Client:	Scheideler Excavating Co. Inc.		Date Collected:		
Project:	Robbinsville		Date Received:		
Client Sample ID:	PB164067BS		SDG No.:	P4385	
Lab Sample ID:	PB164067BS		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
PL092332.D	1	10/11/24 09:00	10/11/24 13:37	PB164067

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\PL101224\
 Data File : PL092332.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Oct 2024 13:37
 Operator : AR\AJ
 Sample : PB164067BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB164067BS

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 10/14/2024

Supervised By :Ankita Jodhani 10/14/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 14 02:32:24 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 16:44:57 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	45975229	49932667	20.666	19.909
28)	SA Decachlor...	9.060	7.920	36058096	53289886	22.010	21.299
Target Compounds							
2)	A alpha-BHC	3.996	3.281	150.4E6	183.2E6	48.566	50.294
3)	MA gamma-BHC...	4.329	3.611	143.2E6	171.8E6	46.224	48.654
4)	MA Heptachlor	4.918	3.950	135.6E6	172.8E6	49.019	50.079
5)	MB Aldrin	5.260	4.230	129.6E6	165.6E6	46.669	48.698
6)	B beta-BHC	4.527	3.910	64993496	75607992	49.001	50.301
7)	B delta-BHC	4.774	4.140	137.5E6	170.6E6	47.668	49.133
8)	B Heptachlo...	5.687	4.733	122.5E6	157.3E6	48.121	52.044
9)	A Endosulfan I	6.073	5.103	111.6E6	142.0E6	48.232	51.752
10)	B gamma-Chl...	5.944	4.983	121.0E6	157.3E6	48.970	52.287
11)	B alpha-Chl...	6.023	5.047	121.6E6	154.4E6	49.345	51.568
12)	B 4,4'-DDE	6.196	5.236	107.1E6	146.8E6	49.463	52.822
13)	MA Dieldrin	6.348	5.368	117.7E6	152.0E6	48.244	51.859
14)	MA Endrin	6.577	5.644	95565947	128.3E6	46.376m	48.920
15)	B Endosulfa...	6.798	5.939	103.9E6	131.2E6	47.242	52.423
16)	A 4,4'-DDD	6.712	5.791	93139348	121.1E6	51.867m	56.689
17)	MA 4,4'-DDT	7.027	6.042	89654772	112.3E6	48.694	48.553
18)	B Endrin al...	6.928	6.118	82591688	101.4E6	47.391	49.694
19)	B Endosulfa...	7.162	6.341	96778659	124.1E6	48.822	51.431
20)	A Methoxychlor	7.504	6.618	48010573	59992884	48.905	47.981
21)	B Endrin ke...	7.648	6.847	109.5E6	145.0E6	49.817	52.354
22)	Mirex	8.121	7.028	84428426	116.8E6	46.879	48.005

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101224\
Data File : PL092332.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Oct 2024 13:37
Operator : AR\AJ
Sample : PB164067BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB164067BS

Manual Integrations

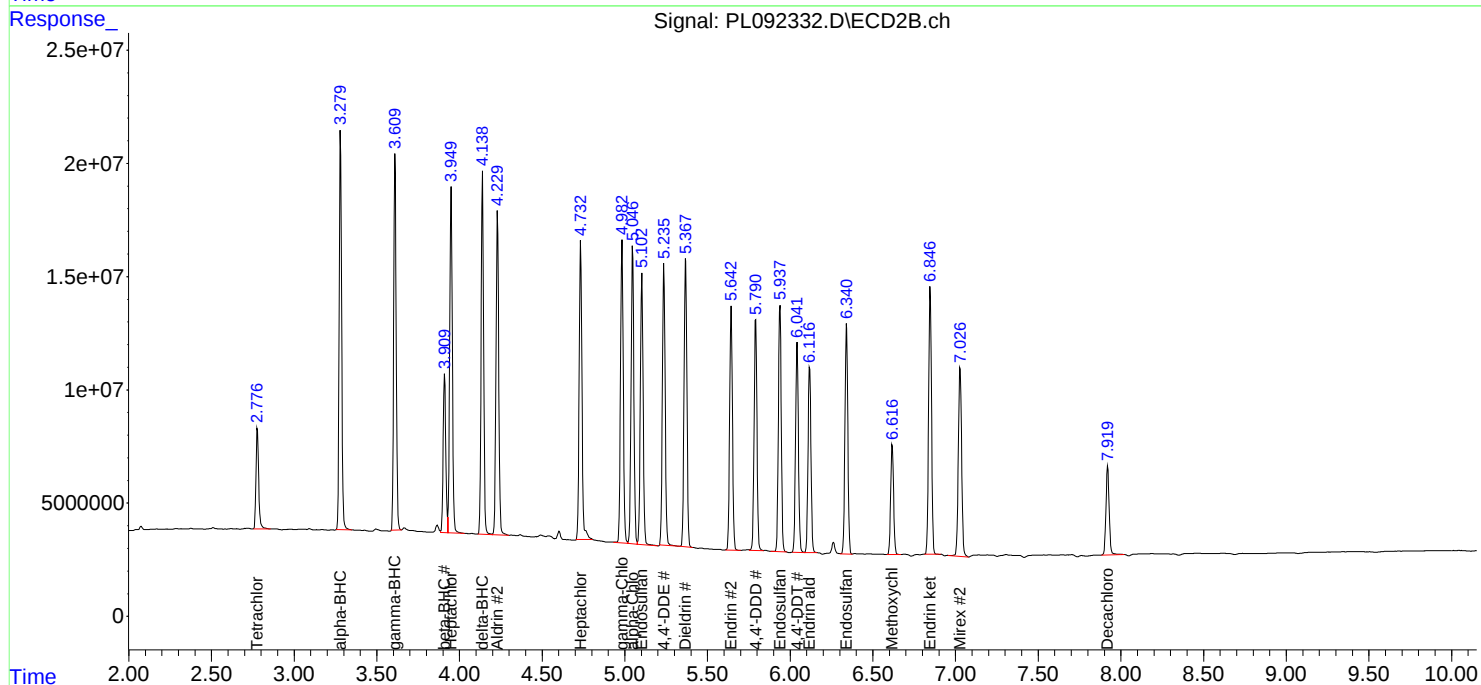
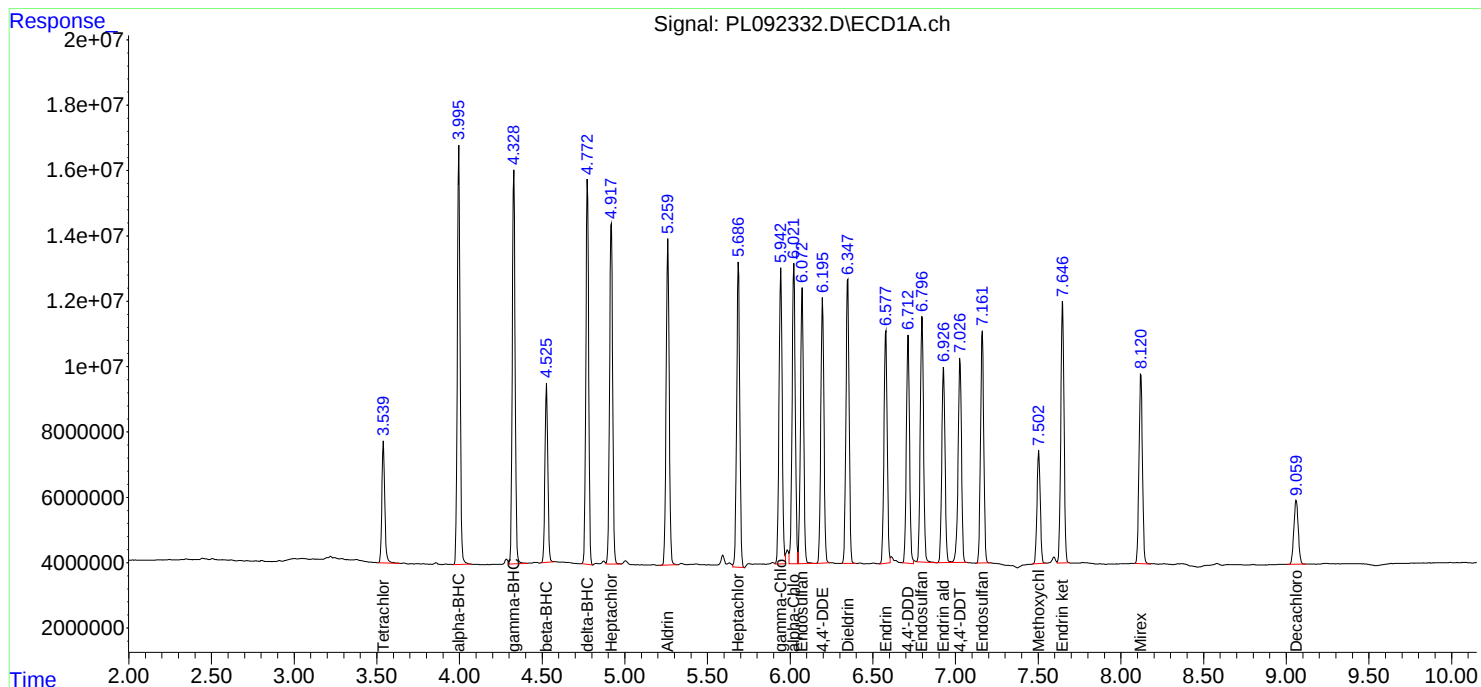
APPROVED

Reviewed By :Abdul Mirza 10/14/2024

Supervised By :Ankita Jodhani 10/14/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 02:32:24 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 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:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-2MS	SDG No.:	P4385
Lab Sample ID:	P4385-04MS	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	95 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
PL092336.D	1	10/11/24 09:00	10/11/24 14:31	PB164067

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	15.6		0.19	1.80	ug/kg
319-85-7	beta-BHC	16.0		0.51	1.80	ug/kg
319-86-8	delta-BHC	14.7		0.49	1.80	ug/kg
58-89-9	gamma-BHC (Lindane)	15.2		0.20	1.80	ug/kg
76-44-8	Heptachlor	16.0		0.18	1.80	ug/kg
309-00-2	Aldrin	15.3		0.15	1.80	ug/kg
1024-57-3	Heptachlor epoxide	15.5		0.24	1.80	ug/kg
959-98-8	Endosulfan I	15.6		0.18	1.80	ug/kg
60-57-1	Dieldrin	16.7		0.16	1.80	ug/kg
72-55-9	4,4-DDE	43.0	E	0.14	1.80	ug/kg
72-20-8	Endrin	16.9		0.17	1.80	ug/kg
33213-65-9	Endosulfan II	16.0		0.32	1.80	ug/kg
72-54-8	4,4-DDD	19.2		0.20	1.80	ug/kg
1031-07-8	Endosulfan Sulfate	16.1		0.14	1.80	ug/kg
50-29-3	4,4-DDT	39.9	E	0.18	1.80	ug/kg
72-43-5	Methoxychlor	16.3		0.40	1.80	ug/kg
53494-70-5	Endrin ketone	21.2	P	0.23	1.80	ug/kg
7421-93-4	Endrin aldehyde	16.3		0.41	1.80	ug/kg
5103-71-9	alpha-Chlordane	15.9		0.18	1.80	ug/kg
5103-74-2	gamma-Chlordane	16.4		0.20	1.80	ug/kg
8001-35-2	Toxaphene	5.50	U	5.50	34.6	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	16.9		30 (10) - 150 (148)	85%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16.4		30 (10) - 150 (159)	82%	SPK: 20

Report of Analysis

Client:	Scheideler Excavating Co. Inc.		Date Collected:	10/10/24	
Project:	Robbinsville		Date Received:	10/10/24	
Client Sample ID:	SP-2MS		SDG No.:	P4385	
Lab Sample ID:	P4385-04MS		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	95	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
PL092336.D	1	10/11/24 09:00	10/11/24 14:31	PB164067

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\PL101224\
 Data File : PL092336.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Oct 2024 14:31
 Operator : AR\AJ
 Sample : P4385-04MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SP-2MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/14/2024
 Supervised By :Ankita Jodhani 10/14/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 14 02:39:28 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 16:44:57 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	36382584	40854859	16.354m	16.289
28) SA Decachlor...	9.057	7.920	27693861	39186066	16.905	15.662
Target Compounds						
2) A alpha-BHC	3.996	3.281	134.6E6	162.6E6	43.456	44.625
3) MA gamma-BHC...	4.328	3.611	129.1E6	153.3E6	41.661	43.417
4) MA Heptachlor	4.917	3.950	126.5E6	158.2E6	45.740	45.840
5) MB Aldrin	5.259	4.230	115.0E6	149.0E6	41.400	43.819
6) B beta-BHC	4.526	3.911	59093735	68616037	44.553	45.650
7) B delta-BHC	4.772	4.140	120.5E6	146.0E6	41.782	42.067
8) B Heptachlo...	5.685	4.733	112.7E6	134.1E6	44.267	44.346
9) A Endosulfan I	6.071	5.103	103.4E6	121.9E6	44.684	44.430
10) B gamma-Chl...	5.941	4.983	115.8E6	138.0E6	46.873	45.873
11) B alpha-Chl...	6.021	5.046	112.2E6	136.3E6	45.559	45.542
12) B 4,4'-DDE	6.194	5.235	238.8E6	341.2E6	110.322	122.800
13) MA Dieldrin	6.346	5.367	109.6E6	139.6E6	44.925	47.622
14) MA Endrin	6.575	5.643	89466843	126.6E6	43.416m	48.268
15) B Endosulfa...	6.796	5.938	94635331	114.5E6	43.021	45.768
16) A 4,4'-DDD	6.710	5.791	98343576	111.3E6	54.766m	52.124
17) MA 4,4'-DDT	7.026	6.041	194.6E6	263.5E6	105.674	113.895
18) B Endrin al...	6.926	6.117	73648375	94861372	42.260	46.484
19) B Endosulfa...	7.160	6.340	88123965	111.1E6	44.456	46.046
20) A Methoxychlor	7.502	6.618	43617495	58138848	44.430	46.498
21) B Endrin ke...	7.645	6.846	133.2E6	124.5E6	60.600m	44.946 #
22) Mirex	8.119	7.027	74568357	104.1E6	41.404	42.800

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101224\
Data File : PL092336.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Oct 2024 14:31
Operator : AR\AJ
Sample : P4385-04MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

SP-2MS

Manual Integrations

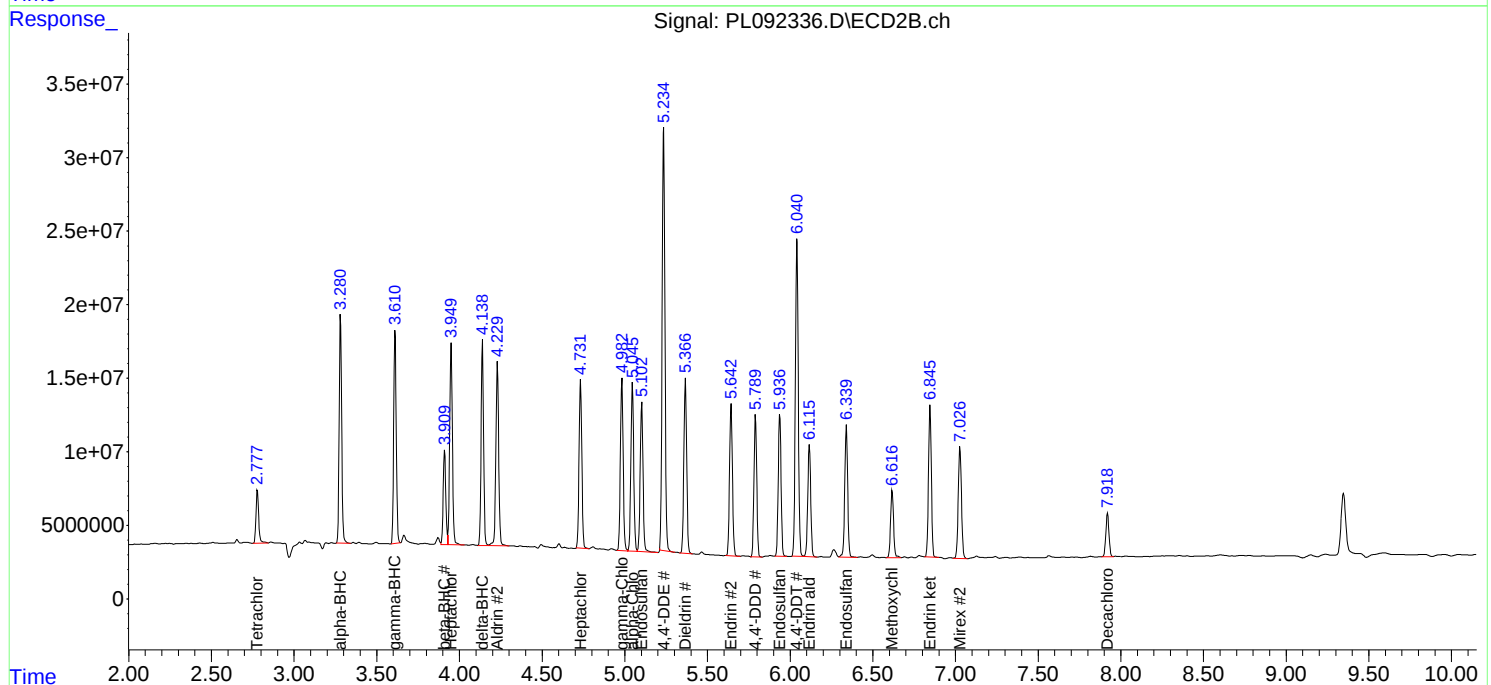
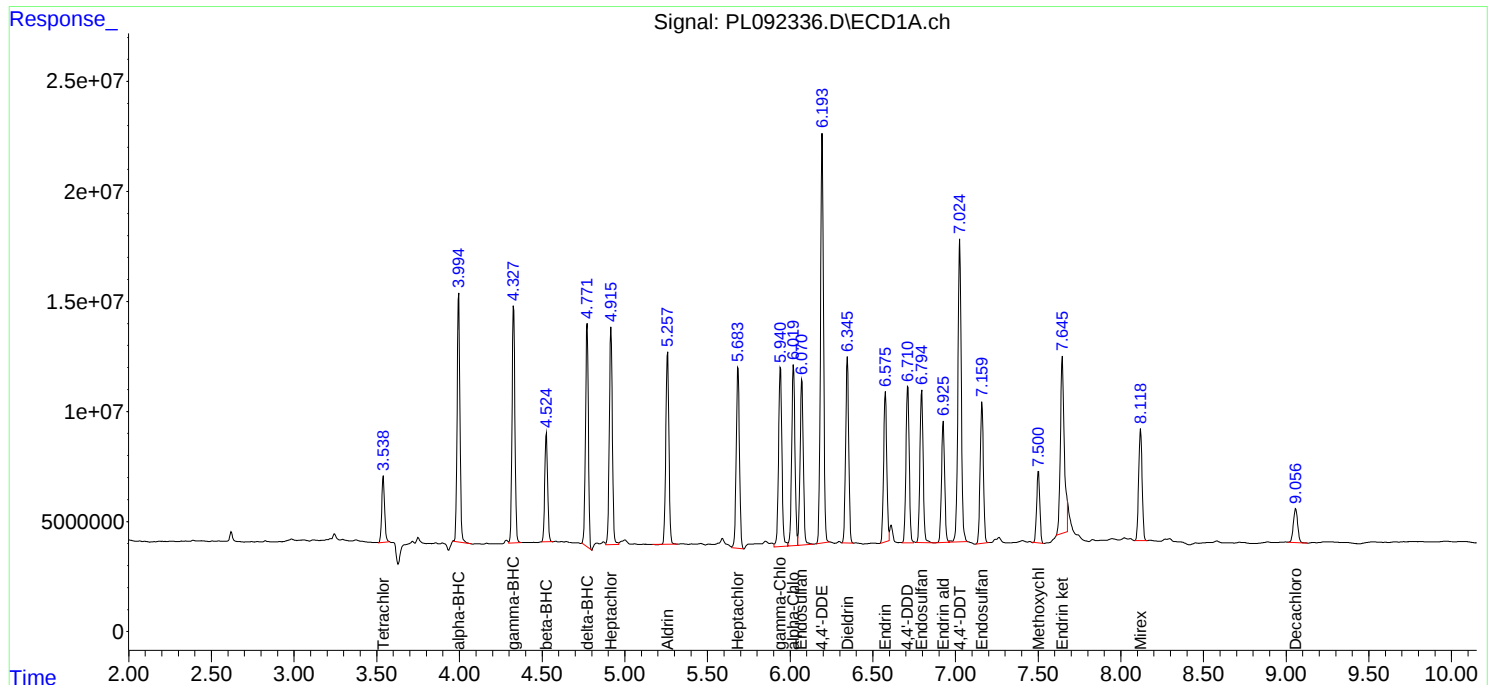
APPROVED

Reviewed By :Abdul Mirza 10/14/2024

Supervised By :Ankita Jodhani 10/14/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 02:39:28 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 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:	Scheideler Excavating Co. Inc.		Date Collected:	10/10/24	
Project:	Robbinsville		Date Received:	10/10/24	
Client Sample ID:	SP-2MSD		SDG No.:	P4385	
Lab Sample ID:	P4385-04MSD		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	95	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
PL092337.D	1	10/11/24 09:00	10/11/24 14:44	PB164067

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	15.5		0.19	1.80	ug/kg
319-85-7	beta-BHC	15.8		0.51	1.80	ug/kg
319-86-8	delta-BHC	14.6		0.49	1.80	ug/kg
58-89-9	gamma-BHC (Lindane)	15.1		0.20	1.80	ug/kg
76-44-8	Heptachlor	15.9		0.18	1.80	ug/kg
309-00-2	Aldrin	15.2		0.15	1.80	ug/kg
1024-57-3	Heptachlor epoxide	15.5		0.24	1.80	ug/kg
959-98-8	Endosulfan I	15.5		0.18	1.80	ug/kg
60-57-1	Dieldrin	16.6		0.16	1.80	ug/kg
72-55-9	4,4-DDE	43.3	E	0.14	1.80	ug/kg
72-20-8	Endrin	16.8		0.17	1.80	ug/kg
33213-65-9	Endosulfan II	16.0		0.32	1.80	ug/kg
72-54-8	4,4-DDD	18.9		0.20	1.80	ug/kg
1031-07-8	Endosulfan Sulfate	16.1		0.14	1.80	ug/kg
50-29-3	4,4-DDT	39.7	E	0.18	1.80	ug/kg
72-43-5	Methoxychlor	16.2		0.40	1.80	ug/kg
53494-70-5	Endrin ketone	22.6	P	0.23	1.80	ug/kg
7421-93-4	Endrin aldehyde	16.2		0.41	1.80	ug/kg
5103-71-9	alpha-Chlordane	15.9		0.18	1.80	ug/kg
5103-74-2	gamma-Chlordane	16.2		0.20	1.80	ug/kg
8001-35-2	Toxaphene	5.50	U	5.50	34.7	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	16.8		30 (10) - 150 (148)	84%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16.6		30 (10) - 150 (159)	83%	SPK: 20

Report of Analysis

Client:	Scheideler Excavating Co. Inc.		Date Collected:	10/10/24	
Project:	Robbinsville		Date Received:	10/10/24	
Client Sample ID:	SP-2MSD		SDG No.:	P4385	
Lab Sample ID:	P4385-04MSD		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	95	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
PL092337.D	1	10/11/24 09:00	10/11/24 14:44	PB164067

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\PL101224\
 Data File : PL092337.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Oct 2024 14:44
 Operator : AR\AJ
 Sample : P4385-04MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

SP-2MSD

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 10/14/2024

Supervised By :Ankita Jodhani 10/14/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 14 02:41:15 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 16:44:57 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	36996442	39858520	16.630m	15.892
28)	SA Decachlor...	9.057	7.919	27464423	39130261	16.765	15.640
Target Compounds							
2)	A alpha-BHC	3.996	3.281	132.1E6	161.7E6	42.668	44.377
3)	MA gamma-BHC...	4.328	3.611	127.9E6	152.2E6	41.276	43.113
4)	MA Heptachlor	4.917	3.950	124.1E6	156.5E6	44.860	45.345
5)	MB Aldrin	5.258	4.230	113.8E6	147.7E6	40.986	43.436
6)	B beta-BHC	4.525	3.911	58414212	67992634	44.040	45.235
7)	B delta-BHC	4.772	4.140	118.5E6	145.1E6	41.079	41.784
8)	B Heptachlo...	5.685	4.733	110.7E6	133.4E6	43.506	44.141
9)	A Endosulfan I	6.070	5.103	102.0E6	121.6E6	44.074	44.305
10)	B gamma-Chl...	5.941	4.983	114.1E6	138.6E6	46.177	46.068
11)	B alpha-Chl...	6.020	5.047	110.8E6	136.2E6	44.986	45.508
12)	B 4,4'-DDE	6.193	5.236	237.1E6	343.2E6	109.560	123.516
13)	MA Dieldrin	6.346	5.367	109.0E6	138.8E6	44.711	47.327
14)	MA Endrin	6.574	5.643	88049972	126.1E6	42.728m	48.095
15)	B Endosulfa...	6.795	5.938	94097834	114.4E6	42.777	45.708
16)	A 4,4'-DDD	6.710	5.791	96987003	111.9E6	54.010m	52.393
17)	MA 4,4'-DDT	7.026	6.042	191.5E6	262.5E6	103.990	113.479
18)	B Endrin al...	6.925	6.117	72870983	94684643	41.813	46.398
19)	B Endosulfa...	7.160	6.340	87464369	110.8E6	44.123	45.911
20)	A Methoxychlor	7.501	6.617	43749446	57871829	44.564	46.285
21)	B Endrin ke...	7.644	6.846	141.8E6	124.0E6	64.510m	44.785 #
22)	Mirex	8.119	7.027	73912736	103.5E6	41.040	42.563

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101224\
Data File : PL092337.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Oct 2024 14:44
Operator : AR\AJ
Sample : P4385-04MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

SP-2MSD

Manual Integrations

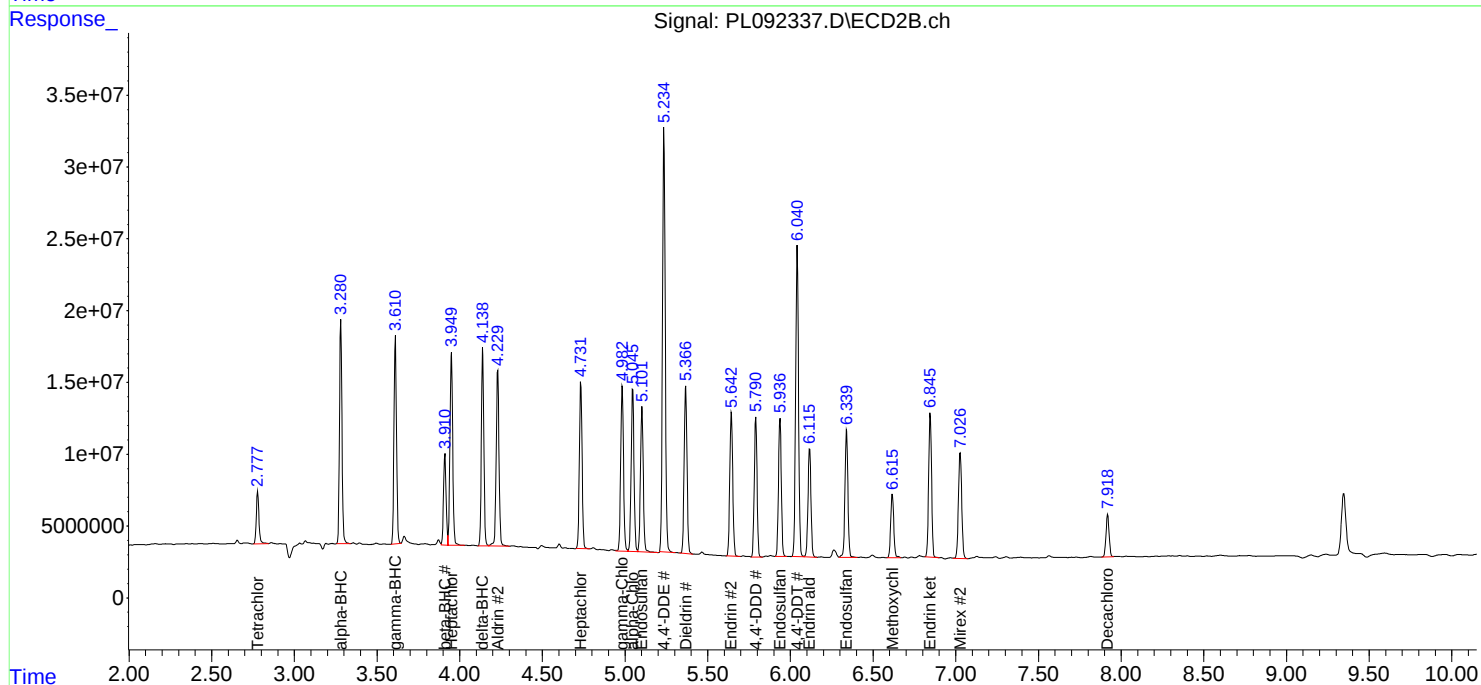
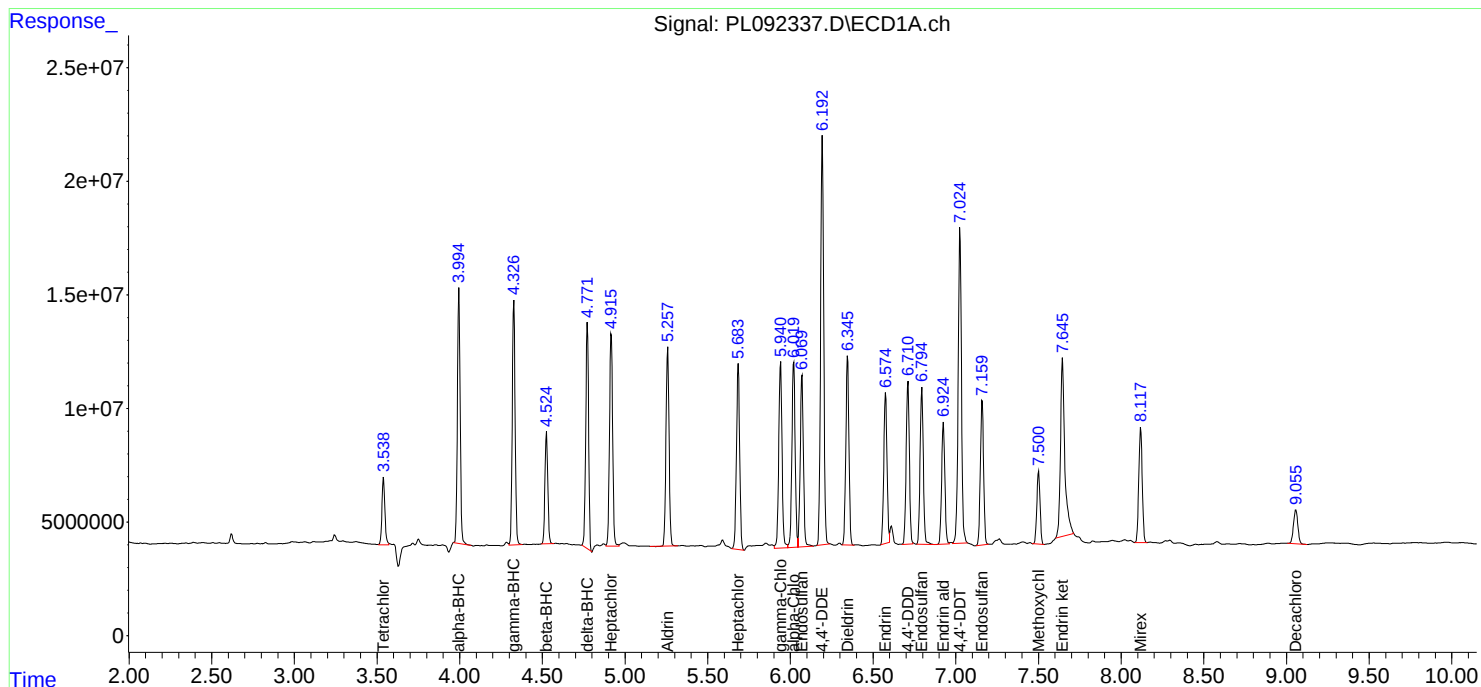
APPROVED

Reviewed By :Abdul Mirza 10/14/2024

Supervised By :Ankita Jodhani 10/14/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 02:41:15 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 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:	PL092324	Instrument	ECD_I
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PL091954.D	Endrin ketone #2	Abdul	9/24/2024 9:17:41 AM	Ankita	9/24/2024 11:06:36	Peak Integrated by Software
PSTDICC025	PL091959.D	Heptachlor epoxide	Abdul	9/24/2024 9:17:44 AM	Ankita	9/24/2024 11:06:38	Peak Integrated by Software
PSTDICC005	PL091960.D	delta-BHC	Abdul	9/24/2024 9:17:47 AM	Ankita	9/24/2024 11:06:40	Peak Integrated by Software
PSTDICC005	PL091960.D	Endrin ketone #2	Abdul	9/24/2024 9:17:47 AM	Ankita	9/24/2024 11:06:40	Peak Integrated by Software
PSTDICC005	PL091960.D	Heptachlor	Abdul	9/24/2024 9:17:47 AM	Ankita	9/24/2024 11:06:40	Peak Integrated by Software
PSTDICC005	PL091960.D	Heptachlor epoxide	Abdul	9/24/2024 9:17:47 AM	Ankita	9/24/2024 11:06:40	Peak Integrated by Software
PSTDICC005	PL091960.D	Methoxychlor	Abdul	9/24/2024 9:17:47 AM	Ankita	9/24/2024 11:06:40	Peak Integrated by Software
PEM	PL091975.D	4,4"-DDE	Abdul	9/25/2024 12:23:38 PM	Ankita	9/25/2024 12:24:20	Peak Integrated by Software
PEM	PL091975.D	4,4"-DDE #2	Abdul	9/25/2024 12:23:38 PM	Ankita	9/25/2024 12:24:20	Peak Integrated by Software
PEM	PL091975.D	4,4"-DDT #2	Abdul	9/25/2024 12:23:38 PM	Ankita	9/25/2024 12:24:20	Peak Integrated by Software
PEM	PL091975.D	Endrin ketone #2	Abdul	9/25/2024 12:23:38 PM	Ankita	9/25/2024 12:24:20	Peak Integrated by Software
PEM	PL091975.D	gamma-BHC (Lindane)	Abdul	9/25/2024 12:23:38 PM	Ankita	9/25/2024 12:24:20	Peak Integrated by Software
PEM	PL091975.D	Methoxychlor #2	Abdul	9/25/2024 12:23:38 PM	Ankita	9/25/2024 12:24:20	Peak Integrated by Software

Manual Integration Report

Sequence:

PL092324

Instrument

ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PL091976.D	4,4"-DDE #2	Abdul	9/24/2024 9:18:08 AM	Ankita	9/24/2024 11:06:48	Peak Integrated by Software
PSTDCCC050	PL091976.D	Aldrin #2	Abdul	9/24/2024 9:18:08 AM	Ankita	9/24/2024 11:06:48	Peak Integrated by Software
PSTDCCC050	PL091976.D	delta-BHC #2	Abdul	9/24/2024 9:18:08 AM	Ankita	9/24/2024 11:06:48	Peak Integrated by Software
PSTDCCC050	PL091976.D	Endrin aldehyde	Abdul	9/24/2024 9:18:08 AM	Ankita	9/24/2024 11:06:48	Peak Integrated by Software
PSTDCCC050	PL091976.D	Endrin ketone #2	Abdul	9/24/2024 9:18:08 AM	Ankita	9/24/2024 11:06:48	Peak Integrated by Software
I.BLK	PL091988.D	Tetrachloro-m-xylene	Abdul	9/24/2024 9:23:07 AM	Ankita	9/24/2024 11:07:26	Peak Integrated by Software
PSTDCCC050	PL091989.D	4,4"-DDD	Abdul	9/24/2024 9:23:10 AM	Ankita	9/24/2024 11:07:29	Peak Integrated by Software
PSTDCCC050	PL091989.D	4,4"-DDE #2	Abdul	9/24/2024 9:23:10 AM	Ankita	9/24/2024 11:07:29	Peak Integrated by Software
PSTDCCC050	PL091989.D	Aldrin #2	Abdul	9/24/2024 9:23:10 AM	Ankita	9/24/2024 11:07:29	Peak Integrated by Software
PSTDCCC050	PL091989.D	delta-BHC #2	Abdul	9/24/2024 9:23:10 AM	Ankita	9/24/2024 11:07:29	Peak Integrated by Software
PSTDCCC050	PL091989.D	Endosulfan II	Abdul	9/24/2024 9:23:10 AM	Ankita	9/24/2024 11:07:29	Peak Integrated by Software
PSTDCCC050	PL091989.D	Endosulfan II #2	Abdul	9/24/2024 9:23:10 AM	Ankita	9/24/2024 11:07:29	Peak Integrated by Software
PSTDCCC050	PL091989.D	Endrin	Abdul	9/24/2024 9:23:10 AM	Ankita	9/24/2024 11:07:29	Peak Integrated by Software



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

Manual Integration Report

Sequence:

PL092324

Instrument

ECD_I

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Manual Integration Report

Sequence:	PL101224	Instrument	ECD_I
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PL092320.D	4,4"-DDD	Abdul	10/14/2024 8:50:26 AM	Ankita	10/14/2024 9:17:25	Peak Integrated by Software
PEM	PL092320.D	4,4"-DDE	Abdul	10/14/2024 8:50:26 AM	Ankita	10/14/2024 9:17:25	Peak Integrated by Software
PEM	PL092320.D	4,4"-DDT	Abdul	10/14/2024 8:50:26 AM	Ankita	10/14/2024 9:17:25	Peak Integrated by Software
PEM	PL092320.D	Endrin	Abdul	10/14/2024 8:50:26 AM	Ankita	10/14/2024 9:17:25	Peak Integrated by Software
PSTDCCC050	PL092321.D	4,4"-DDD	Abdul	10/14/2024 8:50:41 AM	Ankita	10/14/2024 9:17:27	Peak Integrated by Software
PSTDCCC050	PL092321.D	4,4"-DDE #2	Abdul	10/14/2024 8:50:41 AM	Ankita	10/14/2024 9:17:27	Peak Integrated by Software
PSTDCCC050	PL092321.D	Aldrin #2	Abdul	10/14/2024 8:50:41 AM	Ankita	10/14/2024 9:17:27	Peak Integrated by Software
PSTDCCC050	PL092321.D	alpha-Chlordane	Abdul	10/14/2024 8:50:41 AM	Ankita	10/14/2024 9:17:27	Peak Integrated by Software
PSTDCCC050	PL092321.D	delta-BHC #2	Abdul	10/14/2024 8:50:41 AM	Ankita	10/14/2024 9:17:27	Peak Integrated by Software
PSTDCCC050	PL092321.D	Endrin ketone #2	Abdul	10/14/2024 8:50:41 AM	Ankita	10/14/2024 9:17:27	Peak Integrated by Software
PSTDCCC050	PL092321.D	gamma-Chlordane	Abdul	10/14/2024 8:50:41 AM	Ankita	10/14/2024 9:17:27	Peak Integrated by Software
PSTDCCC050	PL092321.D	Heptachlor epoxide	Abdul	10/14/2024 8:50:41 AM	Ankita	10/14/2024 9:17:27	Peak Integrated by Software
PSTDCCC050	PL092330.D	4,4"-DDD	Abdul	10/14/2024 4:25:22 PM	Ankita	10/14/2024 4:26:32	Peak Integrated by Software

Manual Integration Report

Sequence:	PL101224	Instrument	ECD_I
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PL092330.D	4,4"-DDE #2	Abdul	10/14/2024 4:25:22 PM	Ankita	10/14/2024 4:26:32	Peak Integrated by Software
PSTDCCC050	PL092330.D	Aldrin #2	Abdul	10/14/2024 4:25:22 PM	Ankita	10/14/2024 4:26:32	Peak Integrated by Software
PSTDCCC050	PL092330.D	alpha-Chlordane	Abdul	10/14/2024 4:25:22 PM	Ankita	10/14/2024 4:26:32	Peak Integrated by Software
PSTDCCC050	PL092330.D	delta-BHC #2	Abdul	10/14/2024 4:25:22 PM	Ankita	10/14/2024 4:26:32	Peak Integrated by Software
PSTDCCC050	PL092330.D	Endrin ketone #2	Abdul	10/14/2024 4:25:22 PM	Ankita	10/14/2024 4:26:32	Peak Integrated by Software
PSTDCCC050	PL092330.D	gamma-Chlordane	Abdul	10/14/2024 4:25:22 PM	Ankita	10/14/2024 4:26:32	Peak Integrated by Software
PSTDCCC050	PL092330.D	Heptachlor epoxide	Abdul	10/14/2024 4:25:22 PM	Ankita	10/14/2024 4:26:32	Peak Integrated by Software
PSTDCCC050	PL092330.D	Mirex #2	Abdul	10/14/2024 4:25:22 PM	Ankita	10/14/2024 4:26:32	Peak Integrated by Software
PB164067BL	PL092331.D	Decachlorobiphenyl	Abdul	10/14/2024 8:51:20 AM	Ankita	10/14/2024 9:17:59	Peak Integrated by Software
PB164067BS	PL092332.D	4,4"-DDD	Abdul	10/14/2024 8:51:24 AM	Ankita	10/14/2024 9:18:01	Peak Integrated by Software
PB164067BS	PL092332.D	Endrin	Abdul	10/14/2024 8:51:24 AM	Ankita	10/14/2024 9:18:01	Peak Integrated by Software
P4385-02	PL092334.D	4,4"-DDD	Abdul	10/14/2024 8:51:31 AM	Ankita	10/14/2024 9:18:04	Peak Integrated by Software
P4385-02	PL092334.D	Dieldrin #2	Abdul	10/14/2024 8:51:31 AM	Ankita	10/14/2024 9:18:04	Peak Integrated by Software

Manual Integration Report

Sequence:	PL101224	Instrument	ECD_I
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
P4385-02	PL092334.D	Tetrachloro-m-xylene	Abdul	10/14/2024 8:51:31 AM	Ankita	10/14/2024 9:18:04	Peak Integrated by Software
P4385-04	PL092335.D	4,4"-DDD	Abdul	10/14/2024 8:51:36 AM	Ankita	10/14/2024 9:18:05	Peak Integrated by Software
P4385-04	PL092335.D	Dieldrin	Abdul	10/14/2024 8:51:36 AM	Ankita	10/14/2024 9:18:05	Peak Integrated by Software
P4385-04	PL092335.D	Tetrachloro-m-xylene	Abdul	10/14/2024 8:51:36 AM	Ankita	10/14/2024 9:18:05	Peak Integrated by Software
P4385-04MS	PL092336.D	4,4"-DDD	Abdul	10/14/2024 8:51:40 AM	Ankita	10/14/2024 9:18:07	Peak Integrated by Software
P4385-04MS	PL092336.D	Endrin	Abdul	10/14/2024 8:51:40 AM	Ankita	10/14/2024 9:18:07	Peak Integrated by Software
P4385-04MS	PL092336.D	Endrin ketone	Abdul	10/14/2024 8:51:40 AM	Ankita	10/14/2024 9:18:07	Peak Integrated by Software
P4385-04MS	PL092336.D	Tetrachloro-m-xylene	Abdul	10/14/2024 8:51:40 AM	Ankita	10/14/2024 9:18:07	Peak Integrated by Software
P4385-04MSD	PL092337.D	4,4"-DDD	Abdul	10/14/2024 8:51:44 AM	Ankita	10/14/2024 9:18:08	Peak Integrated by Software
P4385-04MSD	PL092337.D	Endrin	Abdul	10/14/2024 8:51:44 AM	Ankita	10/14/2024 9:18:08	Peak Integrated by Software
P4385-04MSD	PL092337.D	Endrin ketone	Abdul	10/14/2024 8:51:44 AM	Ankita	10/14/2024 9:18:08	Peak Integrated by Software
P4385-04MSD	PL092337.D	Tetrachloro-m-xylene	Abdul	10/14/2024 8:51:44 AM	Ankita	10/14/2024 9:18:08	Peak Integrated by Software
P4385-08	PL092338.D	4,4"-DDD	Abdul	10/14/2024 8:51:47 AM	Ankita	10/14/2024 9:18:09	Peak Integrated by Software

Manual Integration Report

Sequence:	PL101224	Instrument	ECD_I
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
P4385-08	PL092338.D	Dieldrin #2	Abdul	10/14/2024 8:51:47 AM	Ankita	10/14/2024 9:18:09	Peak Integrated by Software
P4385-08	PL092338.D	Tetrachloro-m-xylene	Abdul	10/14/2024 8:51:47 AM	Ankita	10/14/2024 9:18:09	Peak Integrated by Software
P4385-10	PL092339.D	4,4"-DDD	Abdul	10/14/2024 8:51:51 AM	Ankita	10/14/2024 9:18:11	Peak Integrated by Software
P4385-10	PL092339.D	4,4"-DDT #2	Abdul	10/14/2024 8:51:51 AM	Ankita	10/14/2024 9:18:11	Peak Integrated by Software
P4385-10	PL092339.D	beta-BHC	Abdul	10/14/2024 8:51:51 AM	Ankita	10/14/2024 9:18:11	Peak Integrated by Software
P4385-10	PL092339.D	Tetrachloro-m-xylene	Abdul	10/14/2024 8:51:51 AM	Ankita	10/14/2024 9:18:11	Peak Integrated by Software
P4385-14	PL092340.D	4,4"-DDD	Abdul	10/14/2024 8:51:55 AM	Ankita	10/14/2024 9:18:13	Peak Integrated by Software
P4385-14	PL092340.D	4,4"-DDT	Abdul	10/14/2024 8:51:55 AM	Ankita	10/14/2024 9:18:13	Peak Integrated by Software
P4385-14	PL092340.D	alpha-Chlordane #2	Abdul	10/14/2024 8:51:55 AM	Ankita	10/14/2024 9:18:13	Peak Integrated by Software
P4385-14	PL092340.D	Decachlorobiphenyl	Abdul	10/14/2024 8:51:55 AM	Ankita	10/14/2024 9:18:13	Peak Integrated by Software
P4385-14	PL092340.D	gamma-Chlordane	Abdul	10/14/2024 8:51:55 AM	Ankita	10/14/2024 9:18:13	Peak Integrated by Software
P4385-14	PL092340.D	gamma-Chlordane #2	Abdul	10/14/2024 8:51:55 AM	Ankita	10/14/2024 9:18:13	Peak Integrated by Software
P4385-16	PL092341.D	4,4"-DDD	Abdul	10/14/2024 8:51:59 AM	Ankita	10/14/2024 9:18:14	Peak Integrated by Software

Manual Integration Report

Sequence:	PL101224	Instrument	ECD_I
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
P4385-16	PL092341.D	alpha-Chlordane #2	Abdul	10/14/2024 8:51:59 AM	Ankita	10/14/2024 9:18:14	Peak Integrated by Software
P4385-16	PL092341.D	gamma-Chlordane	Abdul	10/14/2024 8:51:59 AM	Ankita	10/14/2024 9:18:14	Peak Integrated by Software
P4385-16	PL092341.D	gamma-Chlordane #2	Abdul	10/14/2024 8:51:59 AM	Ankita	10/14/2024 9:18:14	Peak Integrated by Software
P4385-20	PL092342.D	4,4"-DDD	Abdul	10/14/2024 4:25:24 PM	Ankita	10/14/2024 4:26:43	Peak Integrated by Software
P4385-20	PL092342.D	4,4"-DDE #2	Abdul	10/14/2024 4:25:24 PM	Ankita	10/14/2024 4:26:43	Peak Integrated by Software
P4385-20	PL092342.D	alpha-Chlordane	Abdul	10/14/2024 4:25:24 PM	Ankita	10/14/2024 4:26:43	Peak Integrated by Software
P4385-20	PL092342.D	alpha-Chlordane #2	Abdul	10/14/2024 4:25:24 PM	Ankita	10/14/2024 4:26:43	Peak Integrated by Software
P4385-20	PL092342.D	gamma-Chlordane	Abdul	10/14/2024 4:25:24 PM	Ankita	10/14/2024 4:26:43	Peak Integrated by Software
P4385-20	PL092342.D	gamma-Chlordane #2	Abdul	10/14/2024 4:25:24 PM	Ankita	10/14/2024 4:26:43	Peak Integrated by Software
P4385-20	PL092342.D	Tetrachloro-m-xylene	Abdul	10/14/2024 4:25:24 PM	Ankita	10/14/2024 4:26:43	Peak Integrated by Software
P4385-06	PL092343.D	4,4"-DDD	Abdul	10/14/2024 8:52:09 AM	Ankita	10/14/2024 9:18:17	Peak Integrated by Software
P4385-06	PL092343.D	Dieldrin	Abdul	10/14/2024 8:52:09 AM	Ankita	10/14/2024 9:18:17	Peak Integrated by Software
P4385-06	PL092343.D	Dieldrin #2	Abdul	10/14/2024 8:52:09 AM	Ankita	10/14/2024 9:18:17	Peak Integrated by Software

Manual Integration Report

Sequence:	PL101224	Instrument	ECD_I
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
P4385-06	PL092343.D	Tetrachloro-m-xylene	Abdul	10/14/2024 8:52:09 AM	Ankita	10/14/2024 9:18:17	Peak Integrated by Software
P4385-18	PL092344.D	4,4"-DDD	Abdul	10/14/2024 4:25:26 PM	Ankita	10/14/2024 4:26:45	Peak Integrated by Software
P4385-18	PL092344.D	4,4"-DDE #2	Abdul	10/14/2024 4:25:26 PM	Ankita	10/14/2024 4:26:45	Peak Integrated by Software
P4385-18	PL092344.D	alpha-Chlordane	Abdul	10/14/2024 4:25:26 PM	Ankita	10/14/2024 4:26:45	Peak Integrated by Software
P4385-18	PL092344.D	alpha-Chlordane #2	Abdul	10/14/2024 4:25:26 PM	Ankita	10/14/2024 4:26:45	Peak Integrated by Software
P4385-18	PL092344.D	Decachlorobiphenyl	Abdul	10/14/2024 4:25:26 PM	Ankita	10/14/2024 4:26:45	Peak Integrated by Software
P4385-18	PL092344.D	Dieldrin	Abdul	10/14/2024 4:25:26 PM	Ankita	10/14/2024 4:26:45	Peak Integrated by Software
P4385-18	PL092344.D	Dieldrin #2	Abdul	10/14/2024 4:25:26 PM	Ankita	10/14/2024 4:26:45	Peak Integrated by Software
P4385-18	PL092344.D	gamma-Chlordane	Abdul	10/14/2024 4:25:26 PM	Ankita	10/14/2024 4:26:45	Peak Integrated by Software
P4385-18	PL092344.D	gamma-Chlordane #2	Abdul	10/14/2024 4:25:26 PM	Ankita	10/14/2024 4:26:45	Peak Integrated by Software
P4385-18	PL092344.D	Heptachlor epoxide	Abdul	10/14/2024 4:25:26 PM	Ankita	10/14/2024 4:26:45	Peak Integrated by Software
P4385-18	PL092344.D	Tetrachloro-m-xylene	Abdul	10/14/2024 4:25:26 PM	Ankita	10/14/2024 4:26:45	Peak Integrated by Software
P4385-12	PL092345.D	4,4"-DDD	Abdul	10/14/2024 4:25:29 PM	Ankita	10/14/2024 4:26:47	Peak Integrated by Software

Manual Integration Report

Sequence:	PL101224	Instrument	ECD_I
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
P4385-12	PL092345.D	4,4"-DDT	Abdul	10/14/2024 4:25:29 PM	Ankita	10/14/2024 4:26:47	Peak Integrated by Software
P4385-12	PL092345.D	alpha-Chlordane	Abdul	10/14/2024 4:25:29 PM	Ankita	10/14/2024 4:26:47	Peak Integrated by Software
P4385-12	PL092345.D	alpha-Chlordane #2	Abdul	10/14/2024 4:25:29 PM	Ankita	10/14/2024 4:26:47	Peak Integrated by Software
P4385-12	PL092345.D	Dieldrin	Abdul	10/14/2024 4:25:29 PM	Ankita	10/14/2024 4:26:47	Peak Integrated by Software
P4385-12	PL092345.D	Dieldrin #2	Abdul	10/14/2024 4:25:29 PM	Ankita	10/14/2024 4:26:47	Peak Integrated by Software
P4385-12	PL092345.D	gamma-Chlordane	Abdul	10/14/2024 4:25:29 PM	Ankita	10/14/2024 4:26:47	Peak Integrated by Software
P4385-12	PL092345.D	gamma-Chlordane #2	Abdul	10/14/2024 4:25:29 PM	Ankita	10/14/2024 4:26:47	Peak Integrated by Software
P4385-12	PL092345.D	Tetrachloro-m-xylene	Abdul	10/14/2024 4:25:29 PM	Ankita	10/14/2024 4:26:47	Peak Integrated by Software
I.BLK	PL092346.D	Decachlorobiphenyl	Abdul	10/14/2024 8:52:36 AM	Ankita	10/14/2024 9:18:22	Peak Integrated by Software
PSTDCCC050	PL092347.D	4,4"-DDD	Abdul	10/14/2024 8:52:18 AM	Ankita	10/14/2024 9:18:24	Peak Integrated by Software
PSTDCCC050	PL092347.D	4,4"-DDE #2	Abdul	10/14/2024 8:52:18 AM	Ankita	10/14/2024 9:18:24	Peak Integrated by Software
PSTDCCC050	PL092347.D	Aldrin #2	Abdul	10/14/2024 8:52:18 AM	Ankita	10/14/2024 9:18:24	Peak Integrated by Software
PSTDCCC050	PL092347.D	Endrin	Abdul	10/14/2024 8:52:18 AM	Ankita	10/14/2024 9:18:24	Peak Integrated by Software



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

Manual Integration Report

Sequence:	PL101224	Instrument	ECD_I
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PL092347.D	gamma-Chlordane	Abdul	10/14/2024 8:52:18 AM	Ankita	10/14/2024 9:18:24	Peak Integrated by Software

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL092324

Review By	Abdul	Review On	9/24/2024 9:27:05 AM
Supervise By	Ankita	Supervise On	9/24/2024 11:07:44 AM
SubDirectory	PL092324	HP Acquire Method	HP Processing Method pl092324 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP23282,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	PL091952.D	23 Sep 2024 10:38	AR\AJ	Ok
2	I.BLK	PL091953.D	23 Sep 2024 10:52	AR\AJ	Ok
3	PEM	PL091954.D	23 Sep 2024 11:05	AR\AJ	Ok,M
4	RESCHK	PL091955.D	23 Sep 2024 11:19	AR\AJ	Ok
5	PSTDICC100	PL091956.D	23 Sep 2024 11:32	AR\AJ	Ok
6	PSTDICC075	PL091957.D	23 Sep 2024 11:45	AR\AJ	Ok
7	PSTDICC050	PL091958.D	23 Sep 2024 11:59	AR\AJ	Ok
8	PSTDICC025	PL091959.D	23 Sep 2024 12:12	AR\AJ	Ok,M
9	PSTDICC005	PL091960.D	23 Sep 2024 12:26	AR\AJ	Ok,M
10	PCHLORICC1000	PL091961.D	23 Sep 2024 12:39	AR\AJ	Ok
11	PCHLORICC750	PL091962.D	23 Sep 2024 12:52	AR\AJ	Ok
12	PCHLORICC500	PL091963.D	23 Sep 2024 13:06	AR\AJ	Ok
13	PCHLORICC250	PL091964.D	23 Sep 2024 13:19	AR\AJ	Ok
14	PCHLORICC050	PL091965.D	23 Sep 2024 13:33	AR\AJ	Ok
15	PTOXICC1000	PL091966.D	23 Sep 2024 13:46	AR\AJ	Ok
16	PTOXICC750	PL091967.D	23 Sep 2024 13:59	AR\AJ	Ok
17	PTOXICC500	PL091968.D	23 Sep 2024 14:13	AR\AJ	Ok
18	PTOXICC250	PL091969.D	23 Sep 2024 14:26	AR\AJ	Ok
19	PTOXICC100	PL091970.D	23 Sep 2024 14:40	AR\AJ	Ok,M
20	PSTDICV050	PL091971.D	23 Sep 2024 14:53	AR\AJ	Ok
21	PCHLORICV500	PL091972.D	23 Sep 2024 15:20	AR\AJ	Ok

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL092324

Review By	Abdul	Review On	9/24/2024 9:27:05 AM
Supervise By	Ankita	Supervise On	9/24/2024 11:07:44 AM
SubDirectory	PL092324	HP Acquire Method	HP Processing Method pl092324 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP23282,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	PL091973.D	23 Sep 2024 15:47	AR\AJ	Ok
23	I.BLK	PL091974.D	23 Sep 2024 16:13	AR\AJ	Ok
24	PEM	PL091975.D	23 Sep 2024 16:27	AR\AJ	Ok,M
25	PSTDCCC050	PL091976.D	23 Sep 2024 16:40	AR\AJ	Ok,M
26	PB163572BL	PL091977.D	23 Sep 2024 16:54	AR\AJ	Ok
27	PB163572BS	PL091978.D	23 Sep 2024 17:07	AR\AJ	Ok,M
28	P4103-02	PL091979.D	23 Sep 2024 17:20	AR\AJ	Ok,M
29	P4103-02MS	PL091980.D	23 Sep 2024 17:34	AR\AJ	Ok,M
30	P4103-02MSD	PL091981.D	23 Sep 2024 17:47	AR\AJ	Ok,M
31	P4103-05	PL091982.D	23 Sep 2024 18:01	AR\AJ	Ok
32	P4103-08	PL091983.D	23 Sep 2024 18:14	AR\AJ	Ok,M
33	P4103-11	PL091984.D	23 Sep 2024 18:28	AR\AJ	Ok,M
34	P4103-14	PL091985.D	23 Sep 2024 18:41	AR\AJ	Ok,M
35	P4103-17	PL091986.D	23 Sep 2024 18:55	AR\AJ	Ok,M
36	PB163511TB	PL091987.D	23 Sep 2024 19:08	AR\AJ	Ok,M
37	I.BLK	PL091988.D	23 Sep 2024 19:21	AR\AJ	Ok,M
38	PSTDCCC050	PL091989.D	23 Sep 2024 19:35	AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL101224

Review By	Abdul	Review On	10/14/2024 8:53:28 AM
Supervise By	Ankita	Supervise On	10/14/2024 9:18:39 AM
SubDirectory	PL101224	HP Acquire Method	HP Processing Method pl092324 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP23282,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	PL092318.D	11 Oct 2024 08:29	AR\AJ	Ok
2	I.BLK	PL092319.D	11 Oct 2024 08:42	AR\AJ	Ok
3	PEM	PL092320.D	11 Oct 2024 08:56	AR\AJ	Ok,M
4	PSTDCCC050	PL092321.D	11 Oct 2024 09:09	AR\AJ	Ok,M
5	PB164033BL	PL092322.D	11 Oct 2024 09:23	AR\AJ	Ok,M
6	P4368-01	PL092323.D	11 Oct 2024 09:36	AR\AJ	Ok,M
7	P4368-07	PL092324.D	11 Oct 2024 10:12	AR\AJ	Ok,M
8	P4368-01	PL092325.D	11 Oct 2024 10:29	AR\AJ	Ok,M
9	P4368-07	PL092326.D	11 Oct 2024 10:49	AR\AJ	Ok,M
10	P4368-02	PL092327.D	11 Oct 2024 11:10	AR\AJ	Ok,M
11	P4368-08	PL092328.D	11 Oct 2024 11:23	AR\AJ	Ok,M
12	I.BLK	PL092329.D	11 Oct 2024 11:40	AR\AJ	Ok
13	PSTDCCC050	PL092330.D	11 Oct 2024 11:54	AR\AJ	Ok,M
14	PB164067BL	PL092331.D	11 Oct 2024 13:24	AR\AJ	Ok,M
15	PB164067BS	PL092332.D	11 Oct 2024 13:37	AR\AJ	Ok,M
16	P4258-03	PL092333.D	11 Oct 2024 13:51	AR\AJ	Ok,M
17	P4385-02	PL092334.D	11 Oct 2024 14:04	AR\AJ	Ok,M
18	P4385-04	PL092335.D	11 Oct 2024 14:17	AR\AJ	Ok,M
19	P4385-04MS	PL092336.D	11 Oct 2024 14:31	AR\AJ	Ok,M
20	P4385-04MSD	PL092337.D	11 Oct 2024 14:44	AR\AJ	Ok,M
21	P4385-08	PL092338.D	11 Oct 2024 14:58	AR\AJ	Ok,M

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL101224

Review By	Abdul	Review On	10/14/2024 8:53:28 AM
Supervise By	Ankita	Supervise On	10/14/2024 9:18:39 AM
SubDirectory	PL101224	HP Acquire Method	HP Processing Method pl092324 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP23282,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	P4385-10	PL092339.D	11 Oct 2024 15:11	AR\AJ	Ok,M
23	P4385-14	PL092340.D	11 Oct 2024 15:25	AR\AJ	Ok,M
24	P4385-16	PL092341.D	11 Oct 2024 15:38	AR\AJ	Ok,M
25	P4385-20	PL092342.D	11 Oct 2024 15:52	AR\AJ	Ok,M
26	P4385-06	PL092343.D	11 Oct 2024 16:32	AR\AJ	Ok,M
27	P4385-18	PL092344.D	11 Oct 2024 16:59	AR\AJ	Ok,M
28	P4385-12	PL092345.D	11 Oct 2024 17:18	AR\AJ	Ok,M
29	I.BLK	PL092346.D	11 Oct 2024 17:31	AR\AJ	Ok,M
30	PSTDCCC050	PL092347.D	11 Oct 2024 17:48	AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL092324

Review By	Abdul	Review On	9/24/2024 9:27:05 AM
Supervise By	Ankita	Supervise On	9/24/2024 11:07:44 AM
SubDirectory	PL092324	HP Acquire Method	HP Processing Method pl092324 8081

STD. NAME	STD REF.#
Tune/Reschk	PP23282,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	PL091952.D	23 Sep 2024 10:38		AR\AJ	Ok
2	I.BLK	I.BLK	PL091953.D	23 Sep 2024 10:52		AR\AJ	Ok
3	PEM	PEM	PL091954.D	23 Sep 2024 11:05		AR\AJ	Ok,M
4	RESCHK	RESCHK	PL091955.D	23 Sep 2024 11:19		AR\AJ	Ok
5	PSTDICC100	PSTDICC100	PL091956.D	23 Sep 2024 11:32		AR\AJ	Ok
6	PSTDICC075	PSTDICC075	PL091957.D	23 Sep 2024 11:45		AR\AJ	Ok
7	PSTDICC050	PSTDICC050	PL091958.D	23 Sep 2024 11:59		AR\AJ	Ok
8	PSTDICC025	PSTDICC025	PL091959.D	23 Sep 2024 12:12		AR\AJ	Ok,M
9	PSTDICC005	PSTDICC005	PL091960.D	23 Sep 2024 12:26		AR\AJ	Ok,M
10	PCHLORICC1000	PCHLORICC1000	PL091961.D	23 Sep 2024 12:39		AR\AJ	Ok
11	PCHLORICC750	PCHLORICC750	PL091962.D	23 Sep 2024 12:52		AR\AJ	Ok
12	PCHLORICC500	PCHLORICC500	PL091963.D	23 Sep 2024 13:06		AR\AJ	Ok
13	PCHLORICC250	PCHLORICC250	PL091964.D	23 Sep 2024 13:19		AR\AJ	Ok
14	PCHLORICC050	PCHLORICC050	PL091965.D	23 Sep 2024 13:33		AR\AJ	Ok
15	PTOXICC1000	PTOXICC1000	PL091966.D	23 Sep 2024 13:46		AR\AJ	Ok
16	PTOXICC750	PTOXICC750	PL091967.D	23 Sep 2024 13:59		AR\AJ	Ok
17	PTOXICC500	PTOXICC500	PL091968.D	23 Sep 2024 14:13		AR\AJ	Ok
18	PTOXICC250	PTOXICC250	PL091969.D	23 Sep 2024 14:26		AR\AJ	Ok

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL092324

Review By	Abdul	Review On	9/24/2024 9:27:05 AM
Supervise By	Ankita	Supervise On	9/24/2024 11:07:44 AM
SubDirectory	PL092324	HP Acquire Method	HP Processing Method
			pl092324 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP23282,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	PL091970.D	23 Sep 2024 14:40		AR\AJ	Ok,M
20	PSTDICV050	ICVPL092324	PL091971.D	23 Sep 2024 14:53		AR\AJ	Ok
21	PCHLORICV500	ICVPL092324CHLOR	PL091972.D	23 Sep 2024 15:20		AR\AJ	Ok
22	PTOXICV500	ICVPL092324TOX	PL091973.D	23 Sep 2024 15:47		AR\AJ	Ok
23	I.BLK	I.BLK	PL091974.D	23 Sep 2024 16:13		AR\AJ	Ok
24	PEM	PEM	PL091975.D	23 Sep 2024 16:27		AR\AJ	Ok,M
25	PSTDCCC050	PSTDCCC050	PL091976.D	23 Sep 2024 16:40		AR\AJ	Ok,M
26	PB163572BL	PB163572BL	PL091977.D	23 Sep 2024 16:54		AR\AJ	Ok
27	PB163572BS	PB163572BS	PL091978.D	23 Sep 2024 17:07		AR\AJ	Ok,M
28	P4103-02	WC-22A	PL091979.D	23 Sep 2024 17:20	TCMX low 1st column	AR\AJ	Ok,M
29	P4103-02MS	WC-22AMS	PL091980.D	23 Sep 2024 17:34	TCMX low 1st column	AR\AJ	Ok,M
30	P4103-02MSD	WC-22AMSD	PL091981.D	23 Sep 2024 17:47	TCMX low 1st column	AR\AJ	Ok,M
31	P4103-05	WC-14-5-7.5A	PL091982.D	23 Sep 2024 18:01		AR\AJ	Ok
32	P4103-08	WC-14-5-7.5B	PL091983.D	23 Sep 2024 18:14		AR\AJ	Ok,M
33	P4103-11	WC-14-7.5-10A	PL091984.D	23 Sep 2024 18:28		AR\AJ	Ok,M
34	P4103-14	WC-14-7.5-10B	PL091985.D	23 Sep 2024 18:41		AR\AJ	Ok,M
35	P4103-17	WC-23	PL091986.D	23 Sep 2024 18:55		AR\AJ	Ok,M
36	PB163511TB	PB163511TB	PL091987.D	23 Sep 2024 19:08		AR\AJ	Ok,M
37	I.BLK	I.BLK	PL091988.D	23 Sep 2024 19:21		AR\AJ	Ok,M

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL092324

Review By	Abdul	Review On	9/24/2024 9:27:05 AM
Supervise By	Ankita	Supervise On	9/24/2024 11:07:44 AM
SubDirectory	PL092324	HP Acquire Method	HP Processing Method pl092324 8081

STD. NAME	STD REF.#
Tune/Reschk	PP23282,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	PL091989.D	23 Sep 2024 19:35		ARIAJ	Ok,M
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M : Manual Integration

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL101224

Review By	Abdul	Review On	10/14/2024 8:53:28 AM
Supervise By	Ankita	Supervise On	10/14/2024 9:18:39 AM
SubDirectory	PL101224	HP Acquire Method	HP Processing Method p1092324 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP23282,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	PL092318.D	11 Oct 2024 08:29		AR\AJ	Ok
2	I.BLK	I.BLK	PL092319.D	11 Oct 2024 08:42		AR\AJ	Ok
3	PEM	PEM	PL092320.D	11 Oct 2024 08:56		AR\AJ	Ok,M
4	PSTDCCC050	PSTDCCC050	PL092321.D	11 Oct 2024 09:09		AR\AJ	Ok,M
5	PB164033BL	PB164033BL	PL092322.D	11 Oct 2024 09:23		AR\AJ	Ok,M
6	P4368-01	LOD-MDL-SOIL-01-QT	PL092323.D	11 Oct 2024 09:36	PEST LOD 1PPB SOIL	AR\AJ	Ok,M
7	P4368-07	LOD-MDL-WATER-01-Q	PL092324.D	11 Oct 2024 10:12	PEST LOD 1PPB WATER	AR\AJ	Ok,M
8	P4368-01	LOD-MDL-SOIL-01-QT	PL092325.D	11 Oct 2024 10:29	PEST LOD 2.5PPB SOIL	AR\AJ	Ok,M
9	P4368-07	LOD-MDL-WATER-01-Q	PL092326.D	11 Oct 2024 10:49	PEST LOD 2.5PPB WATER	AR\AJ	Ok,M
10	P4368-02	LOQ-SOIL-02-QT4-202	PL092327.D	11 Oct 2024 11:10	PEST LOQ 5PPB SOIL	AR\AJ	Ok,M
11	P4368-08	LOQ-WATER-02-QT4-2	PL092328.D	11 Oct 2024 11:23	PEST LOQ 5PPB WATER	AR\AJ	Ok,M
12	I.BLK	I.BLK	PL092329.D	11 Oct 2024 11:40		AR\AJ	Ok
13	PSTDCCC050	PSTDCCC050	PL092330.D	11 Oct 2024 11:54		AR\AJ	Ok,M
14	PB164067BL	PB164067BL	PL092331.D	11 Oct 2024 13:24		AR\AJ	Ok,M
15	PB164067BS	PB164067BS	PL092332.D	11 Oct 2024 13:37		AR\AJ	Ok,M
16	P4258-03	Chamberlain Ave	PL092333.D	11 Oct 2024 13:51		AR\AJ	Ok,M
17	P4385-02	SP-1	PL092334.D	11 Oct 2024 14:04		AR\AJ	Ok,M
18	P4385-04	SP-2	PL092335.D	11 Oct 2024 14:17		AR\AJ	Ok,M

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL101224

Review By	Abdul	Review On	10/14/2024 8:53:28 AM
Supervise By	Ankita	Supervise On	10/14/2024 9:18:39 AM
SubDirectory	PL101224	HP Acquire Method	HP Processing Method pl092324 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP23282,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	P4385-04MS	SP-2MS	PL092336.D	11 Oct 2024 14:31	4,4-DDE, 4,4-DDT Recovery Fail	AR\AJ	Ok,M
20	P4385-04MSD	SP-2MSD	PL092337.D	11 Oct 2024 14:44	4,4-DDE, 4,4-DDT Recovery Fail	AR\AJ	Ok,M
21	P4385-08	SP-4	PL092338.D	11 Oct 2024 14:58		AR\AJ	Ok,M
22	P4385-10	SP-5	PL092339.D	11 Oct 2024 15:11		AR\AJ	Ok,M
23	P4385-14	SP-7	PL092340.D	11 Oct 2024 15:25		AR\AJ	Ok,M
24	P4385-16	SP-8	PL092341.D	11 Oct 2024 15:38		AR\AJ	Ok,M
25	P4385-20	SP-10	PL092342.D	11 Oct 2024 15:52		AR\AJ	Ok,M
26	P4385-06	SP-3	PL092343.D	11 Oct 2024 16:32		AR\AJ	Ok,M
27	P4385-18	SP-9	PL092344.D	11 Oct 2024 16:59		AR\AJ	Ok,M
28	P4385-12	SP-6	PL092345.D	11 Oct 2024 17:18		AR\AJ	Ok,M
29	I.BLK	I.BLK	PL092346.D	11 Oct 2024 17:31		AR\AJ	Ok,M
30	PSTDCCC050	PSTDCCC050	PL092347.D	11 Oct 2024 17:48		AR\AJ	Ok,M

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/11/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 10/10/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:18
Out Date: 10/11/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB132870

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
P4375-01	CONCRETE-PADS-1	1	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
P4375-03	CONCRETE-PADS-2	2	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
P4375-05	CONCRETE-PADS-3	3	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
P4375-07	CONCRETE-PADS-4	4	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
P4375-09	CONCRETE-PADS-5	5	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
P4375-11	CONCRETE-PADS-6	6	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
P4375-13	CONCRETE-PADS-7	7	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
P4375-15	CONCRETE-PADS-8	8	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
P4375-17	CONCRETE-PADS-9	9	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
P4375-19	CONCRETE-PADS-10	10	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
P4375-21	CONCRETE-PADS-11	11	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
P4375-23	FENCE-POST-1	12	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
P4375-25	FENCE-POST-2	13	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
P4375-27	FENCE-POST-3	14	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
P4376-01	OR-02-100924	15	1.18	8.51	9.69	9.25	94.8	
P4376-02	OR-02-100924-E2	16	1.18	8.51	9.69	9.07	92.7	
P4377-01	HD-01-100924	17	1.17	8.53	9.7	8.9	90.6	
P4377-02	HD-01-100924-E2	18	1.15	8.83	9.98	9.03	89.2	
P4381-01	AT030P-SD04-100724-00	19	1.15	8.79	9.94	4.03	32.8	
P4381-02	AT030P-SD01-100724-00	20	1.15	8.70	9.85	8.44	83.8	
P4381-03	AT030P-SD02-100724-00	21	1.16	8.51	9.67	3.62	28.9	
P4383-01	34828	22	1.00	1.00	2.00	2.00	100.0	wipe sample
P4383-02	34829	23	1.00	1.00	2.00	2.00	100.0	wipe sample
P4383-03	34830	24	1.00	1.00	2.00	2.00	100.0	wipe sample
P4385-01	SP-1	25	1.17	8.60	9.77	9.15	92.8	
P4385-02	SP-1	26	1.14	8.48	9.62	9.06	93.4	
P4385-03	SP-2	27	1.15	8.41	9.56	9.09	94.4	
P4385-04	SP-2	28	1.18	8.39	9.57	9.15	95.0	



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/11/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 10/10/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:18
Out Date: 10/11/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB132870

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
P4385-05	SP-3	29	1.18	8.50	9.68	9.35	96.1	
P4385-06	SP-3	30	1.15	8.64	9.79	9.28	94.1	
P4385-07	SP-4	31	1.14	8.43	9.57	9.44	98.5	
P4385-08	SP-4	32	1.19	8.44	9.63	9.55	99.1	
P4385-09	SP-5	33	1.15	8.68	9.83	9.28	93.7	
P4385-10	SP-5	34	1.15	8.51	9.66	9.1	93.4	
P4385-11	SP-6	35	1.14	8.44	9.58	9.04	93.6	
P4385-12	SP-6	36	1.17	8.53	9.7	9.1	93.0	
P4385-13	SP-7	37	1.12	8.73	9.85	9.31	93.8	
P4385-14	SP-7	38	1.18	8.77	9.95	9.41	93.8	
P4385-15	SP-8	39	1.18	8.62	9.8	9.32	94.4	
P4385-16	SP-8	40	1.17	8.46	9.63	9.15	94.3	
P4385-17	SP-9	41	1.15	8.61	9.76	9.19	93.4	
P4385-18	SP-9	42	1.18	8.53	9.71	9.15	93.4	
P4385-19	SP-10	43	1.19	8.53	9.72	9.18	93.7	
P4385-20	SP-10	44	1.18	8.55	9.73	9.25	94.4	

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

WORKLIST(Hardcopy Internal Chain)

132870

WorkList Name : %1-101024 WorkList ID : 184301 Department : Wet-Chemistry Date : 10-10-2024 08:32:00

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4375-01	CONCRETE-PADS-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	K21	10/09/2024	Chemtech -SO
P4375-03	CONCRETE-PADS-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K21	10/09/2024	Chemtech -SO
P4375-05	CONCRETE-PADS-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	K21	10/09/2024	Chemtech -SO
P4375-07	CONCRETE-PADS-4	Solid	Percent Solids	Cool 4 deg C	PSEG03	K21	10/09/2024	Chemtech -SO
P4375-09	CONCRETE-PADS-5	Solid	Percent Solids	Cool 4 deg C	PSEG03	K21	10/09/2024	Chemtech -SO
P4375-11	CONCRETE-PADS-6	Solid	Percent Solids	Cool 4 deg C	PSEG03	K21	10/09/2024	Chemtech -SO
P4375-13	CONCRETE-PADS-7	Solid	Percent Solids	Cool 4 deg C	PSEG03	K21	10/09/2024	Chemtech -SO
P4375-15	CONCRETE-PADS-8	Solid	Percent Solids	Cool 4 deg C	PSEG03	K21	10/09/2024	Chemtech -SO
P4375-17	CONCRETE-PADS-9	Solid	Percent Solids	Cool 4 deg C	PSEG03	K21	10/09/2024	Chemtech -SO
P4375-19	CONCRETE-PADS-10	Solid	Percent Solids	Cool 4 deg C	PSEG03	K21	10/09/2024	Chemtech -SO
P4375-21	CONCRETE-PADS-11	Solid	Percent Solids	Cool 4 deg C	PSEG03	K21	10/09/2024	Chemtech -SO
P4375-23	FENCE-POST-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	K21	10/09/2024	Chemtech -SO
P4375-25	FENCE-POST-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K21	10/09/2024	Chemtech -SO
P4375-27	FENCE-POST-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	K21	10/09/2024	Chemtech -SO
P4376-01	OR-02-100924	Solid	Percent Solids	Cool 4 deg C	PSEG05	K21	10/09/2024	Chemtech -SO
P4376-02	OR-02-100924-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	K21	10/09/2024	Chemtech -SO
P4377-01	HD-01-100924	Solid	Percent Solids	Cool 4 deg C	PSEG05	K21	10/09/2024	Chemtech -SO
P4377-02	HD-01-100924-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	K21	10/09/2024	Chemtech -SO
P4381-01	AT030P-SD04-100724-00	Solid	Percent Solids	Cool 4 deg C	WEST04	K22	10/07/2024	Chemtech -SO
P4381-02	AT030P-SD01-100724-00	Solid	Percent Solids	Cool 4 deg C	WEST04	K22	10/07/2024	Chemtech -SO
P4381-03	AT030P-SD02-100724-00	Solid	Percent Solids	Cool 4 deg C	WEST04	K22	10/07/2024	Chemtech -SO

Date/Time 10/10/24 15:30 Date/Time 10/10/24 17:20
Raw Sample Received by: JWC Raw Sample Received by: JDCSM
Raw Sample Relinquished by: JWC Raw Sample Relinquished by: JDCSM

WORKLIST(Hardcopy Internal Chain)

132870

WorkList Name : %1-101024 WorkList ID : 184301 Department : Wet-Chemistry Date : 10-10-2024 08:32:00

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4383-01	34828	Solid	Percent Solids	Cool 4 deg C	PSEG03	K23	10/10/2024	Chemtech -SO
P4383-02	34829	Solid	Percent Solids	Cool 4 deg C	PSEG03	K23	10/10/2024	Chemtech -SO
P4383-03	34830	Solid	Percent Solids	Cool 4 deg C	PSEG03	K23	10/10/2024	Chemtech -SO
P4385-01	SP-1	Solid	Percent Solids	Cool 4 deg C	SCHE03	K51	10/10/2024	Chemtech -SO
P4385-02	SP-1	Solid	Percent Solids	Cool 4 deg C	SCHE03	K51	10/10/2024	Chemtech -SO
P4385-03	SP-2	Solid	Percent Solids	Cool 4 deg C	SCHE03	K51	10/10/2024	Chemtech -SO
P4385-04	SP-2	Solid	Percent Solids	Cool 4 deg C	SCHE03	K51	10/10/2024	Chemtech -SO
P4385-05	SP-3	Solid	Percent Solids	Cool 4 deg C	SCHE03	K51	10/10/2024	Chemtech -SO
P4385-06	SP-3	Solid	Percent Solids	Cool 4 deg C	SCHE03	K51	10/10/2024	Chemtech -SO
P4385-07	SP-4	Solid	Percent Solids	Cool 4 deg C	SCHE03	K51	10/10/2024	Chemtech -SO
P4385-08	SP-4	Solid	Percent Solids	Cool 4 deg C	SCHE03	K51	10/10/2024	Chemtech -SO
P4385-09	SP-5	Solid	Percent Solids	Cool 4 deg C	SCHE03	K51	10/10/2024	Chemtech -SO
P4385-10	SP-5	Solid	Percent Solids	Cool 4 deg C	SCHE03	K51	10/10/2024	Chemtech -SO
P4385-11	SP-6	Solid	Percent Solids	Cool 4 deg C	SCHE03	K51	10/10/2024	Chemtech -SO
P4385-12	SP-6	Solid	Percent Solids	Cool 4 deg C	SCHE03	K51	10/10/2024	Chemtech -SO
P4385-13	SP-7	Solid	Percent Solids	Cool 4 deg C	SCHE03	K51	10/10/2024	Chemtech -SO
P4385-14	SP-7	Solid	Percent Solids	Cool 4 deg C	SCHE03	K51	10/10/2024	Chemtech -SO
P4385-15	SP-8	Solid	Percent Solids	Cool 4 deg C	SCHE03	K51	10/10/2024	Chemtech -SO
P4385-16	SP-8	Solid	Percent Solids	Cool 4 deg C	SCHE03	K51	10/10/2024	Chemtech -SO
P4385-17	SP-9	Solid	Percent Solids	Cool 4 deg C	SCHE03	K51	10/10/2024	Chemtech -SO
P4385-18	SP-9	Solid	Percent Solids	Cool 4 deg C	SCHE03	K51	10/10/2024	Chemtech -SO

Date/Time 10/10/24 15:30 Date/Time 10/10/24 17:20
 Raw Sample Received by: JD CSM Raw Sample Received by: JD CSM
 Raw Sample Relinquished by: JD CSM Raw Sample Relinquished by: JD CSM

WORKLIST(Hardcopy Internal Chain)

✓ 132870

WorkList Name : %1-101024 WorkList ID : 184301 Department : Wet-Chemistry Date : 10-10-2024 08:32:00

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4385-19	SP-10	Solid	Percent Solids	Cool 4 deg C	SCHE03	K51	10/10/2024	Chemtech -SO
P4385-20	SP-10	Solid	Percent Solids	Cool 4 deg C	SCHE03	K51	10/10/2024	Chemtech -SO

Date/Time 10/10/24 15:30
Raw Sample Received by: JDCSM
Raw Sample Relinquished by: JDCSM

Date/Time 10/10/24 17:20
Raw Sample Received by: JDCSM
Raw Sample Relinquished by: JDCSM

SOP ID: M3541-ASE Extraction-14

Clean Up SOP #: Florisil

Matrix : Solid

Weigh By: EH **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 ☐ Continous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☒ Soxhlet

Extraction Start Date : 10/11/2024

Extraction Start Time : 09:00

Extraction End Date : 10/11/2024

Extraction End Time : 12:00

Concentration By: EH

Supervisor By : rajesh

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	500 PPB	PP23638
Surrogate	1.0ML	200 PPB	PP23641
MDL	0.1ML	N/A 100 PPB	PP23502
MDL 1	0.25ML	1000 PPB	PP23504
MDL 2	0.5ML	1000 PPB	PP23533

Chemical Used	ML/SAMPLE USED	Lot Number
Hexane/Acetone/1:1	N/A	EP2539
Baked Na2SO4	N/A	EP2543
Sand	N/A	E2865
Hexane	N/A	E3816
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
10/11/24 12:05	RP (Ext Lab)	AJL RST PCR Lab
	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 10/11/2024

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB164067BL	PBLK067	Pesticide-TCL	30.03	N/A	ritesh	Evelyn	10			U7-1
PB164067BS	PLCS067	Pesticide-TCL	30.01	N/A	ritesh	Evelyn	10			2
P4258-03	CHAMBERLAIN AVE	Pesticide-TCL	30.06	N/A	ritesh	Evelyn	10	A		3
P4368-03	MDL-SOIL-03-QT4-2024	Pesticide-TCL	30.02	N/A	ritesh	Evelyn	10			4
P4385-02	SP-1	Pesticide-TCL	30.04	N/A	ritesh	Evelyn	10	B		5
P4385-04	SP-2	Pesticide-TCL	30.07	N/A	ritesh	Evelyn	10	B		6
P4385-04MS	SP-2MS	Pesticide-TCL	30.08	N/A	ritesh	Evelyn	10	B		U5-1
P4385-04MS D	SP-2MSD	Pesticide-TCL	30.06	N/A	ritesh	Evelyn	10	B		2
P4385-06	SP-3	Pesticide-TCL	30.05	N/A	ritesh	Evelyn	10	B		3
P4385-08	SP-4	Pesticide-TCL	30.03	N/A	ritesh	Evelyn	10	B		4
P4385-10	SP-5	Pesticide-TCL	30.01	N/A	ritesh	Evelyn	10	B		5
P4385-12	SP-6	Pesticide-TCL	30.10	N/A	ritesh	Evelyn	10	B		6
P4385-14	SP-7	Pesticide-TCL	30.04	N/A	ritesh	Evelyn	10	B		U1-1
P4385-16	SP-8	Pesticide-TCL	30.06	N/A	ritesh	Evelyn	10	B		2
P4385-18	SP-9	Pesticide-TCL	30.02	N/A	ritesh	Evelyn	10	B		3
P4385-20	SP-10	Pesticide-TCL	30.05	N/A	ritesh	Evelyn	10	B		4
0.25mL	CHLOROANE		30.00							5
0.5mL	TOLUENE		30.02				10			6

* Extracts relinquished on the same date as received.

10/11/24

WORKLIST(Hardcopy Internal Chain)

WorkList Name : P4258 WorkList ID : 184329 Department : Extraction Date : 10-11-2024 08:04:10

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4258-03	Chamberlain Ave	Solid	Pesticide-TCL	Cool 4 deg C	ROMA02	K21	10/01/2024	8081B
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Pesticide-TCL	Cool 4 deg C	CHEM02	QA Of	10/09/2024	8081B
P4385-02	SP-1	Solid	Pesticide-TCL	Cool 4 deg C	SCHE03	K51	10/10/2024	8081B
P4385-04	SP-2	Solid	Pesticide-TCL	Cool 4 deg C	SCHE03	K51	10/10/2024	8081B
P4385-06	SP-3	Solid	Pesticide-TCL	Cool 4 deg C	SCHE03	K51	10/10/2024	8081B
P4385-08	SP-4	Solid	Pesticide-TCL	Cool 4 deg C	SCHE03	K51	10/10/2024	8081B
P4385-10	SP-5	Solid	Pesticide-TCL	Cool 4 deg C	SCHE03	K51	10/10/2024	8081B
P4385-12	SP-6	Solid	Pesticide-TCL	Cool 4 deg C	SCHE03	K51	10/10/2024	8081B
P4385-14	SP-7	Solid	Pesticide-TCL	Cool 4 deg C	SCHE03	K51	10/10/2024	8081B
P4385-16	SP-8	Solid	Pesticide-TCL	Cool 4 deg C	SCHE03	K51	10/10/2024	8081B
P4385-18	SP-9	Solid	Pesticide-TCL	Cool 4 deg C	SCHE03	K51	10/10/2024	8081B
P4385-20	SP-10	Solid	Pesticide-TCL	Cool 4 deg C	SCHE03	K51	10/10/2024	8081B

Date/Time 10/11/24 8:55
 Raw Sample Received by: RJ (Set 1st)
 Raw Sample Relinquished by: JD (Set 1st)

Date/Time 10/11/24 9:25
 Raw Sample Received by: JD (Set 1st)
 Raw Sample Relinquished by: RJ (Set 1st)



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.

QUOTE NO.

COC Number

P4385
2042012

CLIENT INFORMATION

COMPANY: ~~PSEG~~ ^{REPORT TO BE SENT TO:} Scheideler Excavating

ADDRESS: Briar Way

CITY: Monroe STATE: NJ ZIP:

ATTENTION: Jim Scheideler

PHONE:

FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Scheideler Excavating

PROJECT NO.: LOCATION:

PROJECT MANAGER: Jim Scheideler

e-mail:

PHONE:

FAX:

CLIENT BILLING INFORMATION

BILL TO:

PO#:

ADDRESS:

CITY

STATE:

ZIP:

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 _____

1 TCL VOC 2 Cyanide 3 PCB 4 Pesticide 5 SVOC-TA BNA 20 6 Herbicide 7 Hex Chrom 8 Tri Chrom 9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS	
			COMP	GRAB	DATE	TIME		E/P	E	E	E	E	E	E	E	E	← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER	
1.	SP-1	Soil		X	10.10.24	1111	4	X									0.0ppm	
2.	SP-1		X			1115	3		X	X	X	X	X	X	X	X		
3.	SP-2			X		1124	4	X										
4.	SP-2		X			1130	3		X	X	X	X	X	X	X	X		
5.	SP-3			X		1142	4	X										
6.	SP-3		X			1150	3		X	X	X	X	X	X	X	X		
7.	SP-4			X		1159	4	X										
8.	SP-4		X			1207	3		X	X	X	X	X	X	X	X		
9.	SP-5			X		1216	4	X										
10.	SP-5		X			1222	3		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. JT	DATE/TIME: 1335 10.10.24	RECEIVED BY: 1. [Signature]	Conditions of bottles or coolers at receipt: ☒ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP: 3.6 °C Comments:
RELINQUISHED BY SAMPLER: 2. [Signature]	DATE/TIME:	RECEIVED BY: 2. [Signature]	
RELINQUISHED BY SAMPLER: 3. JT	DATE/TIME: 1500 10.10.24	RECEIVED BY: 3. [Signature]	

Page ____ of ____

CLIENT: ☐ Hand Delivered ☐ Other _____
 CHEMTECH: ☐ Picked Up ☐ Field Sampling

Shipment Complete
☐ YES ☐ NO

CHEMTECH

CHAIN OF CUSTODY RECORD

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

CHEMTECH PROJECT NO.

QUOTE NO.

COC Number

P4385

2042011

CLIENT INFORMATION

COMPANY: Scheideler Excavating

ADDRESS: Briar Way

CITY: Monroe STATE: NJ ZIP:

ATTENTION: Jim Scheideler

PHONE:

FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Scheideler Excavating

PROJECT NO.: LOCATION:

PROJECT MANAGER: Jim Scheideler

e-mail:

PHONE:

FAX:

CLIENT BILLING INFORMATION

BILL TO:

PO#:

ADDRESS:

CITY

STATE:

ZIP:

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 _____

1 TCL VOC 2 Cyanide 3 PCB 4 Pesticide 5 SVOC-TCL BWA 20 6 Herbicide 7 Hex chrom 8 Tri chrom 9

PRESERVATIVES

COMMENTS

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS
			COMP	GRAB	DATE	TIME		E/P	E	E	E	E	E	E	E	E	
1.	SP-6	Soil		X	10/10/24	1230	4	X									0.0 ppm
2.	SP-6		X			1238	3		X	X	X	X	X	X	X	X	
3.	SP-7			X		1249	4	X									
4.	SP-7		X			1255	3		X	X	X	X	X	X	X	X	
5.	SP-8			X		1303	4	X									
6.	SP-8		X			1310	3		X	X	X	X	X	X	X	X	
7.	SP-9			X		1318	4	X									
8.	SP-9		X			1323	3		X	X	X	X	X	X	X	X	
9.	SP-10			X		1330	4	X									
10.	SP-10		X			1335	3		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. JT	DATE/TIME: 1335 10.10.24	RECEIVED BY: 1. [Signature]	Conditions of bottles or coolers at receipt: ☒ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.6 °C
RELINQUISHED BY SAMPLER: 2.	DATE/TIME:	RECEIVED BY: 2.	Comments:
RELINQUISHED BY SAMPLER: 3. JT	DATE/TIME: 1500 10.10.24	RECEIVED BY: 3.	

Page ____ of ____

CLIENT: ☐ Hand Delivered ☐ Other _____
CHEMTECH: ☐ Picked Up ☐ Field Sampling

Shipment Complete
☐ YES ☐ NO

CHEMTECH

Environmental Laboratory

www.chemtech.net | EMAIL: PM@chemtech.net

Project Name: Scheideles
Excavating

Chemtech Order ID: _____

Service Order #: _____

Sampler Name: IT

Work Order #: _____

Client Project Coordinator & Phone: Jim Scheideles

Labor WBS #: _____

Facility/Site: Briar Way

Page #: 1 of 1
Date: 10.10.24

Site Address: Briar Way

Arrive Time: 1100

Marroe Township NJ

Depart Time: 01335

Waste Stream (circle one): drum / roll-off / Soil pile in-situ / linear construction / frac-tank

Sample Matrices (circle all that apply): Water / Solid / NAPL / Concrete / Wipe

Collection Depths: NA

Temp (range): 3.6 °C PID Readings (range): 0.0 PPM Dimensions/CY: 150x80x18 ~ 8000 CY

Sample Description: Sandy soil, Hard Rock soil

Odor: Y (N) Color: Y (N)

Field Observations: 1 Large soil pile

Grid/Area Composite Map:

QA Control # A3041134

← Halsey Reed Rd

Height varied - Averaged to ~18ft

Free of vegetation

Covered in vegetation

Camp 1

Removed vegetation with excavator.

150ft

80ft

9

10

8

7

6

4

3

2

5

Sampler Signature: IT

Supervisor Review/Date: _____

Client Signature: _____

Date/Time Arrived at Lab: _____



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 (L-A-B)	L2219
Maine	2024021
Maryland	296
New Hampshire	255423
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488



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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : P4385 SCHE03

Order Date : 10/10/2024 2:00:00 PM

Project Mgr :

Client Name : Scheideler Excavating Co. I

Project Name : Robbinsville

Report Type : Level 2

Client Contact : Jim Scheideler

Receive DateTime : 10/10/2024 12:00:00 AM

EDD Type : EXCEL NJCLEANUP

Invoice Name : Scheideler Excavating Co. I

Purchase Order :

Hard Copy Date :

Invoice Contact : Jim Scheideler

Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
P4385-01	SP-1	Solid	10/10/2024	11:11	VOC-TCLVOA-10		8260D		10 Bus. Days
P4385-03	SP-2	Solid	10/10/2024	11:24	VOC-TCLVOA-10		8260D		10 Bus. Days
P4385-05	SP-3	Solid	10/10/2024	11:42	VOC-TCLVOA-10		8260D		10 Bus. Days
P4385-07	SP-4	Solid	10/10/2024	11:59	VOC-TCLVOA-10		8260D		10 Bus. Days
P4385-09	SP-5	Solid	10/10/2024	12:16	VOC-TCLVOA-10		8260D		10 Bus. Days
P4385-11	SP-6	Solid	10/10/2024	12:30	VOC-TCLVOA-10		8260D		10 Bus. Days
P4385-13	SP-7	Solid	10/10/2024	12:49	VOC-TCLVOA-10		8260D		10 Bus. Days
P4385-15	SP-8	Solid	10/10/2024	13:03	VOC-TCLVOA-10		8260D		10 Bus. Days



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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : P4385	SCHE03	Order Date : 10/10/2024 2:00:00 PM	Project Mgr :
Client Name : Scheideler Excavating Co. I		Project Name : Robbinsville	Report Type : Level 2
Client Contact : Jim Scheideler		Receive DateTime : 10/10/2024 12:00:00 AM	EDD Type : EXCEL NJCLEANUP
Invoice Name : Scheideler Excavating Co. I		Purchase Order : 15:00	Hard Copy Date :
Invoice Contact : Jim Scheideler			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
P4385-17	SP-9	Solid	10/10/2024	13:18	VOC-TCLVOA-10		8260D	10 Bus. Days	
P4385-19	SP-10	Solid	10/10/2024	13:30	VOC-TCLVOA-10		8260D	10 Bus. Days	
					VOC-TCLVOA-10		8260D	10 Bus. Days	

Relinquished By :

Date / Time :

JT
10/10/24 1515

Received By :

Date / Time :

Sam
10/10/24 15:15 Rgt 6
P22

Storage Area : VOA Refridgerator Room