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

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

CHEMTECH

284 Sheffield Street, Mountainside, New Jersey - 07092

Phone: (908) 789 8900 Fax: (908) 789 8922

LAB CHRONICLE

OrderID:	O5252	**OrderDate:**	11/3/2023 2:14:16 PM
Client:	RMJ Environomics, Inc.	**Project:**	245 Greenwood Ave
Contact:	Jonathan Pereira	**Location:**	I31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
O5252-01	**WASTE**	**SOIL**			**11/03/23**			**11/03/23**
			Pesticide-TCL	8081B		11/06/23	11/06/23	

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Hit Summary Sheet
SW-846

SDG No.: O5252 **Order ID:** O5252

Client: RMJ Environomics, Inc. **Project ID:** 245 Greenwood Ave

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	**WASTE**							
O5252-01	WASTE	SOIL	4,4-DDE	0.38	J	0.20	1.90	ug/kg
O5252-01	WASTE	SOIL	4,4-DDT	0.49	J	0.23	1.90	ug/kg
O5252-01	WASTE	SOIL	alpha-Chlordane	0.66	JP	0.23	1.90	ug/kg
O5252-01	WASTE	SOIL	gamma-Chlordane	0.39	J	0.23	1.90	ug/kg
			Total Concentration:	**1.920**				

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QC SUMMARY

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Surrogate Summary

SDG No.: O5252

Client: RMJ Environomics, Inc.

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PL086340.D	PIBLK-PL086340.D	Decachlorobiphenyl	1	20	22.5	113		30 (27)	150 (142)
		Tetrachloro-m-xylene	1	20	21.4	107		30 (35)	150 (148)
		Decachlorobiphenyl	2	20	22.4	112		30 (27)	150 (142)
		Tetrachloro-m-xylene	2	20	21.4	107		30 (35)	150 (148)
I.BLK-PL086473.D	PIBLK-PL086473.D	Decachlorobiphenyl	1	20	22.2	111		30 (27)	150 (142)
		Tetrachloro-m-xylene	1	20	20.6	103		30 (35)	150 (148)
		Decachlorobiphenyl	2	20	21.1	105		30 (27)	150 (142)
		Tetrachloro-m-xylene	2	20	21.7	109		30 (35)	150 (148)
PB156920BL	PB156920BL	Decachlorobiphenyl	1	20	17.8	89		30 (12)	150 (143)
		Tetrachloro-m-xylene	1	20	15.8	79		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	17.8	89		30 (12)	150 (143)
		Tetrachloro-m-xylene	2	20	16.9	85		30 (10)	150 (159)
PB156920BS	PB156920BS	Decachlorobiphenyl	1	20	19.0	95		30 (12)	150 (143)
		Tetrachloro-m-xylene	1	20	17.2	86		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	19.1	95		30 (12)	150 (143)
		Tetrachloro-m-xylene	2	20	18.1	90		30 (10)	150 (159)
O5252-01	WASTE	Decachlorobiphenyl	1	20	10.7	53		30 (12)	150 (143)
		Tetrachloro-m-xylene	1	20	8.02	40		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	11.4	57		30 (12)	150 (143)
		Tetrachloro-m-xylene	2	20	9.81	49		30 (10)	150 (159)
I.BLK-PL086484.D	PIBLK-PL086484.D	Decachlorobiphenyl	1	20	22.3	111		30 (27)	150 (142)
		Tetrachloro-m-xylene	1	20	20.5	102		30 (35)	150 (148)
		Decachlorobiphenyl	2	20	22.9	114		30 (27)	150 (142)
		Tetrachloro-m-xylene	2	20	21.3	107		30 (35)	150 (148)
O5256-01MS	WC-1MS	Decachlorobiphenyl	1	20	16.2	81		30 (12)	150 (143)
		Tetrachloro-m-xylene	1	20	15.8	79		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	17.8	89		30 (12)	150 (143)
		Tetrachloro-m-xylene	2	20	18.1	90		30 (10)	150 (159)
O5256-01MSD	WC-1MSD	Decachlorobiphenyl	1	20	15.9	79		30 (12)	150 (143)
		Tetrachloro-m-xylene	1	20	16.4	82		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	17.8	89		30 (12)	150 (143)
		Tetrachloro-m-xylene	2	20	18.2	91		30 (10)	150 (159)
I.BLK-PL086493.D	PIBLK-PL086493.D	Decachlorobiphenyl	1	20	23.1	116		30 (27)	150 (142)
		Tetrachloro-m-xylene	1	20	21.6	108		30 (35)	150 (148)
		Decachlorobiphenyl	2	20	23.2	116		30 (27)	150 (142)
		Tetrachloro-m-xylene	2	20	21.9	109		30 (35)	150 (148)

( ) = LABORATORY INHOUSE LIMIT

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: O5252

Client: RMJ Environomics, Inc.

Analytical Method: 8081B **DataFile :** PL086489.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**WC-1MS**											
O5256-01MS	alpha-BHC	19.14	0	18.6	ug/kg	97				30 (45)	150 (135)	
	beta-BHC	19.14	0	18.8	ug/kg	98				30 (35)	150 (144)	
	delta-BHC	19.14	0	18.5	ug/kg	97				30 (38)	150 (140)	
	gamma-BHC (Lindane)	19.14	0	19.0	ug/kg	99				30 (49)	150 (134)	
	Heptachlor	19.14	0	18.8	ug/kg	98				30 (33)	150 (144)	
	Aldrin	19.14	0	20.2	ug/kg	106				30 (49)	150 (139)	
	Heptachlor epoxide	19.14	0	18.2	ug/kg	95				30 (51)	150 (129)	
	Endosulfan I	19.14	0	16.4	ug/kg	86				30 (45)	150 (138)	
	Dieldrin	19.14	0	21.2	ug/kg	111				30 (47)	150 (161)	
	4,4'-DDE	19.14	0	20.3	ug/kg	106				30 (55)	150 (136)	
	Endrin	19.14	0	18.3	ug/kg	96				30 (47)	150 (158)	
	Endosulfan II	19.14	0	18.7	ug/kg	98				30 (45)	150 (129)	
	4,4'-DDD	19.14	0	20.3	ug/kg	106				30 (65)	150 (145)	
	Endosulfan sulfate	19.14	0	18.3	ug/kg	96				30 (62)	150 (139)	
	4,4'-DDT	19.14	0	19.5	ug/kg	102				30 (28)	150 (159)	
	Methoxychlor	19.14	0	22.0	ug/kg	115				30 (33)	150 (144)	
	Endrin ketone	19.14	0	17.6	ug/kg	92				30 (60)	150 (129)	
	Endrin aldehyde	19.14	0	19.8	ug/kg	103				30 (49)	150 (146)	
	alpha-Chlordane	19.14	0	17.8	ug/kg	93				30 (42)	150 (175)	
	gamma-Chlordane	19.14	0	18.6	ug/kg	97				30 (44)	150 (175)	

( ) = LABORATORY INHOUSE LIMIT

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: O5252

Client: RMJ Environomics, Inc.

Analytical Method: 8081B **DataFile :** PL086490.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**WC-1MSD**											
O5256-01MSD	alpha-BHC	19.13	0	18.8	ug/kg	98		1		30 (45)	150 (135)	30 (20)
	beta-BHC	19.13	0	18.6	ug/kg	97		1		30 (35)	150 (144)	30 (20)
	delta-BHC	19.13	0	18.6	ug/kg	97		0		30 (38)	150 (140)	30 (20)
	gamma-BHC (Lindane)	19.13	0	19.1	ug/kg	100		1		30 (49)	150 (134)	30 (20)
	Heptachlor	19.13	0	19.0	ug/kg	99		1		30 (33)	150 (144)	30 (20)
	Aldrin	19.13	0	20.4	ug/kg	107		1		30 (49)	150 (139)	30 (20)
	Heptachlor epoxide	19.13	0	18.3	ug/kg	96		1		30 (51)	150 (129)	30 (20)
	Endosulfan I	19.13	0	16.7	ug/kg	87		1		30 (45)	150 (138)	30 (20)
	Dieldrin	19.13	0	21.3	ug/kg	111		0		30 (47)	150 (161)	30 (20)
	4,4'-DDE	19.13	0	20.4	ug/kg	107		1		30 (55)	150 (136)	30 (20)
	Endrin	19.13	0	18.4	ug/kg	96		0		30 (47)	150 (158)	30 (20)
	Endosulfan II	19.13	0	18.9	ug/kg	99		1		30 (45)	150 (129)	30 (20)
	4,4'-DDD	19.13	0	20.4	ug/kg	107		1		30 (65)	150 (145)	30 (20)
	Endosulfan sulfate	19.13	0	18.4	ug/kg	96		0		30 (62)	150 (139)	30 (20)
	4,4'-DDT	19.13	0	19.6	ug/kg	102		0		30 (28)	150 (159)	30 (20)
	Methoxychlor	19.13	0	22.2	ug/kg	116		1		30 (33)	150 (144)	30 (20)
	Endrin ketone	19.13	0	17.5	ug/kg	91		1		30 (60)	150 (129)	30 (20)
	Endrin aldehyde	19.13	0	20.0	ug/kg	105		2		30 (49)	150 (146)	30 (20)
	alpha-Chlordane	19.13	0	17.8	ug/kg	93		0		30 (42)	150 (175)	30 (20)
	gamma-Chlordane	19.13	0	18.6	ug/kg	97		0		30 (44)	150 (175)	30 (20)

( ) = LABORATORY INHOUSE LIMIT

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: O5252

Client: RMJ Environomics, Inc.

Analytical Method: 8081B **Datafile :** PL086480.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB156920BS	alpha-BHC	16.67	16.5	ug/kg	99				40 (84)	140 (123)	
	beta-BHC	16.67	16.3	ug/kg	98				40 (82)	140 (123)	
	delta-BHC	16.67	16.6	ug/kg	100				40 (83)	140 (126)	
	gamma-BHC (Lindane)	16.67	16.4	ug/kg	98				40 (83)	140 (125)	
	Heptachlor	16.67	16.6	ug/kg	100				40 (83)	140 (122)	
	Aldrin	16.67	16.7	ug/kg	100				40 (82)	140 (124)	
	Heptachlor epoxide	16.67	16.6	ug/kg	100				40 (83)	140 (120)	
	Endosulfan I	16.67	15.6	ug/kg	94				40 (81)	140 (124)	
	Dieldrin	16.67	16.5	ug/kg	99				40 (85)	140 (121)	
	4,4'-DDE	16.67	17.9	ug/kg	107				40 (81)	140 (123)	
	Endrin	16.67	16.1	ug/kg	97				40 (76)	140 (130)	
	Endosulfan II	16.67	16.5	ug/kg	99				40 (80)	140 (125)	
	4,4'-DDD	16.67	18.2	ug/kg	109				40 (80)	140 (131)	
	Endosulfan sulfate	16.67	16.6	ug/kg	100				40 (81)	140 (122)	
	4,4'-DDT	16.67	17.3	ug/kg	104				40 (70)	140 (129)	
	Methoxychlor	16.67	16.6	ug/kg	100				40 (78)	140 (129)	
	Endrin ketone	16.67	16.8	ug/kg	101				40 (77)	140 (132)	
	Endrin aldehyde	16.67	18.2	ug/kg	109				40 (79)	140 (124)	
	alpha-Chlordane	16.67	16.1	ug/kg	97				40 (84)	140 (120)	
	gamma-Chlordane	16.67	16.7	ug/kg	100				40 (83)	140 (122)	

( ) = LABORATORY INHOUSE LIMIT

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB156920BL

Lab Name: CHEMTECH Contract: RMJE02

Lab Code: CHEM Case No.: O5252 SAS No.: O5252 SDG NO.: O5252

Lab Sample ID: PB156920BL Lab File ID: PL086479.D

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

Sulfur Cleanup: (Y/N) N Date Extracted: 11/06/2023

Date Analyzed (1): 11/06/2023 Date Analyzed (2): 11/06/2023

Time Analyzed (1): 17:11 Time Analyzed (2): 17:11

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
PB156920BS	PB156920BS	PL086480.D	11/06/2023	11/06/2023
WASTE	O5252-01	PL086481.D	11/06/2023	11/06/2023
WC-1MS	O5256-01MS	PL086489.D	11/06/2023	11/06/2023
WC-1MSD	O5256-01MSD	PL086490.D	11/06/2023	11/06/2023

COMMENTS:

CHEMTECH

SAMPLE DATA

Raw Data: **PL086481.D**

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	RMJ Environomics, Inc.	Date Collected:	11/03/23
Project:	245 Greenwood Ave	Date Received:	11/03/23
Client Sample ID:	WASTE	SDG No.:	O5252
Lab Sample ID:	O5252-01	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	90.6 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
PL086481.D	1	11/06/23 09:10	11/06/23 17:38	PB156920

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.26	U	0.26	1.90	ug/kg
319-85-7	beta-BHC	0.57	U	0.57	1.90	ug/kg
319-86-8	delta-BHC	0.45	U	0.45	1.90	ug/kg
58-89-9	gamma-BHC (Lindane)	0.24	U	0.24	1.90	ug/kg
76-44-8	Heptachlor	0.25	U	0.25	1.90	ug/kg
309-00-2	Aldrin	0.22	U	0.22	1.90	ug/kg
1024-57-3	Heptachlor epoxide	0.32	U	0.32	1.90	ug/kg
959-98-8	Endosulfan I	0.21	U	0.21	1.90	ug/kg
60-57-1	Dieldrin	0.20	U	0.20	1.90	ug/kg
72-55-9	4,4-DDE	0.38	J	0.20	1.90	ug/kg
72-20-8	Endrin	0.19	U	0.19	1.90	ug/kg
33213-65-9	Endosulfan II	0.24	U	0.24	1.90	ug/kg
72-54-8	4,4-DDD	0.23	U	0.23	1.90	ug/kg
1031-07-8	Endosulfan Sulfate	0.20	U	0.20	1.90	ug/kg
50-29-3	4,4-DDT	0.49	J	0.23	1.90	ug/kg
72-43-5	Methoxychlor	0.28	U	0.28	1.90	ug/kg
53494-70-5	Endrin ketone	0.32	U	0.32	1.90	ug/kg
7421-93-4	Endrin aldehyde	0.32	U	0.32	1.90	ug/kg
5103-71-9	alpha-Chlordane	0.66	JP	0.23	1.90	ug/kg
5103-74-2	gamma-Chlordane	0.39	J	0.23	1.90	ug/kg
8001-35-2	Toxaphene	7.30	U	7.30	36.3	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	11.4		30 (12) - 150 (143)	57%	SPK: 20
877-09-8	Tetrachloro-m-xylene	9.81		30 (10) - 150 (159)	49%	SPK: 20

Raw Data: **PL086481.D**

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Report of Analysis

Client:	RMJ Environomics, Inc.	Date Collected:	11/03/23
Project:	245 Greenwood Ave	Date Received:	11/03/23
Client Sample ID:	WASTE	SDG No.:	O5252
Lab Sample ID:	O5252-01	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	90.6 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
PL086481.D	1	11/06/23 09:10	11/06/23 17:38	PB156920

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

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

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

Sample Results: **PL086481.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110623\
Data File : PL086481.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2023 17:38
Operator : AR\AJ
Sample : 05252-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
WASTE

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 11/07/2023
Supervised By :Ankita Jodhani 11/07/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 20:39:48 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 05:32:51 2023
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...	3.352	2.618	25449714	9343024	8.019	9.814
28) SA	Decachlor...	8.852	7.768	28193581	13043532	10.660	11.371
	Target Compounds						
10) B	gamma-Chl...	5.753	4.809	4173892	407557	1.052	0.344m#
11) B	alpha-Chl...	5.834	4.874	7168240	1084847	1.801m	0.868m#
12) B	4,4'-DDE	6.014	5.073	3312607	1028898	1.044	1.043m
17) MA	4,4'-DDT	6.848	5.878	3497845	1073394	1.341	1.139m

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

Sample Results: **PL086481.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110623\
Data File : PL086481.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2023 17:38
Operator : AR\AJ
Sample : 05252-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

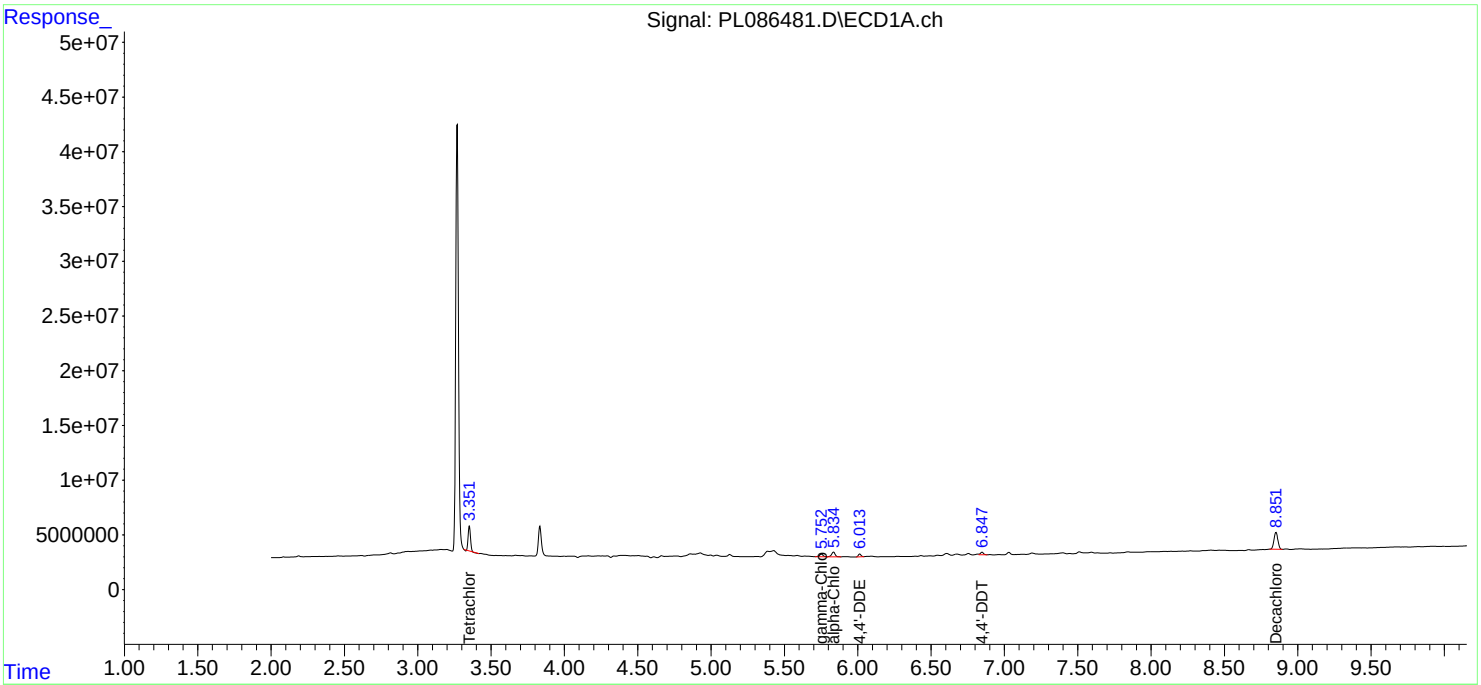
Instrument :
ECD_L
ClientSampleId :
WASTE

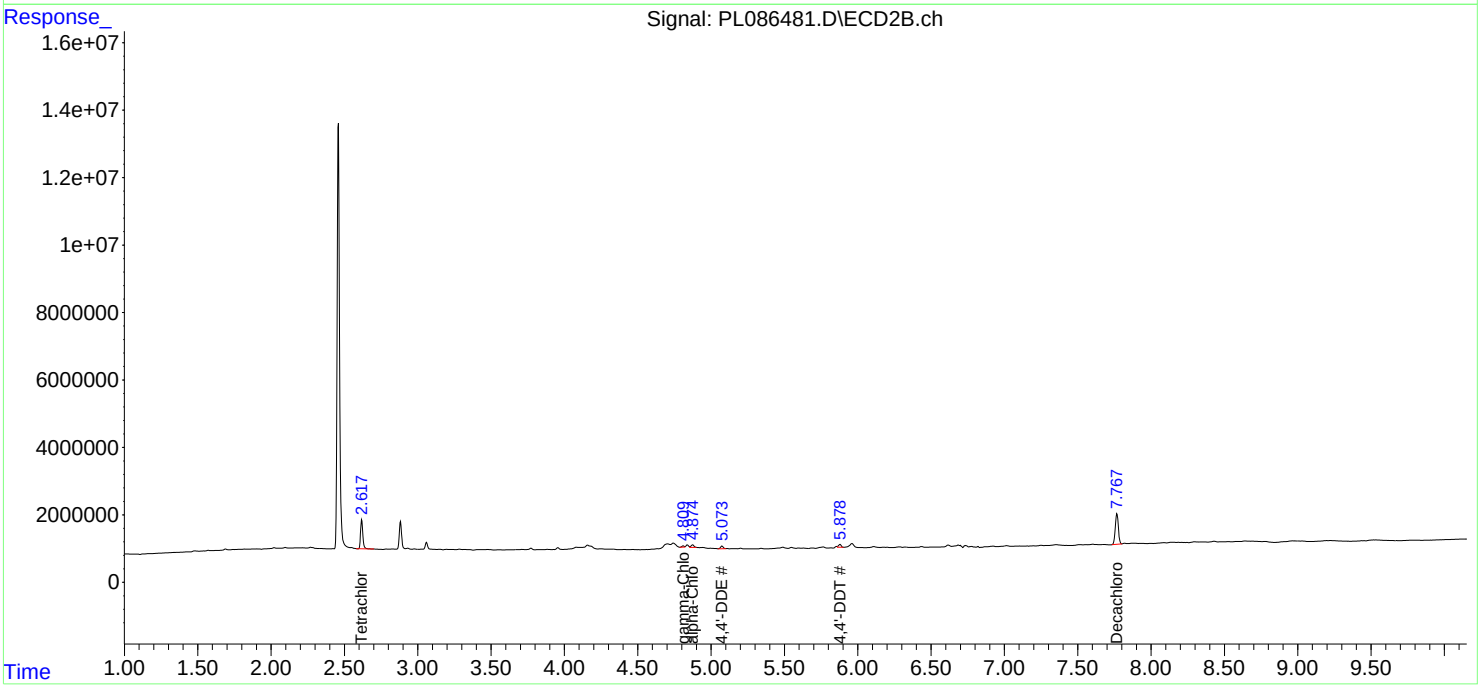
Manual Integrations APPROVED

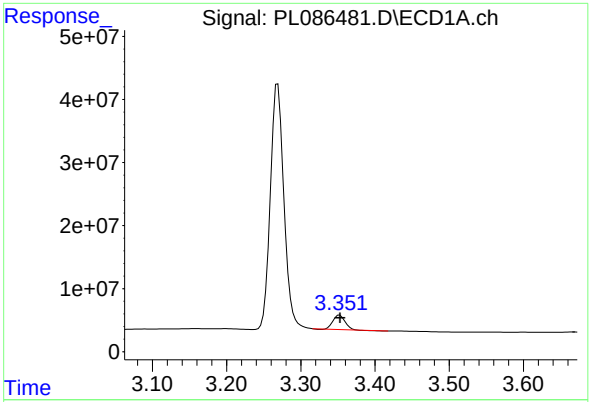
Reviewed By :Abdul Mirza 11/07/2023
Supervised By :Ankita Jodhani 11/07/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 20:39:48 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 05:32:51 2023
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







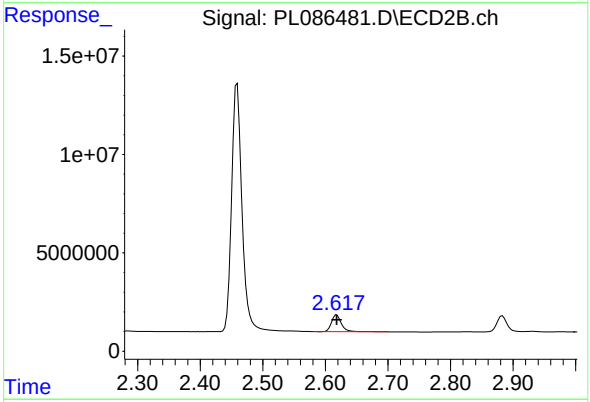
#1 Tetrachloro-m-xylene

R.T.: 3.352 min
Delta R.T.: 0.000 min
Response: 25449714
Conc: 8.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
WASTE

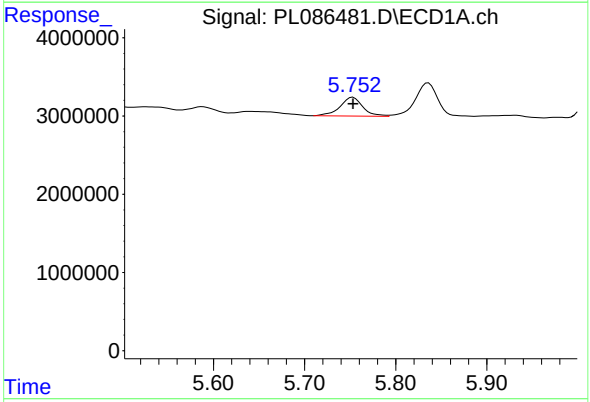
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/07/2023
Supervised By :Ankita Jodhani 11/07/2023



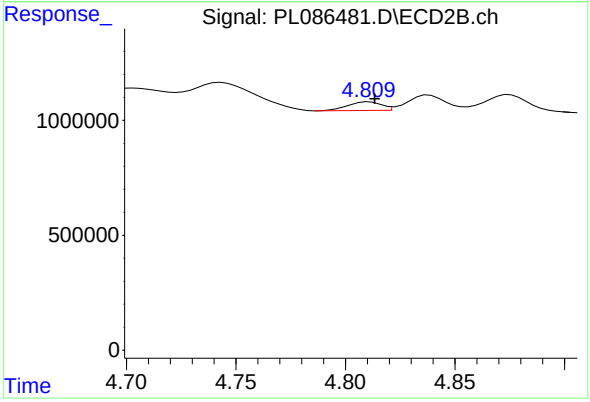
#1 Tetrachloro-m-xylene

R.T.: 2.618 min
Delta R.T.: 0.000 min
Response: 9343024
Conc: 9.81 ng/ml



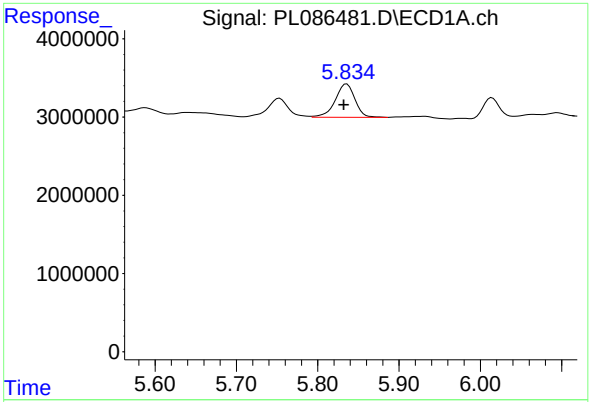
#10 gamma-Chlordane

R.T.: 5.753 min
Delta R.T.: 0.000 min
Response: 4173892
Conc: 1.05 ng/ml



#10 gamma-Chlordane

R.T.: 4.809 min
Delta R.T.: -0.004 min
Response: 407557
Conc: 0.34 ng/ml m



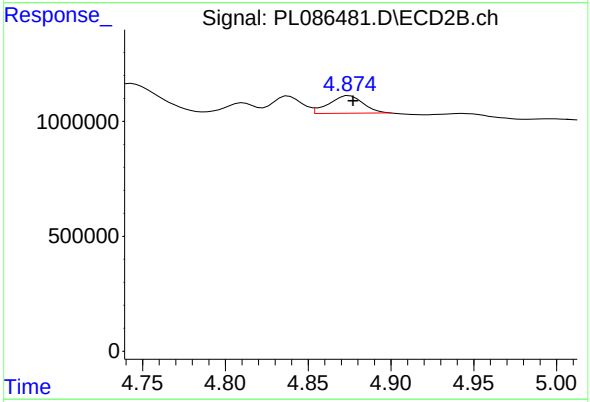
#11 alpha-Chlordane

R.T.: 5.834 min
Delta R.T.: 0.002 min
Response: 7168240
Conc: 1.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
WASTE

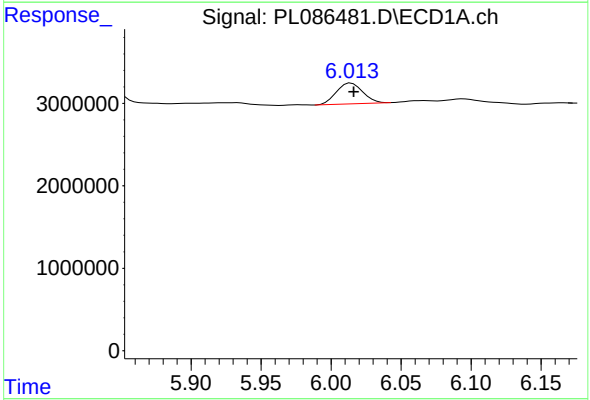
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/07/2023
Supervised By :Ankita Jodhani 11/07/2023



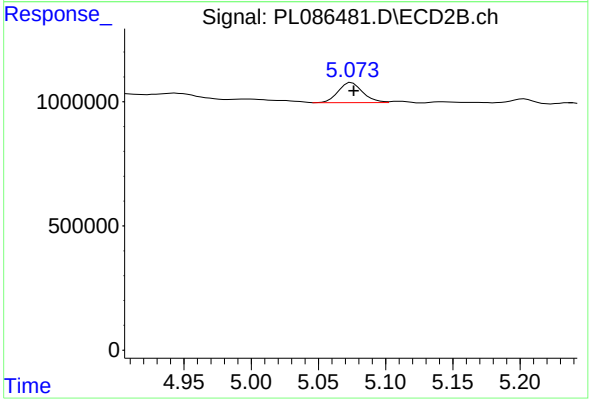
#11 alpha-Chlordane

R.T.: 4.874 min
Delta R.T.: -0.004 min
Response: 1084847
Conc: 0.87 ng/ml m



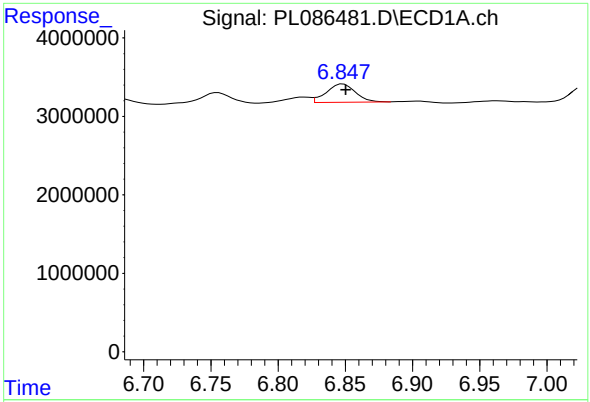
#12 4,4'-DDE

R.T.: 6.014 min
Delta R.T.: -0.002 min
Response: 3312607
Conc: 1.04 ng/ml



#12 4,4'-DDE

R.T.: 5.073 min
Delta R.T.: -0.003 min
Response: 1028898
Conc: 1.04 ng/ml m



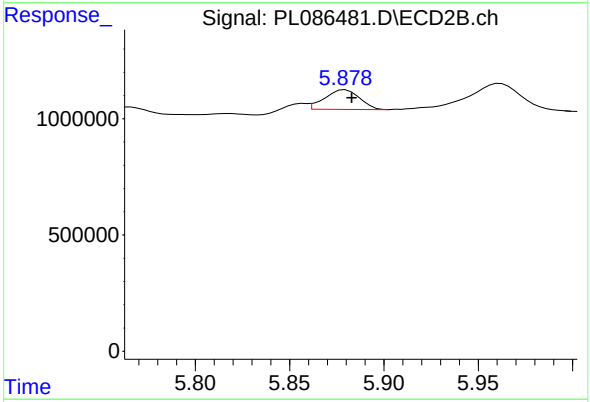
#17 4,4'-DDT

R.T.: 6.848 min
Delta R.T.: -0.002 min
Response: 3497845
Conc: 1.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
WASTE

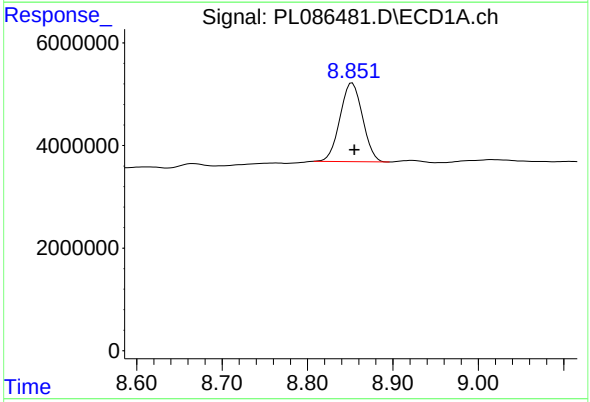
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/07/2023
Supervised By :Ankita Jodhani 11/07/2023



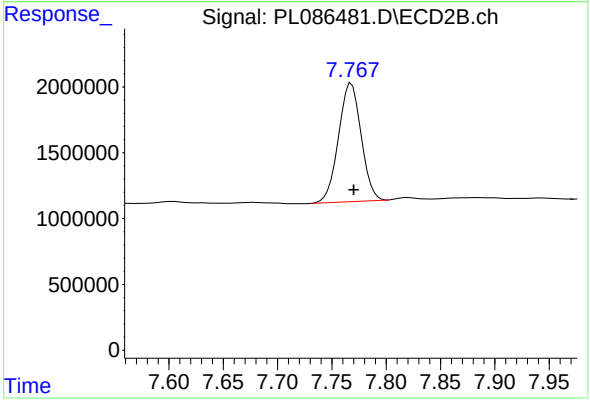
#17 4,4'-DDT

R.T.: 5.878 min
Delta R.T.: -0.005 min
Response: 1073394
Conc: 1.14 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.852 min
Delta R.T.: -0.003 min
Response: 28193581
Conc: 10.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.768 min
Delta R.T.: -0.002 min
Response: 13043532
Conc: 11.37 ng/ml

CHEMTECH

CALIBRATION SUMMARY

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Contract: RMJE02

Lab Code: CHEM **Case No.:** O5252 **SAS No.:** O5252 **SDG NO.:** O5252

Instrument ID: ECD_L **Calibration Date(s):** 11/01/2023 11/01/2023

Calibration Times: 08:49 09:45

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

LAB FILE ID: RT 100 = PL086343.D RT 075 = PL086344.D

RT 050 = PL086345.D RT 025 = PL086346.D RT 005 = PL086347.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
4,4'-DDD	6.54	6.54	6.54	6.53	6.53	6.53	6.43	6.63
4,4'-DDE	6.02	6.02	6.02	6.02	6.02	6.02	5.92	6.12
4,4'-DDT	6.85	6.85	6.85	6.85	6.85	6.85	6.75	6.95
Aldrin	5.07	5.07	5.07	5.07	5.07	5.07	4.97	5.17
alpha-BHC	3.81	3.81	3.81	3.81	3.81	3.81	3.71	3.91
alpha-Chlordane	5.83	5.83	5.83	5.83	5.83	5.83	5.73	5.93
beta-BHC	4.34	4.34	4.34	4.34	4.34	4.34	4.24	4.44
Decachlorobiphenyl	8.86	8.86	8.86	8.85	8.85	8.85	8.75	8.95
delta-BHC	4.59	4.59	4.59	4.59	4.58	4.58	4.48	4.68
Dieldrin	6.16	6.16	6.16	6.16	6.16	6.16	6.06	6.26
Endosulfan I	5.88	5.88	5.88	5.88	5.88	5.88	5.78	5.98
Endosulfan II	6.61	6.61	6.61	6.61	6.61	6.61	6.51	6.71
Endosulfan sulfate	6.98	6.98	6.98	6.98	6.98	6.98	6.88	7.08
Endrin	6.39	6.39	6.39	6.38	6.39	6.38	6.28	6.48
Endrin aldehyde	6.74	6.74	6.74	6.74	6.74	6.74	6.64	6.84
Endrin ketone	7.46	7.46	7.46	7.46	7.46	7.46	7.36	7.56
gamma-BHC (Lindane)	4.14	4.14	4.14	4.14	4.14	4.14	4.04	4.24
gamma-Chlordane	5.75	5.75	5.75	5.75	5.75	5.75	5.65	5.85
Heptachlor	4.73	4.73	4.73	4.73	4.73	4.73	4.63	4.83
Heptachlor epoxide	5.50	5.50	5.50	5.50	5.49	5.49	5.39	5.59
Methoxychlor	7.34	7.34	7.34	7.34	7.34	7.34	7.24	7.44
Tetrachloro-m-xylene	3.35	3.35	3.35	3.35	3.35	3.35	3.25	3.45

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Contract: RMJE02

Lab Code: CHEM **Case No.:** O5252 **SAS No.:** O5252 **SDG NO.:** O5252

Instrument ID: ECD_L **Calibration Date(s):** 11/01/2023 11/01/2023

Calibration Times: 08:49 09:45

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

LAB FILE ID: **RT 100 =** PL086343.D **RT 075 =** PL086344.D

RT 050 = PL086345.D **RT 025 =** PL086346.D **RT 005 =** PL086347.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
4,4'-DDD	5.63	5.63	5.63	5.63	5.63	5.63	5.53	5.73
4,4'-DDE	5.08	5.08	5.08	5.08	5.08	5.08	4.98	5.18
4,4'-DDT	5.88	5.88	5.88	5.88	5.88	5.88	5.78	5.98
Aldrin	4.06	4.06	4.06	4.06	4.06	4.06	3.96	4.16
alpha-BHC	3.12	3.12	3.12	3.12	3.12	3.12	3.02	3.22
alpha-Chlordane	4.88	4.88	4.88	4.88	4.88	4.88	4.78	4.98
beta-BHC	3.75	3.75	3.75	3.75	3.75	3.75	3.65	3.85
Decachlorobiphenyl	7.77	7.77	7.77	7.77	7.77	7.77	7.67	7.87
delta-BHC	3.97	3.97	3.97	3.97	3.97	3.97	3.87	4.07
Dieldrin	5.20	5.20	5.20	5.20	5.19	5.19	5.09	5.29
Endosulfan I	4.93	4.93	4.93	4.93	4.93	4.93	4.83	5.03
Endosulfan II	5.77	5.77	5.77	5.77	5.77	5.77	5.67	5.87
Endosulfan sulfate	6.17	6.17	6.17	6.17	6.17	6.17	6.07	6.27
Endrin	5.47	5.47	5.47	5.47	5.47	5.47	5.37	5.57
Endrin aldehyde	5.95	5.95	5.95	5.95	5.95	5.95	5.85	6.05
Endrin ketone	6.67	6.67	6.67	6.67	6.67	6.67	6.57	6.77
gamma-BHC (Lindane)	3.44	3.44	3.44	3.44	3.44	3.44	3.34	3.54
gamma-Chlordane	4.81	4.81	4.81	4.81	4.81	4.81	4.71	4.91
Heptachlor	3.78	3.78	3.78	3.78	3.78	3.78	3.68	3.88
Heptachlor epoxide	4.56	4.56	4.56	4.56	4.56	4.56	4.46	4.66
Methoxychlor	6.47	6.47	6.47	6.47	6.47	6.47	6.37	6.57
Tetrachloro-m-xylene	2.62	2.62	2.62	2.62	2.62	2.62	2.52	2.72

Raw Data

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: RMJE02

Lab Code: CHEM **Case No.:** O5252 **SAS No.:** O5252 **SDG NO.:** O5252

Instrument ID: ECD_L **Calibration Date(s):** 11/01/2023 11/01/2023

Calibration Times: 08:49 09:45

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

LAB FILE ID: **CF 100 =** PL086343.D **CF 075 =** PL086344.D

CF 050 = PL086345.D **CF 025 =** PL086346.D **CF 005 =** PL086347.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	2536800000	2375800000	2348500000	2305270000	2292640000	2371800000	4
4,4'-DDE	3419430000	3206160000	3165660000	3063980000	3012760000	3173600000	5
4,4'-DDT	2810840000	2633750000	2582620000	2546230000	2471160000	2608920000	5
Aldrin	4693660000	4481820000	4445710000	4313380000	4208690000	4428650000	4
alpha-BHC	5098960000	4840660000	4758070000	4526940000	4375690000	4720060000	6
alpha-Chlordane	4071150000	3918190000	3936280000	3926450000	4050290000	3980470000	2
beta-BHC	1889560000	1843730000	1881930000	1939840000	2306760000	1972360000	10
Decachlorobiphenyl	2561610000	2489210000	2559090000	2703410000	2910680000	2644800000	6
delta-BHC	4733550000	4470120000	4415460000	4347470000	3848140000	4362940000	7
Dieldrin	4050770000	3855420000	3838790000	3752690000	3726570000	3844850000	3
Endosulfan I	3740310000	3611870000	3638700000	3635880000	3752640000	3675880000	2
Endosulfan II	3279340000	3153560000	3159820000	3184450000	3325560000	3220540000	2
Endosulfan sulfate	3114770000	2989670000	3018610000	3060780000	3256030000	3087970000	3
Endrin	3500270000	3330200000	3328190000	3273040000	3259440000	3338230000	3
Endrin aldehyde	2401500000	2316660000	2384920000	2451330000	2615990000	2434080000	5
Endrin ketone	3301270000	3162180000	3173390000	3163240000	3156780000	3191370000	2
gamma-BHC (Lindane)	4877100000	4655760000	4601670000	4437000000	4210870000	4556480000	5
gamma-Chlordane	4102170000	3924400000	3926610000	3885660000	4000190000	3967800000	2
Heptachlor	4555740000	4365980000	4364780000	4278900000	4228490000	4358780000	3
Heptachlor epoxide	4009350000	3881350000	3902700000	3813940000	3730890000	3867640000	3
Methoxychlor	1405280000	1341730000	1358890000	1393300000	1435820000	1387010000	3
Tetrachloro-m-xylene	3225080000	3138040000	3170050000	3165040000	3169430000	3173530000	1

Raw Data

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: RMJE02

Lab Code: CHEM **Case No.:** O5252 **SAS No.:** O5252 **SDG NO.:** O5252

Instrument ID: ECD_L **Calibration Date(s):** 11/01/2023 11/01/2023

Calibration Times: 08:49 09:45

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

LAB FILE ID: **CF 100 =** PL086343.D **CF 075 =** PL086344.D

CF 050 = PL086345.D **CF 025 =** PL086346.D **CF 005 =** PL086347.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	903323000	840415000	820449000	787086000	721129000	814480000	8
4,4'-DDE	1113380000	1033130000	1001080000	942174000	844459000	986844000	10
4,4'-DDT	1043240000	974223000	948589000	916365000	831305000	942744000	8
Aldrin	1388220000	1316350000	1294600000	1231850000	1140680000	1274340000	7
alpha-BHC	1463140000	1373920000	1337770000	1240180000	1073740000	1297750000	11
alpha-Chlordane	1287550000	1232820000	1230420000	1221480000	1273780000	1249210000	2
beta-BHC	570275000	554260000	566592000	580371000	598121000	573924000	3
Decachlorobiphenyl	1088150000	1069090000	1107260000	1181150000	1289550000	1147040000	8
delta-BHC	1420290000	1334870000	1296090000	1208430000	1060540000	1264040000	11
Dieldrin	1299040000	1227510000	1206390000	1159500000	1078420000	1194170000	7
Endosulfan I	1190270000	1148920000	1145780000	1166390000	1282730000	1186820000	5
Endosulfan II	1129900000	1084090000	1078990000	1068670000	1027850000	1077900000	3
Endosulfan sulfate	1082970000	1038030000	1043370000	1051370000	1055660000	1054280000	2
Endrin	1191130000	1125500000	1112620000	1071200000	1009210000	1101930000	6
Endrin aldehyde	838637000	807409000	830666000	848832000	890954000	843300000	4
Endrin ketone	1310110000	1256240000	1256690000	1240670000	1172200000	1247180000	4
gamma-BHC (Lindane)	1437950000	1358590000	1338050000	1273460000	1159760000	1313560000	8
gamma-Chlordane	1269900000	1207300000	1193560000	1159610000	1086520000	1183380000	6
Heptachlor	1369310000	1312980000	1302170000	1272790000	1229190000	1297290000	4
Heptachlor epoxide	1252340000	1197130000	1197180000	1178310000	1152700000	1195530000	3
Methoxychlor	582971000	564565000	575331000	595605000	603203000	584335000	3
Tetrachloro-m-xylene	978600000	943239000	957220000	947507000	933379000	951989000	2

Raw Data

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: RMJE02

Lab Code: CHEM **Case No.:** O5252 **SAS No.:** O5252 **SDG NO.:** O5252

Instrument ID: ECD_L **Date(s) Analyzed:** 11/01/2023 11/01/2023

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	500	1	6.05	5.95	6.15	24773700
		2	6.46	6.36	6.56	20193000
		3	6.97	6.87	7.07	65365100
		4	7.06	6.96	7.16	39592500
		5	7.75	7.65	7.85	46260500

Raw Data

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: RMJE02

Lab Code: CHEM **Case No.:** O5252 **SAS No.:** O5252 **SDG NO.:** O5252

Instrument ID: ECD_L **Date(s) Analyzed:** 11/01/2023 11/01/2023

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	500	1	5.17	5.07	5.27	5774410
		2	5.52	5.42	5.62	6851300
		3	6.44	6.34	6.54	26432000
		4	6.57	6.47	6.67	36861600
		5	6.88	6.78	6.98	25089800

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110123\
Data File : PL086343.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Nov 2023 08:49
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: Nov 02 05:14:02 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 05:13:50 2023
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...	3.353	2.619	322.5E6	97860025	100.861	101.104
28)	SA Decachlor...	8.855	7.769	256.2E6	108.8E6	100.049	99.129
	Target Compounds						
2)	A alpha-BHC	3.807	3.117	509.9E6	146.3E6	103.458	104.476
3)	MA gamma-BHC...	4.139	3.444	487.7E6	143.8E6	102.906	103.599
4)	MA Heptachlor	4.726	3.780	455.6E6	136.9E6	102.141	102.513
5)	MB Aldrin	5.066	4.057	469.4E6	138.8E6	102.713	103.490
6)	B beta-BHC	4.342	3.746	189.0E6	57027474	100.202	100.324
7)	B delta-BHC	4.585	3.972	473.4E6	142.0E6	103.477	104.572
8)	B Heptachlo...	5.496	4.562	400.9E6	125.2E6	101.348	102.252
9)	A Endosulfan I	5.880	4.929	374.0E6	119.0E6	101.377	101.904
10)	B gamma-Chl...	5.753	4.814	410.2E6	127.0E6	102.187	103.099
11)	B alpha-Chl...	5.833	4.877	407.1E6	128.8E6	101.684	102.269
12)	B 4,4'-DDE	6.016	5.076	341.9E6	111.3E6	103.854	105.311
13)	MA Dieldrin	6.157	5.195	405.1E6	129.9E6	102.687	103.698
14)	MA Endrin	6.385	5.469	350.0E6	119.1E6	102.520	103.408
15)	B Endosulfa...	6.608	5.767	327.9E6	113.0E6	101.856	102.305
16)	A 4,4'-DDD	6.535	5.633	253.7E6	90332322	103.854	104.808
17)	MA 4,4'-DDT	6.850	5.883	281.1E6	104.3E6	104.231	104.752
18)	B Endrin al...	6.739	5.948	240.1E6	83863730	100.346	100.477
19)	B Endosulfa...	6.976	6.172	311.5E6	108.3E6	101.568	101.862
20)	A Methoxychlor	7.336	6.467	140.5E6	58297119	101.678	100.660
21)	B Endrin ke...	7.457	6.674	330.1E6	131.0E6	101.975	102.081
22)	Mirex	7.930	6.850	258.8E6	108.2E6	98.876	99.037

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

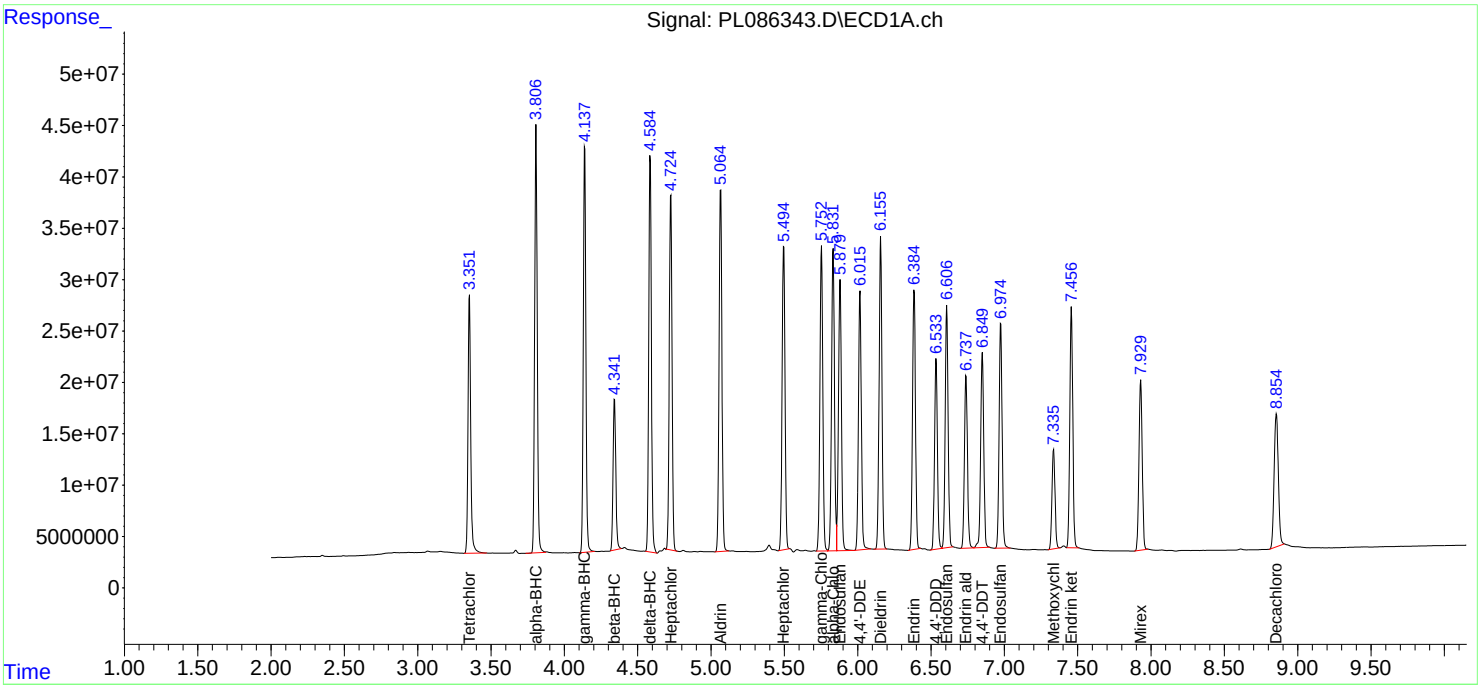
ICAL Form

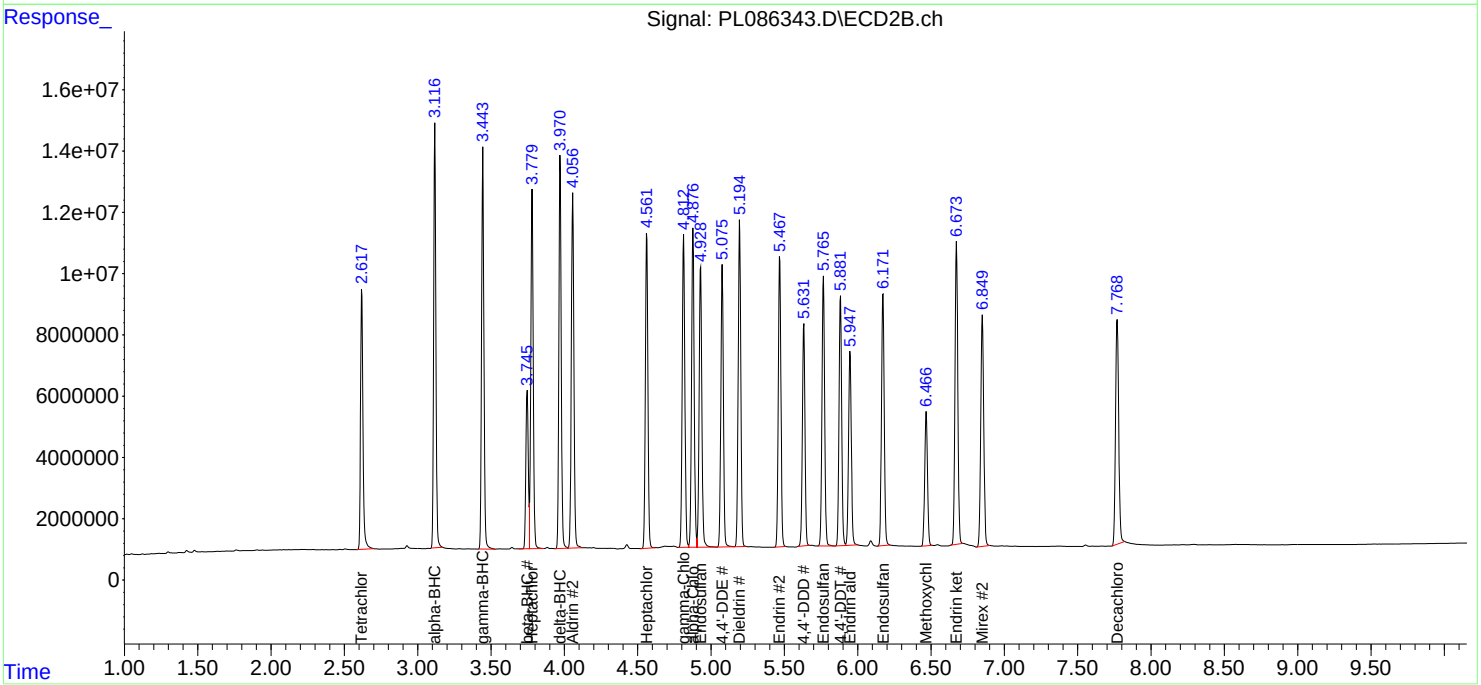
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110123\
Data File : PL086343.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Nov 2023 08:49
Operator : AR\AJ
Sample : PSTDICC100
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 02 05:14:02 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 05:13:50 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110123\
Data File : PL086344.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Nov 2023 09:03
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: Nov 02 05:17:05 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 05:16:54 2023
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...	3.353	2.618	235.4E6	70742916	74.063	73.715
28)	SA Decachlor...	8.855	7.770	186.7E6	80181876	73.598	73.685
	Target Compounds						
2)	A alpha-BHC	3.807	3.117	363.0E6	103.0E6	74.103	74.046
3)	MA gamma-BHC...	4.138	3.444	349.2E6	101.9E6	74.113	73.933
4)	MA Heptachlor	4.726	3.780	327.4E6	98473532	73.936	74.143
5)	MB Aldrin	5.065	4.056	336.1E6	98726121	74.032	74.060
6)	B beta-BHC	4.342	3.746	138.3E6	41569526	73.877	73.743
7)	B delta-BHC	4.585	3.971	335.3E6	100.1E6	73.850	74.137
8)	B Heptachlo...	5.495	4.562	291.1E6	89784446	74.050	73.863
9)	A Endosulfan I	5.880	4.929	270.9E6	86168745	73.940	74.178
10)	B gamma-Chl...	5.753	4.814	294.3E6	90547626	73.871	74.002
11)	B alpha-Chl...	5.832	4.877	293.9E6	92461425	73.924	73.953
12)	B 4,4'-DDE	6.016	5.076	240.5E6	77484401	73.677	73.851
13)	MA Dieldrin	6.156	5.195	289.2E6	92063410	73.859	73.987
14)	MA Endrin	6.385	5.468	249.8E6	84412655	73.759	73.847
15)	B Endosulfa...	6.608	5.767	236.5E6	81306445	73.968	74.073
16)	A 4,4'-DDD	6.535	5.632	178.2E6	63031132	73.619	73.744
17)	MA 4,4'-DDT	6.850	5.883	197.5E6	73066734	73.823	73.903
18)	B Endrin al...	6.739	5.948	173.7E6	60555686	73.383	73.350
19)	B Endosulfa...	6.975	6.172	224.2E6	77852329	73.734	73.808
20)	A Methoxychlor	7.336	6.467	100.6E6	42342343	73.526	73.730
21)	B Endrin ke...	7.457	6.674	237.2E6	94218351	73.830	73.935
22)	Mirex	7.930	6.851	190.8E6	79781834	73.594	73.662

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

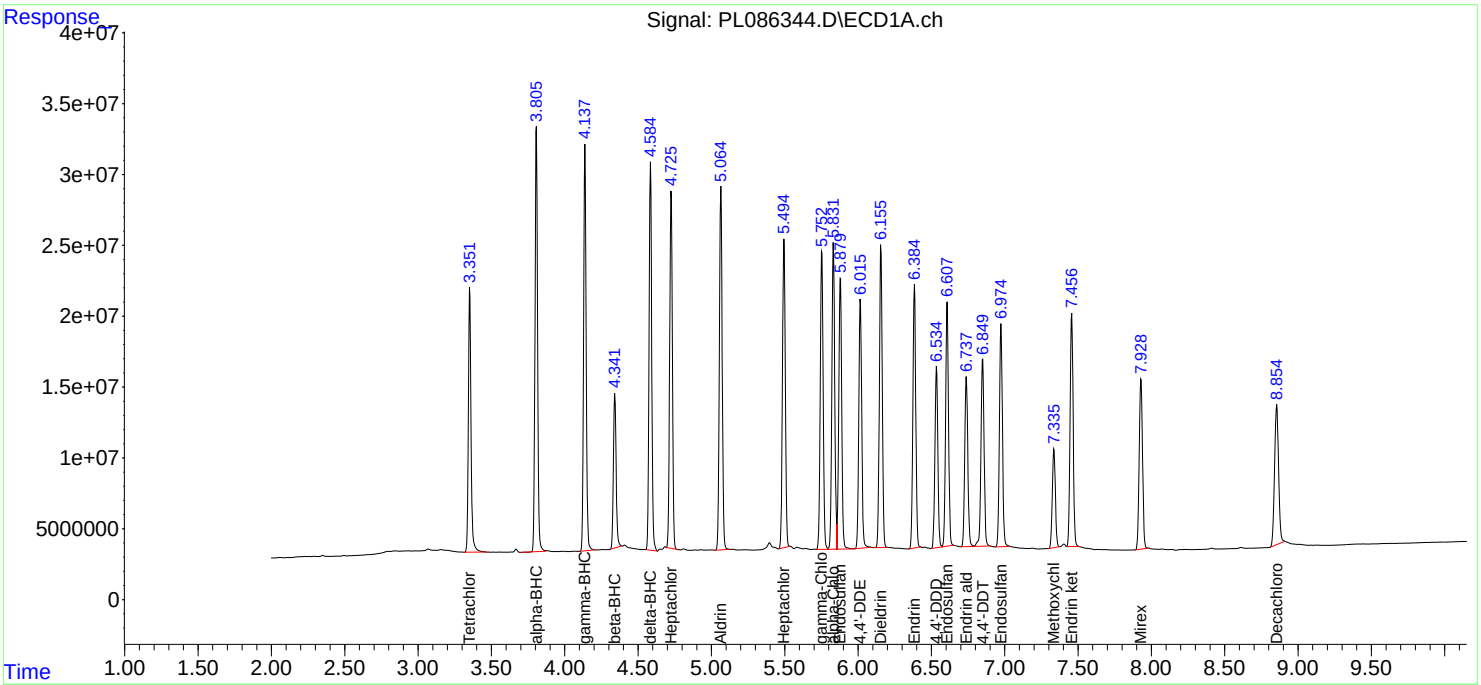
ICAL Form

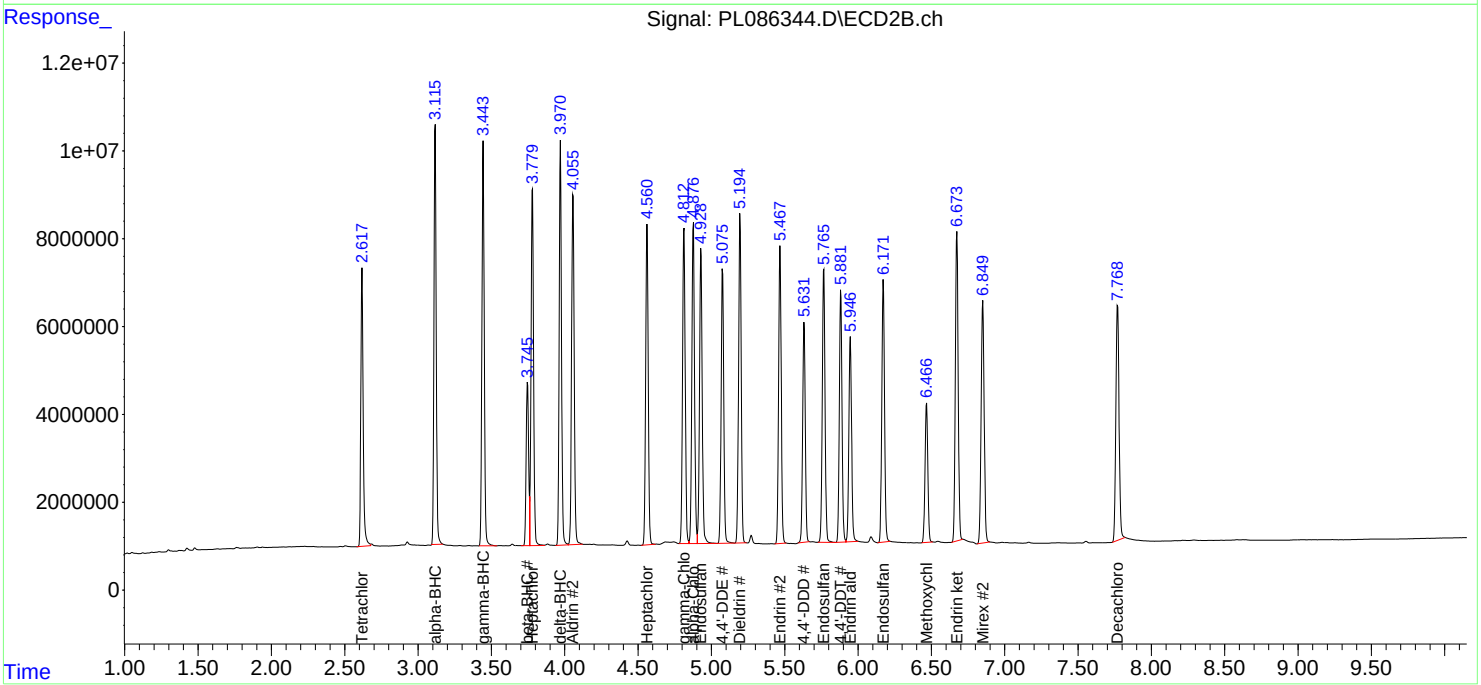
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110123\
Data File : PL086344.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Nov 2023 09:03
Operator : AR\AJ
Sample : PSTDICC075
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC075

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 02 05:17:05 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 05:16:54 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110123\
Data File : PL086345.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Nov 2023 09:17
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: Nov 02 05:06:46 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 05:05:04 2023
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...	3.353	2.618	158.5E6	47860993	50.000	50.000
28) SA	Decachlor...	8.855	7.770	128.0E6	55363057	50.000	50.000
	Target Compounds						
2) A	alpha-BHC	3.807	3.117	237.9E6	66888729	50.000	50.000
3) MA	gamma-BHC...	4.139	3.444	230.1E6	66902537	50.000	50.000
4) MA	Heptachlor	4.726	3.780	218.2E6	65108365	50.000	50.000
5) MB	Aldrin	5.065	4.057	222.3E6	64730132	50.000	50.000
6) B	beta-BHC	4.342	3.746	94096731	28329606	50.000	50.000
7) B	delta-BHC	4.585	3.972	220.8E6	64804530	50.000	50.000
8) B	Heptachlo...	5.495	4.562	195.1E6	59858792	50.000	50.000
9) A	Endosulfan I	5.879	4.929	181.9E6	57289020	50.000	50.000
10) B	gamma-Chl...	5.753	4.813	196.3E6	59678070	50.000	50.000
11) B	alpha-Chl...	5.832	4.877	196.8E6	61521030	50.000	50.000
12) B	4,4'-DDE	6.016	5.076	158.3E6	50054135	50.000	50.000
13) MA	Dieldrin	6.156	5.195	191.9E6	60319680	50.000	50.000
14) MA	Endrin	6.385	5.468	166.4E6	55631016	50.000	50.000
15) B	Endosulfa...	6.608	5.766	158.0E6	53949322	50.000	50.000
16) A	4,4'-DDD	6.535	5.632	117.4E6	41022454	50.000	50.000
17) MA	4,4'-DDT	6.850	5.883	129.1E6	47429449	50.000	50.000
18) B	Endrin al...	6.739	5.948	119.2E6	41533322	50.000	50.000
19) B	Endosulfa...	6.975	6.172	150.9E6	52168580	50.000	50.000
20) A	Methoxychlor	7.336	6.467	67944375	28766554	50.000	50.000
21) B	Endrin ke...	7.457	6.674	158.7E6	62834431	50.000	50.000
22)	Mirex	7.930	6.851	132.3E6	55162878	50.000	50.000

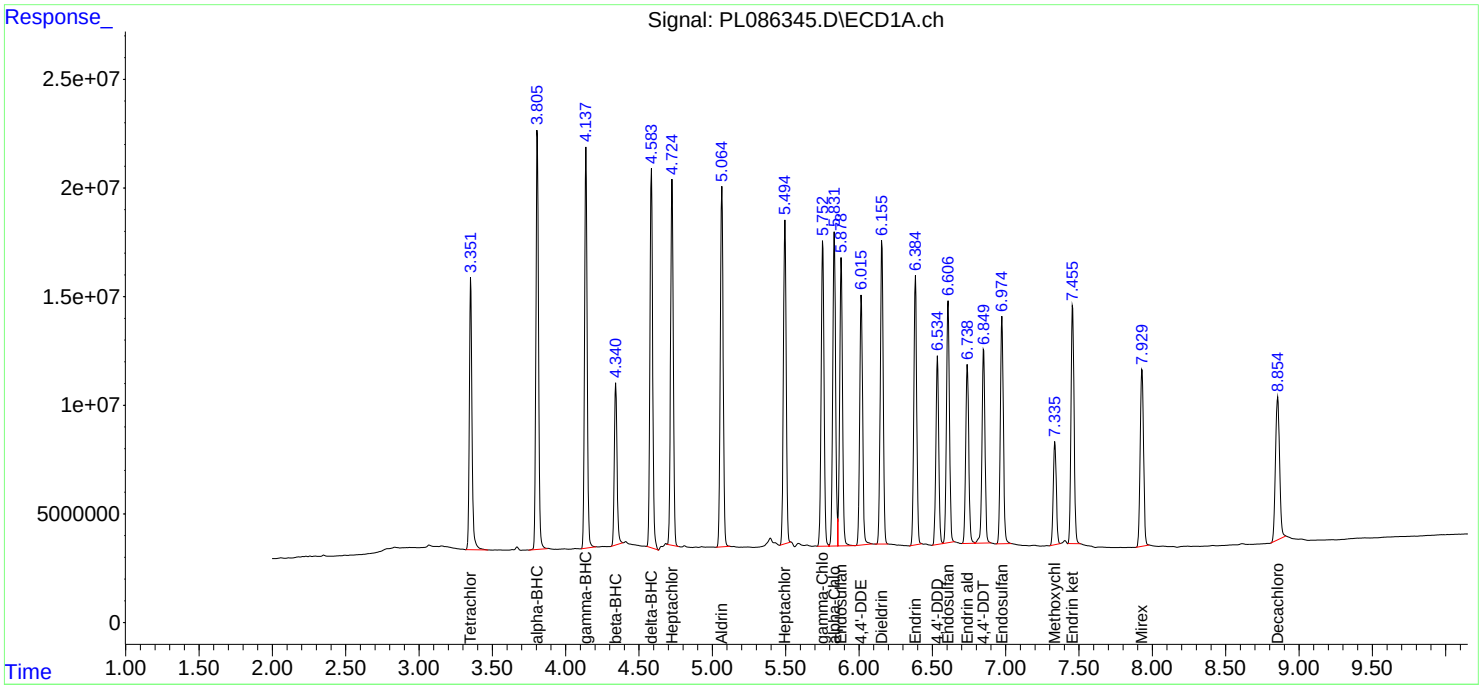
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

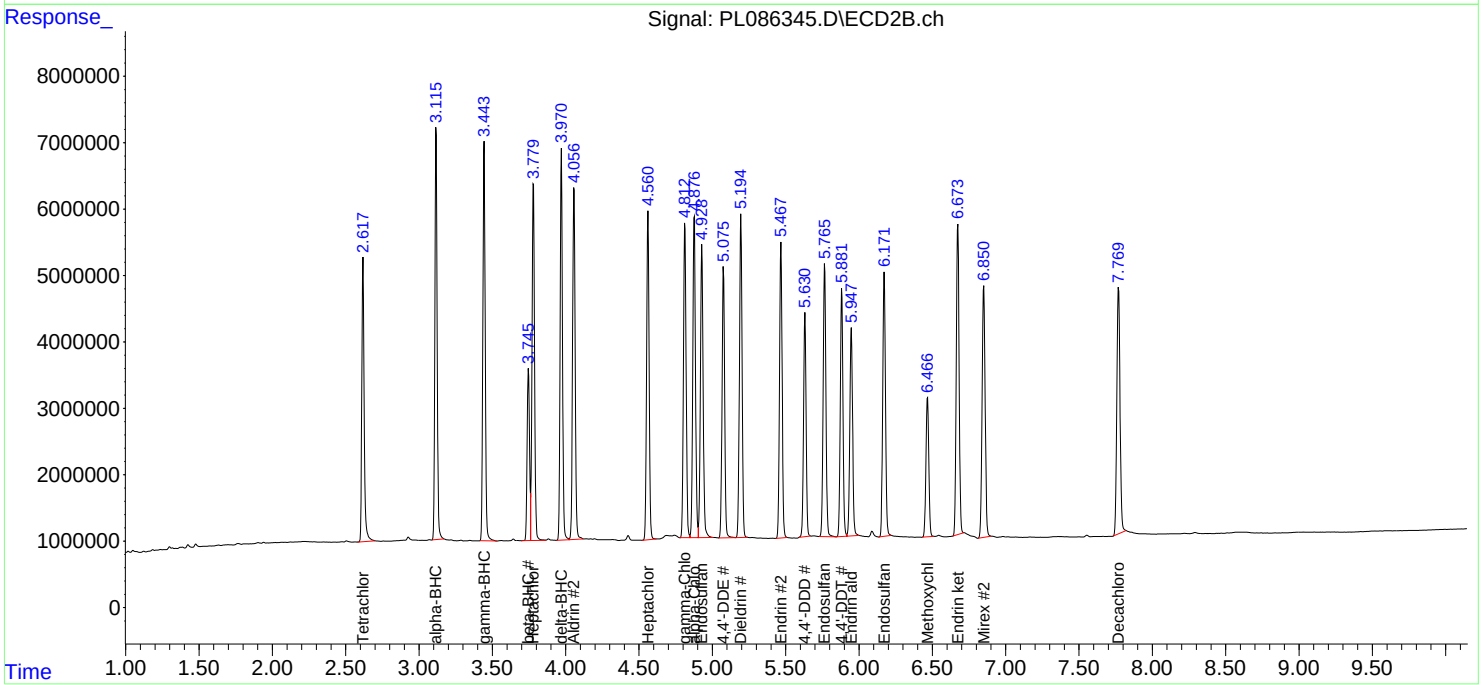
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110123\
Data File : PL086345.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Nov 2023 09:17
Operator : AR\AJ
Sample : PSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 02 05:06:46 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 05:05:04 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110123\
Data File : PL086346.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Nov 2023 09:31
Operator : AR\AJ
Sample : PSTDICC025
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 02 05:18:56 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 05:18:45 2023
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...	3.353	2.618	79126119	23687683	24.925	24.761
28) SA	Decachlor...	8.854	7.769	67585358	29528865	26.213	26.569
	Target Compounds						
2) A	alpha-BHC	3.807	3.117	113.2E6	31004494	23.548	22.903
3) MA	gamma-BHC...	4.139	3.444	110.9E6	31836612	23.891	23.548
4) MA	Heptachlor	4.726	3.780	107.0E6	31819715	24.360	24.210
5) MB	Aldrin	5.065	4.057	107.8E6	30796206	24.051	23.549
6) B	beta-BHC	4.342	3.746	48496088	14509272	25.676	25.550
7) B	delta-BHC	4.585	3.971	108.7E6	30210785	24.198	22.975
8) B	Heptachlo...	5.495	4.562	95348459	29457689	24.437	24.421
9) A	Endosulfan I	5.879	4.929	90896934	29159671	24.858	25.076
10) B	gamma-Chl...	5.753	4.814	97141501	28990350	24.532	24.007
11) B	alpha-Chl...	5.832	4.876	98161182	30537082	24.769	24.566
12) B	4,4'-DDE	6.016	5.076	76599601	23554347	23.835	23.037
13) MA	Dieldrin	6.156	5.195	93817128	28987410	24.215	23.700
14) MA	Endrin	6.384	5.469	81826035	26779939	24.368	23.802
15) B	Endosulfa...	6.608	5.767	79611166	26716641	24.923	24.501
16) A	4,4'-DDD	6.534	5.632	57631641	19677146	24.098	23.486
17) MA	4,4'-DDT	6.849	5.883	63655674	22909119	24.081	23.603
18) B	Endrin al...	6.739	5.948	61283222	21220788	25.657	25.525
19) B	Endosulfa...	6.975	6.172	76519516	26284196	25.122	24.939
20) A	Methoxychlor	7.335	6.467	34832608	14890135	25.336	25.690
21) B	Endrin ke...	7.457	6.674	79080951	31016828	24.713	24.501
22)	Mirex	7.929	6.851	69966947	29269322	26.457	26.488

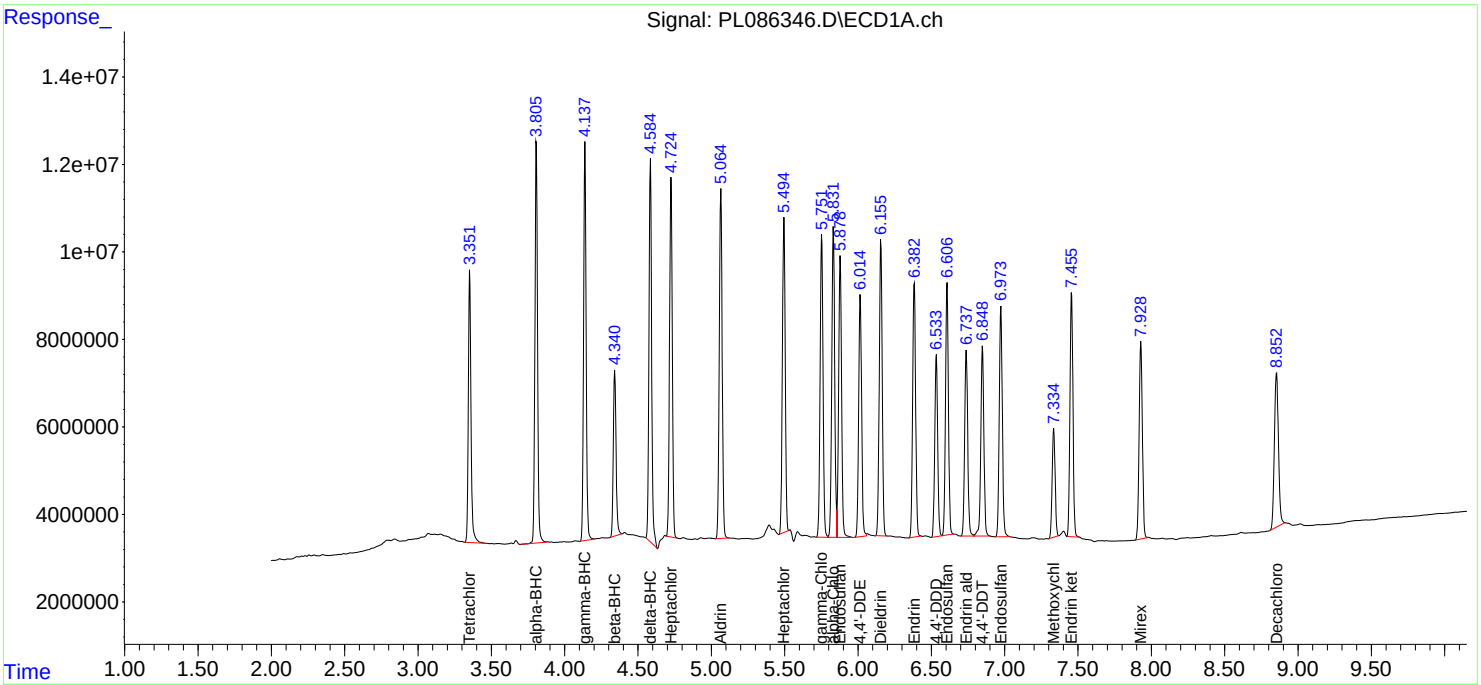
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

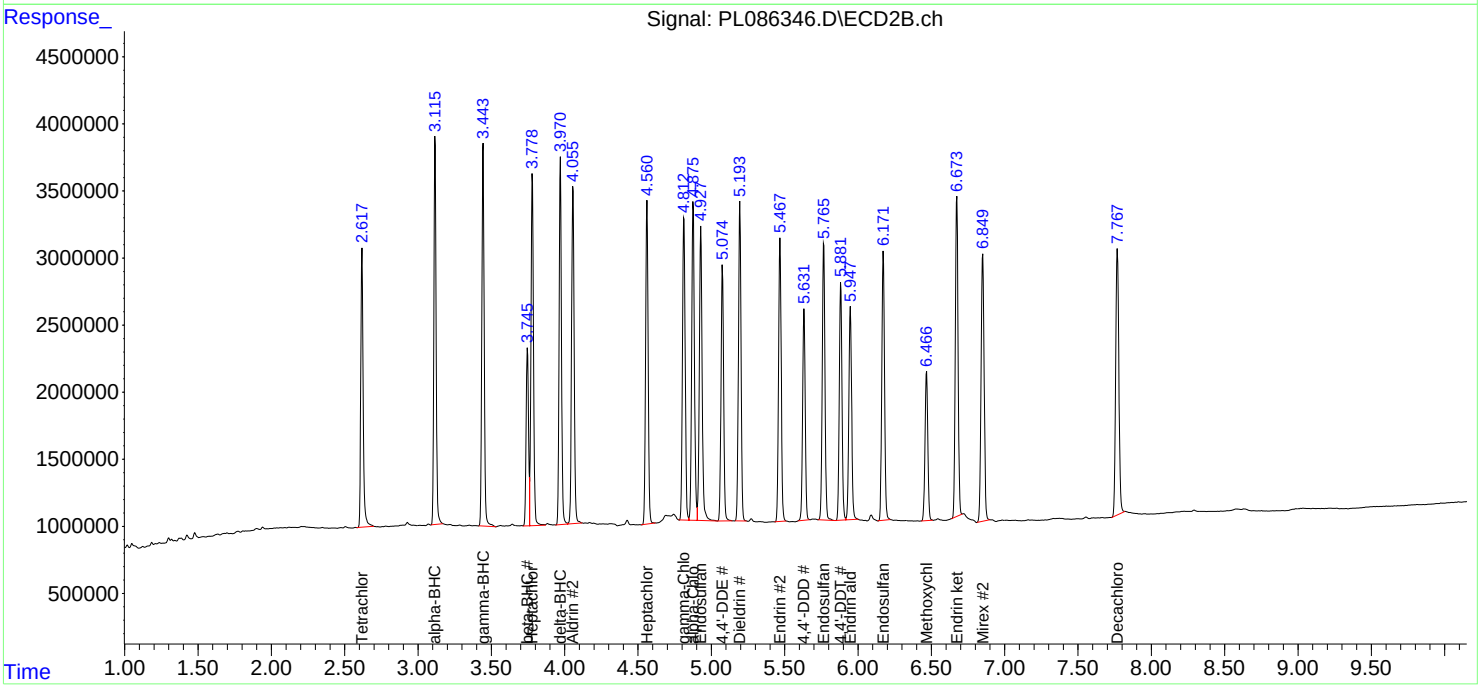
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110123\
Data File : PL086346.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Nov 2023 09:31
Operator : AR\AJ
Sample : PSTDICC025
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 02 05:18:56 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 05:18:45 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110123\
Data File : PL086347.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Nov 2023 09:45
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 02 05:21:42 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 05:21:32 2023
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...	3.352	2.618	15847159	4666894	4.994	4.902
28)	SA Decachlor...	8.854	7.770	14553419	6447742	5.503	5.621
	Target Compounds						
2)	A alpha-BHC	3.806	3.116	21878429	5368700	4.635	4.137
3)	MA gamma-BHC...	4.138	3.444	21054357	5798782	4.621	4.415
4)	MA Heptachlor	4.725	3.780	21142465	6145926	4.851	4.738
5)	MB Aldrin	5.065	4.056	21043446	5703413	4.752	4.476
6)	B beta-BHC	4.342	3.746	11533795	2990604	5.848	5.211
7)	B delta-BHC	4.583	3.971	19240684	5302720	4.414m	4.195
8)	B Heptachlo...	5.494	4.561	18654446	5763500	4.840m	4.821
9)	A Endosulfan I	5.879	4.927	18763189	6413629	5.104	5.393m
10)	B gamma-Chl...	5.753	4.813	20000933	5432585	5.041	4.591
11)	B alpha-Chl...	5.832	4.877	20251452	6368887	5.088	5.098
12)	B 4,4'-DDE	6.016	5.076	15063780	4222293	4.747	4.279
13)	MA Dieldrin	6.156	5.194	18632873	5392086	4.846	4.515
14)	MA Endrin	6.385	5.468	16297189	5046069	4.882	4.579
15)	B Endosulfa...	6.608	5.767	16627802	5139257	5.163	4.768
16)	A 4,4'-DDD	6.534	5.632	11463183	3605644	4.833	4.427
17)	MA 4,4'-DDT	6.849	5.883	12355785	4156525	4.736	4.409
18)	B Endrin al...	6.739	5.948	13079952	4454769	5.374	5.283
19)	B Endosulfa...	6.975	6.173	16280164	5278304	5.272	5.007
20)	A Methoxychlor	7.336	6.468	7179092	3016013	5.176	5.161
21)	B Endrin ke...	7.457	6.674	15783887	5861001	4.946	4.699
22)	Mirex	7.930	6.851	15318350	6501523	5.614	5.683

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110123\
Data File : PL086347.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Nov 2023 09:45
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

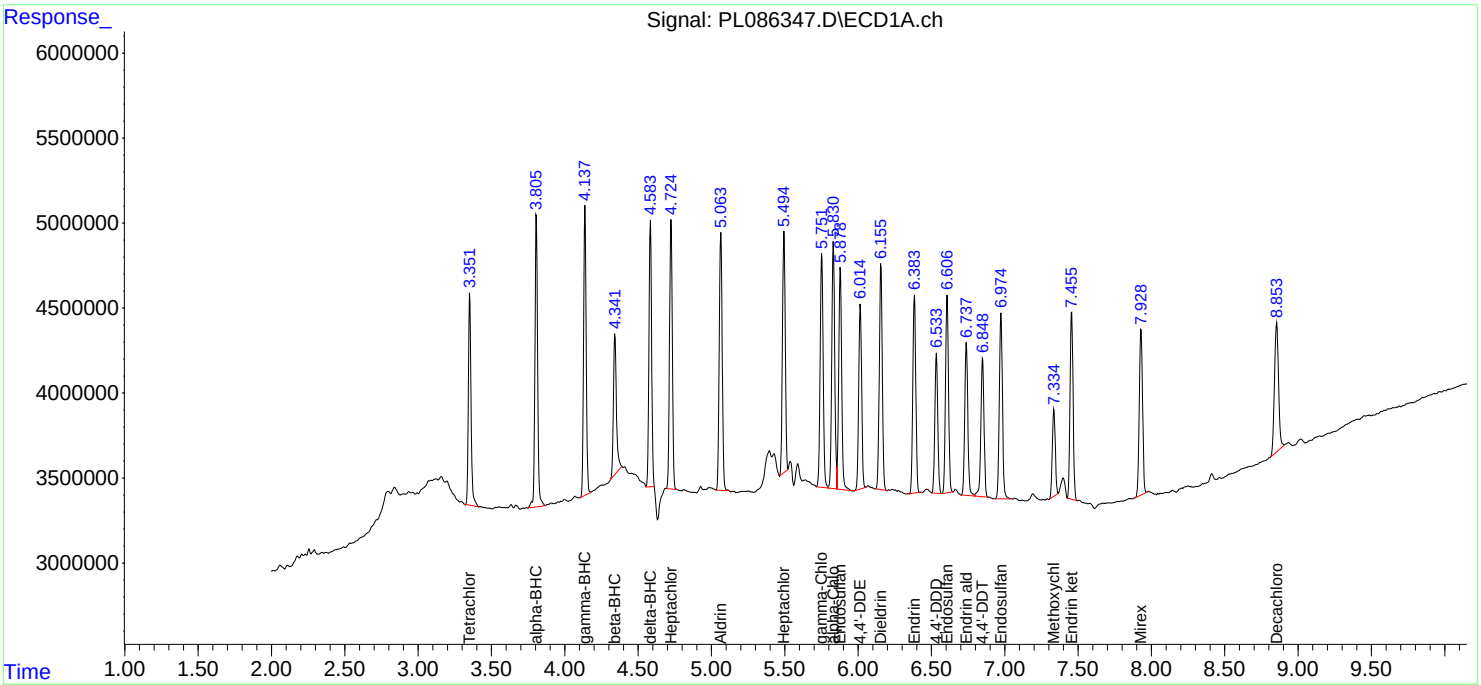
Instrument :
ECD_L
ClientSampleId :
PSTDICC005

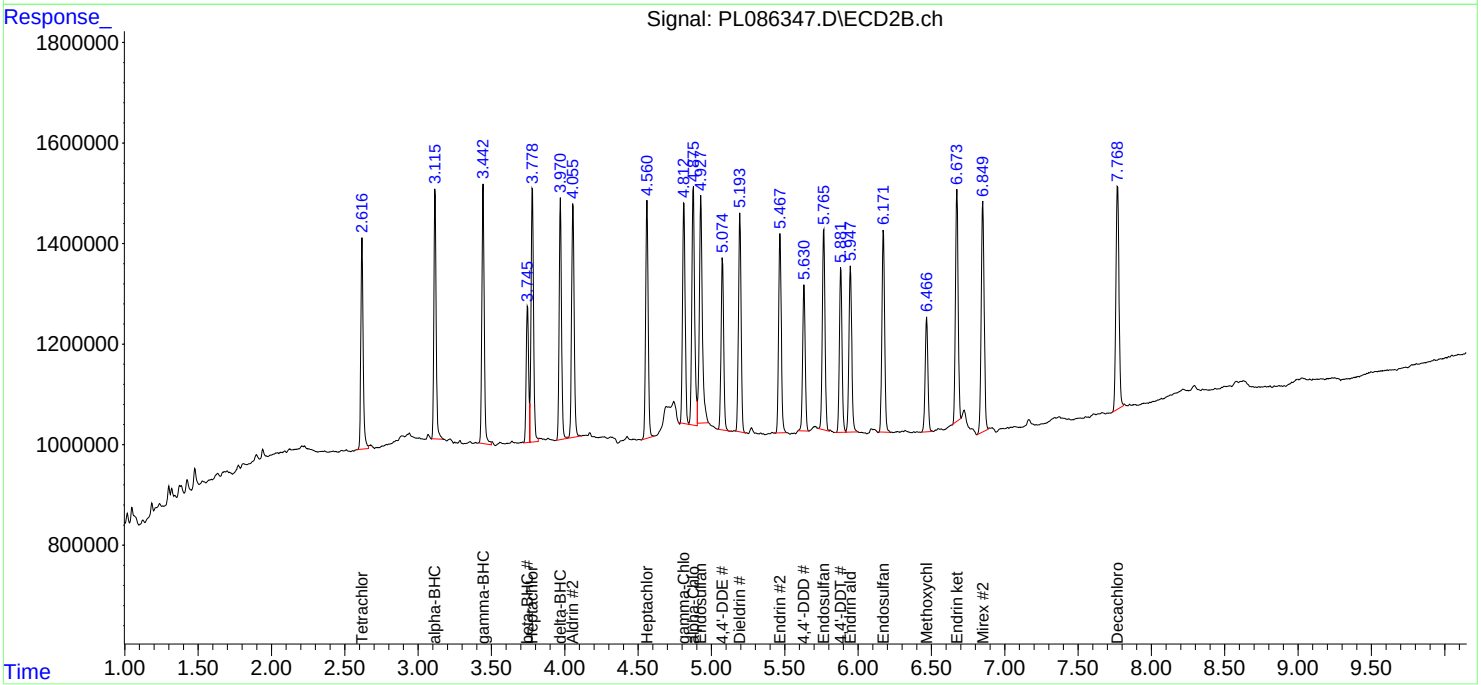
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 02 05:21:42 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 05:21:32 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110123\
Data File : PL086350.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Nov 2023 10:26
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: Nov 02 01:58:41 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 01:55:59 2023
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...	3.353	2.617	151.8E6	58060773	50.000	50.000
28)	SA Decachlor...	8.856	7.770	123.3E6	55210823	50.000	50.000
	Target Compounds						
23)	Chlordane-1	4.510	3.606	67286089	17093327	500.000	500.000
24)	Chlordane-2	5.043	4.185	73117310	22188234	500.000	500.000
25)	Chlordane-3	5.754	4.813	285.2E6	59573383	500.000	500.000
26)	Chlordane-4	5.837	4.875	351.8E6	65526286	500.000	500.000
27)	Chlordane-5	6.683	5.546	54555080	17240518	500.000	500.000

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

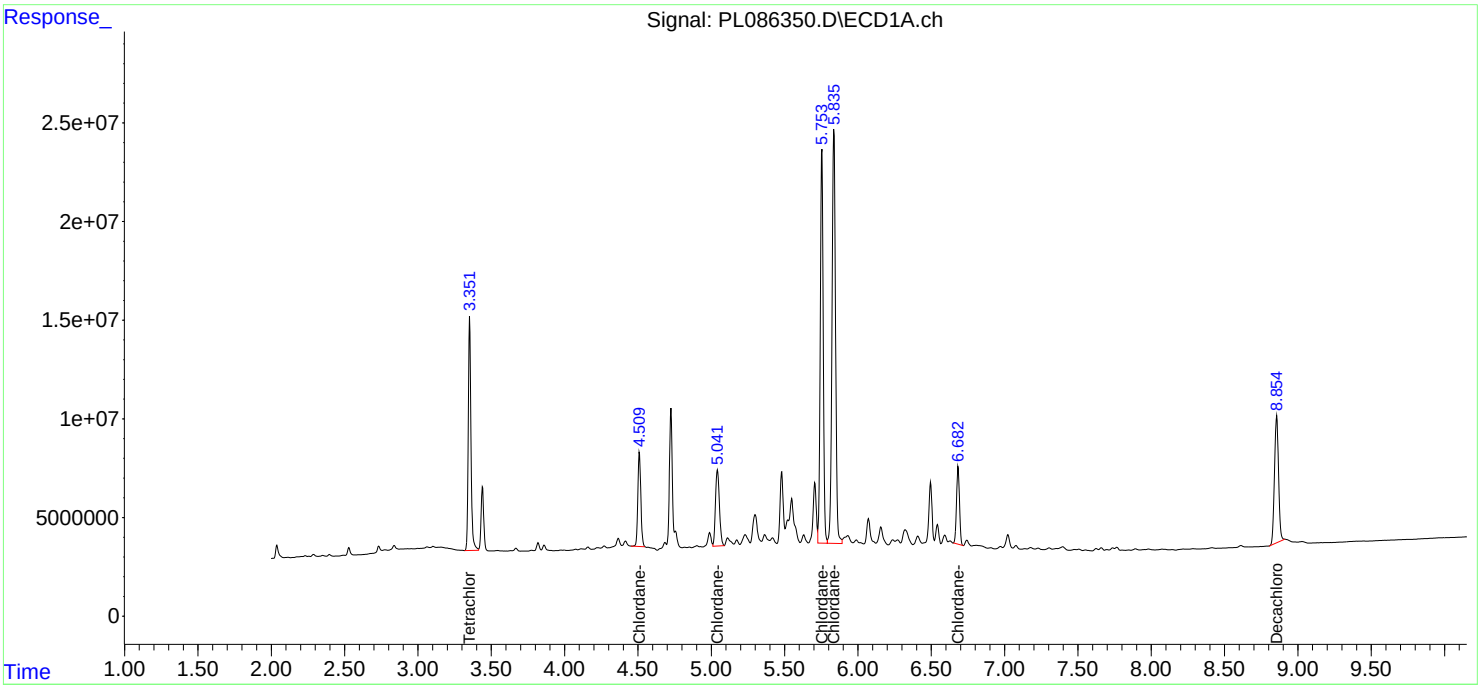
ICAL Form

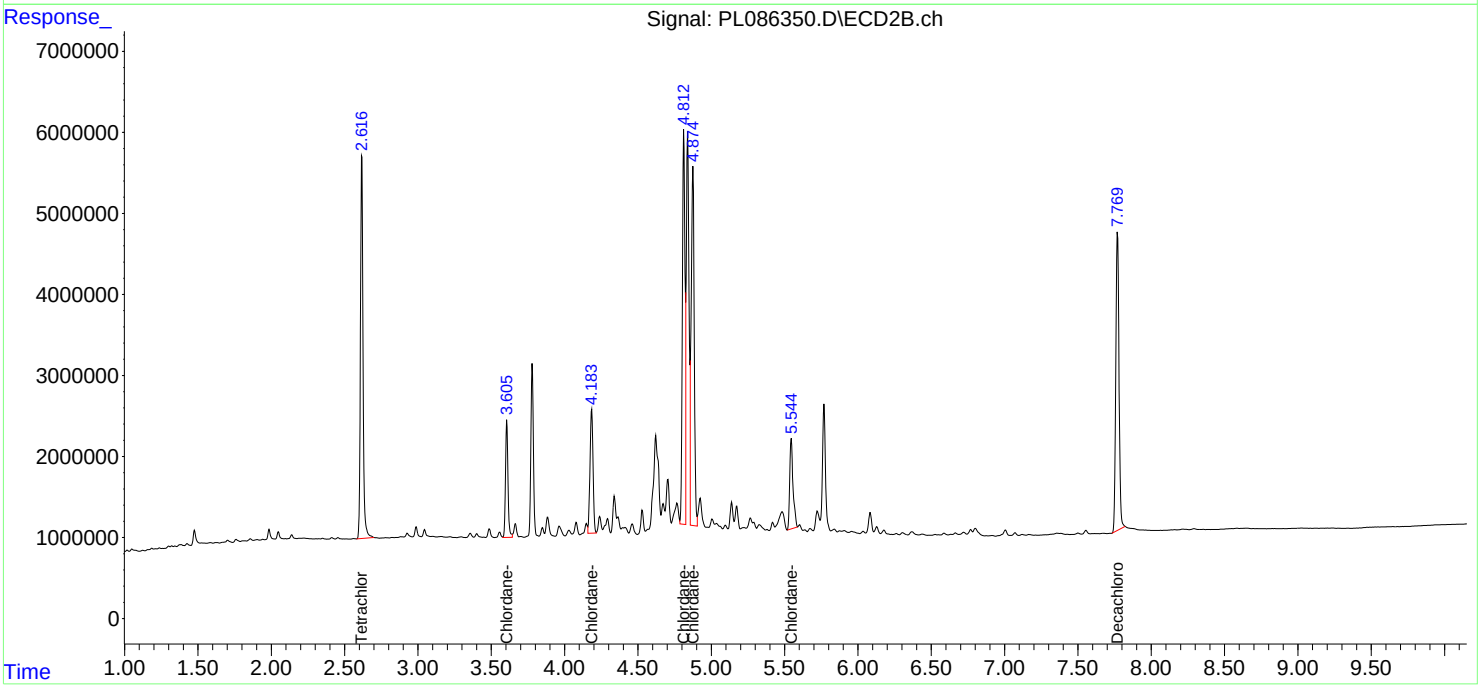
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110123\
Data File : PL086350.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Nov 2023 10:26
Operator : AR\AJ
Sample : PCHLORICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PCHLORICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 02 01:58:41 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 01:55:59 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110123\
Data File : PL086355.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Nov 2023 11:35
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: Nov 02 05:36:44 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 05:35:46 2023
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...	3.353	2.618	155.5E6	46677079	50.000	50.000
7) SA	Decachlor...	8.853	7.770	132.5E6	56806476	50.000	50.000
	Target Compounds						
2)	Toxaphene-1	6.054	5.165	12386860	2887206	500.000	500.000
3)	Toxaphene-2	6.455	5.524	10096479	3425652	500.000	500.000
4)	Toxaphene-3	6.966	6.438	32682530	13215995	500.000	500.000
5)	Toxaphene-4	7.063	6.565	19796250	18430787	500.000	500.000
6)	Toxaphene-5	7.751	6.879	23130229	12544890	500.000	500.000

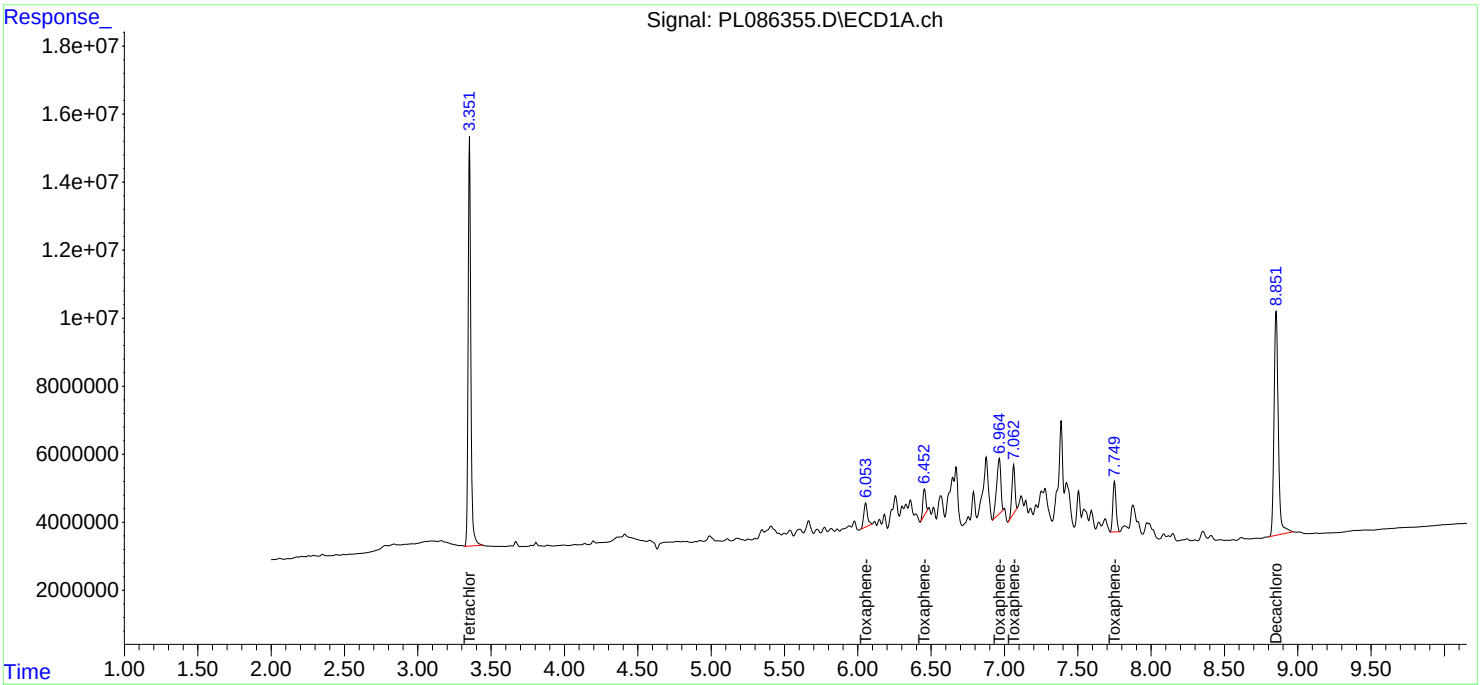
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

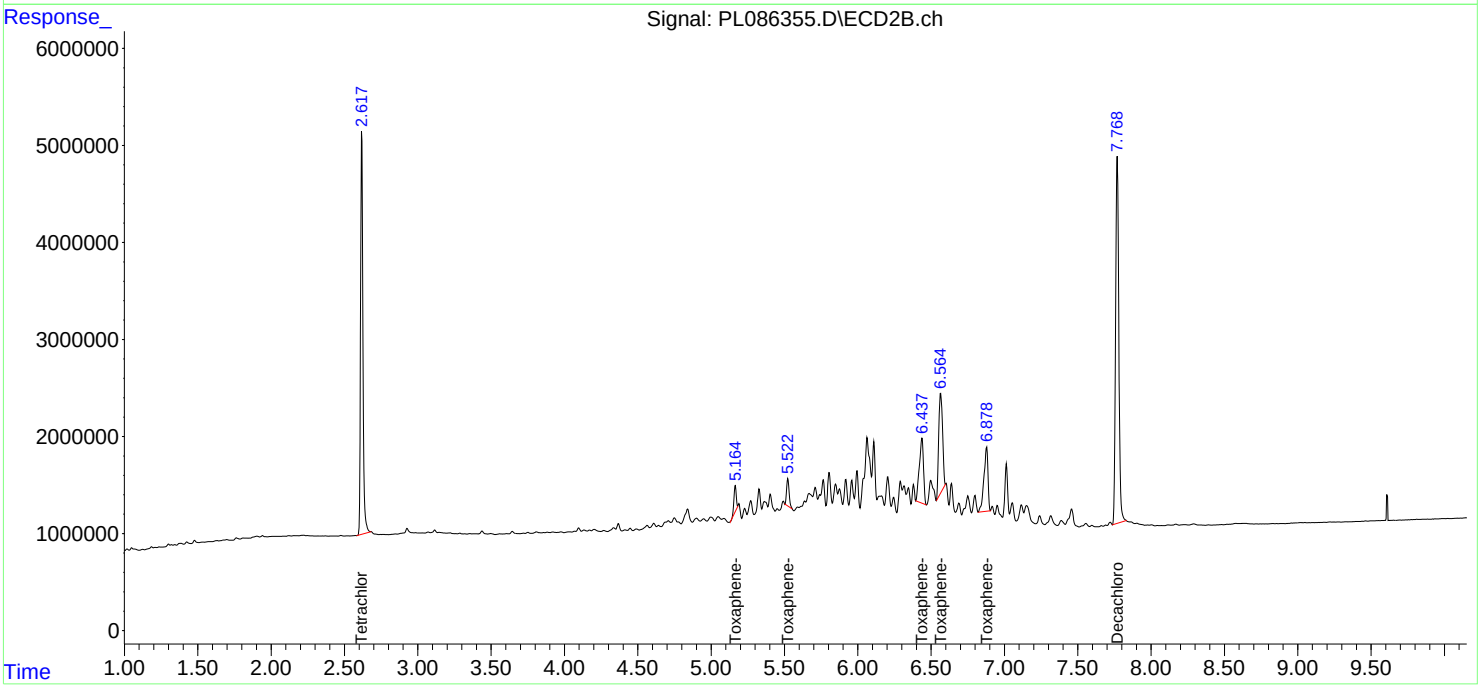
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110123\
Data File : PL086355.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Nov 2023 11:35
Operator : AR\AJ
Sample : PTOXICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PTOXICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 02 05:36:44 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 05:35:46 2023
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110123\
Data File : PL086358.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Nov 2023 12:16
Operator : AR\AJ
Sample : PSTDICV050
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ICVPL110123

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 02 05:07:28 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 05:05:04 2023
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...	3.352	2.618	154.0E6	46684569	48.567	48.771
28)	SA Decachlor...	8.853	7.770	124.5E6	55470044	48.651	50.097
	Target Compounds						
2)	A alpha-BHC	3.807	3.117	232.1E6	65181050	48.783	48.723
3)	MA gamma-BHC...	4.138	3.444	226.2E6	65235299	49.165	48.754
4)	MA Heptachlor	4.725	3.780	213.4E6	63951878	48.891	49.112
5)	MB Aldrin	5.065	4.057	218.2E6	63796180	49.075	49.279
6)	B beta-BHC	4.341	3.746	91432540	27801140	48.584	49.067
7)	B delta-BHC	4.585	3.971	214.7E6	63321678	48.615	48.856
8)	B Heptachlo...	5.495	4.561	192.2E6	59155206	49.252	49.412
9)	A Endosulfan I	5.879	4.929	179.5E6	56237879	49.323	49.083
10)	B gamma-Chl...	5.753	4.813	193.5E6	59087104	49.286	49.505
11)	B alpha-Chl...	5.832	4.876	193.6E6	60870810	49.178	49.472
12)	B 4,4'-DDE	6.016	5.076	154.8E6	49803904	48.904	49.750
13)	MA Dieldrin	6.156	5.194	189.2E6	59820505	49.275	49.586
14)	MA Endrin	6.385	5.468	163.0E6	54975303	48.985	49.411
15)	B Endosulfa...	6.607	5.767	155.1E6	53724718	49.079	49.792
16)	A 4,4'-DDD	6.535	5.632	115.6E6	41197164	49.235	50.213
17)	MA 4,4'-DDT	6.850	5.883	124.2E6	46929250	48.078	49.473
18)	B Endrin al...	6.739	5.948	119.5E6	42163692	50.109	50.759
19)	B Endosulfa...	6.976	6.173	147.6E6	51893409	48.891	49.736
20)	A Methoxychlor	7.336	6.467	66287702	28642657	48.781	49.785
21)	B Endrin ke...	7.457	6.674	154.7E6	62898354	48.740	50.051
22)	Mirex	7.930	6.851	130.2E6	55229966	49.208	50.061

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

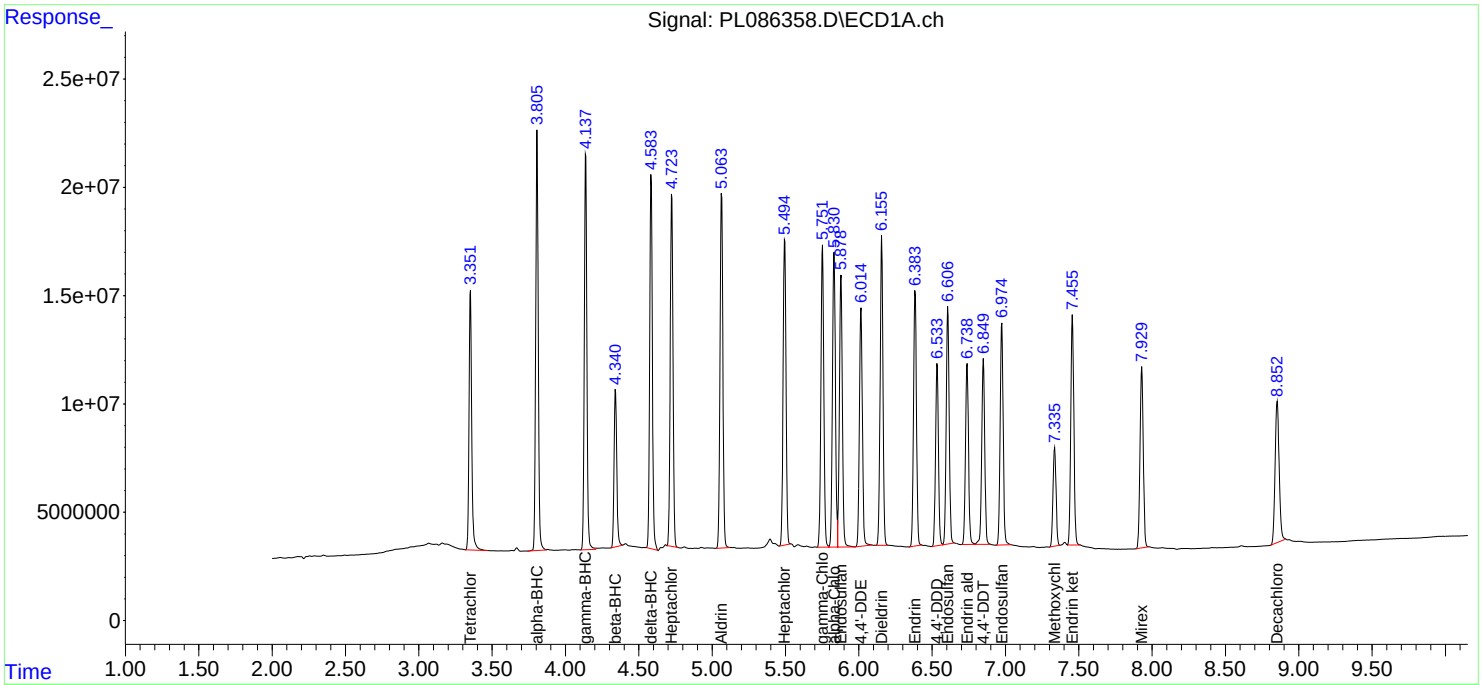
ICAL Form

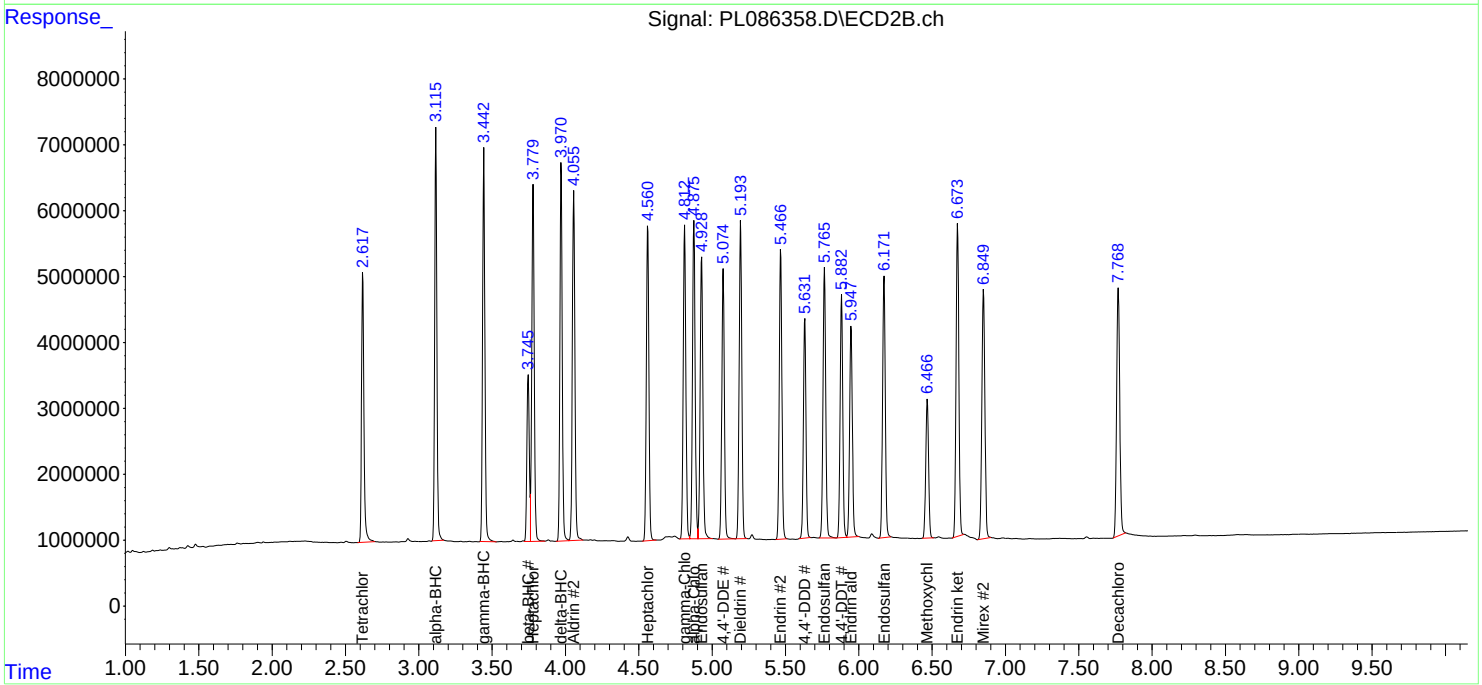
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110123\
Data File : PL086358.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Nov 2023 12:16
Operator : AR\AJ
Sample : PSTDICV050
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ICVPL110123

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 02 05:07:28 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 05:05:04 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110123\
Data File : PL086359.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Nov 2023 12:30
Operator : AR\AJ
Sample : PCHLORICV500
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ICVPL110123CHLOR

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 02 01:59:22 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 01:55:59 2023
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...	3.352	2.617	156.1E6	58720572	51.416	50.568
28)	SA Decachlor...	8.854	7.770	126.9E6	57270192	51.471	51.865
	Target Compounds						
23)	Chlordane-1	4.509	3.607	69196989	17531017	514.200	512.803
24)	Chlordane-2	5.042	4.184	75769416	22676571	518.136	511.004
25)	Chlordane-3	5.753	4.813	295.4E6	61435072	518.018	515.625
26)	Chlordane-4	5.836	4.875	364.9E6	67255295	518.684	513.193
27)	Chlordane-5	6.683	5.545	56150179	17802593	514.619	516.301

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

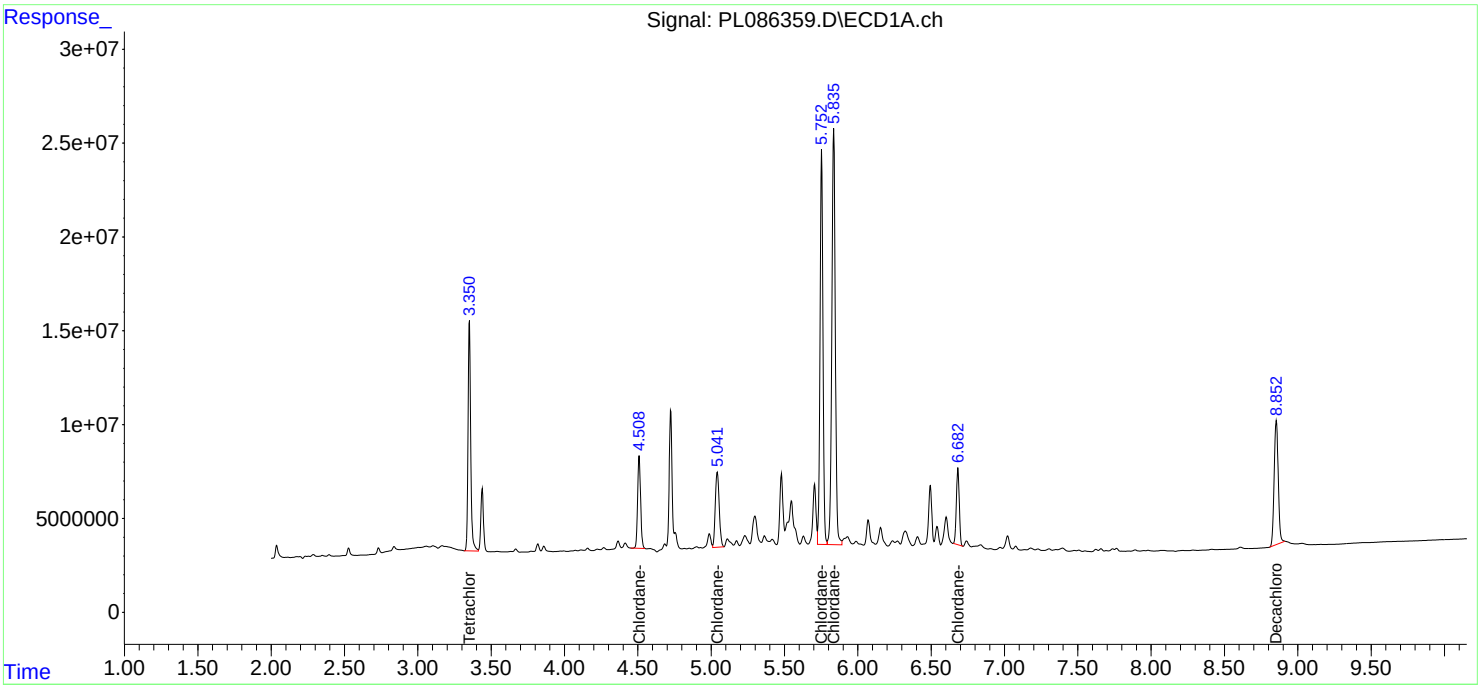
ICAL Form

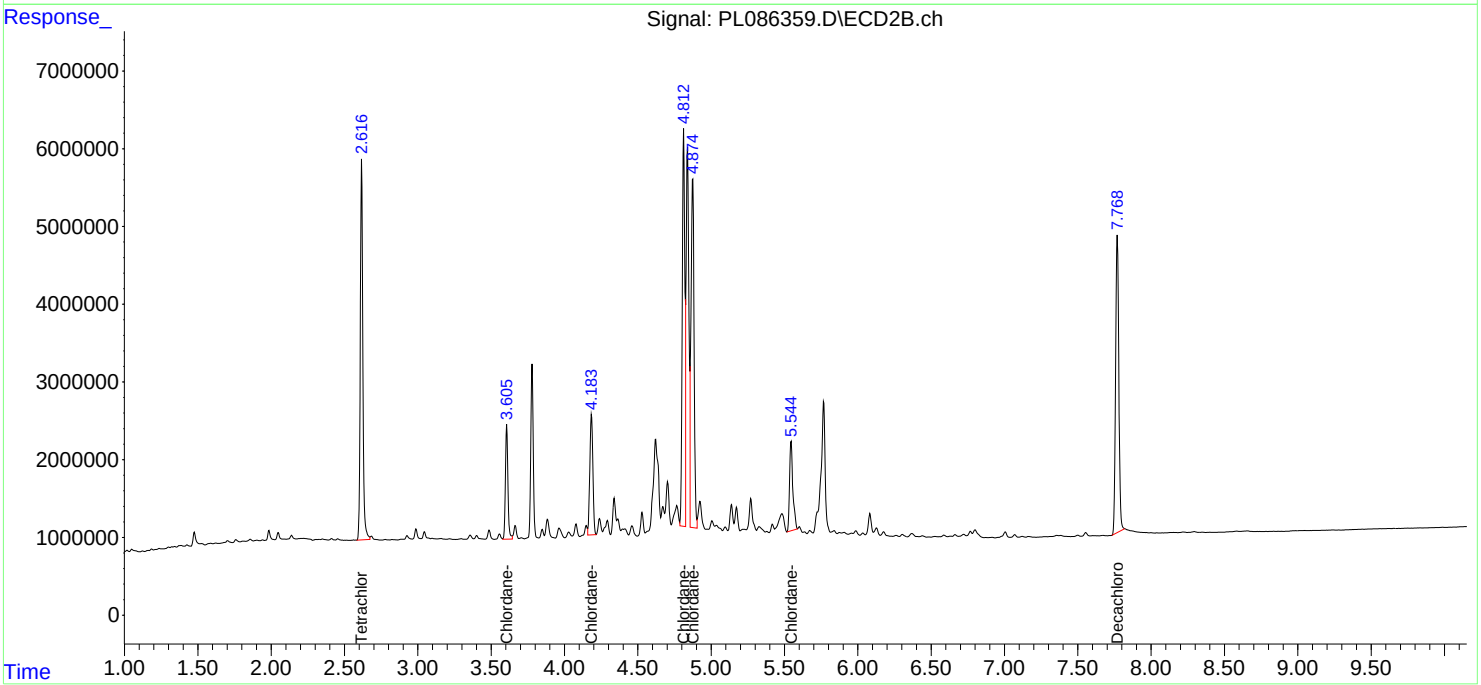
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110123\
Data File : PL086359.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Nov 2023 12:30
Operator : AR\AJ
Sample : PCHLORICV500
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ICVPL110123CHLOR

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 02 01:59:22 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 01:55:59 2023
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





ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110123\
Data File : PL086360.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Nov 2023 12:44
Operator : AR\AJ
Sample : PTOXICV500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ICVPL110123TOX

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 02 05:37:08 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 05:35:46 2023
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...	3.352	2.618	155.7E6	45887952	50.059	49.155
7) SA	Decachlor...	8.855	7.769	130.7E6	55525627	49.331	48.873
	Target Compounds						
2)	Toxaphene-1	6.053	5.164	12573649	2823094	507.540	488.897
3)	Toxaphene-2	6.454	5.523	10049394	3447738	497.668	503.224
4)	Toxaphene-3	6.965	6.438	32557349	12751289	498.085	482.419
5)	Toxaphene-4	7.063	6.565	19666072	18214399	496.712	494.130
6)	Toxaphene-5	7.751	6.878	22901823	12108299	495.063	482.599

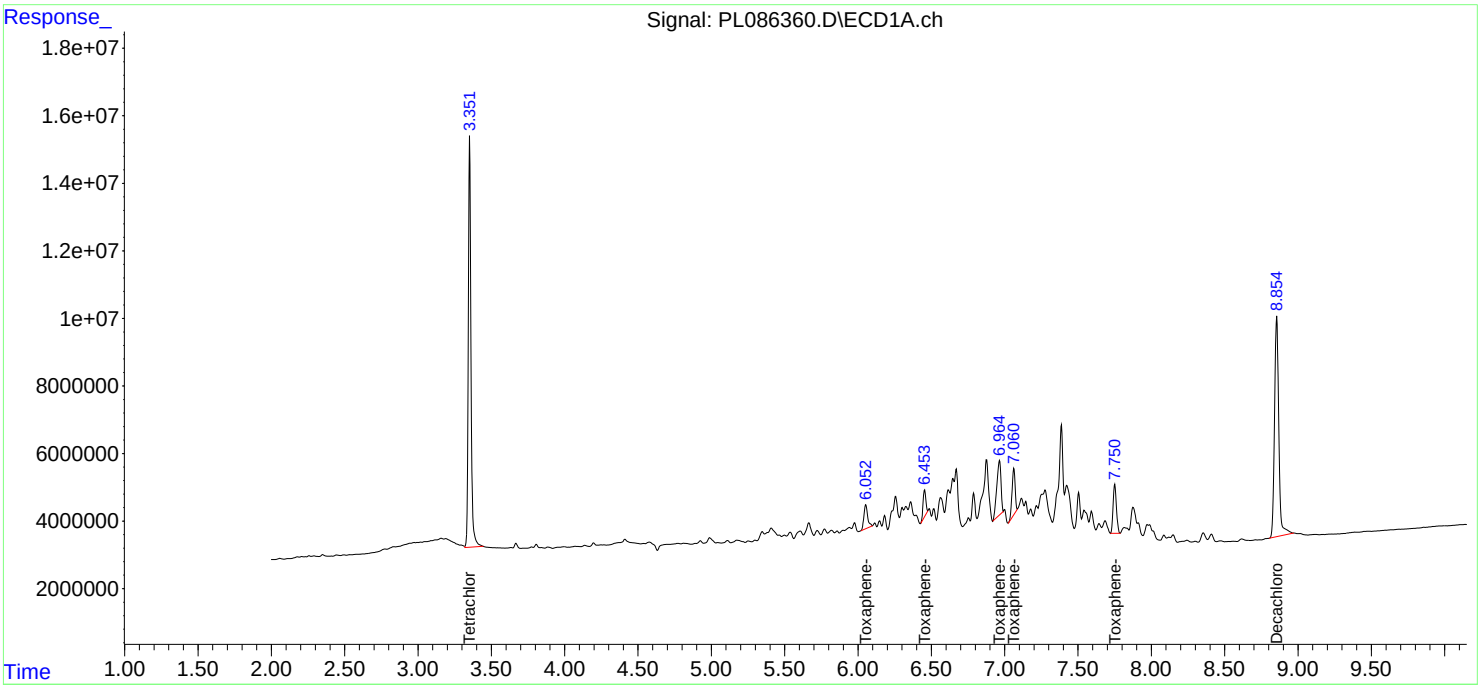
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

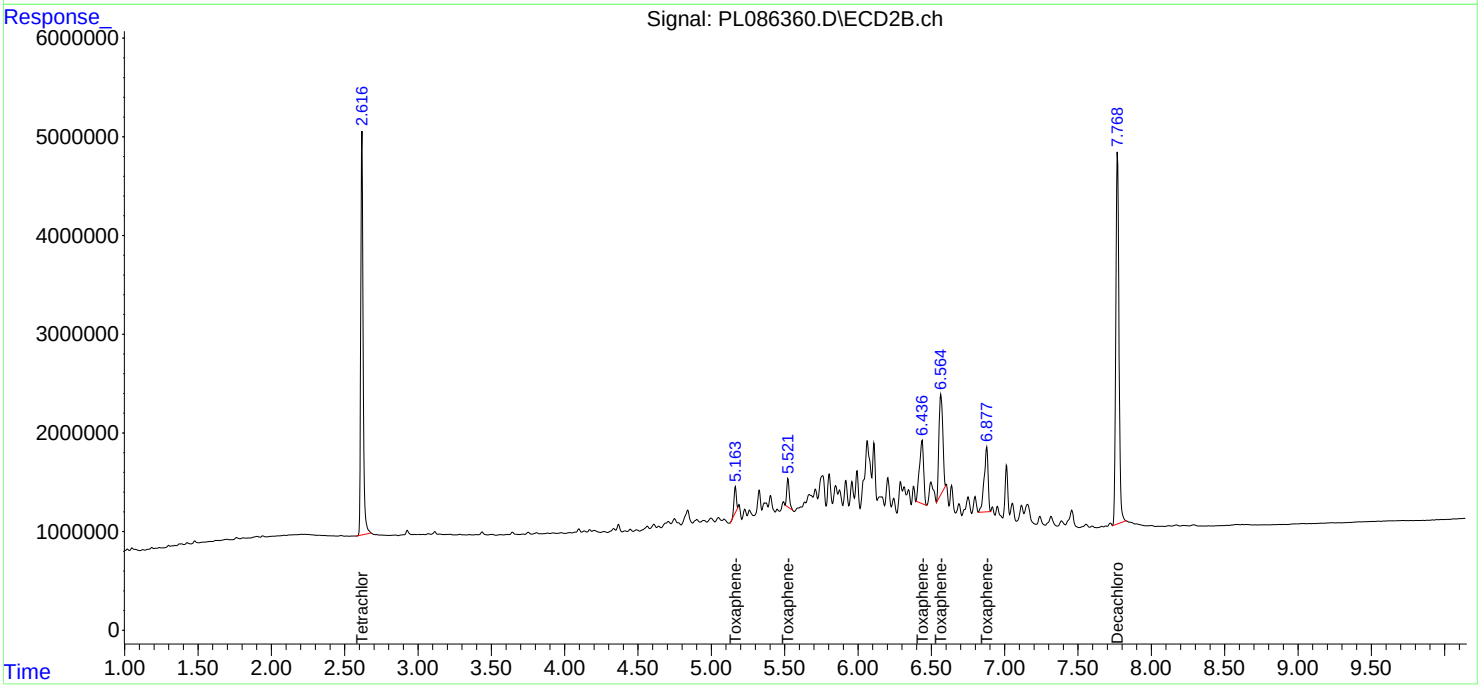
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110123\
Data File : PL086360.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Nov 2023 12:44
Operator : AR\AJ
Sample : PTOXICV500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ICVPL110123TOX

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 02 05:37:08 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 05:35:46 2023
Response via : Initial Calibration
Integrator: ChemStation

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





Raw Data: **PL086474.D**

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: RMJE02

Lab Code: CHEM **Case No.:** O5252 **SAS No.:** O5252 **SDG NO.:** O5252

Continuing Calib Date: 11/06/2023 **Initial Calibration Date(s):** 11/01/2023 11/01/2023

Continuing Calib Time: 15:59 **Initial Calibration Time(s):** 08:49 09:45

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.85	8.86	8.76	8.96	0.01
Tetrachloro-m-xylene	3.35	3.35	3.25	3.45	0.00
alpha-BHC	3.81	3.81	3.71	3.91	0.00
beta-BHC	4.34	4.34	4.24	4.44	0.00
delta-BHC	4.59	4.59	4.49	4.69	0.00
gamma-BHC (Lindane)	4.14	4.14	4.04	4.24	0.00
Heptachlor	4.73	4.73	4.63	4.83	0.00
Aldrin	5.07	5.07	4.97	5.17	0.00
Heptachlor epoxide	5.50	5.50	5.40	5.60	0.00
Endosulfan I	5.88	5.88	5.78	5.98	0.00
Dieldrin	6.16	6.16	6.06	6.26	0.00
4,4'-DDE	6.02	6.02	5.92	6.12	0.00
Endrin	6.39	6.39	6.29	6.49	0.00
Endosulfan II	6.61	6.61	6.51	6.71	0.00
4,4'-DDD	6.54	6.54	6.44	6.64	0.01
Endosulfan sulfate	6.98	6.98	6.88	7.08	0.01
4,4'-DDT	6.85	6.85	6.75	6.95	0.00
Methoxychlor	7.34	7.34	7.24	7.44	0.00
Endrin ketone	7.46	7.46	7.36	7.56	0.00
Endrin aldehyde	6.74	6.74	6.64	6.84	0.00
alpha-Chlordane	5.83	5.83	5.73	5.93	0.00
gamma-Chlordane	5.75	5.75	5.65	5.85	0.00

Raw Data: **PL086474.D**

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: RMJE02

Lab Code: CHEM **Case No.:** O5252 **SAS No.:** O5252 **SDG NO.:** O5252

Continuing Calib Date: 11/06/2023 **Initial Calibration Date(s):** 11/01/2023 11/01/2023

Continuing Calib Time: 15:59 **Initial Calibration Time(s):** 08:49 09:45

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	7.77	7.77	7.67	7.87	0.00
Tetrachloro-m-xylene	2.62	2.62	2.52	2.72	0.00
alpha-BHC	3.12	3.12	3.02	3.22	0.00
beta-BHC	3.75	3.75	3.65	3.85	0.00
delta-BHC	3.97	3.97	3.87	4.07	0.00
gamma-BHC (Lindane)	3.44	3.44	3.34	3.54	0.00
Heptachlor	3.78	3.78	3.68	3.88	0.00
Aldrin	4.06	4.06	3.96	4.16	0.00
Heptachlor epoxide	4.56	4.56	4.46	4.66	0.00
Endosulfan I	4.93	4.93	4.83	5.03	0.00
Dieldrin	5.20	5.20	5.10	5.30	0.00
4,4'-DDE	5.08	5.08	4.98	5.18	0.00
Endrin	5.47	5.47	5.37	5.57	0.00
Endosulfan II	5.77	5.77	5.67	5.87	0.00
4,4'-DDD	5.63	5.63	5.53	5.73	0.00
Endosulfan sulfate	6.17	6.17	6.07	6.27	0.00
4,4'-DDT	5.88	5.88	5.78	5.98	0.00
Methoxychlor	6.47	6.47	6.37	6.57	0.00
Endrin ketone	6.67	6.67	6.57	6.77	0.00
Endrin aldehyde	5.95	5.95	5.85	6.05	0.00
alpha-Chlordane	4.88	4.88	4.78	4.98	0.00
gamma-Chlordane	4.81	4.81	4.71	4.91	0.00

Raw Data: **PL086474.D**

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: RMJE02

Lab Code: CHEM **Case No.:** O5252 **SAS No.:** O5252 **SDG NO.:** O5252

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/01/2023 11/01/2023

Client Sample No.: CCAL01 **Date Analyzed:** 11/06/2023

Lab Sample No.: PSTDCCC050 **Data File :** PL086474.D **Time Analyzed:** 15:59

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.535	6.435	6.635	51.670	50.000	3.3
4,4'-DDE	6.016	5.916	6.116	50.560	50.000	1.1
4,4'-DDT	6.850	6.750	6.950	50.630	50.000	1.3
Aldrin	5.066	4.965	5.165	47.920	50.000	-4.2
alpha-BHC	3.808	3.707	3.907	48.680	50.000	-2.6
alpha-Chlordane	5.833	5.732	5.932	46.040	50.000	-7.9
beta-BHC	4.343	4.242	4.442	45.550	50.000	-8.9
Decachlorobiphenyl	8.854	8.755	8.955	48.770	50.000	-2.5
delta-BHC	4.586	4.485	4.685	47.130	50.000	-5.7
Dieldrin	6.156	6.056	6.256	45.720	50.000	-8.6
Endosulfan I	5.879	5.779	5.979	46.470	50.000	-7.1
Endosulfan II	6.608	6.508	6.708	47.280	50.000	-5.4
Endosulfan sulfate	6.975	6.875	7.075	45.650	50.000	-8.7
Endrin	6.385	6.285	6.485	45.980	50.000	-8.0
Endrin aldehyde	6.739	6.639	6.839	45.540	50.000	-8.9
Endrin ketone	7.457	7.357	7.557	47.260	50.000	-5.5
gamma-BHC (Lindane)	4.139	4.039	4.239	47.780	50.000	-4.4
gamma-Chlordane	5.753	5.653	5.853	45.850	50.000	-8.3
Heptachlor	4.726	4.626	4.826	48.200	50.000	-3.6
Heptachlor epoxide	5.496	5.395	5.595	46.970	50.000	-6.1
Methoxychlor	7.336	7.236	7.436	51.240	50.000	2.5
Tetrachloro-m-xylene	3.354	3.253	3.453	48.440	50.000	-3.1

Raw Data: **PL086474.D**

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: RMJE02

Lab Code: CHEM **Case No.:** O5252 **SAS No.:** O5252 **SDG NO.:** O5252

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/01/2023 11/01/2023

Client Sample No.: CCAL01 **Date Analyzed:** 11/06/2023

Lab Sample No.: PSTDCCC050 **Data File :** PL086474.D **Time Analyzed:** 15:59

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.632	5.532	5.732	53.780	50.000	7.6
4,4'-DDE	5.076	4.976	5.176	53.510	50.000	7.0
4,4'-DDT	5.882	5.783	5.983	52.520	50.000	5.0
Aldrin	4.057	3.957	4.157	51.390	50.000	2.8
alpha-BHC	3.117	3.017	3.217	51.930	50.000	3.9
alpha-Chlordane	4.876	4.777	4.977	48.390	50.000	-3.2
beta-BHC	3.746	3.646	3.846	50.510	50.000	1.0
Decachlorobiphenyl	7.769	7.670	7.870	46.260	50.000	-7.5
delta-BHC	3.971	3.872	4.072	51.190	50.000	2.4
Dieldrin	5.195	5.095	5.295	50.250	50.000	0.5
Endosulfan I	4.929	4.829	5.029	47.220	50.000	-5.6
Endosulfan II	5.766	5.666	5.866	49.250	50.000	-1.5
Endosulfan sulfate	6.171	6.072	6.272	50.430	50.000	0.9
Endrin	5.468	5.368	5.568	48.370	50.000	-3.3
Endrin aldehyde	5.947	5.848	6.048	50.430	50.000	0.9
Endrin ketone	6.674	6.574	6.774	48.910	50.000	-2.2
gamma-BHC (Lindane)	3.444	3.344	3.544	51.130	50.000	2.3
gamma-Chlordane	4.813	4.713	4.913	49.900	50.000	-0.2
Heptachlor	3.780	3.680	3.880	51.200	50.000	2.4
Heptachlor epoxide	4.561	4.462	4.662	49.660	50.000	-0.7
Methoxychlor	6.467	6.367	6.567	51.210	50.000	2.4
Tetrachloro-m-xylene	2.618	2.518	2.718	50.750	50.000	1.5

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110623\
Data File : PL086474.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2023 15:59
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 20:30:49 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 05:32:51 2023
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...	3.354	2.618	153.7E6	48314971	48.437	50.752
28) SA	Decachlor...	8.854	7.769	129.0E6	53061933	48.768	46.260
	Target Compounds						
2) A	alpha-BHC	3.808	3.117	229.8E6	67394893	48.675	51.932
3) MA	gamma-BHC...	4.139	3.444	217.7E6	67158591	47.776	51.127
4) MA	Heptachlor	4.726	3.780	210.1E6	66422165	48.197	51.201
5) MB	Aldrin	5.066	4.057	212.2E6	65494668	47.917	51.395
6) B	beta-BHC	4.343	3.746	89839613	28987114	45.549	50.507
7) B	delta-BHC	4.586	3.971	205.6E6	64700193	47.132	51.185
8) B	Heptachlo...	5.496	4.561	181.6E6	59369478	46.966	49.660
9) A	Endosulfan I	5.879	4.929	170.8E6	56041075	46.473	47.220
10) B	gamma-Chl...	5.753	4.813	181.9E6	59047316	45.852	49.897
11) B	alpha-Chl...	5.833	4.876	183.3E6	60443568	46.039	48.385
12) B	4,4'-DDE	6.016	5.076	160.5E6	52801896	50.565	53.506
13) MA	Dieldrin	6.156	5.195	175.8E6	60003524	45.723	50.247
14) MA	Endrin	6.385	5.468	153.5E6	53298012	45.977	48.368
15) B	Endosulfa...	6.608	5.766	152.3E6	53082973	47.284	49.247
16) A	4,4'-DDD	6.535	5.632	122.6E6	43803223	51.672	53.781
17) MA	4,4'-DDT	6.850	5.882	132.1E6	49511753	50.626	52.519
18) B	Endrin al...	6.739	5.947	110.9E6	42529102	45.542	50.432
19) B	Endosulfa...	6.975	6.171	141.0E6	53166813	45.654	50.430
20) A	Methoxychlor	7.336	6.467	71067289	29924903	51.238	51.212
21) B	Endrin ke...	7.457	6.674	150.8E6	61003972	47.258	48.913
22)	Mirex	7.929	6.850	118.5E6	52043239	43.432	45.490

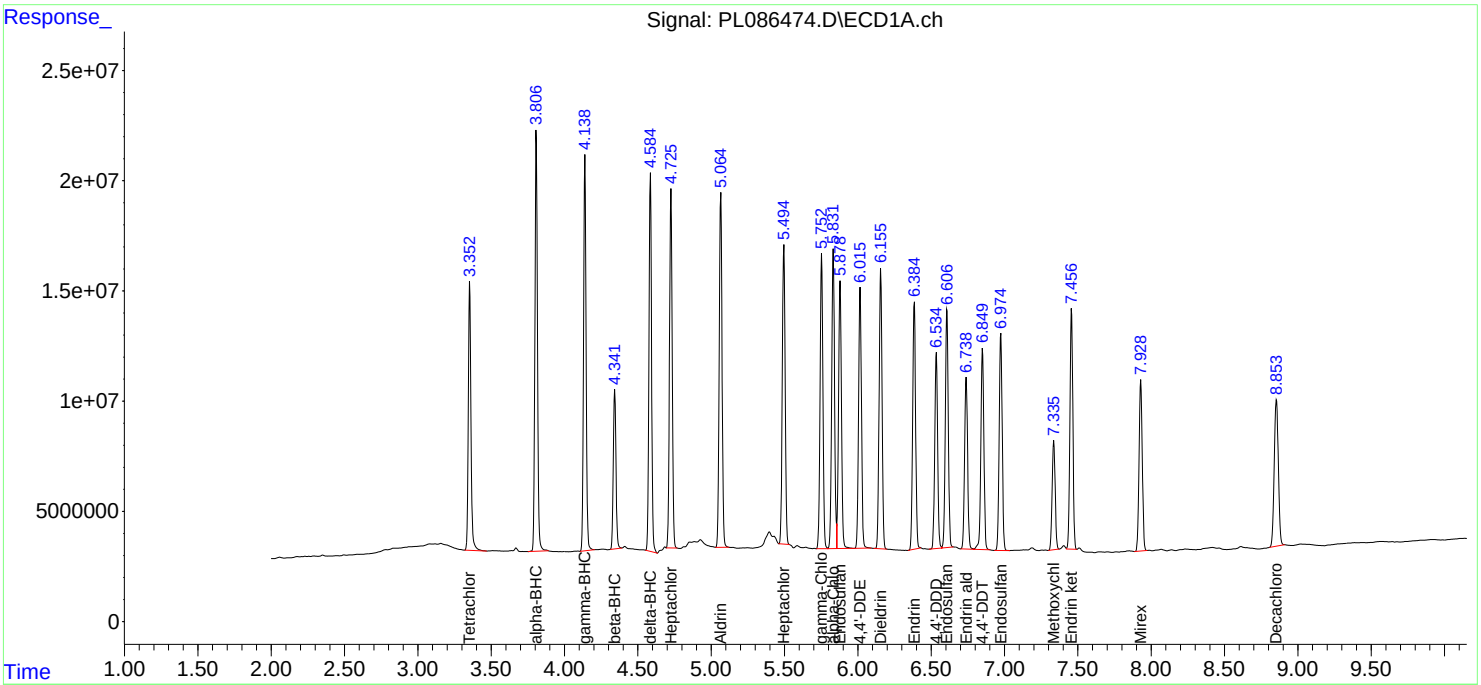
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

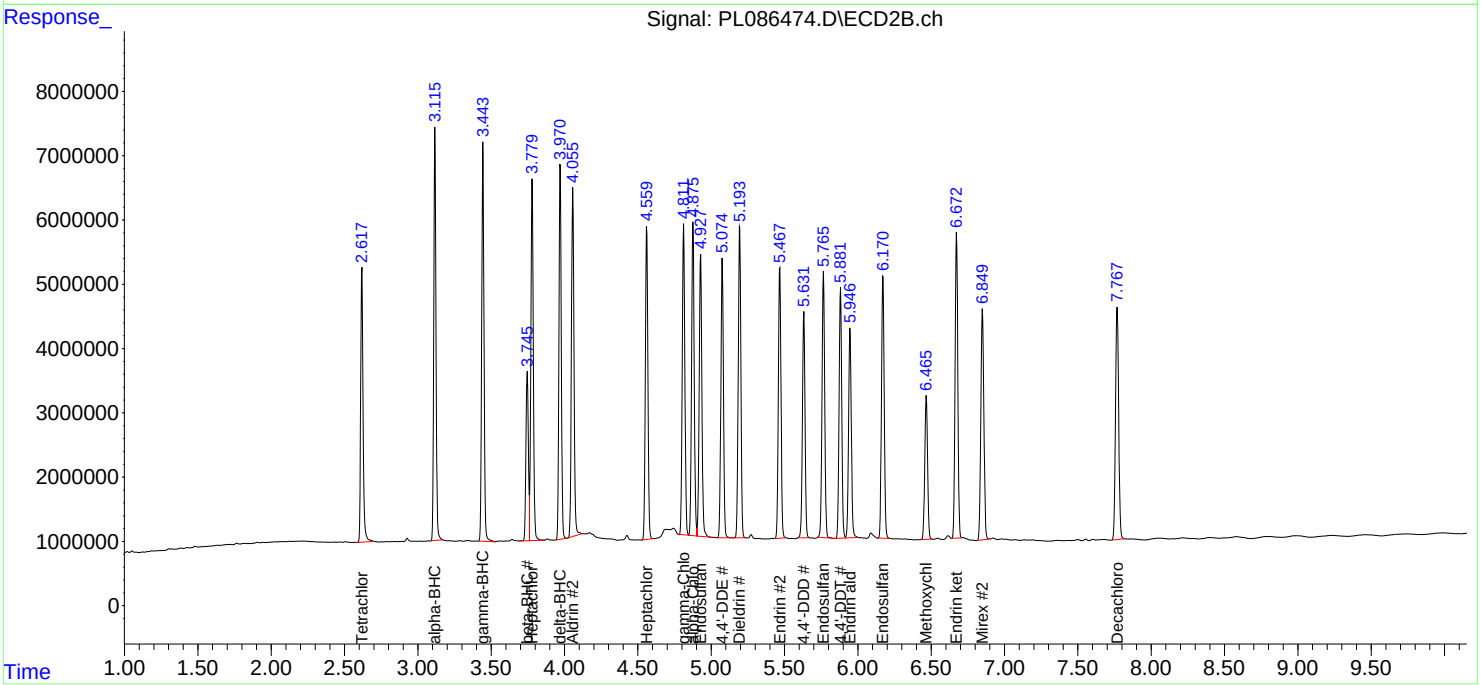
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110623\
Data File : PL086474.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2023 15:59
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 20:30:49 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 05:32:51 2023
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





Raw Data: **PL086485.D**

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: RMJE02

Lab Code: CHEM **Case No.:** O5252 **SAS No.:** O5252 **SDG NO.:** O5252

Continuing Calib Date: 11/06/2023 **Initial Calibration Date(s):** 11/01/2023 11/01/2023

Continuing Calib Time: 18:49 **Initial Calibration Time(s):** 08:49 09:45

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.86	8.86	8.76	8.96	0.01
Tetrachloro-m-xylene	3.35	3.35	3.25	3.45	0.00
alpha-BHC	3.81	3.81	3.71	3.91	0.00
beta-BHC	4.34	4.34	4.24	4.44	0.00
delta-BHC	4.59	4.59	4.49	4.69	0.00
gamma-BHC (Lindane)	4.14	4.14	4.04	4.24	0.00
Heptachlor	4.73	4.73	4.63	4.83	0.00
Aldrin	5.07	5.07	4.97	5.17	0.00
Heptachlor epoxide	5.50	5.50	5.40	5.60	0.00
Endosulfan I	5.88	5.88	5.78	5.98	0.00
Dieldrin	6.16	6.16	6.06	6.26	0.00
4,4'-DDE	6.02	6.02	5.92	6.12	0.00
Endrin	6.39	6.39	6.29	6.49	0.00
Endosulfan II	6.61	6.61	6.51	6.71	0.00
4,4'-DDD	6.54	6.54	6.44	6.64	0.01
Endosulfan sulfate	6.98	6.98	6.88	7.08	0.01
4,4'-DDT	6.85	6.85	6.75	6.95	0.00
Methoxychlor	7.34	7.34	7.24	7.44	0.00
Endrin ketone	7.46	7.46	7.36	7.56	0.00
Endrin aldehyde	6.74	6.74	6.64	6.84	0.00
alpha-Chlordane	5.83	5.83	5.73	5.93	0.00
gamma-Chlordane	5.75	5.75	5.65	5.85	0.00

Raw Data: **PL086485.D**

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: RMJE02

Lab Code: CHEM **Case No.:** O5252 **SAS No.:** O5252 **SDG NO.:** O5252

Continuing Calib Date: 11/06/2023 **Initial Calibration Date(s):** 11/01/2023 11/01/2023

Continuing Calib Time: 18:49 **Initial Calibration Time(s):** 08:49 09:45

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	7.77	7.77	7.67	7.87	0.00
Tetrachloro-m-xylene	2.62	2.62	2.52	2.72	0.00
alpha-BHC	3.12	3.12	3.02	3.22	0.00
beta-BHC	3.75	3.75	3.65	3.85	0.00
delta-BHC	3.97	3.97	3.87	4.07	0.00
gamma-BHC (Lindane)	3.44	3.44	3.34	3.54	0.00
Heptachlor	3.78	3.78	3.68	3.88	0.00
Aldrin	4.06	4.06	3.96	4.16	0.00
Heptachlor epoxide	4.56	4.56	4.46	4.66	0.00
Endosulfan I	4.93	4.93	4.83	5.03	0.00
Dieldrin	5.19	5.20	5.10	5.30	0.01
4,4'-DDE	5.08	5.08	4.98	5.18	0.00
Endrin	5.47	5.47	5.37	5.57	0.00
Endosulfan II	5.77	5.77	5.67	5.87	0.00
4,4'-DDD	5.63	5.63	5.53	5.73	0.00
Endosulfan sulfate	6.17	6.17	6.07	6.27	0.00
4,4'-DDT	5.88	5.88	5.78	5.98	0.00
Methoxychlor	6.47	6.47	6.37	6.57	0.00
Endrin ketone	6.67	6.67	6.57	6.77	0.00
Endrin aldehyde	5.95	5.95	5.85	6.05	0.00
alpha-Chlordane	4.88	4.88	4.78	4.98	0.00
gamma-Chlordane	4.81	4.81	4.71	4.91	0.00

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: RMJE02

Lab Code: CHEM **Case No.:** O5252 **SAS No.:** O5252 **SDG NO.:** O5252

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/01/2023 11/01/2023

Client Sample No.: CCAL02 **Date Analyzed:** 11/06/2023

Lab Sample No.: PSTDCCC050 **Data File :** PL086485.D **Time Analyzed:** 18:49

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.535	6.435	6.635	54.100	50.000	8.2
4,4'-DDE	6.016	5.916	6.116	51.670	50.000	3.3
4,4'-DDT	6.851	6.750	6.950	51.550	50.000	3.1
Aldrin	5.066	4.965	5.165	48.560	50.000	-2.9
alpha-BHC	3.807	3.707	3.907	49.170	50.000	-1.7
alpha-Chlordane	5.832	5.732	5.932	47.700	50.000	-4.6
beta-BHC	4.342	4.242	4.442	46.940	50.000	-6.1
Decachlorobiphenyl	8.855	8.755	8.955	49.550	50.000	-0.9
delta-BHC	4.585	4.485	4.685	49.290	50.000	-1.4
Dieldrin	6.157	6.056	6.256	47.670	50.000	-4.7
Endosulfan I	5.880	5.779	5.979	47.680	50.000	-4.6
Endosulfan II	6.608	6.508	6.708	49.110	50.000	-1.8
Endosulfan sulfate	6.975	6.875	7.075	48.440	50.000	-3.1
Endrin	6.385	6.285	6.485	47.190	50.000	-5.6
Endrin aldehyde	6.739	6.639	6.839	49.430	50.000	-1.1
Endrin ketone	7.457	7.357	7.557	49.520	50.000	-1.0
gamma-BHC (Lindane)	4.139	4.039	4.239	49.580	50.000	-0.8
gamma-Chlordane	5.753	5.653	5.853	48.140	50.000	-3.7
Heptachlor	4.726	4.626	4.826	49.440	50.000	-1.1
Heptachlor epoxide	5.496	5.395	5.595	48.040	50.000	-3.9
Methoxychlor	7.336	7.236	7.436	52.710	50.000	5.4
Tetrachloro-m-xylene	3.353	3.253	3.453	48.660	50.000	-2.7

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: RMJE02

Lab Code: CHEM **Case No.:** O5252 **SAS No.:** O5252 **SDG NO.:** O5252

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/01/2023 11/01/2023

Client Sample No.: CCAL02 **Date Analyzed:** 11/06/2023

Lab Sample No.: PSTDCCC050 **Data File :** PL086485.D **Time Analyzed:** 18:49

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.632	5.532	5.732	57.180	50.000	14.4
4,4'-DDE	5.076	4.976	5.176	55.690	50.000	11.4
4,4'-DDT	5.883	5.783	5.983	54.530	50.000	9.1
Aldrin	4.056	3.957	4.157	52.250	50.000	4.5
alpha-BHC	3.116	3.017	3.217	52.560	50.000	5.1
alpha-Chlordane	4.876	4.777	4.977	50.190	50.000	0.4
beta-BHC	3.746	3.646	3.846	51.830	50.000	3.7
Decachlorobiphenyl	7.768	7.670	7.870	50.230	50.000	0.5
delta-BHC	3.970	3.872	4.072	52.960	50.000	5.9
Dieldrin	5.194	5.095	5.295	51.770	50.000	3.5
Endosulfan I	4.928	4.829	5.029	48.710	50.000	-2.6
Endosulfan II	5.766	5.666	5.866	51.990	50.000	4.0
Endosulfan sulfate	6.172	6.072	6.272	52.400	50.000	4.8
Endrin	5.468	5.368	5.568	49.680	50.000	-0.6
Endrin aldehyde	5.948	5.848	6.048	53.400	50.000	6.8
Endrin ketone	6.673	6.574	6.774	52.570	50.000	5.1
gamma-BHC (Lindane)	3.443	3.344	3.544	51.610	50.000	3.2
gamma-Chlordane	4.812	4.713	4.913	51.870	50.000	3.7
Heptachlor	3.779	3.680	3.880	51.590	50.000	3.2
Heptachlor epoxide	4.561	4.462	4.662	51.330	50.000	2.7
Methoxychlor	6.466	6.367	6.567	53.610	50.000	7.2
Tetrachloro-m-xylene	2.618	2.518	2.718	51.290	50.000	2.6

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110623\
Data File : PL086485.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2023 18:49
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 20:44:20 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 05:32:51 2023
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...	3.353	2.618	154.4E6	48825258	48.662	51.288
28) SA	Decachlor...	8.855	7.768	131.1E6	57619834	49.555	50.233
	Target Compounds						
2) A	alpha-BHC	3.807	3.116	232.1E6	68213405	49.172	52.563
3) MA	gamma-BHC...	4.139	3.443	225.9E6	67788418	49.578	51.607
4) MA	Heptachlor	4.726	3.779	215.5E6	66927401	49.436	51.590
5) MB	Aldrin	5.066	4.056	215.0E6	66588599	48.555	52.253
6) B	beta-BHC	4.342	3.746	92587276	29747122	46.942	51.831
7) B	delta-BHC	4.585	3.970	215.0E6	66942197	49.287	52.959
8) B	Heptachlo...	5.496	4.561	185.8E6	61365736	48.039	51.329
9) A	Endosulfan I	5.880	4.928	175.3E6	57812808	47.682	48.713
10) B	gamma-Chl...	5.753	4.812	191.0E6	61387597	48.144	51.875
11) B	alpha-Chl...	5.832	4.876	189.9E6	62697143	47.700	50.189
12) B	4,4'-DDE	6.016	5.076	164.0E6	54955014	51.675	55.688
13) MA	Dieldrin	6.157	5.194	183.3E6	61818938	47.673	51.767
14) MA	Endrin	6.385	5.468	157.5E6	54738781	47.188	49.675
15) B	Endosulfa...	6.608	5.766	158.2E6	56036159	49.109	51.986
16) A	4,4'-DDD	6.535	5.632	128.3E6	46568369	54.095	57.176
17) MA	4,4'-DDT	6.851	5.883	134.5E6	51412166	51.550	54.535
18) B	Endrin al...	6.739	5.948	120.3E6	45028396	49.432	53.395
19) B	Endosulfa...	6.975	6.172	149.6E6	55240883	48.436	52.397
20) A	Methoxychlor	7.336	6.466	73111972	31328267	52.712	53.614
21) B	Endrin ke...	7.457	6.673	158.0E6	65565281	49.516	52.571
22)	Mirex	7.930	6.850	126.4E6	54762423	46.323	47.867

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

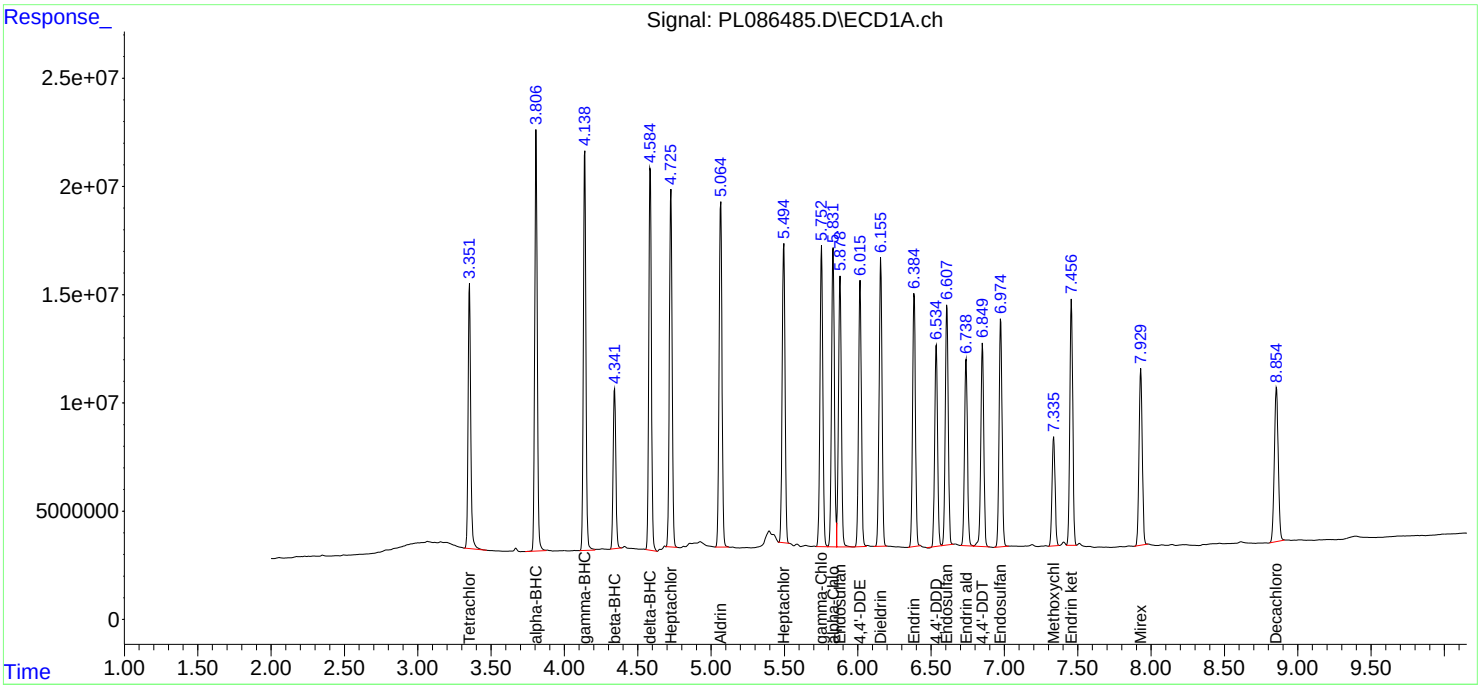
Sample Results: **PL086485.D**

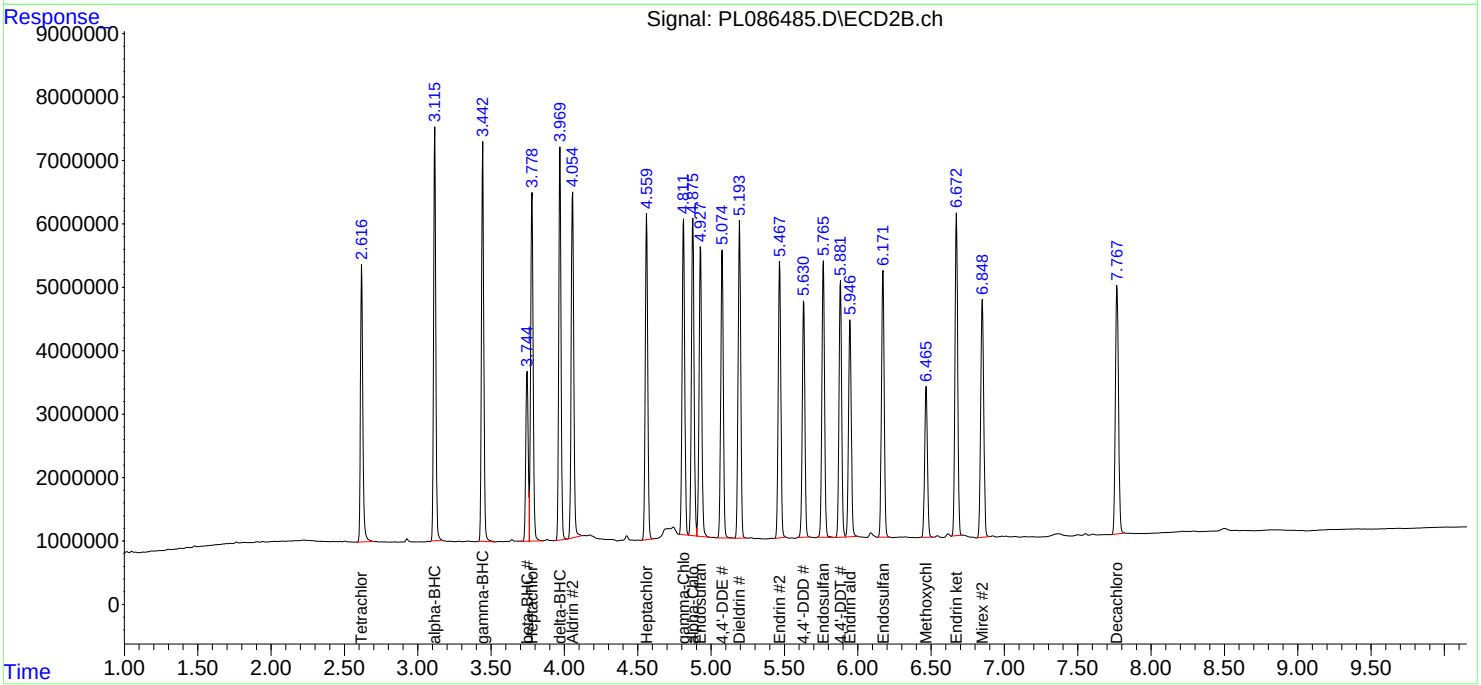
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110623\
Data File : PL086485.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2023 18:49
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 20:44:20 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 05:32:51 2023
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





Raw Data: **PL086495.D**

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: RMJE02

Lab Code: CHEM **Case No.:** O5252 **SAS No.:** O5252 **SDG NO.:** O5252

Continuing Calib Date: 11/06/2023 **Initial Calibration Date(s):** 11/01/2023 11/01/2023

Continuing Calib Time: 21:20 **Initial Calibration Time(s):** 08:49 09:45

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.85	8.86	8.76	8.96	0.01
Tetrachloro-m-xylene	3.35	3.35	3.25	3.45	0.00
alpha-BHC	3.81	3.81	3.71	3.91	0.00
beta-BHC	4.34	4.34	4.24	4.44	0.00
delta-BHC	4.58	4.59	4.49	4.69	0.01
gamma-BHC (Lindane)	4.14	4.14	4.04	4.24	0.00
Heptachlor	4.73	4.73	4.63	4.83	0.01
Aldrin	5.06	5.07	4.97	5.17	0.01
Heptachlor epoxide	5.50	5.50	5.40	5.60	0.01
Endosulfan I	5.88	5.88	5.78	5.98	0.00
Dieldrin	6.16	6.16	6.06	6.26	0.00
4,4'-DDE	6.02	6.02	5.92	6.12	0.01
Endrin	6.38	6.39	6.29	6.49	0.01
Endosulfan II	6.61	6.61	6.51	6.71	0.00
4,4'-DDD	6.54	6.54	6.44	6.64	0.01
Endosulfan sulfate	6.97	6.98	6.88	7.08	0.01
4,4'-DDT	6.85	6.85	6.75	6.95	0.00
Methoxychlor	7.34	7.34	7.24	7.44	0.00
Endrin ketone	7.46	7.46	7.36	7.56	0.00
Endrin aldehyde	6.74	6.74	6.64	6.84	0.00
alpha-Chlordane	5.83	5.83	5.73	5.93	0.00
gamma-Chlordane	5.75	5.75	5.65	5.85	0.00

Raw Data: **PL086495.D**

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: RMJE02

Lab Code: CHEM **Case No.:** O5252 **SAS No.:** O5252 **SDG NO.:** O5252

Continuing Calib Date: 11/06/2023 **Initial Calibration Date(s):** 11/01/2023 11/01/2023

Continuing Calib Time: 21:20 **Initial Calibration Time(s):** 08:49 09:45

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	7.77	7.77	7.67	7.87	0.00
Tetrachloro-m-xylene	2.62	2.62	2.52	2.72	0.00
alpha-BHC	3.12	3.12	3.02	3.22	0.00
beta-BHC	3.75	3.75	3.65	3.85	0.01
delta-BHC	3.97	3.97	3.87	4.07	0.00
gamma-BHC (Lindane)	3.44	3.44	3.34	3.54	0.00
Heptachlor	3.78	3.78	3.68	3.88	0.00
Aldrin	4.06	4.06	3.96	4.16	0.00
Heptachlor epoxide	4.56	4.56	4.46	4.66	0.00
Endosulfan I	4.93	4.93	4.83	5.03	0.00
Dieldrin	5.19	5.20	5.10	5.30	0.01
4,4'-DDE	5.08	5.08	4.98	5.18	0.01
Endrin	5.47	5.47	5.37	5.57	0.00
Endosulfan II	5.77	5.77	5.67	5.87	0.00
4,4'-DDD	5.63	5.63	5.53	5.73	0.00
Endosulfan sulfate	6.17	6.17	6.07	6.27	0.00
4,4'-DDT	5.88	5.88	5.78	5.98	0.00
Methoxychlor	6.47	6.47	6.37	6.57	0.00
Endrin ketone	6.67	6.67	6.57	6.77	0.00
Endrin aldehyde	5.95	5.95	5.85	6.05	0.00
alpha-Chlordane	4.88	4.88	4.78	4.98	0.00
gamma-Chlordane	4.81	4.81	4.71	4.91	0.00

Raw Data: **PL086495.D**

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: RMJE02

Lab Code: CHEM **Case No.:** O5252 **SAS No.:** O5252 **SDG NO.:** O5252

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/01/2023 11/01/2023

Client Sample No.: CCAL03 **Date Analyzed:** 11/06/2023

Lab Sample No.: PSTDCCC050 **Data File :** PL086495.D **Time Analyzed:** 21:20

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.535	6.435	6.635	55.970	50.000	11.9
4,4'-DDE	6.015	5.916	6.116	53.360	50.000	6.7
4,4'-DDT	6.849	6.750	6.950	51.640	50.000	3.3
Aldrin	5.064	4.965	5.165	49.950	50.000	-0.1
alpha-BHC	3.806	3.707	3.907	50.180	50.000	0.4
alpha-Chlordane	5.831	5.732	5.932	48.700	50.000	-2.6
beta-BHC	4.341	4.242	4.442	47.970	50.000	-4.1
Decachlorobiphenyl	8.853	8.755	8.955	49.420	50.000	-1.2
delta-BHC	4.584	4.485	4.685	50.450	50.000	0.9
Dieldrin	6.155	6.056	6.256	48.920	50.000	-2.2
Endosulfan I	5.878	5.779	5.979	48.600	50.000	-2.8
Endosulfan II	6.606	6.508	6.708	49.760	50.000	-0.5
Endosulfan sulfate	6.974	6.875	7.075	48.710	50.000	-2.6
Endrin	6.384	6.285	6.485	46.270	50.000	-7.5
Endrin aldehyde	6.738	6.639	6.839	50.040	50.000	0.1
Endrin ketone	7.456	7.357	7.557	49.880	50.000	-0.2
gamma-BHC (Lindane)	4.138	4.039	4.239	50.120	50.000	0.2
gamma-Chlordane	5.751	5.653	5.853	49.160	50.000	-1.7
Heptachlor	4.725	4.626	4.826	50.660	50.000	1.3
Heptachlor epoxide	5.495	5.395	5.595	49.080	50.000	-1.8
Methoxychlor	7.335	7.236	7.436	51.700	50.000	3.4
Tetrachloro-m-xylene	3.353	3.253	3.453	49.860	50.000	-0.3

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: RMJE02

Lab Code: CHEM **Case No.:** O5252 **SAS No.:** O5252 **SDG NO.:** O5252

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/01/2023 11/01/2023

Client Sample No.: CCAL03 **Date Analyzed:** 11/06/2023

Lab Sample No.: PSTDCCC050 **Data File :** PL086495.D **Time Analyzed:** 21:20

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.631	5.532	5.732	57.470	50.000	14.9
4,4'-DDE	5.075	4.976	5.176	55.750	50.000	11.5
4,4'-DDT	5.881	5.783	5.983	53.700	50.000	7.4
Aldrin	4.056	3.957	4.157	52.050	50.000	4.1
alpha-BHC	3.116	3.017	3.217	52.400	50.000	4.8
alpha-Chlordane	4.875	4.777	4.977	49.920	50.000	-0.2
beta-BHC	3.745	3.646	3.846	51.500	50.000	3.0
Decachlorobiphenyl	7.769	7.670	7.870	50.490	50.000	1.0
delta-BHC	3.971	3.872	4.072	52.710	50.000	5.4
Dieldrin	5.194	5.095	5.295	51.560	50.000	3.1
Endosulfan I	4.928	4.829	5.029	48.360	50.000	-3.3
Endosulfan II	5.766	5.666	5.866	51.740	50.000	3.5
Endosulfan sulfate	6.171	6.072	6.272	52.360	50.000	4.7
Endrin	5.467	5.368	5.568	48.970	50.000	-2.1
Endrin aldehyde	5.947	5.848	6.048	53.840	50.000	7.7
Endrin ketone	6.673	6.574	6.774	53.220	50.000	6.4
gamma-BHC (Lindane)	3.443	3.344	3.544	51.600	50.000	3.2
gamma-Chlordane	4.812	4.713	4.913	51.780	50.000	3.6
Heptachlor	3.779	3.680	3.880	51.440	50.000	2.9
Heptachlor epoxide	4.560	4.462	4.662	51.120	50.000	2.2
Methoxychlor	6.466	6.367	6.567	52.740	50.000	5.5
Tetrachloro-m-xylene	2.619	2.518	2.718	51.070	50.000	2.1

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110623\
Data File : PL086495.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2023 21:20
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 04:34:21 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 05:32:51 2023
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...	3.353	2.619	158.2E6	48622502	49.857	51.075
28) SA	Decachlor...	8.853	7.769	130.7E6	57919072	49.418	50.494
	Target Compounds						
2) A	alpha-BHC	3.806	3.116	236.8E6	68000480	50.177	52.399
3) MA	gamma-BHC...	4.138	3.443	228.4E6	67777010	50.116	51.598
4) MA	Heptachlor	4.725	3.779	220.8E6	66736304	50.657	51.443
5) MB	Aldrin	5.064	4.056	221.2E6	66331203	49.947	52.051
6) B	beta-BHC	4.341	3.745	94622563	29557870	47.974	51.501
7) B	delta-BHC	4.584	3.971	220.1E6	66628572	50.449	52.711
8) B	Heptachlo...	5.495	4.560	189.8E6	61112657	49.078	51.118
9) A	Endosulfan I	5.878	4.928	178.7E6	57398594	48.605	48.364
10) B	gamma-Chl...	5.751	4.812	195.0E6	61275017	49.158	51.780
11) B	alpha-Chl...	5.831	4.875	193.8E6	62357748	48.698	49.918
12) B	4,4'-DDE	6.015	5.075	169.4E6	55018190	53.363	55.752
13) MA	Dieldrin	6.155	5.194	188.1E6	61571538	48.915	51.560
14) MA	Endrin	6.384	5.467	154.5E6	53960480	46.268	48.969
15) B	Endosulfa...	6.606	5.766	160.3E6	55775497	49.759	51.745
16) A	4,4'-DDD	6.535	5.631	132.8E6	46810649	55.974	57.473
17) MA	4,4'-DDT	6.849	5.881	134.7E6	50623719	51.644	53.698
18) B	Endrin al...	6.738	5.947	121.8E6	45407082	50.036	53.845
19) B	Endosulfa...	6.974	6.171	150.4E6	55206103	48.711	52.364
20) A	Methoxychlor	7.335	6.466	71702916	30818858	51.696	52.742
21) B	Endrin ke...	7.456	6.673	159.2E6	66370876	49.882	53.217
22)	Mirex	7.929	6.850	125.0E6	54944102	45.831	48.025

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

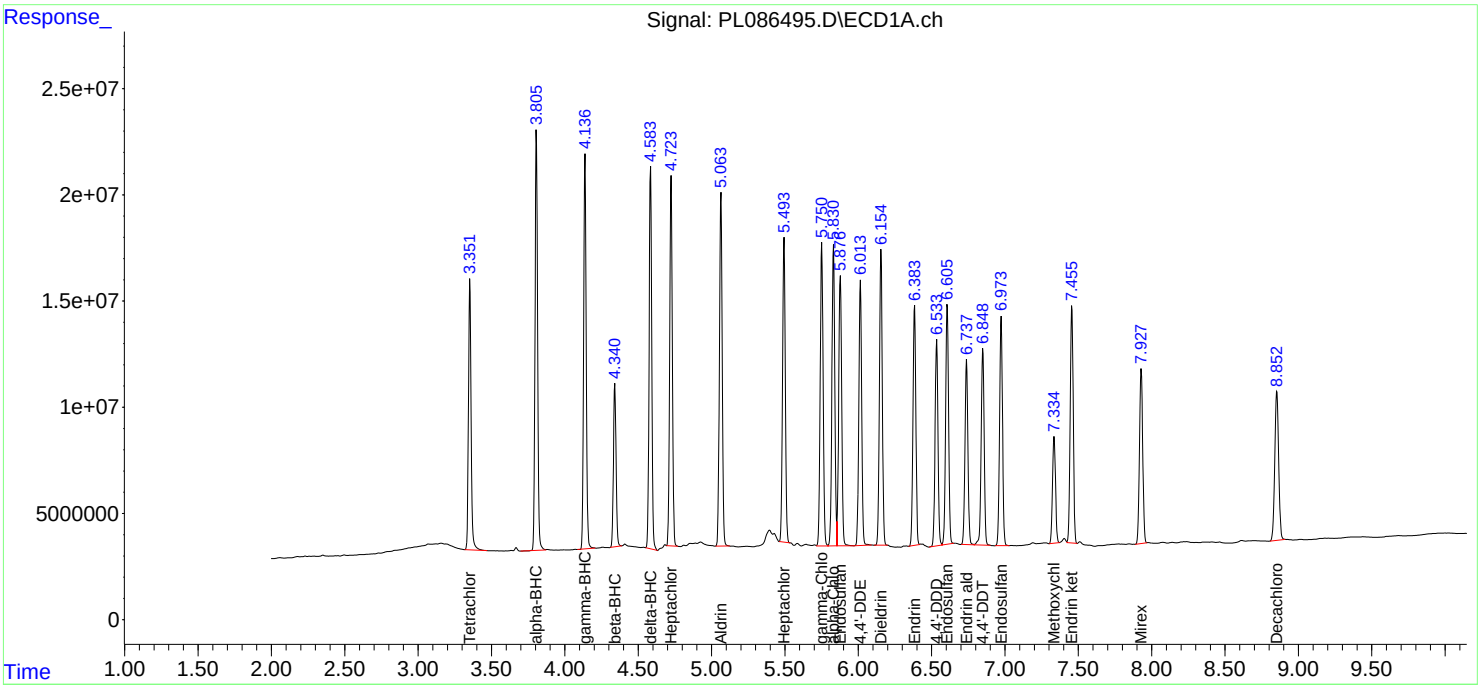
Sample Results: **PL086495.D**

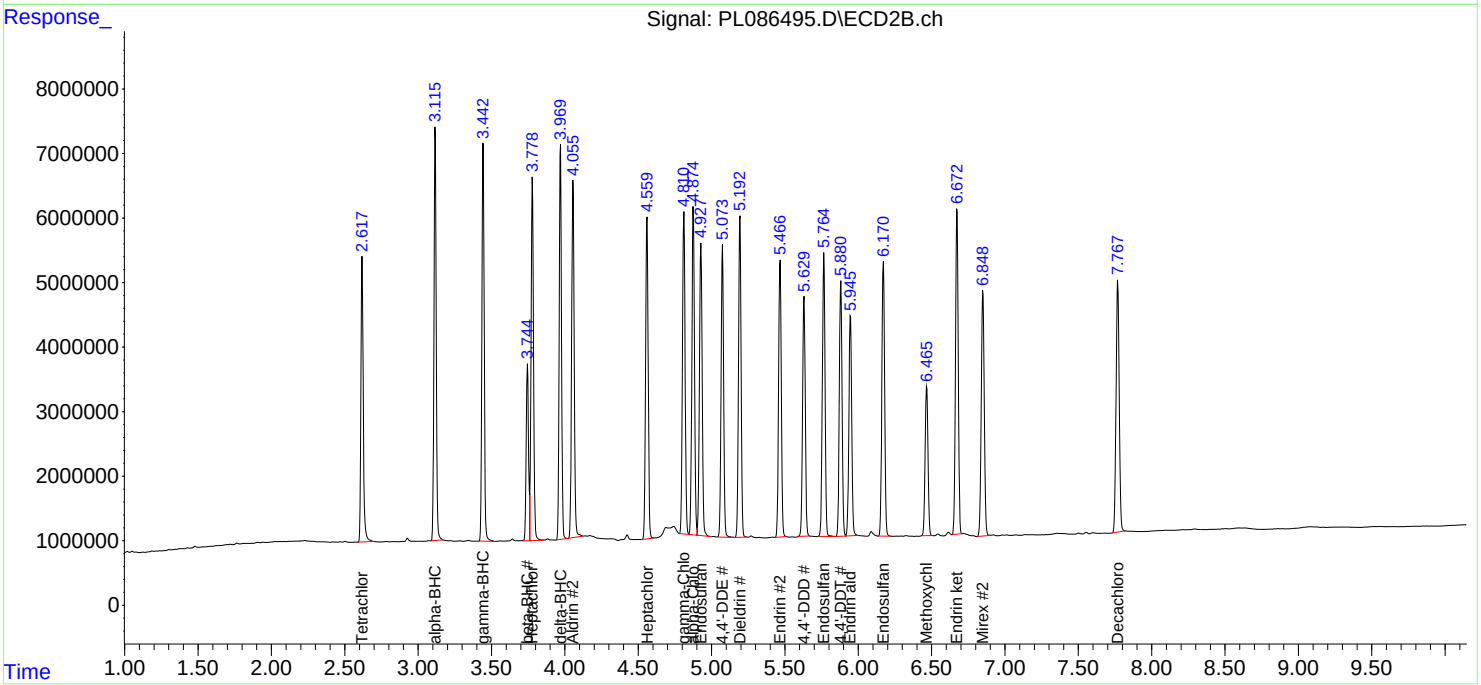
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110623\
Data File : PL086495.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2023 21:20
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 04:34:21 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 05:32:51 2023
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





CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: RMJE02

Lab Code: CHEM **Case No.:** O5252 **SAS No.:** O5252 **SDG NO.:** O5252

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/01/2023 11/01/2023

Client Sample No. (PEM): PEM - PL086341.D **Date Analyzed:** 11/01/2023

Lab Sample No.(PEM): PEM **Time Analyzed:** 08:22

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.854	8.750	8.950	19.390	20.000	-3.1
Tetrachloro-m-xylene	3.353	3.300	3.400	18.330	20.000	-8.4
alpha-BHC	3.806	3.760	3.860	8.650	10.000	-13.5
beta-BHC	4.342	4.290	4.390	10.130	10.000	1.3
gamma-BHC (Lindane)	4.138	4.090	4.190	8.710	10.000	-12.9
Endrin	6.384	6.310	6.450	43.770	50.000	-12.5
4,4'-DDT	6.850	6.780	6.920	101.640	100.000	1.6
Methoxychlor	7.334	7.260	7.400	244.660	250.000	-2.1

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/01/2023 11/01/2023

Client Sample No. (PEM): PEM - PL086341.D **Date Analyzed:** 11/01/2023

Lab Sample No.(PEM): PEM **Time Analyzed:** 08:22

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.770	7.670	7.870	19.620	20.000	-1.9
Tetrachloro-m-xylene	2.618	2.570	2.670	18.100	20.000	-9.5
alpha-BHC	3.116	3.070	3.170	8.370	10.000	-16.3
beta-BHC	3.746	3.700	3.800	10.310	10.000	3.1
gamma-BHC (Lindane)	3.444	3.390	3.490	8.270	10.000	-17.3
Endrin	5.468	5.400	5.540	45.530	50.000	-8.9
4,4'-DDT	5.883	5.810	5.950	107.030	100.000	7.0
Methoxychlor	6.468	6.400	6.540	237.590	250.000	-5.0

p

PEM

Data File Name PL086341.D

Operator AR\AJ **Date Acquired** 11/1/2023 8:22

DDT BREAKDOWN

COLUMN#1

Name	RT	Response	Response (DDT+DDE+DDD)	Response DDE+DDD	%Break Down
4,4'-DDT	8.4	265177251.2	266046043.2	868792.09	**0.33**
4,4'-DDE	7.56	0			
4,4'-DDD	8.14	868792.09			

COLUMN#2

Name	RT	Response	Response (DDT+DDE+DDD)	Response DDE+DDD	%Break Down
4,4'-DDT #2	9.35	100900480.9	101093280.9	192799.986	**0.19**
4,4'DDE #2	8.49	0			
4,4'-DDD #2	9.03	192799.986			

ENDRIN BREAKDOWN

COLUMN#1

Name	RT	Response	Response (E+EA+EK)	Response (EA+EK)	%Break Down
Endrin	6.38	146103610	153137986.1	7034376.108	**4.59**
Endrin aldehyde	6.74	3265005.217			
Endrin ketone	7.46	3769370.891			

COLUMN#2

Name	RT	Response	Response (E+EA+EK)	Response (EA+EK)	%Break Down
Endrin #2	5.47	50170624.15	54670190.56	4499566.407	**8.23**
Endrin aldehyde #2	5.95	1974852.778			
Endrin ketone #2	6.67	2524713.629			

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110123\
Data File : PL086341.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Nov 2023 08:22
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 02 05:45:31 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 05:32:51 2023
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...	3.353	2.618	58170242	17230286	18.330	18.099	
28)	SA Decachlor...	8.854	7.770	51279566	22507107	19.389	19.622	
	Target Compounds							
2)	A alpha-BHC	3.806	3.116	40811660	10867150	8.646	8.374	
3)	MA gamma-BHC...	4.138	3.444	39678753	10867304	8.708	8.273	
6)	B beta-BHC	4.342	3.746	19970895	5914620	10.125	10.306	
14)	MA Endrin	6.384	5.468	146.1E6	50170624	43.767	45.530	
16)	A 4,4'-DDD	6.536	5.633	868792	192800	0.366	0.237	#
17)	MA 4,4'-DDT	6.850	5.883	265.2E6	100.9E6	101.643	107.028	
18)	B Endrin al...	6.739	5.949	3265005	1974853	1.341	2.342	#
20)	A Methoxychlor	7.334	6.468	339.3E6	138.8E6	244.664m	237.586	
21)	B Endrin ke...	7.456	6.674	3769371	2524714	1.181	2.024	#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110123\
Data File : PL086341.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Nov 2023 08:22
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

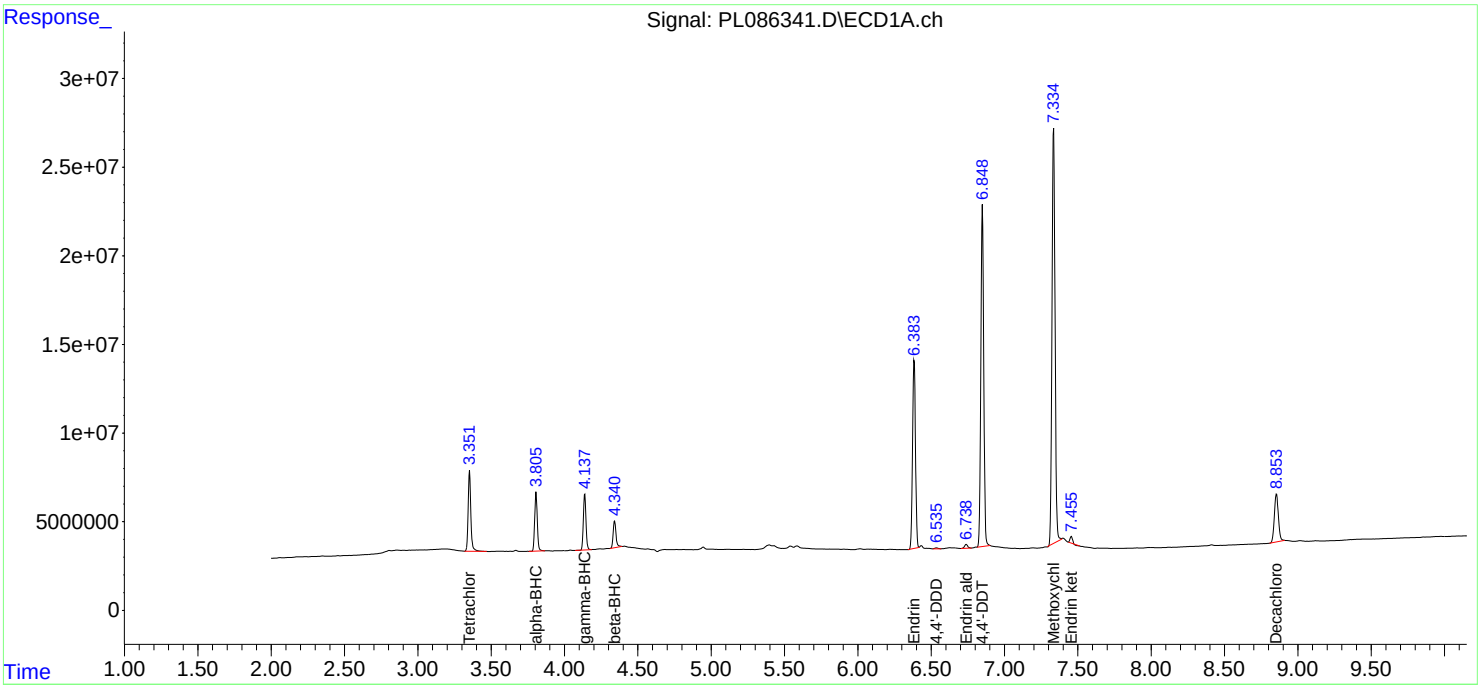
Instrument :
ECD_L
ClientSampleId :
PEM

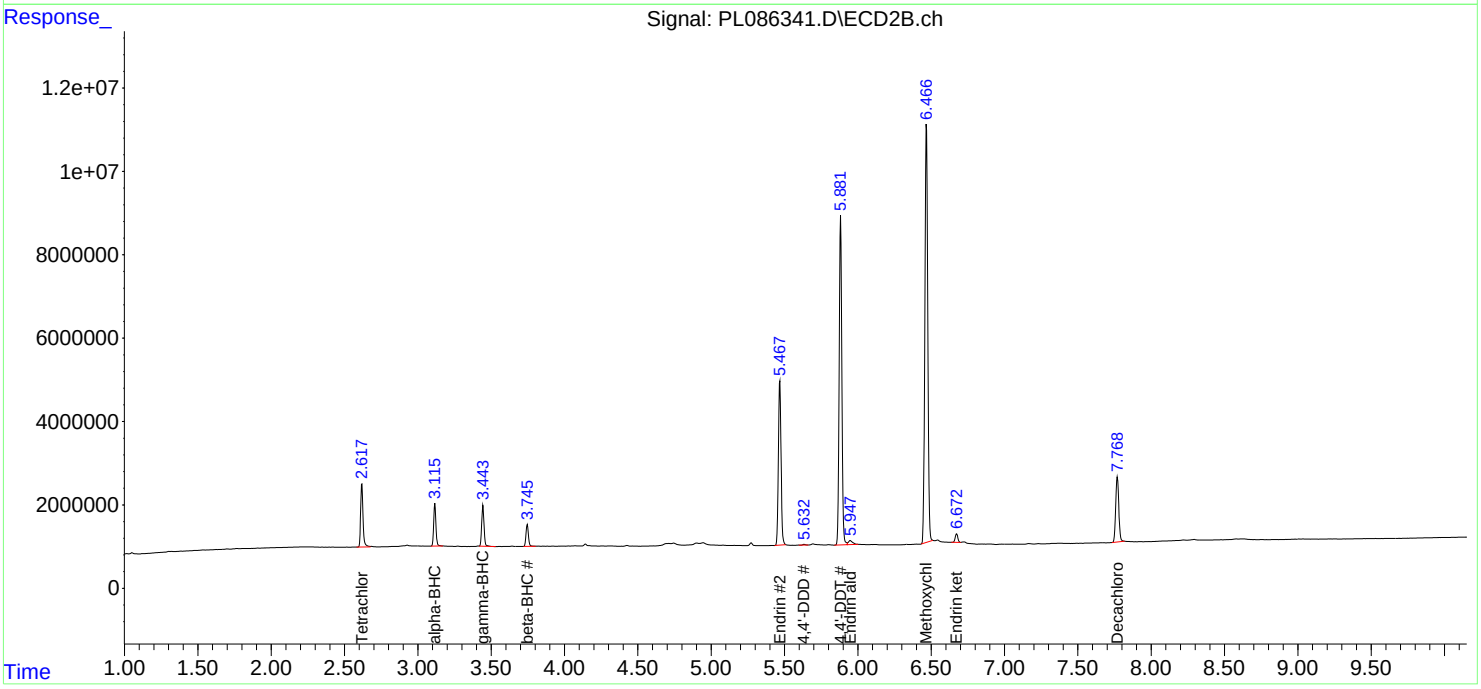
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 02 05:45:31 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 05:32:51 2023
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





CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: RMJE02

Lab Code: CHEM **Case No.:** O5252 **SAS No.:** O5252 **SDG NO.:** O5252

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/01/2023 11/01/2023

Client Sample No. (PEM): PEM - PL086461.D **Date Analyzed:** 11/06/2023

Lab Sample No.(PEM): PEM **Time Analyzed:** 09:57

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.853	8.750	8.950	17.190	20.000	-14.1
Tetrachloro-m-xylene	3.352	3.300	3.400	15.900	20.000	-20.5
alpha-BHC	3.806	3.760	3.860	7.580	10.000	-24.2
beta-BHC	4.342	4.290	4.390	8.370	10.000	-16.3
gamma-BHC (Lindane)	4.138	4.090	4.190	7.590	10.000	-24.1
Endrin	6.384	6.310	6.450	38.440	50.000	-23.1
4,4'-DDT	6.849	6.780	6.920	89.810	100.000	-10.2
Methoxychlor	7.335	7.260	7.410	220.960	250.000	-11.6

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/01/2023 11/01/2023

Client Sample No. (PEM): PEM - PL086461.D **Date Analyzed:** 11/06/2023

Lab Sample No.(PEM): PEM **Time Analyzed:** 09:57

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.769	7.670	7.870	18.110	20.000	-9.5
Tetrachloro-m-xylene	2.618	2.570	2.670	16.520	20.000	-17.4
alpha-BHC	3.116	3.070	3.170	7.590	10.000	-24.1
beta-BHC	3.744	3.690	3.790	9.330	10.000	-6.7
gamma-BHC (Lindane)	3.443	3.390	3.490	7.390	10.000	-26.1
Endrin	5.468	5.400	5.540	38.460	50.000	-23.1
4,4'-DDT	5.882	5.810	5.950	96.410	100.000	-3.6
Methoxychlor	6.466	6.400	6.540	221.440	250.000	-11.4

PEM

Data File: PL086461.D **Date Acquired** 11/6/2023 9:57

Operator: AR\AJ

ENDRIN BREAK DOWN

Column #1

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
					Down
Endrin	6.38	128331375.4	135240084.9	6908709.47	**5.11**
Endrin aldehyde	6.74	2868738.782			
Endrin ketone	7.45	4039970.691			

Column #2

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
Endrin #2	5.47	42381713.81	47634286.5	5252572.69	**11.03**
Endrin aldehyde #2	5.95	3227215.219			
Endrin ketone #2	6.67	2025357.471			

DDT BREAK DOWN

Column #1

Name	RT	Response	Response [DDT+DDE+DDD	Response [DDE+DDD]	% Break Down
4,4'-DDT	6.85	234308076.7	236225926.7	1917850.07	**0.81**
4,4'-DDE	6.01	1631282.386			
4,4'-DDD	6.54	286567.683			

Column #2

Name	RT	Response	Response [DDT+DDE+DDD	Response [DDE+DDD]	% Break Down
4,4'-DDT #2	5.88	90891521.56	91168860.87	277339.314	**0.30**
4,4'-DDE #2	5.08	129138.164			
4,4'-DDD #2	5.63	148201.15			

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110623\
Data File : PL086461.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2023 09:57
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 11/07/2023
Supervised By :Ankita Jodhani 11/07/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 12:50:29 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 05:32:51 2023
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...	3.352	2.618	50474557	15723489	15.905	16.516
28)	SA Decachlor...	8.853	7.769	45451170	20769437	17.185	18.107
	Target Compounds						
2)	A alpha-BHC	3.806	3.116	35793237	9848550	7.583	7.589
3)	MA gamma-BHC...	4.138	3.443	34593437	9707156	7.592	7.390
6)	B beta-BHC	4.342	3.744	16517187	5356758	8.374	9.334m
12)	B 4,4'-DDE	6.011	5.078	1631282	129138	0.514m	0.131m#
14)	MA Endrin	6.384	5.468	128.3E6	42381714	38.443	38.461
16)	A 4,4'-DDD	6.537	5.632	286568	148201	0.121m	0.182m#
17)	MA 4,4'-DDT	6.849	5.882	234.3E6	90891522	89.810	96.412
18)	B Endrin al...	6.738	5.948	2868739	3227215	1.179	3.827 #
20)	A Methoxychlor	7.335	6.466	306.5E6	129.4E6	220.962	221.435
21)	B Endrin ke...	7.455	6.672	4039971	2025357	1.266m	1.624 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110623\
Data File : PL086461.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2023 09:57
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

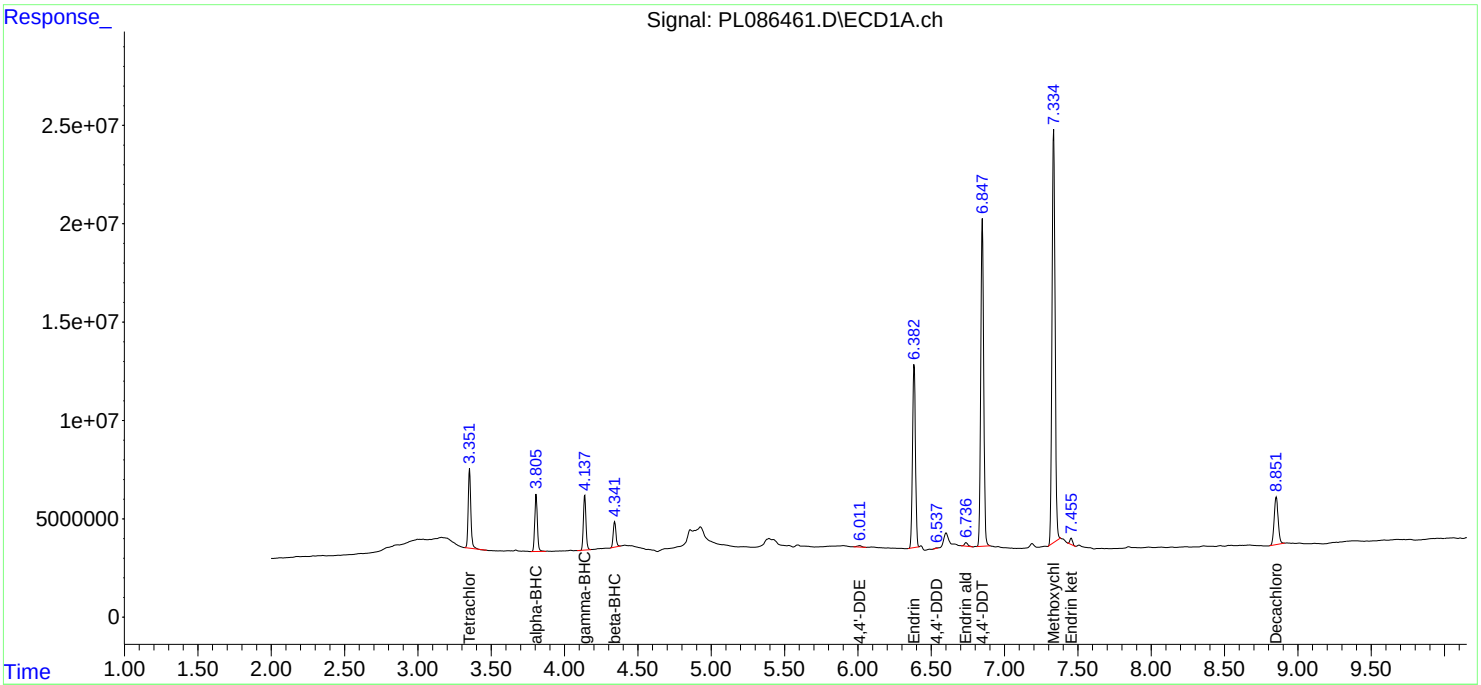
Instrument :
ECD_L
ClientSampleId :
PEM

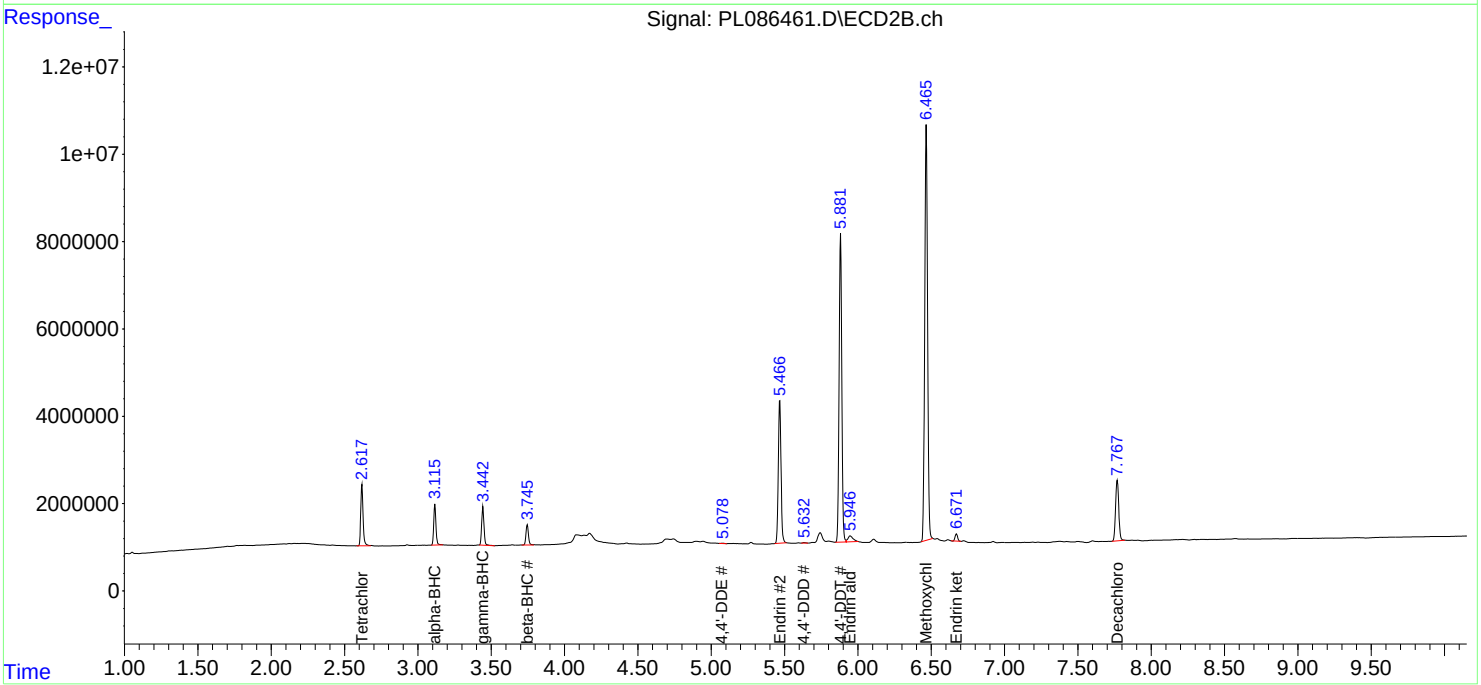
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 11/07/2023
Supervised By :Ankita Jodhani 11/07/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 12:50:29 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 05:32:51 2023
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





Chromatographic Resolution Report

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110123\
Data File : PL086342.D
Acq On : 01 Nov 2023 08:36
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\PL110123.M
Title : GC Extractables
Last Update : Thu Nov 02 05:32:51 2023
Integrator: ChemStation

RT#1	RT#2	Resolution
3.353	5.753	100.00%
5.753	5.879	100.00%
5.879	6.016	100.00%
6.016	6.156	100.00%
6.156	6.976	100.00%
6.976	7.337	100.00%
7.337	7.457	100.00%
7.457	8.855	100.00%

Signal #2

2.618	4.813	100.00%
4.813	4.929	99.14%
4.929	5.076	100.00%
5.076	5.194	100.00%
5.194	6.173	100.00%
6.173	6.468	100.00%
6.468	6.674	100.00%
6.674	7.770	100.00%

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110123\
Data File : PL086342.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Nov 2023 08:36
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: Nov 02 05:45:44 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 05:32:51 2023
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...	3.353	2.618	58369602	17467459	18.393	18.348
28)	SA Decachlor...	8.855	7.770	51356727	22608832	19.418	19.711
	Target Compounds						
9)	A Endosulfan I	5.879	4.929	34306676	12213871	9.333	10.291
10)	B gamma-Chl...	5.753	4.813	38045967	10944139	9.589	9.248
12)	B 4,4'-DDE	6.016	5.076	59585434	18015149	18.775	18.255
13)	MA Dieldrin	6.156	5.194	69684831	21338483	18.124	17.869
19)	B Endosulfa...	6.976	6.173	59123098	20016833	19.146	18.986
20)	A Methoxychlor	7.337	6.468	132.5E6	55111470	95.523	94.315
21)	B Endrin ke...	7.457	6.674	59363923	23117259	18.601	18.536

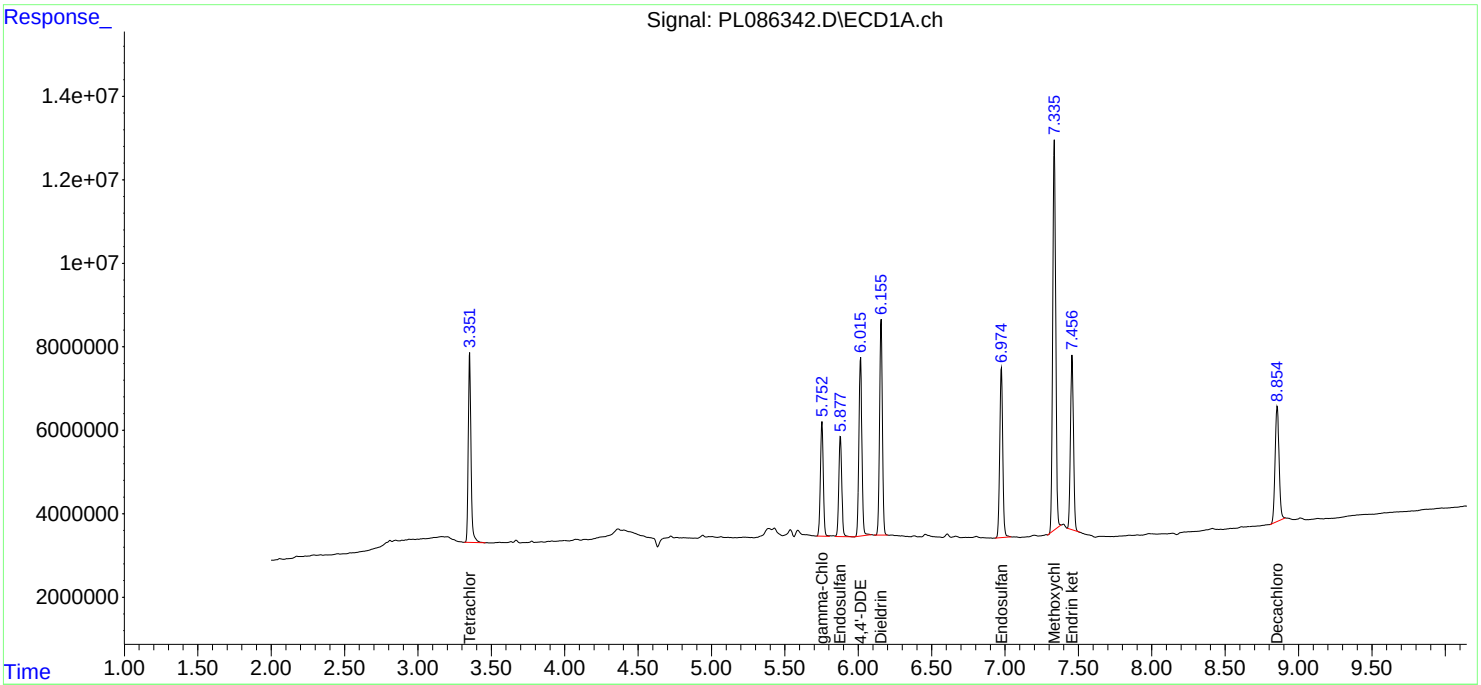
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

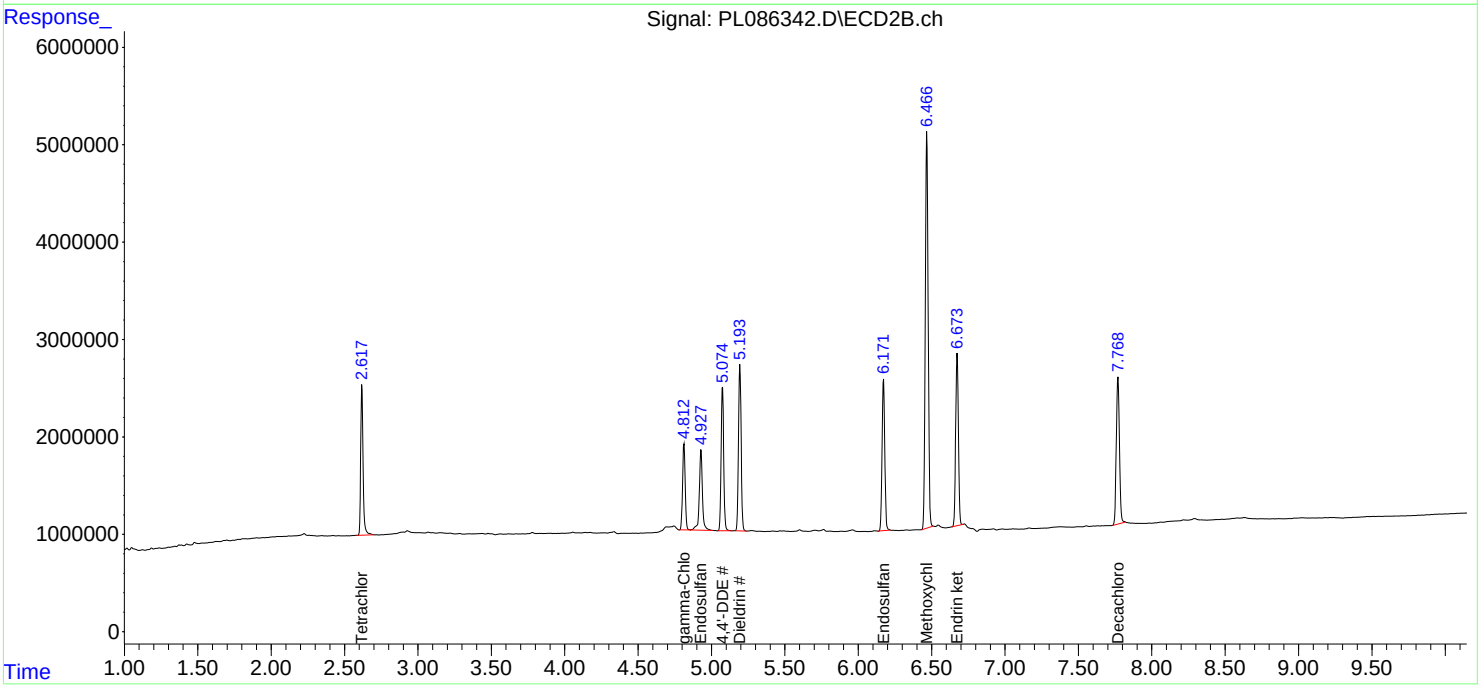
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110123\
Data File : PL086342.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Nov 2023 08:36
Operator : AR\AJ
Sample : RESCHK
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
RESCHK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 02 05:45:44 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 05:32:51 2023
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





CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Analytical Sequence

Client: RMJ Environomics, Inc. **SDG No.:** O5252

Project: 245 Greenwood Ave **Instrument ID:** ECD_L

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 11/01/2023 11/01/2023

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 #
I.BLK	I.BLK	11/01/2023	08:08	PL086340.D	8.86	3.35
PEM	PEM	11/01/2023	08:22	PL086341.D	8.85	3.35
RESCHK	RESCHK	11/01/2023	08:36	PL086342.D	8.86	3.35
PSTDICC100	PSTDICC100	11/01/2023	08:49	PL086343.D	8.86	3.35
PSTDICC075	PSTDICC075	11/01/2023	09:03	PL086344.D	8.86	3.35
PSTDICC050	PSTDICC050	11/01/2023	09:17	PL086345.D	8.86	3.35
PSTDICC025	PSTDICC025	11/01/2023	09:31	PL086346.D	8.85	3.35
PSTDICC005	PSTDICC005	11/01/2023	09:45	PL086347.D	8.85	3.35
PCHLORICC500	PCHLORICC500	11/01/2023	10:26	PL086350.D	8.86	3.35
PTOXICC500	PTOXICC500	11/01/2023	11:35	PL086355.D	8.85	3.35
PEM	PEM	11/06/2023	09:57	PL086461.D	8.85	3.35
I.BLK	I.BLK	11/06/2023	15:45	PL086473.D	8.85	3.35
PSTDCCC050	PSTDCCC050	11/06/2023	15:59	PL086474.D	8.85	3.35
PB156920BL	PB156920BL	11/06/2023	17:11	PL086479.D	8.86	3.36
PB156920BS	PB156920BS	11/06/2023	17:24	PL086480.D	8.85	3.35
WASTE	O5252-01	11/06/2023	17:38	PL086481.D	8.85	3.35
I.BLK	I.BLK	11/06/2023	18:35	PL086484.D	8.87	3.36
PSTDCCC050	PSTDCCC050	11/06/2023	18:49	PL086485.D	8.86	3.35
WC-1MS	O5256-01MS	11/06/2023	19:57	PL086489.D	8.85	3.35
WC-1MSD	O5256-01MSD	11/06/2023	20:11	PL086490.D	8.85	3.35
I.BLK	I.BLK	11/06/2023	20:53	PL086493.D	8.85	3.35
PSTDCCC050	PSTDCCC050	11/06/2023	21:20	PL086495.D	8.85	3.35

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Analytical Sequence

Client: RMJ Environomics, Inc. **SDG No.:** O5252

Project: 245 Greenwood Ave **Instrument ID:** ECD_L

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 11/01/2023 11/01/2023

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 #
I.BLK	I.BLK	11/01/2023	08:08	PL086340.D	7.77	2.62
PEM	PEM	11/01/2023	08:22	PL086341.D	7.77	2.62
RESCHK	RESCHK	11/01/2023	08:36	PL086342.D	7.77	2.62
PSTDICC100	PSTDICC100	11/01/2023	08:49	PL086343.D	7.77	2.62
PSTDICC075	PSTDICC075	11/01/2023	09:03	PL086344.D	7.77	2.62
PSTDICC050	PSTDICC050	11/01/2023	09:17	PL086345.D	7.77	2.62
PSTDICC025	PSTDICC025	11/01/2023	09:31	PL086346.D	7.77	2.62
PSTDICC005	PSTDICC005	11/01/2023	09:45	PL086347.D	7.77	2.62
PCHLORICC500	PCHLORICC500	11/01/2023	10:26	PL086350.D	7.77	2.62
PTOXICC500	PTOXICC500	11/01/2023	11:35	PL086355.D	7.77	2.62
PEM	PEM	11/06/2023	09:57	PL086461.D	7.77	2.62
I.BLK	I.BLK	11/06/2023	15:45	PL086473.D	7.77	2.62
PSTDCCC050	PSTDCCC050	11/06/2023	15:59	PL086474.D	7.77	2.62
PB156920BL	PB156920BL	11/06/2023	17:11	PL086479.D	7.77	2.62
PB156920BS	PB156920BS	11/06/2023	17:24	PL086480.D	7.77	2.62
WASTE	O5252-01	11/06/2023	17:38	PL086481.D	7.77	2.62
I.BLK	I.BLK	11/06/2023	18:35	PL086484.D	7.77	2.62
PSTDCCC050	PSTDCCC050	11/06/2023	18:49	PL086485.D	7.77	2.62
WC-1MS	O5256-01MS	11/06/2023	19:57	PL086489.D	7.77	2.62
WC-1MSD	O5256-01MSD	11/06/2023	20:11	PL086490.D	7.77	2.62
I.BLK	I.BLK	11/06/2023	20:53	PL086493.D	7.77	2.62
PSTDCCC050	PSTDCCC050	11/06/2023	21:20	PL086495.D	7.77	2.62

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB156920BS

Contract: RMJE02

Lab Code: CHEM **Case No.:** O5252 **SAS No.:** O5252 **SDG NO.:** O5252

Lab Sample ID: PB156920BS **Date(s) Analyzed:** 11/06/2023 11/06/2023

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 FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan II	1	6.61	6.56	6.66	15.7	5
	2	5.77	5.72	5.82	16.5	
4,4'-DDD	1	6.53	6.48	6.58	17.5	3.9
	2	5.63	5.58	5.68	18.2	
4,4'-DDT	1	6.85	6.80	6.90	16.7	3.5
	2	5.88	5.83	5.93	17.3	
Endrin aldehyde	1	6.74	6.69	6.79	16.8	8
	2	5.95	5.90	6.00	18.2	
Endosulfan sulfate	1	6.97	6.92	7.02	15.2	8.8
	2	6.17	6.12	6.22	16.6	
Methoxychlor	1	7.34	7.29	7.39	16.3	1.8
	2	6.47	6.42	6.52	16.6	
Endrin ketone	1	7.46	7.41	7.51	15.5	8
	2	6.67	6.62	6.72	16.8	
alpha-BHC	1	3.81	3.76	3.86	15.2	8.2
	2	3.12	3.07	3.17	16.5	
gamma-BHC (Lindane)	1	4.14	4.09	4.19	15.2	7.6
	2	3.44	3.39	3.49	16.4	
Heptachlor	1	4.73	4.68	4.78	15.6	6.2
	2	3.78	3.73	3.83	16.6	
Aldrin	1	5.07	5.02	5.12	15.2	9.4
	2	4.06	4.01	4.11	16.7	
beta-BHC	1	4.34	4.29	4.39	14.6	11
	2	3.75	3.70	3.80	16.3	
delta-BHC	1	4.58	4.53	4.63	15.2	8.8
	2	3.97	3.92	4.02	16.6	
Heptachlor epoxide	1	5.50	5.45	5.55	15.2	8.8
	2	4.56	4.51	4.61	16.6	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB156920BS

Contract: RMJE02

Lab Code: CHEM **Case No.:** O5252 **SAS No.:** O5252 **SDG NO.:** O5252

Lab Sample ID: PB156920BS **Date(s) Analyzed:** 11/06/2023 11/06/2023

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 FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan I	1	5.88	5.83	5.93	15.1	3.3
	2	4.93	4.88	4.98	15.6	
gamma-Chlordane	1	5.75	5.70	5.80	15.2	9.4
	2	4.81	4.76	4.86	16.7	
alpha-Chlordane	1	5.83	5.78	5.88	15.0	7.1
	2	4.88	4.83	4.93	16.1	
4,4'-DDE	1	6.02	5.97	6.07	16.4	8.7
	2	5.08	5.03	5.13	17.9	
Dieldrin	1	6.16	6.11	6.21	15.1	8.9
	2	5.19	5.14	5.24	16.5	
Endrin	1	6.38	6.33	6.43	14.6	9.8
	2	5.47	5.42	5.52	16.1	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

WASTE

Contract: RMJE02

Lab Code: CHEM **Case No.:** O5252 **SAS No.:** O5252 **SDG NO.:** O5252

Lab Sample ID: O5252-01 **Date(s) Analyzed:** 11/06/2023 11/06/2023

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 FROM	RT WINDOW TO	CONCENTRATION	%RPD
4,4'-DDT	1	6.85	6.80	6.90	0.49	16.1
	2	5.88	5.83	5.93	0.42	
alpha-Chlordane	1	5.83	5.78	5.88	0.66	69.7
	2	4.87	4.82	4.92	0.32	
4,4'-DDE	1	6.01	5.96	6.06	0.38	0
	2	5.07	5.02	5.12	0.38	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

WC-1MS

Contract: RMJE02

Lab Code: CHEM **Case No.:** O5252 **SAS No.:** O5252 **SDG NO.:** O5252

Lab Sample ID: O5256-01MS **Date(s) Analyzed:** 11/06/2023 11/06/2023

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 FROM	RT WINDOW TO	CONCENTRATION	%RPD
4,4'-DDD	1	6.54	6.49	6.59	20.1	1
	2	5.63	5.58	5.68	20.3	
4,4'-DDE	1	6.02	5.97	6.07	17.7	13.7
	2	5.08	5.03	5.13	20.3	
Endosulfan II	1	6.61	6.56	6.66	16.8	10.7
	2	5.77	5.72	5.82	18.7	
4,4'-DDT	1	6.85	6.80	6.90	19.0	2.6
	2	5.88	5.83	5.93	19.5	
Endrin aldehyde	1	6.74	6.69	6.79	17.7	11.2
	2	5.95	5.90	6.00	19.8	
Endosulfan sulfate	1	6.97	6.92	7.02	16.6	9.7
	2	6.17	6.12	6.22	18.3	
Methoxychlor	1	7.34	7.29	7.39	20.4	7.5
	2	6.47	6.42	6.52	22.0	
Endrin ketone	1	7.46	7.41	7.51	17.6	0
	2	6.67	6.62	6.72	17.6	
alpha-BHC	1	3.81	3.76	3.86	17.5	6.1
	2	3.12	3.07	3.17	18.6	
gamma-BHC (Lindane)	1	4.14	4.09	4.19	18.3	3.8
	2	3.44	3.39	3.49	19.0	
Heptachlor	1	4.73	4.68	4.78	17.9	4.9
	2	3.78	3.73	3.83	18.8	
Aldrin	1	5.07	5.02	5.12	17.6	13.8
	2	4.06	4.01	4.11	20.2	
beta-BHC	1	4.34	4.29	4.39	18.8	2.2
	2	3.75	3.70	3.80	18.4	
delta-BHC	1	4.59	4.54	4.64	17.8	3.9
	2	3.97	3.92	4.02	18.5	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

WC-1MS

Contract: RMJE02

Lab Code: CHEM **Case No.:** O5252 **SAS No.:** O5252 **SDG NO.:** O5252

Lab Sample ID: O5256-01MS **Date(s) Analyzed:** 11/06/2023 11/06/2023

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 FROM	RT WINDOW TO	CONCENTRATION	%RPD
Heptachlor epoxide	1	5.50	5.45	5.55	16.7	8.6
	2	4.56	4.51	4.61	18.2	
Endosulfan I	1	5.88	5.83	5.93	16.4	6.9
	2	4.93	4.88	4.98	15.3	
gamma-Chlordane	1	5.75	5.70	5.80	18.6	0.5
	2	4.81	4.76	4.86	18.5	
alpha-Chlordane	1	5.83	5.78	5.88	17.8	0.6
	2	4.88	4.83	4.93	17.7	
Dieldrin	1	6.16	6.11	6.21	17.4	19.7
	2	5.19	5.14	5.24	21.2	
Endrin	1	6.38	6.33	6.43	16.1	12.8
	2	5.47	5.42	5.52	18.3	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

WC-1MSD

Contract: RMJE02

Lab Code: CHEM **Case No.:** O5252 **SAS No.:** O5252 **SDG NO.:** O5252

Lab Sample ID: O5256-01MSD **Date(s) Analyzed:** 11/06/2023 11/06/2023

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 FROM	RT WINDOW TO	CONCENTRATION	%RPD
delta-BHC	1	4.59	4.54	4.64	17.5	6.1
	2	3.97	3.92	4.02	18.6	
Heptachlor epoxide	1	5.50	5.45	5.55	16.8	8.5
	2	4.56	4.51	4.61	18.3	
Endosulfan I	1	5.88	5.83	5.93	16.7	6.8
	2	4.93	4.88	4.98	15.6	
gamma-Chlordane	1	5.75	5.70	5.80	18.4	1.1
	2	4.81	4.76	4.86	18.6	
alpha-Chlordane	1	5.83	5.78	5.88	17.8	0
	2	4.88	4.83	4.93	17.8	
4,4'-DDE	1	6.02	5.97	6.07	17.6	14.7
	2	5.08	5.03	5.13	20.4	
Dieldrin	1	6.16	6.11	6.21	17.0	22.5
	2	5.19	5.14	5.24	21.3	
Endrin	1	6.39	6.34	6.44	16.2	12.7
	2	5.47	5.42	5.52	18.4	
Endosulfan II	1	6.61	6.56	6.66	16.8	11.8
	2	5.77	5.72	5.82	18.9	
4,4'-DDD	1	6.54	6.49	6.59	20.0	2
	2	5.63	5.58	5.68	20.4	
4,4'-DDT	1	6.85	6.80	6.90	19.2	2.1
	2	5.88	5.83	5.93	19.6	
Endrin aldehyde	1	6.74	6.69	6.79	17.9	11.1
	2	5.95	5.90	6.00	20.0	
Endosulfan sulfate	1	6.98	6.93	7.03	16.6	10.3
	2	6.17	6.12	6.22	18.4	
Methoxychlor	1	7.34	7.29	7.39	20.7	7
	2	6.47	6.42	6.52	22.2	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

WC-1MSD

Contract: RMJE02

Lab Code: CHEM **Case No.:** O5252 **SAS No.:** O5252 **SDG NO.:** O5252

Lab Sample ID: O5256-01MSD **Date(s) Analyzed:** 11/06/2023 11/06/2023

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 FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endrin ketone	1	7.46	7.41	7.51	17.5	0
	2	6.67	6.62	6.72	17.5	
alpha-BHC	1	3.81	3.76	3.86	18.1	3.8
	2	3.12	3.07	3.17	18.8	
gamma-BHC (Lindane)	1	4.14	4.09	4.19	18.6	2.7
	2	3.44	3.39	3.49	19.1	
Heptachlor	1	4.73	4.68	4.78	17.7	7.1
	2	3.78	3.73	3.83	19.0	
Aldrin	1	5.07	5.02	5.12	17.7	14.2
	2	4.06	4.01	4.11	20.4	
beta-BHC	1	4.34	4.29	4.39	17.2	7.8
	2	3.75	3.70	3.80	18.6	

CHEMTECH

QC SAMPLE DATA

Raw Data: **PL086479.D**

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	RMJ Environomics, Inc.	Date Collected:	
Project:	245 Greenwood Ave	Date Received:	
Client Sample ID:	PB156920BL	SDG No.:	O5252
Lab Sample ID:	PB156920BL	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
PL086479.D	1	11/06/23 09:10	11/06/23 17:11	PB156920

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.24	U	0.24	1.70	ug/kg
319-85-7	beta-BHC	0.52	U	0.52	1.70	ug/kg
319-86-8	delta-BHC	0.41	U	0.41	1.70	ug/kg
58-89-9	gamma-BHC (Lindane)	0.22	U	0.22	1.70	ug/kg
76-44-8	Heptachlor	0.23	U	0.23	1.70	ug/kg
309-00-2	Aldrin	0.20	U	0.20	1.70	ug/kg
1024-57-3	Heptachlor epoxide	0.29	U	0.29	1.70	ug/kg
959-98-8	Endosulfan I	0.19	U	0.19	1.70	ug/kg
60-57-1	Dieldrin	0.18	U	0.18	1.70	ug/kg
72-55-9	4,4-DDE	0.18	U	0.18	1.70	ug/kg
72-20-8	Endrin	0.17	U	0.17	1.70	ug/kg
33213-65-9	Endosulfan II	0.22	U	0.22	1.70	ug/kg
72-54-8	4,4-DDD	0.21	U	0.21	1.70	ug/kg
1031-07-8	Endosulfan Sulfate	0.18	U	0.18	1.70	ug/kg
50-29-3	4,4-DDT	0.21	U	0.21	1.70	ug/kg
72-43-5	Methoxychlor	0.25	U	0.25	1.70	ug/kg
53494-70-5	Endrin ketone	0.29	U	0.29	1.70	ug/kg
7421-93-4	Endrin aldehyde	0.29	U	0.29	1.70	ug/kg
5103-71-9	alpha-Chlordane	0.21	U	0.21	1.70	ug/kg
5103-74-2	gamma-Chlordane	0.21	U	0.21	1.70	ug/kg
8001-35-2	Toxaphene	6.60	U	6.60	33.0	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.8		30 (12) - 150 (143)	89%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16.9		30 (10) - 150 (159)	85%	SPK: 20

Raw Data: **PL086479.D**

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	RMJ Environomics, Inc.	Date Collected:	
Project:	245 Greenwood Ave	Date Received:	
Client Sample ID:	PB156920BL	SDG No.:	O5252
Lab Sample ID:	PB156920BL	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
PL086479.D	1	11/06/23 09:10	11/06/23 17:11	PB156920

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\PL110623\
Data File : PL086479.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2023 17:11
Operator : AR\AJ
Sample : PB156920BL
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB156920BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 20:37:09 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 05:32:51 2023
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...	3.357	2.619	50139744	16120053	15.799	16.933
28)	SA Decachlor...	8.858	7.770	47132989	20385632	17.821	17.772
	Target Compounds						

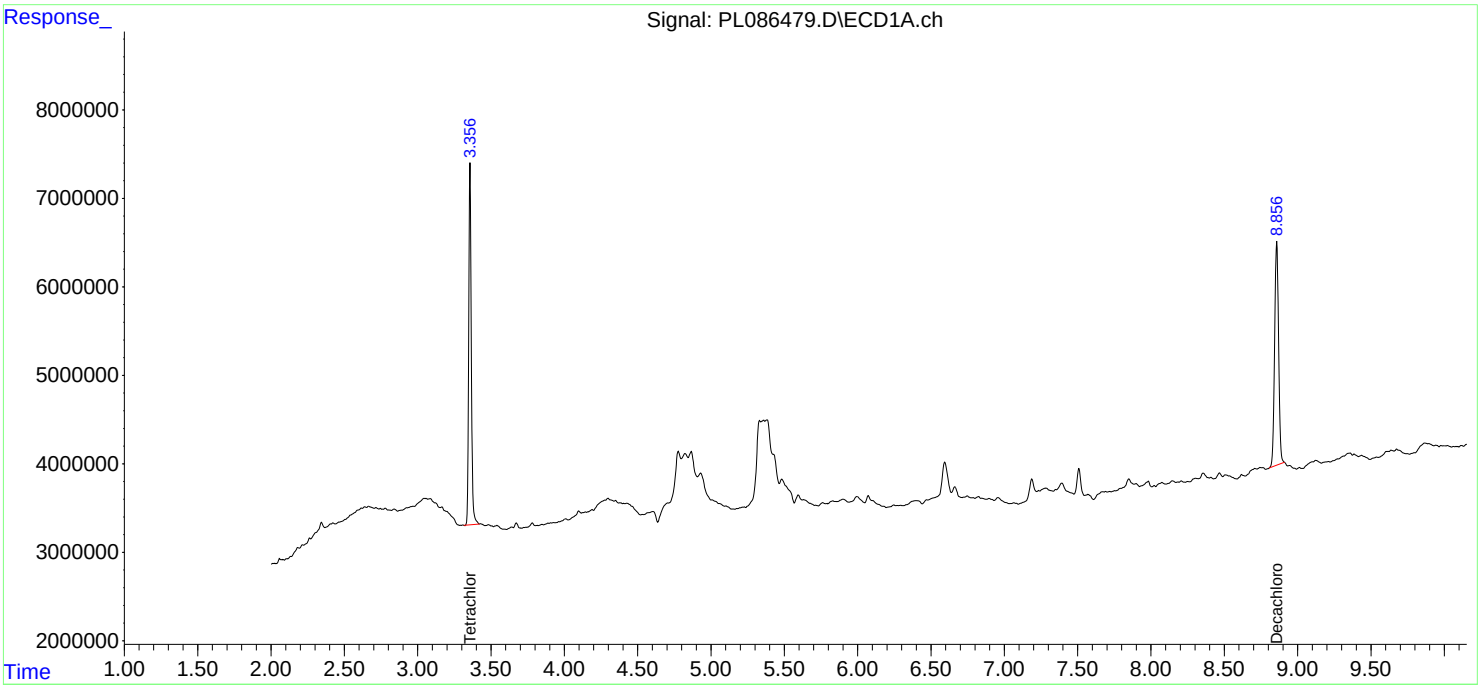
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

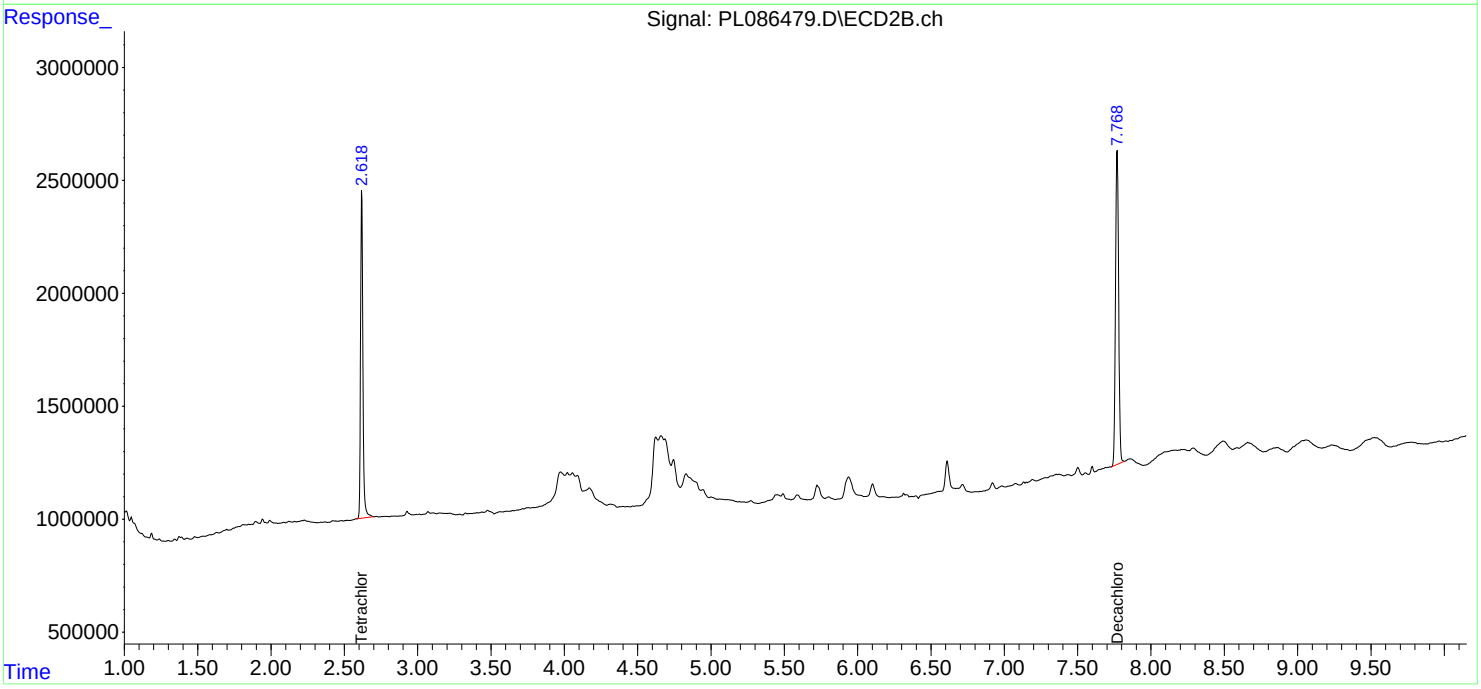
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110623\
Data File : PL086479.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2023 17:11
Operator : AR\AJ
Sample : PB156920BL
Misc :
ALS Vial : 19 Sample Multiplier: 1

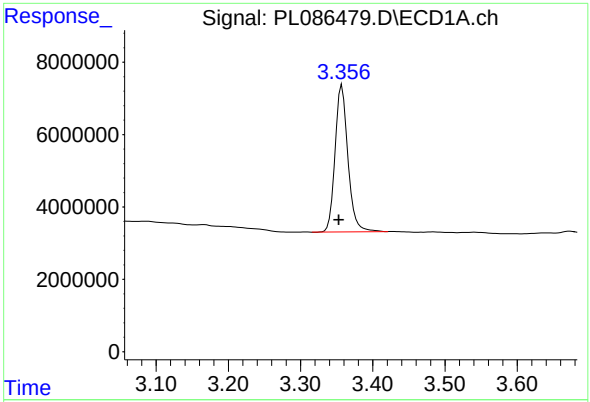
Instrument :
ECD_L
ClientSampleId :
PB156920BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 20:37:09 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 05:32:51 2023
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



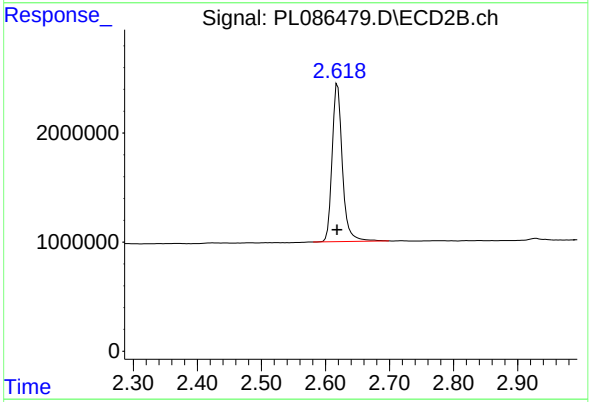




#1 Tetrachloro-m-xylene

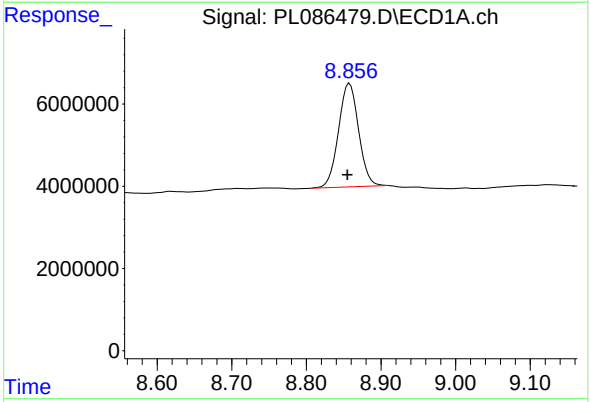
R.T.: 3.357 min
Delta R.T.: 0.004 min
Response: 50139744
Conc: 15.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156920BL



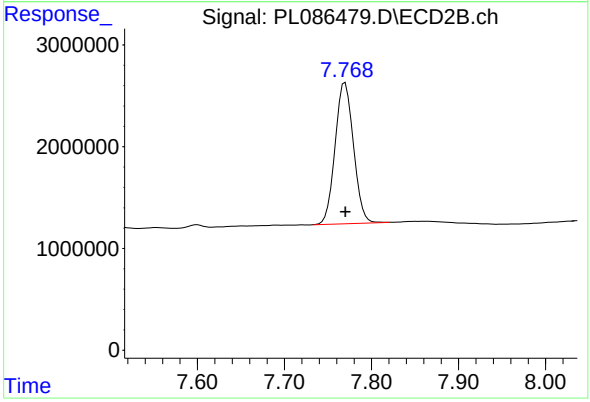
#1 Tetrachloro-m-xylene

R.T.: 2.619 min
Delta R.T.: 0.000 min
Response: 16120053
Conc: 16.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.858 min
Delta R.T.: 0.003 min
Response: 47132989
Conc: 17.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.770 min
Delta R.T.: 0.000 min
Response: 20385632
Conc: 17.77 ng/ml

Raw Data: **PL086340.D**

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	RMJ Environomics, Inc.	Date Collected:	11/01/23
Project:	245 Greenwood Ave	Date Received:	11/01/23
Client Sample ID:	PIBLK-PL086340.D	SDG No.:	O5252
Lab Sample ID:	I.BLK-PL086340.D	Matrix:	WATER
Analytical Method:	SFAM_PEST	% 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
PL086340.D	1		11/01/23	pl110123

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0078	U	0.0078	0.050	ug/L
319-85-7	beta-BHC	0.014	U	0.014	0.050	ug/L
319-86-8	delta-BHC	0.012	U	0.012	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.0064	U	0.0064	0.050	ug/L
76-44-8	Heptachlor	0.0073	U	0.0073	0.050	ug/L
309-00-2	Aldrin	0.0071	U	0.0071	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.010	U	0.010	0.050	ug/L
959-98-8	Endosulfan I	0.0059	U	0.0059	0.050	ug/L
60-57-1	Dieldrin	0.0054	U	0.0054	0.050	ug/L
72-55-9	4,4-DDE	0.0059	U	0.0059	0.050	ug/L
72-20-8	Endrin	0.0043	U	0.0043	0.050	ug/L
33213-65-9	Endosulfan II	0.0076	U	0.0076	0.050	ug/L
72-54-8	4,4-DDD	0.0084	U	0.0084	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0051	U	0.0051	0.050	ug/L
50-29-3	4,4-DDT	0.0065	U	0.0065	0.050	ug/L
72-43-5	Methoxychlor	0.0066	U	0.0066	0.050	ug/L
53494-70-5	Endrin ketone	0.0084	U	0.0084	0.050	ug/L
7421-93-4	Endrin aldehyde	0.0070	U	0.0070	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0074	U	0.0074	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0065	U	0.0065	0.050	ug/L
8001-35-2	Toxaphene	0.18	U	0.18	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	22.5		30 (27) - 150 (142)	113%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.4		30 (35) - 150 (148)	107%	SPK: 20

Raw Data: **PL086340.D**

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	RMJ Environomics, Inc.	Date Collected:	11/01/23
Project:	245 Greenwood Ave	Date Received:	11/01/23
Client Sample ID:	PIBLK-PL086340.D	SDG No.:	O5252
Lab Sample ID:	I.BLK-PL086340.D	Matrix:	WATER
Analytical Method:	SFAM_PEST	% 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
PL086340.D	1		11/01/23	pl110123

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\PL110123\
Data File : PL086340.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Nov 2023 08:08
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 02 05:45:17 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 05:32:51 2023
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...	3.353	2.618	67743785	20347322	21.347	21.373
28)	SA Decachlor...	8.855	7.771	59523757	25674319	22.506	22.383
	Target Compounds						

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

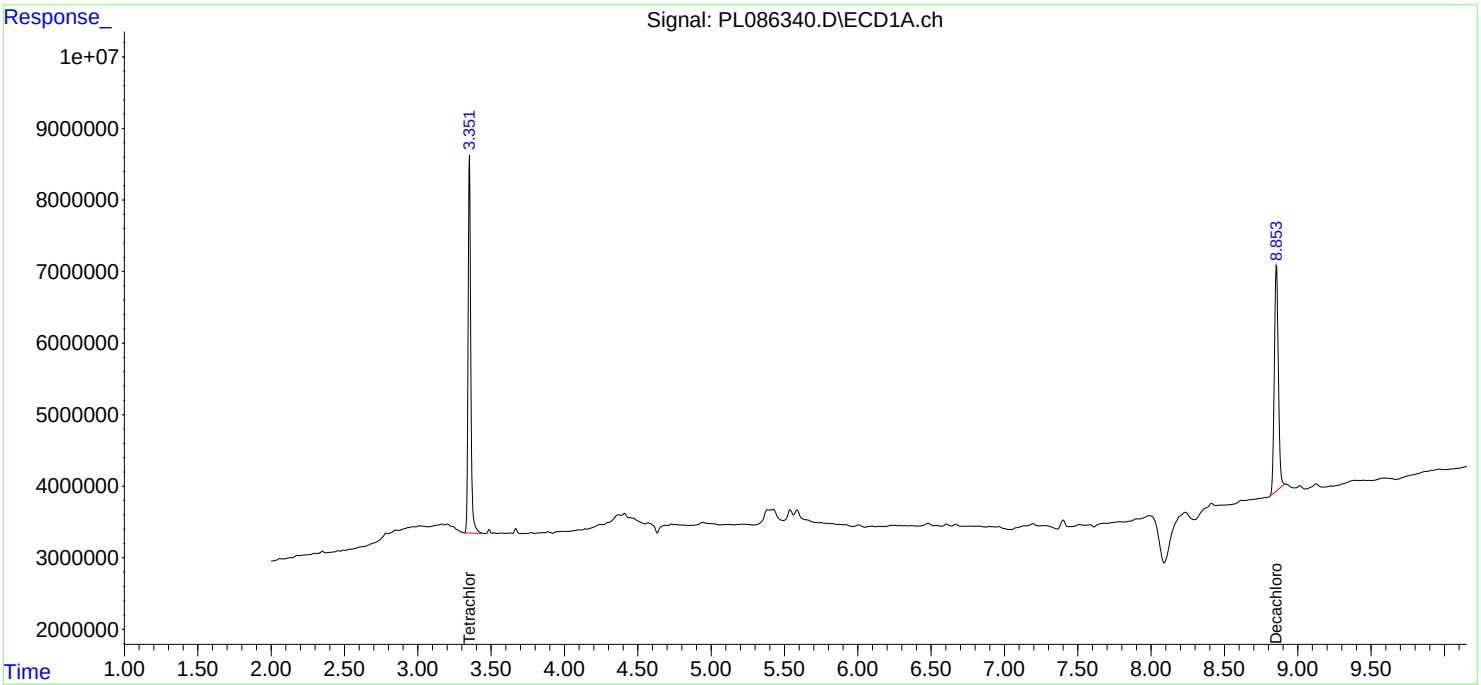
Sample Results: **PL086340.D**

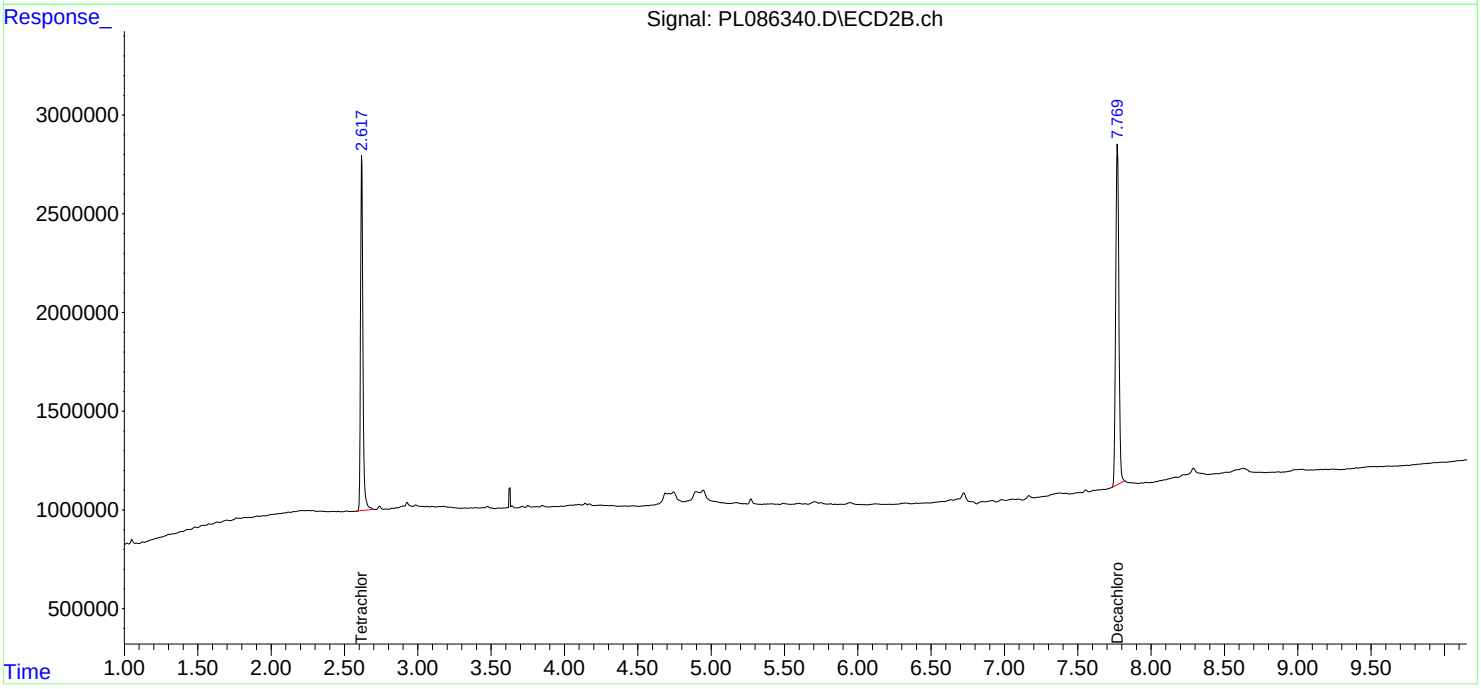
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110123\
Data File : PL086340.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Nov 2023 08:08
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

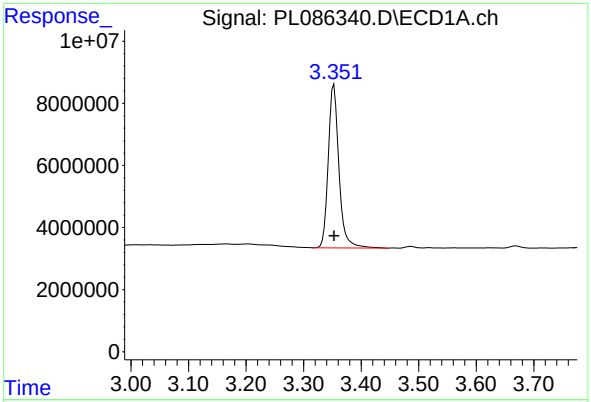
Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 02 05:45:17 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 05:32:51 2023
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



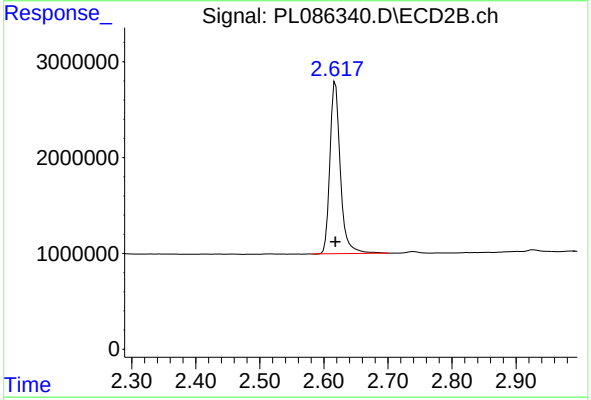




#1 Tetrachloro-m-xylene

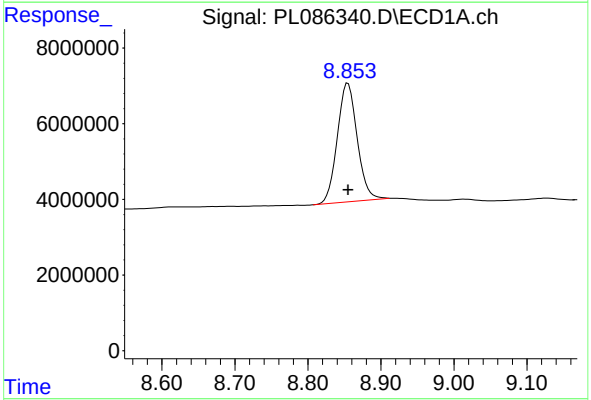
R.T.: 3.353 min
Delta R.T.: 0.000 min
Response: 67743785
Conc: 21.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK



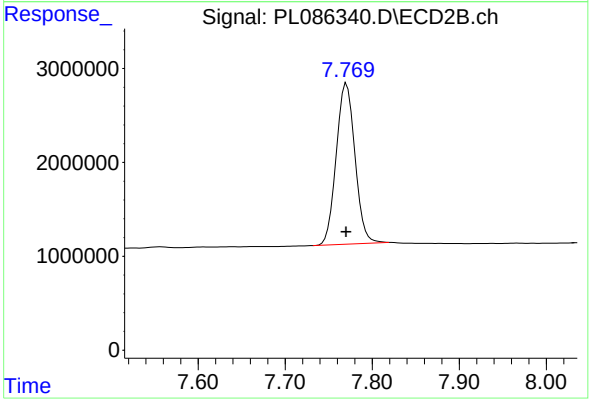
#1 Tetrachloro-m-xylene

R.T.: 2.618 min
Delta R.T.: 0.000 min
Response: 20347322
Conc: 21.37 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.855 min
Delta R.T.: 0.000 min
Response: 59523757
Conc: 22.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.771 min
Delta R.T.: 0.000 min
Response: 25674319
Conc: 22.38 ng/ml

Raw Data: **PL086473.D**

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	RMJ Environomics, Inc.	Date Collected:	11/06/23
Project:	245 Greenwood Ave	Date Received:	11/06/23
Client Sample ID:	PIBLK-PL086473.D	SDG No.:	O5252
Lab Sample ID:	I.BLK-PL086473.D	Matrix:	WATER
Analytical Method:	SFAM_PEST	% 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
PL086473.D	1		11/06/23	pl110623

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0078	U	0.0078	0.050	ug/L
319-85-7	beta-BHC	0.014	U	0.014	0.050	ug/L
319-86-8	delta-BHC	0.012	U	0.012	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.0064	U	0.0064	0.050	ug/L
76-44-8	Heptachlor	0.0073	U	0.0073	0.050	ug/L
309-00-2	Aldrin	0.0071	U	0.0071	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.010	U	0.010	0.050	ug/L
959-98-8	Endosulfan I	0.0059	U	0.0059	0.050	ug/L
60-57-1	Dieldrin	0.0054	U	0.0054	0.050	ug/L
72-55-9	4,4-DDE	0.0059	U	0.0059	0.050	ug/L
72-20-8	Endrin	0.0043	U	0.0043	0.050	ug/L
33213-65-9	Endosulfan II	0.0076	U	0.0076	0.050	ug/L
72-54-8	4,4-DDD	0.0084	U	0.0084	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0051	U	0.0051	0.050	ug/L
50-29-3	4,4-DDT	0.0065	U	0.0065	0.050	ug/L
72-43-5	Methoxychlor	0.0066	U	0.0066	0.050	ug/L
53494-70-5	Endrin ketone	0.0084	U	0.0084	0.050	ug/L
7421-93-4	Endrin aldehyde	0.0070	U	0.0070	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0074	U	0.0074	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0065	U	0.0065	0.050	ug/L
8001-35-2	Toxaphene	0.18	U	0.18	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	22.2		30 (27) - 150 (142)	111%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.7		30 (35) - 150 (148)	109%	SPK: 20

Raw Data: **PL086473.D**

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	RMJ Environomics, Inc.	Date Collected:	11/06/23
Project:	245 Greenwood Ave	Date Received:	11/06/23
Client Sample ID:	PIBLK-PL086473.D	SDG No.:	O5252
Lab Sample ID:	I.BLK-PL086473.D	Matrix:	WATER
Analytical Method:	SFAM_PEST	% 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
PL086473.D	1		11/06/23	pl110623

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

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

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

Sample Results: **PL086473.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110623\
Data File : PL086473.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2023 15:45
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 20:30:07 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 05:32:51 2023
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...	3.353	2.619	65337389	20675169	20.588	21.718
28)	SA Decachlor...	8.854	7.768	58715585	24181091	22.200	21.081
	Target Compounds						

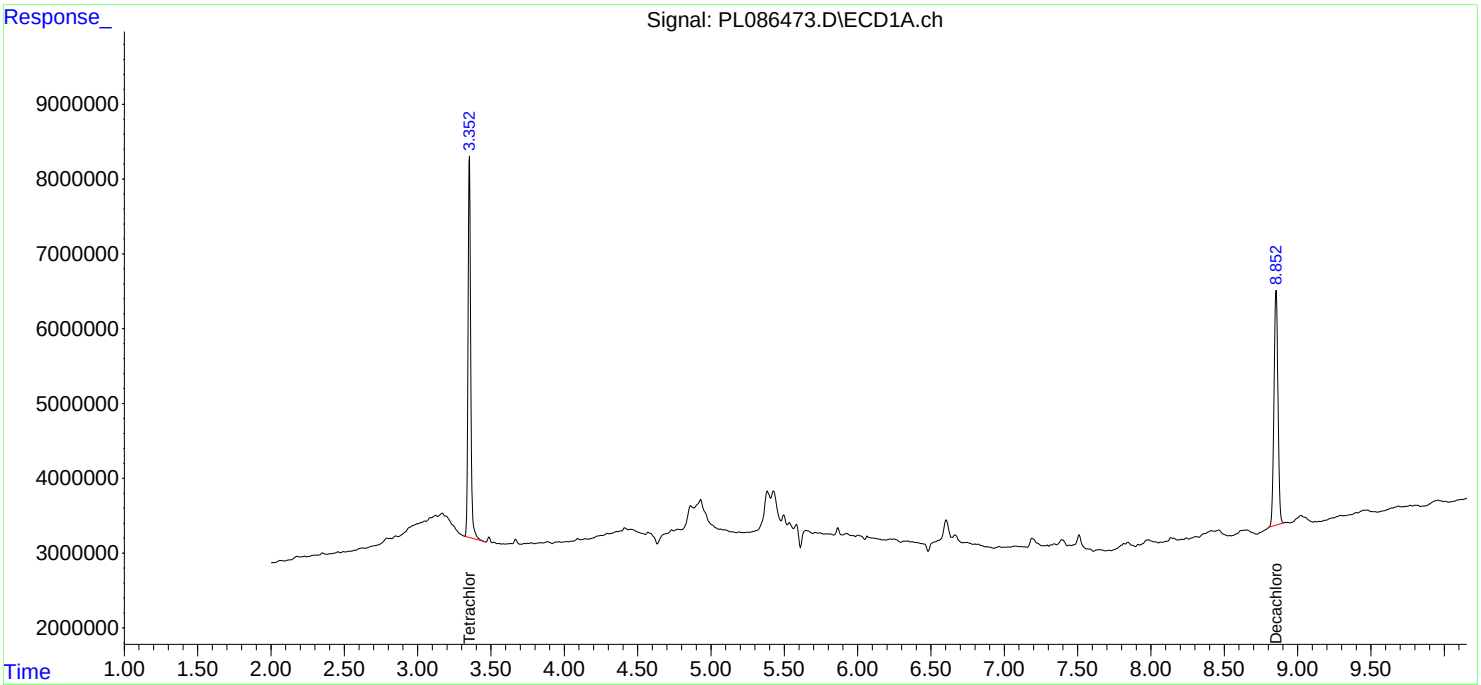
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

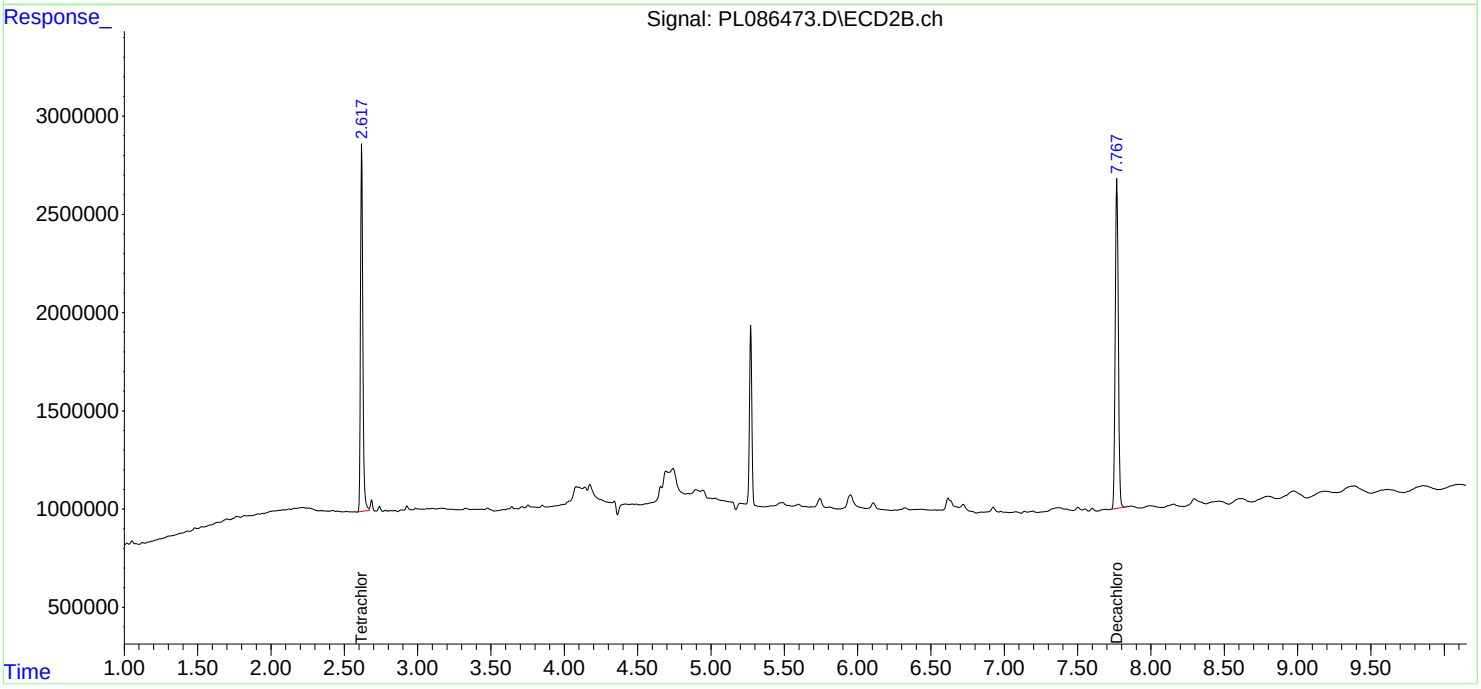
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110623\
Data File : PL086473.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2023 15:45
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

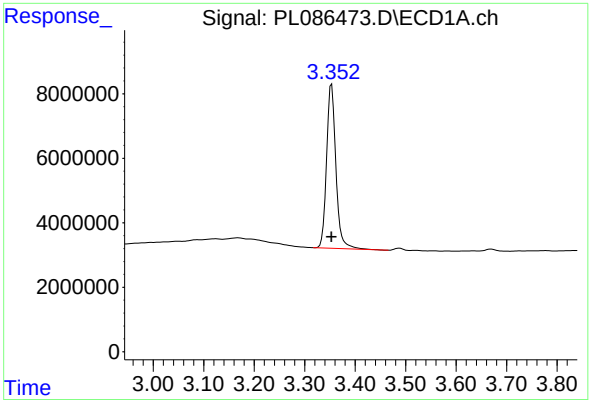
Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 20:30:07 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 05:32:51 2023
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



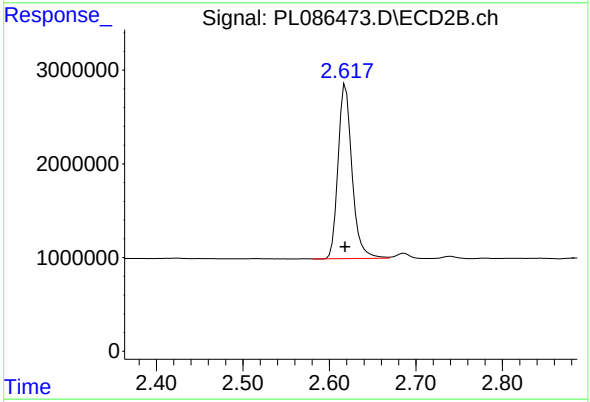




#1 Tetrachloro-m-xylene

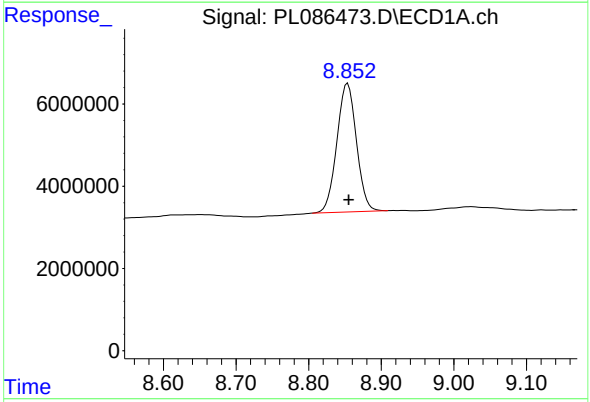
R.T.: 3.353 min
Delta R.T.: 0.000 min
Response: 65337389
Conc: 20.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK



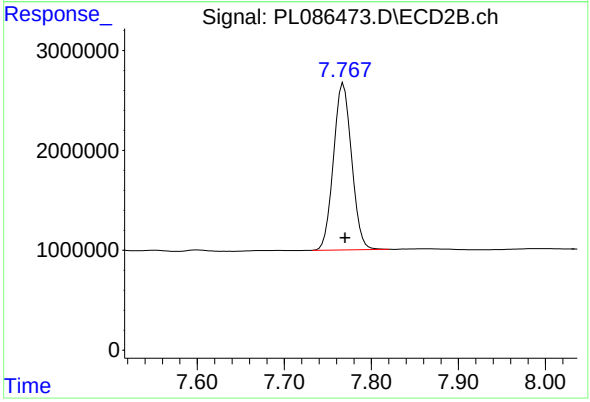
#1 Tetrachloro-m-xylene

R.T.: 2.619 min
Delta R.T.: 0.000 min
Response: 20675169
Conc: 21.72 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.854 min
Delta R.T.: -0.001 min
Response: 58715585
Conc: 22.20 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.768 min
Delta R.T.: -0.002 min
Response: 24181091
Conc: 21.08 ng/ml

Raw Data: **PL086484.D**

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	RMJ Environomics, Inc.	Date Collected:	11/06/23
Project:	245 Greenwood Ave	Date Received:	11/06/23
Client Sample ID:	PIBLK-PL086484.D	SDG No.:	O5252
Lab Sample ID:	I.BLK-PL086484.D	Matrix:	WATER
Analytical Method:	SFAM_PEST	% 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
PL086484.D	1		11/06/23	pl110623

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0078	U	0.0078	0.050	ug/L
319-85-7	beta-BHC	0.014	U	0.014	0.050	ug/L
319-86-8	delta-BHC	0.012	U	0.012	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.0064	U	0.0064	0.050	ug/L
76-44-8	Heptachlor	0.0073	U	0.0073	0.050	ug/L
309-00-2	Aldrin	0.0071	U	0.0071	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.010	U	0.010	0.050	ug/L
959-98-8	Endosulfan I	0.0059	U	0.0059	0.050	ug/L
60-57-1	Dieldrin	0.0054	U	0.0054	0.050	ug/L
72-55-9	4,4-DDE	0.0059	U	0.0059	0.050	ug/L
72-20-8	Endrin	0.0043	U	0.0043	0.050	ug/L
33213-65-9	Endosulfan II	0.0076	U	0.0076	0.050	ug/L
72-54-8	4,4-DDD	0.0084	U	0.0084	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0051	U	0.0051	0.050	ug/L
50-29-3	4,4-DDT	0.0065	U	0.0065	0.050	ug/L
72-43-5	Methoxychlor	0.0066	U	0.0066	0.050	ug/L
53494-70-5	Endrin ketone	0.0084	U	0.0084	0.050	ug/L
7421-93-4	Endrin aldehyde	0.0070	U	0.0070	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0074	U	0.0074	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0065	U	0.0065	0.050	ug/L
8001-35-2	Toxaphene	0.18	U	0.18	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	22.9		30 (27) - 150 (142)	114%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.3		30 (35) - 150 (148)	107%	SPK: 20

Raw Data: **PL086484.D**

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	RMJ Environomics, Inc.	Date Collected:	11/06/23
Project:	245 Greenwood Ave	Date Received:	11/06/23
Client Sample ID:	PIBLK-PL086484.D	SDG No.:	O5252
Lab Sample ID:	I.BLK-PL086484.D	Matrix:	WATER
Analytical Method:	SFAM_PEST	% 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
PL086484.D	1		11/06/23	pl110623

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\PL110623\
Data File : PL086484.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2023 18:35
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 20:43:18 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 05:32:51 2023
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...	3.362	2.618	65022785	20299743	20.489	21.324
28)	SA Decachlor...	8.865	7.772	58836630	26223114	22.246	22.862
	Target Compounds						

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

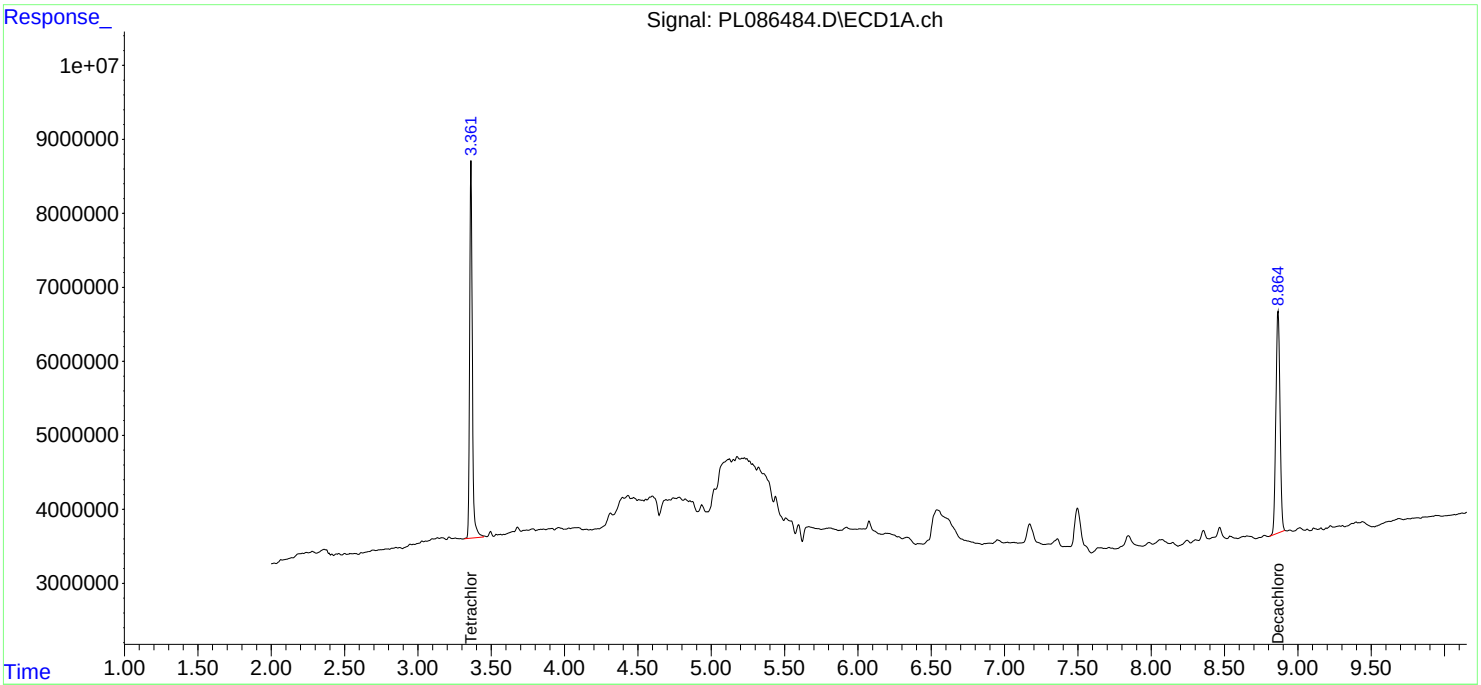
Sample Results: **PL086484.D**

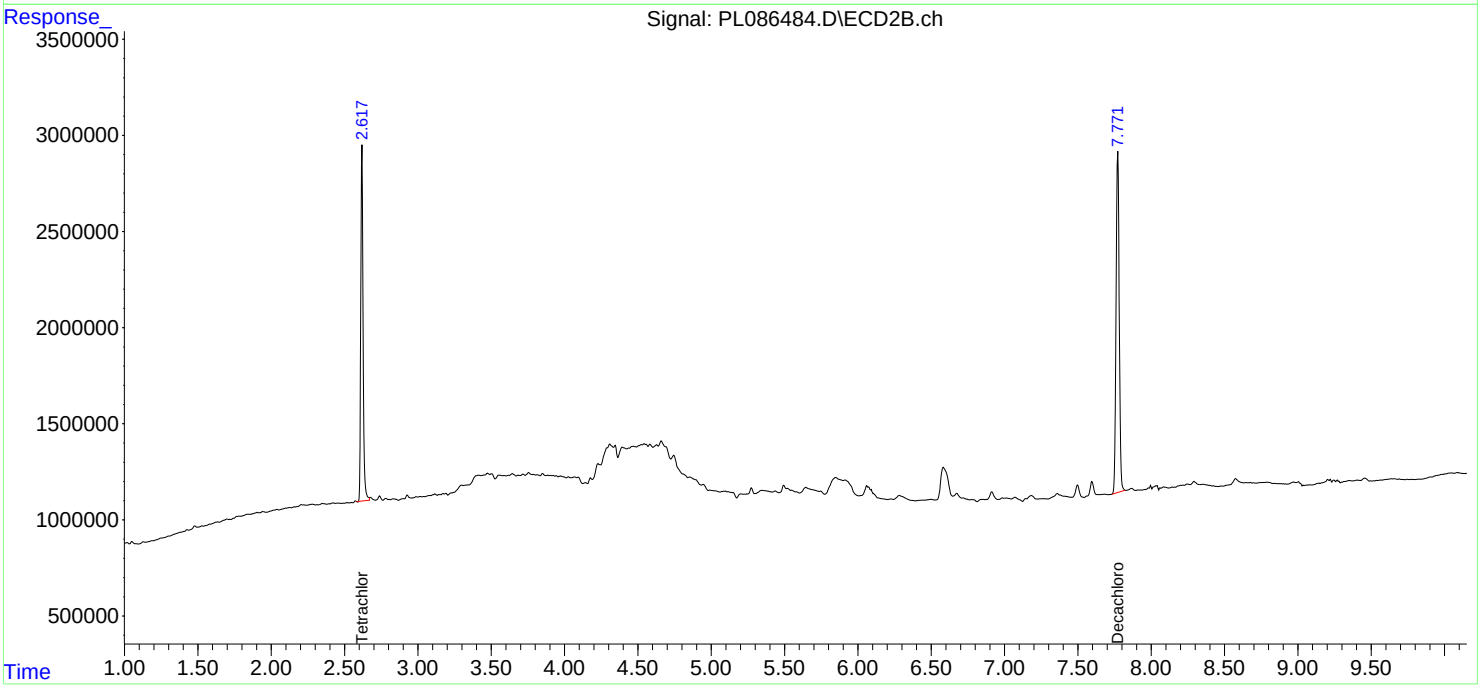
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110623\
Data File : PL086484.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2023 18:35
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

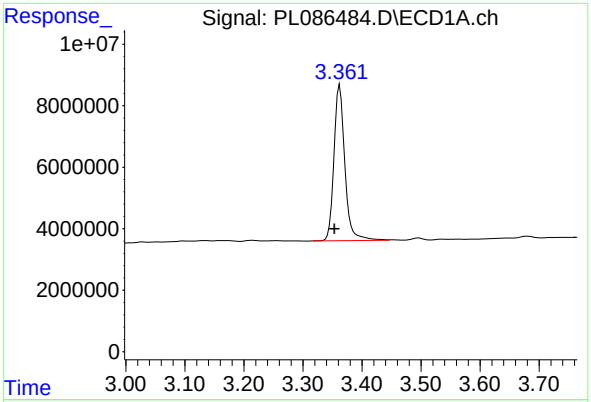
Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 20:43:18 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 05:32:51 2023
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



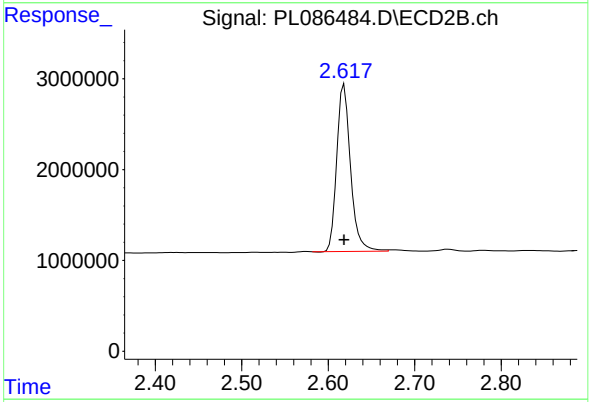




#1 Tetrachloro-m-xylene

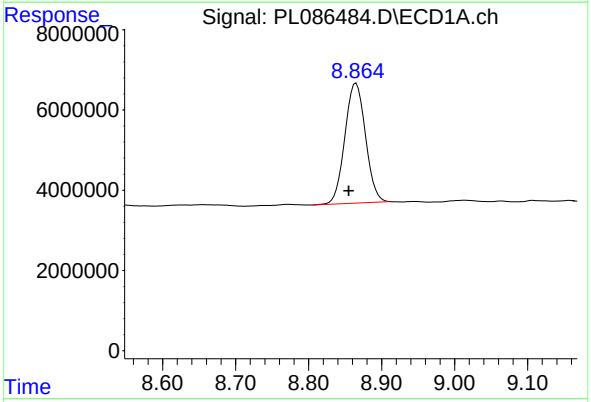
R.T.: 3.362 min
Delta R.T.: 0.009 min
Response: 65022785
Conc: 20.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK



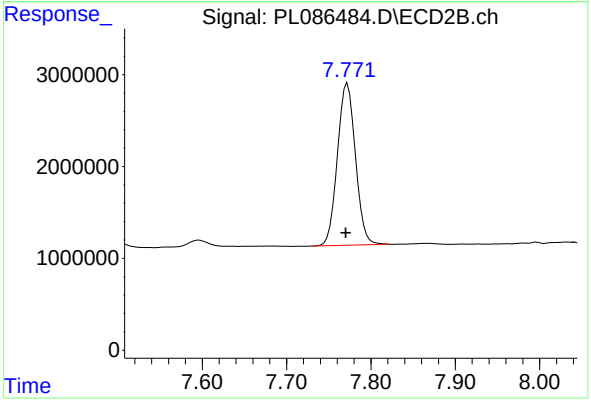
#1 Tetrachloro-m-xylene

R.T.: 2.618 min
Delta R.T.: 0.000 min
Response: 20299743
Conc: 21.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.865 min
Delta R.T.: 0.010 min
Response: 58836630
Conc: 22.25 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.772 min
Delta R.T.: 0.002 min
Response: 26223114
Conc: 22.86 ng/ml

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Report of Analysis

Client:	RMJ Environomics, Inc.	Date Collected:	11/06/23
Project:	245 Greenwood Ave	Date Received:	11/06/23
Client Sample ID:	PIBLK-PL086493.D	SDG No.:	O5252
Lab Sample ID:	I.BLK-PL086493.D	Matrix:	WATER
Analytical Method:	SFAM_PEST	% 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
PL086493.D	1		11/06/23	pl110623

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0078	U	0.0078	0.050	ug/L
319-85-7	beta-BHC	0.014	U	0.014	0.050	ug/L
319-86-8	delta-BHC	0.012	U	0.012	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.0064	U	0.0064	0.050	ug/L
76-44-8	Heptachlor	0.0073	U	0.0073	0.050	ug/L
309-00-2	Aldrin	0.0071	U	0.0071	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.010	U	0.010	0.050	ug/L
959-98-8	Endosulfan I	0.0059	U	0.0059	0.050	ug/L
60-57-1	Dieldrin	0.0054	U	0.0054	0.050	ug/L
72-55-9	4,4-DDE	0.0059	U	0.0059	0.050	ug/L
72-20-8	Endrin	0.0043	U	0.0043	0.050	ug/L
33213-65-9	Endosulfan II	0.0076	U	0.0076	0.050	ug/L
72-54-8	4,4-DDD	0.0084	U	0.0084	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0051	U	0.0051	0.050	ug/L
50-29-3	4,4-DDT	0.0065	U	0.0065	0.050	ug/L
72-43-5	Methoxychlor	0.0066	U	0.0066	0.050	ug/L
53494-70-5	Endrin ketone	0.0084	U	0.0084	0.050	ug/L
7421-93-4	Endrin aldehyde	0.0070	U	0.0070	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0074	U	0.0074	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0065	U	0.0065	0.050	ug/L
8001-35-2	Toxaphene	0.18	U	0.18	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	23.2		30 (27) - 150 (142)	116%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.9		30 (35) - 150 (148)	109%	SPK: 20

Raw Data: **PL086493.D**

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Report of Analysis

Client:	RMJ Environomics, Inc.	Date Collected:	11/06/23
Project:	245 Greenwood Ave	Date Received:	11/06/23
Client Sample ID:	PIBLK-PL086493.D	SDG No.:	O5252
Lab Sample ID:	I.BLK-PL086493.D	Matrix:	WATER
Analytical Method:	SFAM_PEST	% 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
PL086493.D	1		11/06/23	pl110623

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\PL110623\
Data File : PL086493.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2023 20:53
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 04:33:40 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 05:32:51 2023
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...	3.353	2.618	68386795	20802389	21.549	21.852
28)	SA Decachlor...	8.854	7.768	61106512	26647098	23.104	23.231
	Target Compounds						

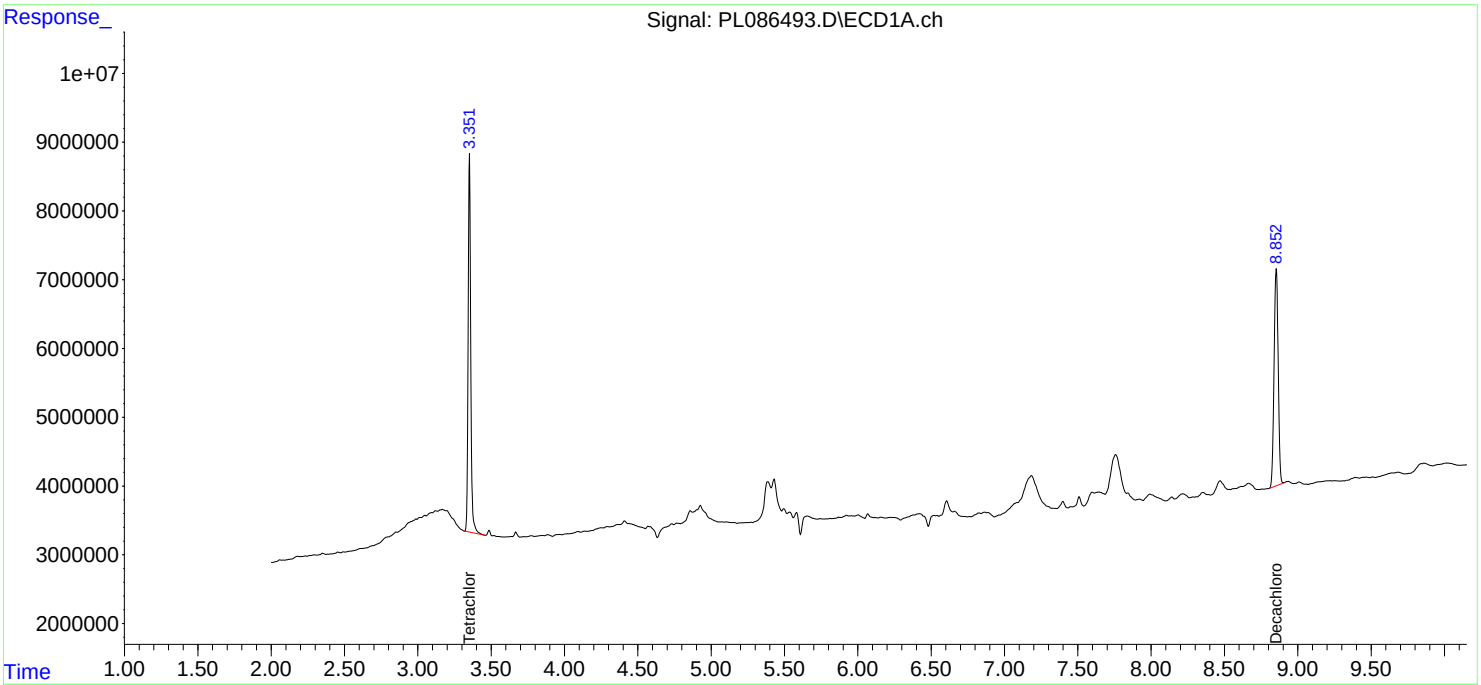
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

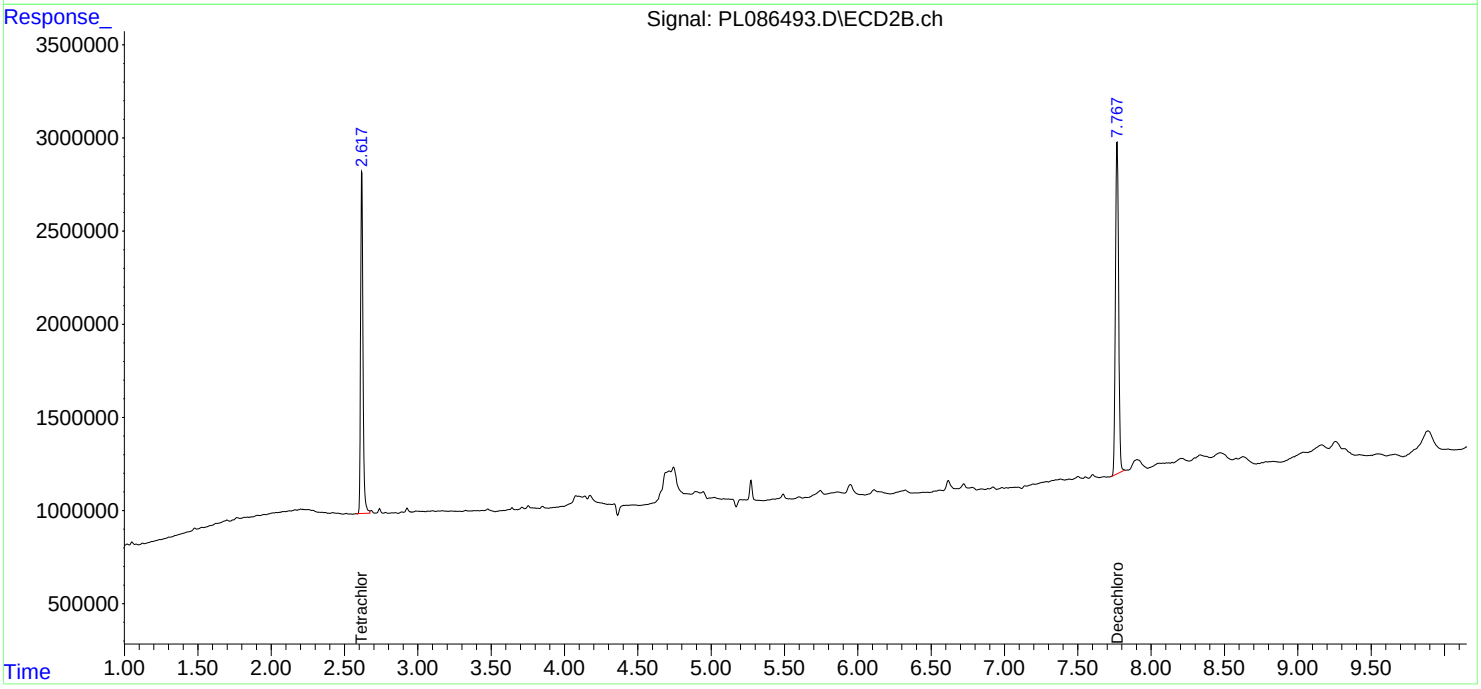
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110623\
Data File : PL086493.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2023 20:53
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

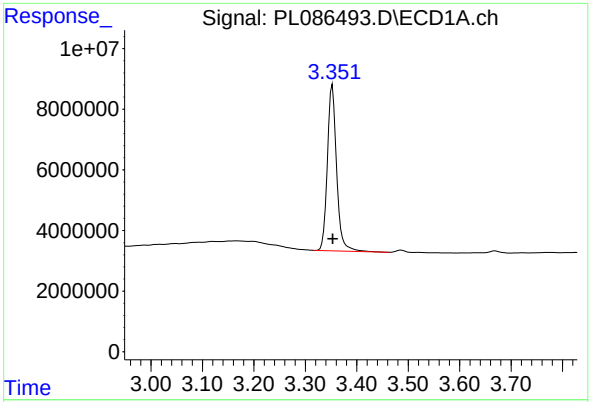
Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 04:33:40 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 05:32:51 2023
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



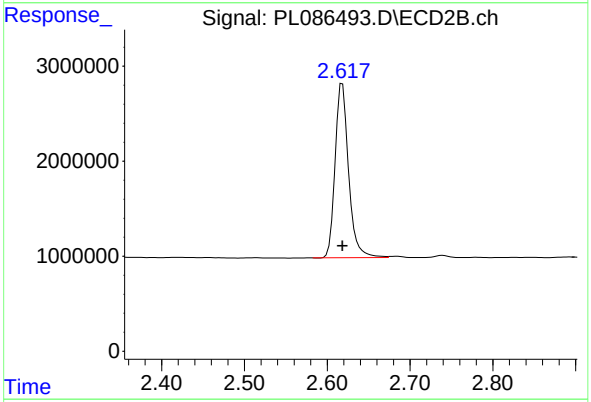




#1 Tetrachloro-m-xylene

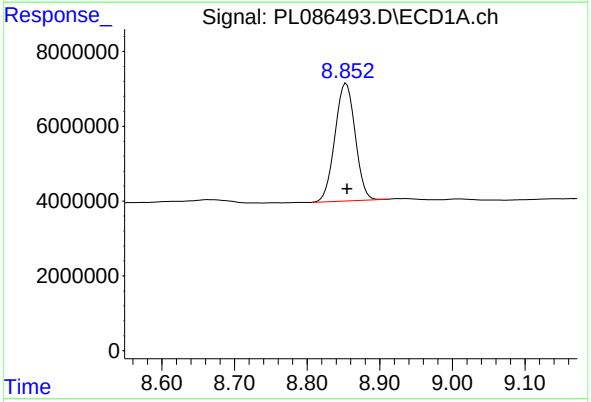
R.T.: 3.353 min
Delta R.T.: 0.000 min
Response: 68386795
Conc: 21.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK



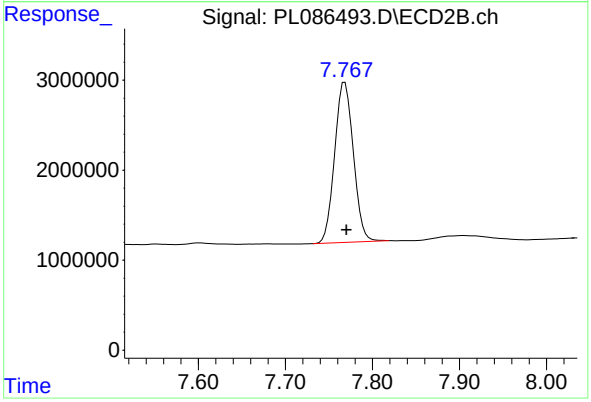
#1 Tetrachloro-m-xylene

R.T.: 2.618 min
Delta R.T.: 0.000 min
Response: 20802389
Conc: 21.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.854 min
Delta R.T.: -0.001 min
Response: 61106512
Conc: 23.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.768 min
Delta R.T.: -0.002 min
Response: 26647098
Conc: 23.23 ng/ml

Raw Data: **PL086480.D**

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Report of Analysis

Client:	RMJ Environomics, Inc.	Date Collected:	
Project:	245 Greenwood Ave	Date Received:	
Client Sample ID:	PB156920BS	SDG No.:	O5252
Lab Sample ID:	PB156920BS	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	100 Decanted:
Sample Wt/Vol:	30 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
PL086480.D	1	11/06/23 09:10	11/06/23 17:24	PB156920

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	16.5		0.24	1.70	ug/kg
319-85-7	beta-BHC	16.3		0.52	1.70	ug/kg
319-86-8	delta-BHC	16.6		0.41	1.70	ug/kg
58-89-9	gamma-BHC (Lindane)	16.4		0.22	1.70	ug/kg
76-44-8	Heptachlor	16.6		0.23	1.70	ug/kg
309-00-2	Aldrin	16.7		0.20	1.70	ug/kg
1024-57-3	Heptachlor epoxide	16.6		0.29	1.70	ug/kg
959-98-8	Endosulfan I	15.6		0.19	1.70	ug/kg
60-57-1	Dieldrin	16.5		0.18	1.70	ug/kg
72-55-9	4,4-DDE	17.9		0.18	1.70	ug/kg
72-20-8	Endrin	16.1		0.17	1.70	ug/kg
33213-65-9	Endosulfan II	16.5		0.22	1.70	ug/kg
72-54-8	4,4-DDD	18.2		0.21	1.70	ug/kg
1031-07-8	Endosulfan Sulfate	16.6		0.18	1.70	ug/kg
50-29-3	4,4-DDT	17.3		0.21	1.70	ug/kg
72-43-5	Methoxychlor	16.6		0.25	1.70	ug/kg
53494-70-5	Endrin ketone	16.8		0.29	1.70	ug/kg
7421-93-4	Endrin aldehyde	18.2		0.29	1.70	ug/kg
5103-71-9	alpha-Chlordane	16.1		0.21	1.70	ug/kg
5103-74-2	gamma-Chlordane	16.7		0.21	1.70	ug/kg
8001-35-2	Toxaphene	6.60	U	6.60	33.0	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.1		30 (12) - 150 (143)	95%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.1		30 (10) - 150 (159)	90%	SPK: 20

Raw Data: **PL086480.D**

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Report of Analysis

Client:	RMJ Environomics, Inc.		Date Collected:		
Project:	245 Greenwood Ave		Date Received:		
Client Sample ID:	PB156920BS		SDG No.:	O5252	
Lab Sample ID:	PB156920BS		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	100	Decanted:
Sample Wt/Vol:	30	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
PL086480.D	1	11/06/23 09:10	11/06/23 17:24	PB156920

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\PL110623\
Data File : PL086480.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2023 17:24
Operator : AR\AJ
Sample : PB156920BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB156920BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 20:38:31 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 05:32:51 2023
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...	3.353	2.619	54581795	17225986	17.199	18.095
28) SA	Decachlor...	8.853	7.768	50226853	21847883	18.991	19.047
	Target Compounds						
2) A	alpha-BHC	3.807	3.117	215.7E6	64392245	45.700	49.618
3) MA	gamma-BHC...	4.138	3.444	208.1E6	64539483	45.675	49.133
4) MA	Heptachlor	4.725	3.780	204.0E6	64532887	46.794	49.745
5) MB	Aldrin	5.065	4.056	202.5E6	63815317	45.715	50.077
6) B	beta-BHC	4.342	3.746	86101173	28019697	43.654	48.821
7) B	delta-BHC	4.584	3.971	198.7E6	63081607	45.545	49.905
8) B	Heptachlo...	5.495	4.561	176.4E6	59389114	45.600	49.676
9) A	Endosulfan I	5.879	4.928	166.0E6	55709705	45.148	46.940
10) B	gamma-Chl...	5.752	4.812	180.4E6	59203272	45.460	50.029
11) B	alpha-Chl...	5.832	4.876	179.0E6	60379414	44.976	48.334
12) B	4,4'-DDE	6.015	5.075	156.1E6	53052940	49.186	53.760
13) MA	Dieldrin	6.155	5.194	173.9E6	59265565	45.242	49.629
14) MA	Endrin	6.384	5.468	146.1E6	53085323	43.752	48.175
15) B	Endosulfa...	6.607	5.765	151.2E6	53227090	46.956	49.380
16) A	4,4'-DDD	6.534	5.632	124.2E6	44574532	52.345	54.728
17) MA	4,4'-DDT	6.849	5.882	130.9E6	48968524	50.160	51.943
18) B	Endrin al...	6.738	5.947	122.4E6	46093380	50.269	54.658
19) B	Endosulfa...	6.974	6.171	141.3E6	52489739	45.743	49.787
20) A	Methoxychlor	7.336	6.466	67851508	29137565	48.919	49.864
21) B	Endrin ke...	7.457	6.673	148.2E6	62709595	46.435	50.281
22)	Mirex	7.929	6.849	136.7E6	60351234	50.108	52.752

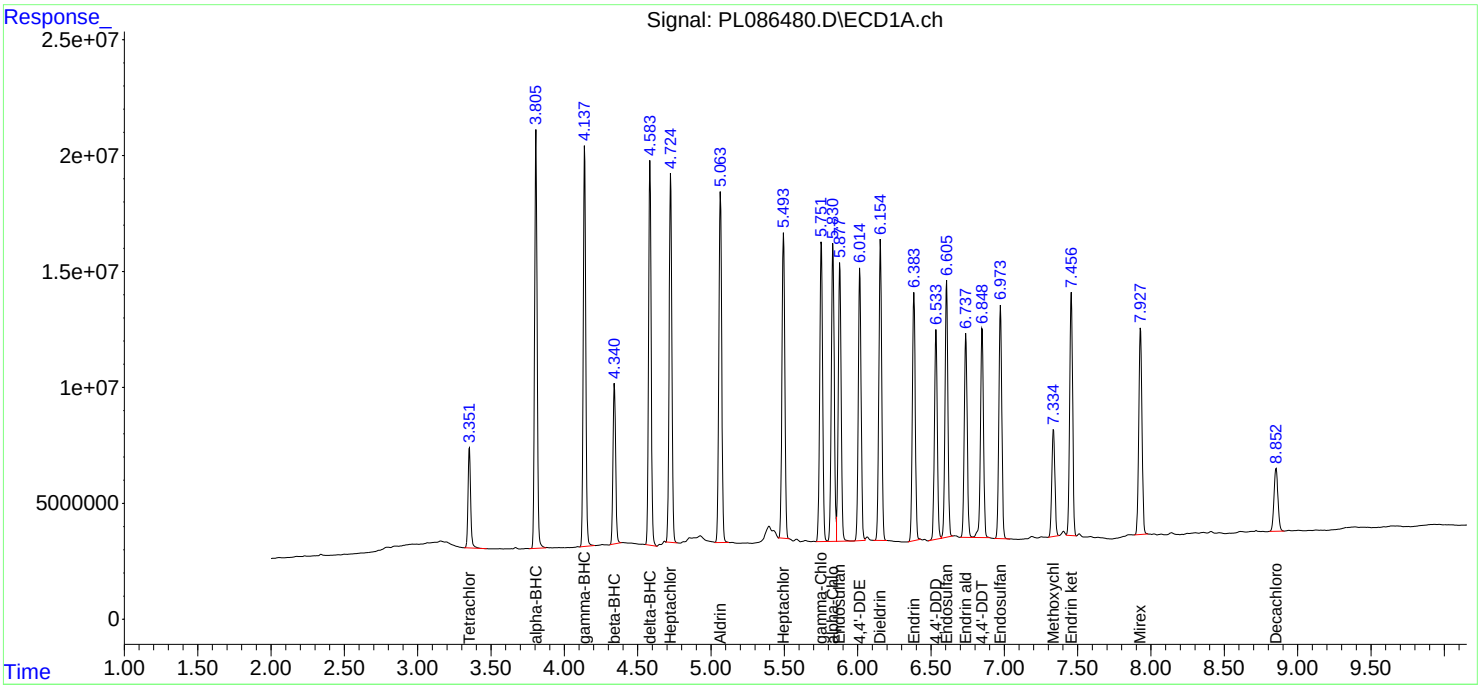
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

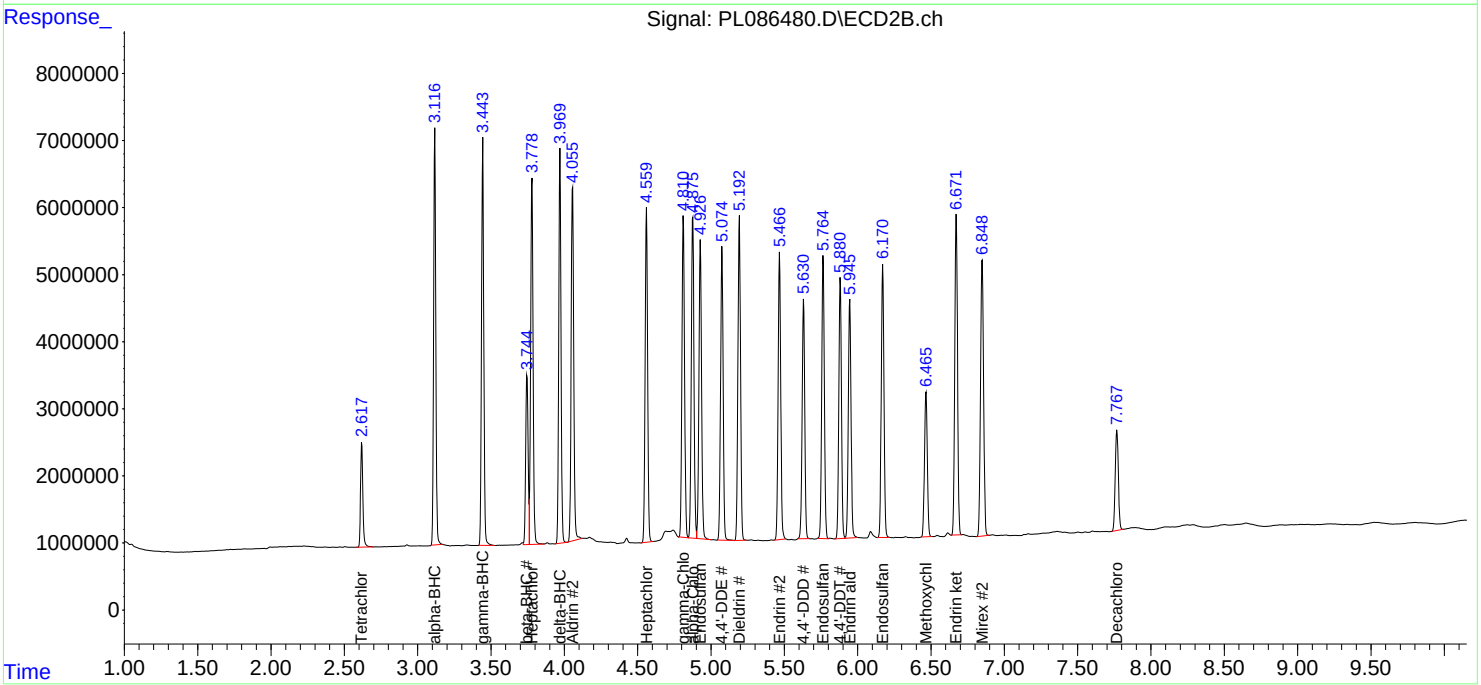
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110623\
Data File : PL086480.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2023 17:24
Operator : AR\AJ
Sample : PB156920BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB156920BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 20:38:31 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 05:32:51 2023
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





Raw Data: **PL086489.D**

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	RMJ Environomics, Inc.	Date Collected:	11/03/23
Project:	245 Greenwood Ave	Date Received:	11/03/23
Client Sample ID:	WC-1MS	SDG No.:	O5252
Lab Sample ID:	O5256-01MS	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	87 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
PL086489.D	1	11/06/23 09:10	11/06/23 19:57	PB156920

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	18.6		0.28	2.00	ug/kg
319-85-7	beta-BHC	18.8		0.60	2.00	ug/kg
319-86-8	delta-BHC	18.5		0.47	2.00	ug/kg
58-89-9	gamma-BHC (Lindane)	19.0		0.25	2.00	ug/kg
76-44-8	Heptachlor	18.8		0.26	2.00	ug/kg
309-00-2	Aldrin	20.2		0.23	2.00	ug/kg
1024-57-3	Heptachlor epoxide	18.2		0.33	2.00	ug/kg
959-98-8	Endosulfan I	16.4		0.22	2.00	ug/kg
60-57-1	Dieldrin	21.2		0.21	2.00	ug/kg
72-55-9	4,4-DDE	20.3		0.21	2.00	ug/kg
72-20-8	Endrin	18.3		0.20	2.00	ug/kg
33213-65-9	Endosulfan II	18.7		0.25	2.00	ug/kg
72-54-8	4,4-DDD	20.3		0.24	2.00	ug/kg
1031-07-8	Endosulfan Sulfate	18.3		0.21	2.00	ug/kg
50-29-3	4,4-DDT	19.5		0.24	2.00	ug/kg
72-43-5	Methoxychlor	22.0		0.29	2.00	ug/kg
53494-70-5	Endrin ketone	17.6		0.33	2.00	ug/kg
7421-93-4	Endrin aldehyde	19.8		0.33	2.00	ug/kg
5103-71-9	alpha-Chlordane	17.8		0.24	2.00	ug/kg
5103-74-2	gamma-Chlordane	18.6		0.24	2.00	ug/kg
8001-35-2	Toxaphene	7.60	U	7.60	37.9	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.8		30 (12) - 150 (143)	89%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.1		30 (10) - 150 (159)	90%	SPK: 20

Raw Data: **PL086489.D**

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	RMJ Environomics, Inc.	Date Collected:	11/03/23
Project:	245 Greenwood Ave	Date Received:	11/03/23
Client Sample ID:	WC-1MS	SDG No.:	O5252
Lab Sample ID:	O5256-01MS	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	87 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
PL086489.D	1	11/06/23 09:10	11/06/23 19:57	PB156920

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

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

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

Sample Results: **PL086489.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110623\
Data File : PL086489.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2023 19:57
Operator : AR\AJ
Sample : 05256-01MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
WC-1MS

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 11/07/2023
Supervised By :Ankita Jodhani 11/07/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 20:47:53 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 05:32:51 2023
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...	3.353	2.619	50069536	17217110	15.777	18.085
28)	SA Decachlor...	8.853	7.768	42952667	20396205	16.240	17.782
	Target Compounds						
2)	A alpha-BHC	3.807	3.117	215.5E6	63106563	45.659	48.628
3)	MA gamma-BHC...	4.139	3.444	217.6E6	65084155	47.746	49.548
4)	MA Heptachlor	4.725	3.780	204.3E6	63803322	46.872	49.182
5)	MB Aldrin	5.065	4.056	203.7E6	67354179	45.993	52.854
6)	B beta-BHC	4.342	3.746	96854636	27600252	49.106	48.090
7)	B delta-BHC	4.585	3.971	202.4E6	61012527	46.386	48.268
8)	B Heptachlo...	5.495	4.561	169.1E6	56802476	43.730	47.512
9)	A Endosulfan I	5.878	4.928	157.3E6	47537249	42.797m	40.054m
10)	B gamma-Chl...	5.752	4.812	192.5E6	57252378	48.508	48.380
11)	B alpha-Chl...	5.831	4.876	184.6E6	57863348	46.379	46.320
12)	B 4,4'-DDE	6.015	5.075	147.1E6	52237815	46.359	52.934
13)	MA Dieldrin	6.155	5.193	174.4E6	66066686	45.358	55.324m
14)	MA Endrin	6.384	5.468	140.7E6	52766782	42.148	47.886
15)	B Endosulfa...	6.607	5.766	141.5E6	52799560	43.937	48.984
16)	A 4,4'-DDD	6.535	5.631	124.2E6	43130737	52.385	52.955
17)	MA 4,4'-DDT	6.849	5.882	129.8E6	48044477	49.758	50.962
18)	B Endrin al...	6.738	5.947	112.9E6	43619293	46.370	51.725
19)	B Endosulfa...	6.974	6.172	133.5E6	50479187	43.240	47.880
20)	A Methoxychlor	7.335	6.467	73954004	33645552	53.319	57.579
21)	B Endrin ke...	7.456	6.672	146.5E6	57316711	45.898	45.957m
22)	Mirex	7.929	6.850	129.6E6	54222893	47.503	47.395

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

Sample Results: **PL086489.D**

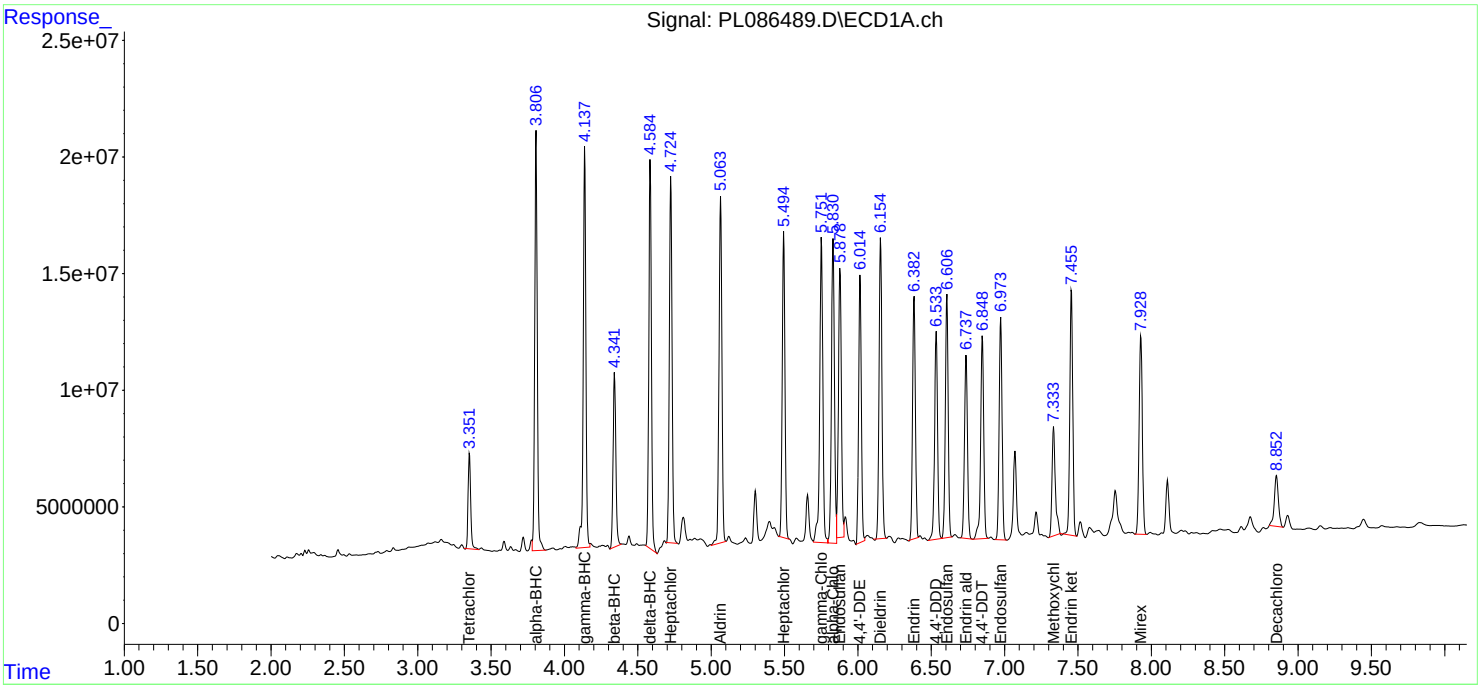
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110623\
Data File : PL086489.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2023 19:57
Operator : AR\AJ
Sample : 05256-01MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

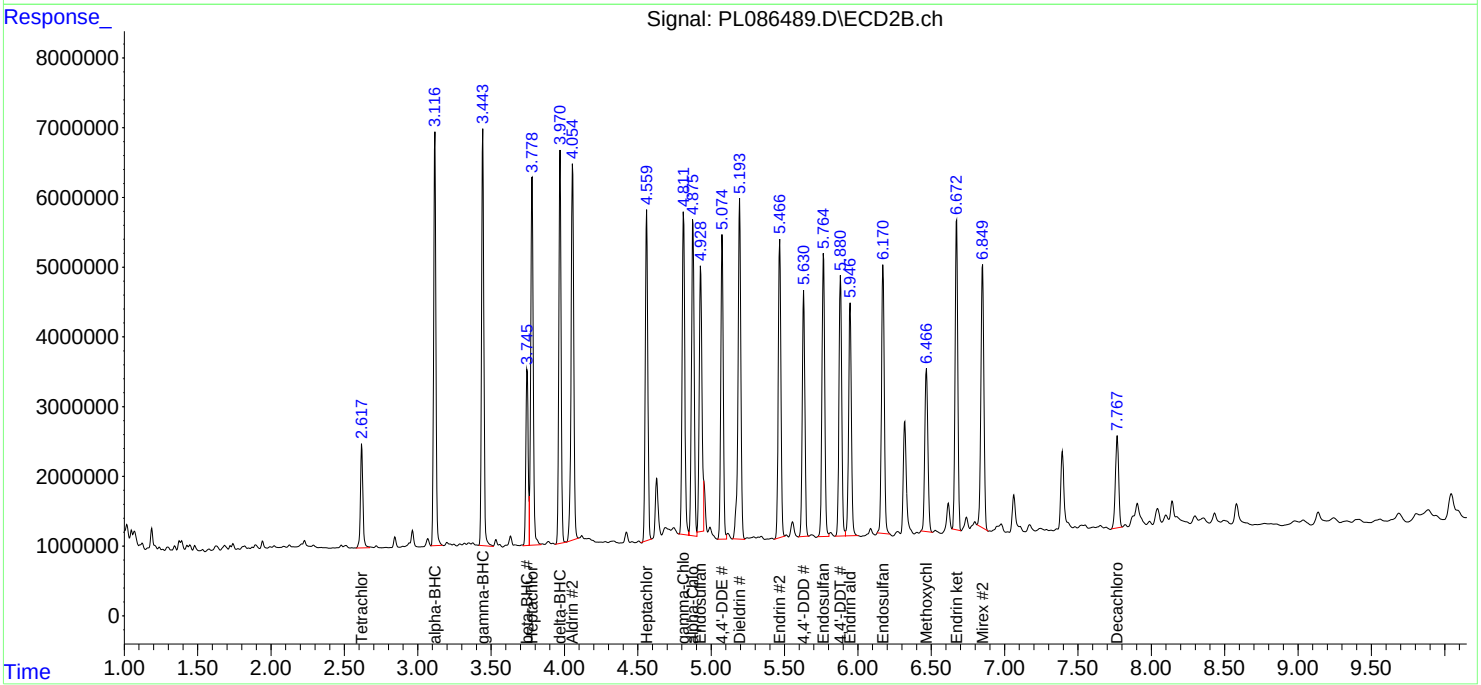
Instrument :
ECD_L
ClientSampleId :
WC-1MS

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 11/07/2023
Supervised By :Ankita Jodhani 11/07/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 20:47:53 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 05:32:51 2023
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





Raw Data: **PL086490.D**

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	RMJ Environomics, Inc.	Date Collected:	11/03/23
Project:	245 Greenwood Ave	Date Received:	11/03/23
Client Sample ID:	WC-1MSD	SDG No.:	O5252
Lab Sample ID:	O5256-01MSD	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	87 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
PL086490.D	1	11/06/23 09:10	11/06/23 20:11	PB156920

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	18.8		0.28	2.00	ug/kg
319-85-7	beta-BHC	18.6		0.60	2.00	ug/kg
319-86-8	delta-BHC	18.6		0.47	2.00	ug/kg
58-89-9	gamma-BHC (Lindane)	19.1		0.25	2.00	ug/kg
76-44-8	Heptachlor	19.0		0.26	2.00	ug/kg
309-00-2	Aldrin	20.4		0.23	2.00	ug/kg
1024-57-3	Heptachlor epoxide	18.3		0.33	2.00	ug/kg
959-98-8	Endosulfan I	16.7		0.22	2.00	ug/kg
60-57-1	Dieldrin	21.3		0.21	2.00	ug/kg
72-55-9	4,4-DDE	20.4		0.21	2.00	ug/kg
72-20-8	Endrin	18.4		0.20	2.00	ug/kg
33213-65-9	Endosulfan II	18.9		0.25	2.00	ug/kg
72-54-8	4,4-DDD	20.4		0.24	2.00	ug/kg
1031-07-8	Endosulfan Sulfate	18.4		0.21	2.00	ug/kg
50-29-3	4,4-DDT	19.6		0.24	2.00	ug/kg
72-43-5	Methoxychlor	22.2		0.29	2.00	ug/kg
53494-70-5	Endrin ketone	17.5		0.33	2.00	ug/kg
7421-93-4	Endrin aldehyde	20.0		0.33	2.00	ug/kg
5103-71-9	alpha-Chlordane	17.8		0.24	2.00	ug/kg
5103-74-2	gamma-Chlordane	18.6		0.24	2.00	ug/kg
8001-35-2	Toxaphene	7.60	U	7.60	37.9	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.8		30 (12) - 150 (143)	89%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.2		30 (10) - 150 (159)	91%	SPK: 20

Raw Data: **PL086490.D**

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	RMJ Environomics, Inc.	Date Collected:	11/03/23
Project:	245 Greenwood Ave	Date Received:	11/03/23
Client Sample ID:	WC-1MSD	SDG No.:	O5252
Lab Sample ID:	O5256-01MSD	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	87 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
PL086490.D	1	11/06/23 09:10	11/06/23 20:11	PB156920

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

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

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

Sample Results: **PL086490.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110623\
Data File : PL086490.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2023 20:11
Operator : AR\AJ
Sample : 05256-01MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
WC-1MSD

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 11/07/2023
Supervised By :Ankita Jodhani 11/07/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 04:32:37 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 05:32:51 2023
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...	3.352	2.619	52073448	17293465	16.409	18.166
28)	SA Decachlor...	8.854	7.768	42062358	20361162	15.904	17.751
	Target Compounds						
2)	A alpha-BHC	3.806	3.117	223.9E6	63694270	47.425	49.081
3)	MA gamma-BHC...	4.138	3.444	221.6E6	65486926	48.634	49.854
4)	MA Heptachlor	4.725	3.780	201.5E6	64387921	46.232	49.633
5)	MB Aldrin	5.065	4.056	204.8E6	67812663	46.247	53.214
6)	B beta-BHC	4.341	3.746	88924803	27861093	45.085	48.545
7)	B delta-BHC	4.585	3.971	199.9E6	61620659	45.816	48.749
8)	B Heptachlo...	5.495	4.560	170.1E6	57199151	43.976	47.844
9)	A Endosulfan I	5.877	4.927	160.8E6	48285291	43.737m	40.685m
10)	B gamma-Chl...	5.752	4.812	190.9E6	57506379	48.110	48.595
11)	B alpha-Chl...	5.832	4.876	185.7E6	58184052	46.660	46.577
12)	B 4,4'-DDE	6.016	5.075	145.8E6	52586149	45.949	53.287
13)	MA Dieldrin	6.156	5.193	170.5E6	66439442	44.343	55.636m#
14)	MA Endrin	6.385	5.468	141.8E6	53019273	42.479	48.115
15)	B Endosulfa...	6.608	5.766	141.2E6	53294328	43.829	49.443
16)	A 4,4'-DDD	6.535	5.631	124.2E6	43490831	52.362	53.397
17)	MA 4,4'-DDT	6.850	5.882	131.3E6	48373010	50.317	51.311
18)	B Endrin al...	6.738	5.947	113.8E6	44021251	46.734	52.201
19)	B Endosulfa...	6.975	6.171	134.0E6	50743439	43.405	48.131
20)	A Methoxychlor	7.336	6.468	75098475	33890034	54.144	57.998
21)	B Endrin ke...	7.457	6.673	146.1E6	57002969	45.772	45.705
22)	Mirex	7.929	6.850	133.6E6	54570079	48.969	47.699

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

Sample Results: **PL086490.D**

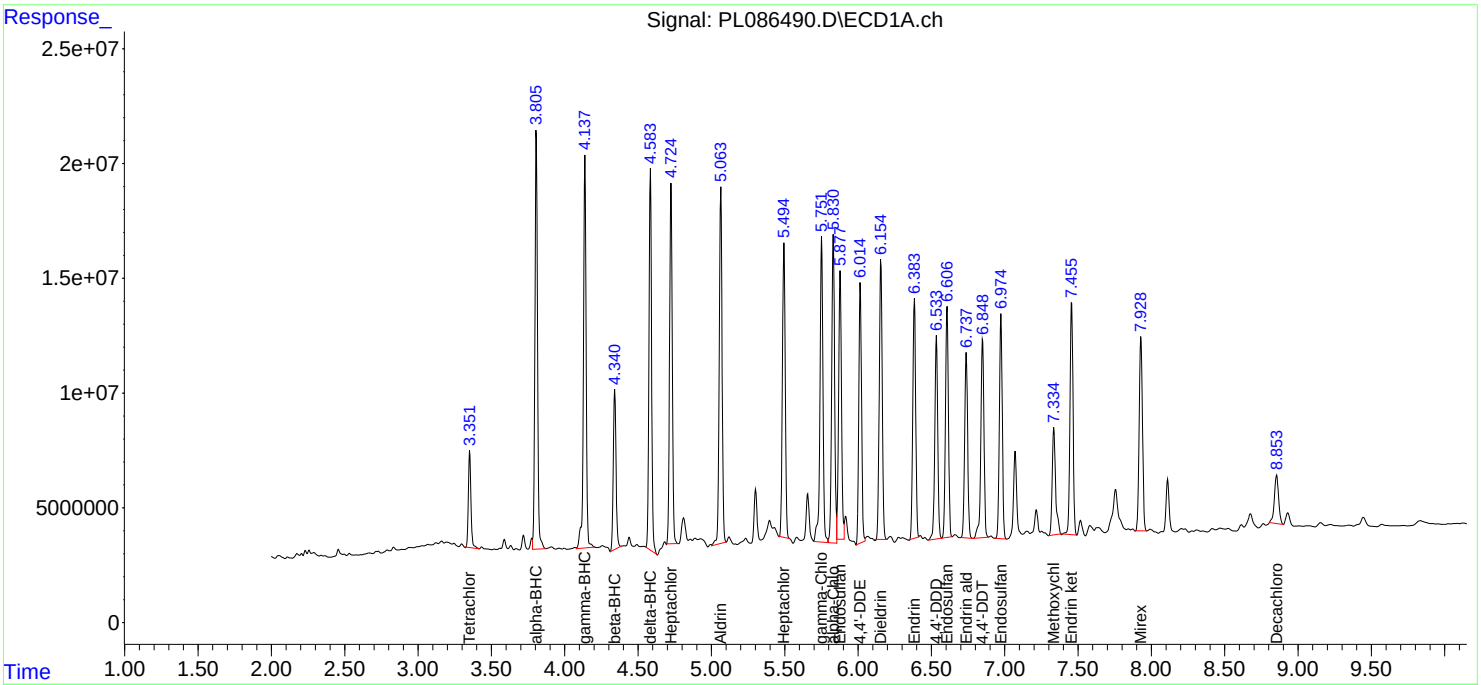
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110623\
Data File : PL086490.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2023 20:11
Operator : AR\AJ
Sample : 05256-01MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

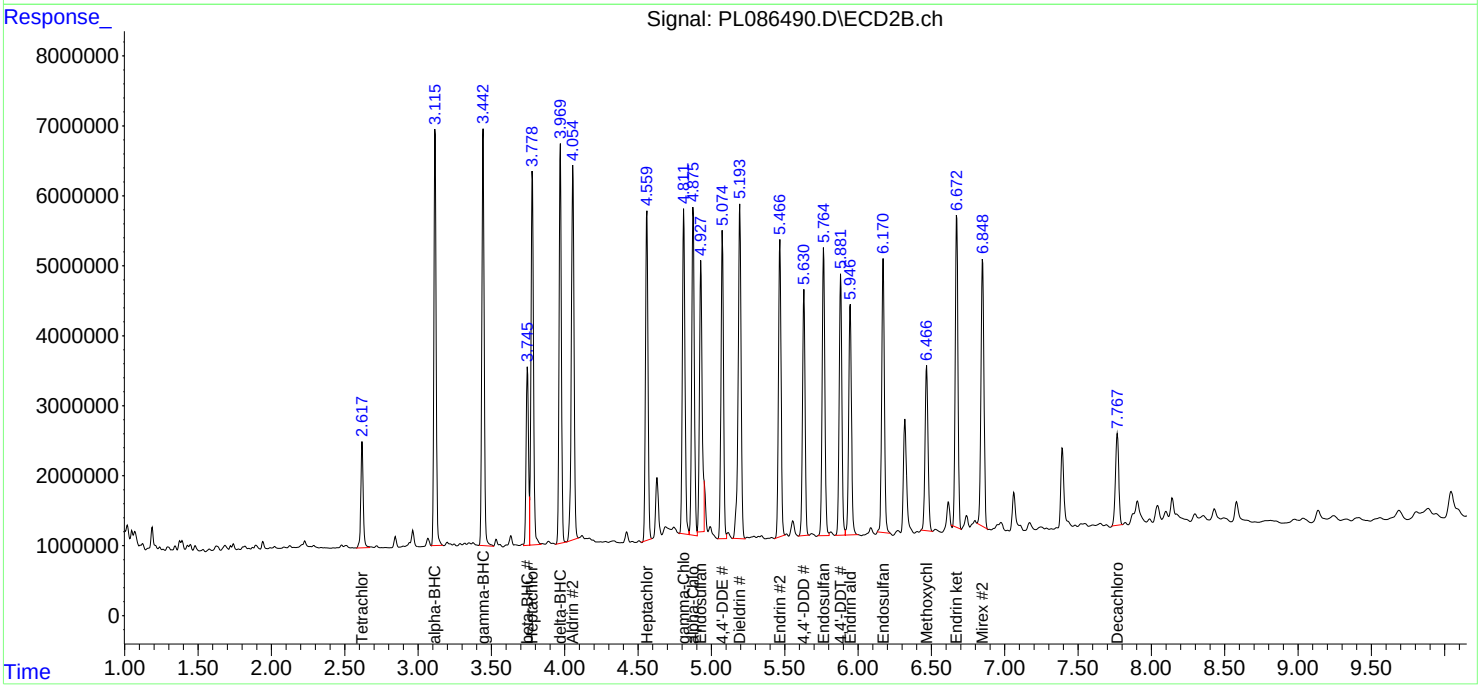
Instrument :
ECD_L
ClientSampleId :
WC-1MSD

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 11/07/2023
Supervised By :Ankita Jodhani 11/07/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 04:32:37 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 05:32:51 2023
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





CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Manual Integration Report

Sequence:	pl110123	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PL086341.D	Methoxychlor	Abdul	11/2/2023 10:43:07 AM	mohammad	11/2/2023 5:01:53	Peak Integrated by Software
PSTDICC005	PL086347.D	delta-BHC	Abdul	11/2/2023 10:42:26 AM	mohammad	11/2/2023 5:01:56	Peak Integrated by Software
PSTDICC005	PL086347.D	Endosulfan I #2	Abdul	11/2/2023 10:42:26 AM	mohammad	11/2/2023 5:01:56	Peak Integrated by Software
PSTDICC005	PL086347.D	Heptachlor epoxide	Abdul	11/2/2023 10:42:26 AM	mohammad	11/2/2023 5:01:56	Peak Integrated by Software
PEM	PL086362.D	4,4"-DDE #2	Abdul	11/2/2023 10:42:29 AM	mohammad	11/2/2023 5:02:00	Peak Integrated by Software
PEM	PL086362.D	Endrin ketone	Abdul	11/2/2023 10:42:29 AM	mohammad	11/2/2023 5:02:00	Peak Integrated by Software

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Manual Integration Report

Sequence:	PL110623	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PL086461.D	4,4"-DDD	Abdul	11/7/2023 11:48:59 AM	Ankita	11/7/2023 12:11:30	Peak Integrated by Software
PEM	PL086461.D	4,4"-DDD #2	Abdul	11/7/2023 11:48:59 AM	Ankita	11/7/2023 12:11:30	Peak Integrated by Software
PEM	PL086461.D	4,4"-DDE	Abdul	11/7/2023 11:48:59 AM	Ankita	11/7/2023 12:11:30	Peak Integrated by Software
PEM	PL086461.D	4,4"-DDE #2	Abdul	11/7/2023 11:48:59 AM	Ankita	11/7/2023 12:11:30	Peak Integrated by Software
PEM	PL086461.D	beta-BHC #2	Abdul	11/7/2023 11:48:59 AM	Ankita	11/7/2023 12:11:30	Peak Integrated by Software
PEM	PL086461.D	Endrin ketone	Abdul	11/7/2023 11:48:59 AM	Ankita	11/7/2023 12:11:30	Peak Integrated by Software
PSTDCCC050	PL086462.D	4,4"-DDD	Abdul	11/7/2023 11:49:04 AM	Ankita	11/7/2023 12:11:35	Peak Integrated by Software
O5252-01	PL086481.D	4,4"-DDE #2	Abdul	11/7/2023 11:49:35 AM	Ankita	11/7/2023 12:11:54	Peak Integrated by Software
O5252-01	PL086481.D	4,4"-DDT #2	Abdul	11/7/2023 11:49:35 AM	Ankita	11/7/2023 12:11:54	Peak Integrated by Software
O5252-01	PL086481.D	alpha-Chlordane	Abdul	11/7/2023 11:49:35 AM	Ankita	11/7/2023 12:11:54	Peak Integrated by Software
O5252-01	PL086481.D	alpha-Chlordane #2	Abdul	11/7/2023 11:49:35 AM	Ankita	11/7/2023 12:11:54	Peak Integrated by Software
O5252-01	PL086481.D	gamma-Chlordane #2	Abdul	11/7/2023 11:49:35 AM	Ankita	11/7/2023 12:11:54	Peak Integrated by Software
O5256-01MS	PL086489.D	Dieldrin #2	Abdul	11/7/2023 11:49:49 AM	Ankita	11/7/2023 12:12:03	Peak Integrated by Software

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Manual Integration Report

Sequence:	PL110623	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
O5256-01MS	PL086489.D	Endosulfan I	Abdul	11/7/2023 11:49:49 AM	Ankita	11/7/2023 12:12:03	Peak Integrated by Software
O5256-01MS	PL086489.D	Endosulfan I #2	Abdul	11/7/2023 11:49:49 AM	Ankita	11/7/2023 12:12:03	Peak Integrated by Software
O5256-01MS	PL086489.D	Endrin ketone #2	Abdul	11/7/2023 11:49:49 AM	Ankita	11/7/2023 12:12:03	Peak Integrated by Software
O5256-01MSD	PL086490.D	Dieldrin #2	Abdul	11/7/2023 11:49:53 AM	Ankita	11/7/2023 12:12:05	Peak Integrated by Software
O5256-01MSD	PL086490.D	Endosulfan I	Abdul	11/7/2023 11:49:53 AM	Ankita	11/7/2023 12:12:05	Peak Integrated by Software
O5256-01MSD	PL086490.D	Endosulfan I #2	Abdul	11/7/2023 11:49:53 AM	Ankita	11/7/2023 12:12:05	Peak Integrated by Software
PEM	PL086494.D	4,4"-DDE #2	Abdul	11/7/2023 11:50:04 AM	Ankita	11/7/2023 12:12:13	Peak Integrated by Software
PEM	PL086494.D	beta-BHC #2	Abdul	11/7/2023 11:50:04 AM	Ankita	11/7/2023 12:12:13	Peak Integrated by Software
PEM	PL086494.D	Endrin ketone #2	Abdul	11/7/2023 11:50:04 AM	Ankita	11/7/2023 12:12:13	Peak Integrated by Software
PEM	PL086494.D	gamma-BHC (Lindane) #2	Abdul	11/7/2023 11:50:04 AM	Ankita	11/7/2023 12:12:13	Peak Integrated by Software

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL110123

Review By	Abdul	Review On	11/2/2023 10:43:47 AM		
Supervise By	mohammad	Supervise On	11/2/2023 5:02:31 PM		
SubDirectory	PL110123	HP Acquire Method		HP Processing Method	pl110123 8081

STD. NAME	STD REF.#
Tune/Reschk	PP22265,PP22520
Initial Calibration Stds	PP22276,PP22278,PP22279,PP22283,PP22284,PP22285,PP22286,PP22287,PP22288,PP22289,PP22290,PP22292,PP22293,PP22294,PP22295,PP22296,PP22297,PP22299
CCC	PP22279,PP22288,PP22295
Internal Standard/PEM	
ICV/I.BLK	PP22285,PP22292,PP22299
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PL086339.D	01 Nov 2023 07:54	AR\AJ	Ok
2	I.BLK	PL086340.D	01 Nov 2023 08:08	AR\AJ	Ok
3	PEM	PL086341.D	01 Nov 2023 08:22	AR\AJ	Ok,M
4	RESCHK	PL086342.D	01 Nov 2023 08:36	AR\AJ	Ok
5	PSTDICC100	PL086343.D	01 Nov 2023 08:49	AR\AJ	Ok
6	PSTDICC075	PL086344.D	01 Nov 2023 09:03	AR\AJ	Ok
7	PSTDICC050	PL086345.D	01 Nov 2023 09:17	AR\AJ	Ok
8	PSTDICC025	PL086346.D	01 Nov 2023 09:31	AR\AJ	Ok
9	PSTDICC005	PL086347.D	01 Nov 2023 09:45	AR\AJ	Ok,M
10	PCHLORICC1000	PL086348.D	01 Nov 2023 09:58	AR\AJ	Ok
11	PCHLORICC750	PL086349.D	01 Nov 2023 10:12	AR\AJ	Ok
12	PCHLORICC500	PL086350.D	01 Nov 2023 10:26	AR\AJ	Ok
13	PCHLORICC250	PL086351.D	01 Nov 2023 10:40	AR\AJ	Ok
14	PCHLORICC050	PL086352.D	01 Nov 2023 10:54	AR\AJ	Ok
15	PTOXICC1000	PL086353.D	01 Nov 2023 11:07	AR\AJ	Ok
16	PTOXICC750	PL086354.D	01 Nov 2023 11:21	AR\AJ	Ok
17	PTOXICC500	PL086355.D	01 Nov 2023 11:35	AR\AJ	Ok
18	PTOXICC250	PL086356.D	01 Nov 2023 11:49	AR\AJ	Ok
19	PTOXICC100	PL086357.D	01 Nov 2023 12:03	AR\AJ	Ok
20	PSTDICV050	PL086358.D	01 Nov 2023 12:16	AR\AJ	Ok
21	PCHLORICV500	PL086359.D	01 Nov 2023 12:30	AR\AJ	Ok
22	PTOXICV500	PL086360.D	01 Nov 2023 12:44	AR\AJ	Ok
23	I.BLK	PL086361.D	01 Nov 2023 12:58	AR\AJ	Ok

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL110123

Review By	Abdul	Review On	11/2/2023 10:43:47 AM		
Supervise By	mohammad	Supervise On	11/2/2023 5:02:31 PM		
SubDirectory	PL110123	HP Acquire Method		HP Processing Method	pl110123 8081

STD. NAME	STD REF.#
Tune/Reschk	PP22265,PP22520
Initial Calibration Stds	PP22276,PP22278,PP22279,PP22283,PP22284,PP22285,PP22286,PP22287,PP22288,PP22289,PP22290,PP22292,PP22293,PP22294,PP22295,PP22296,PP22297,PP22299
CCC	PP22279,PP22288,PP22295
Internal Standard/PEM	
ICV/I.BLK	PP22285,PP22292,PP22299
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

24	PEM	PL086362.D	01 Nov 2023 13:12	AR\AJ	Ok,M
25	PSTDCCC050	PL086363.D	01 Nov 2023 13:25	AR\AJ	Ok
26	PB156793BL	PL086364.D	01 Nov 2023 14:36	AR\AJ	Ok
27	O5164-01	PL086365.D	01 Nov 2023 14:50	AR\AJ	Dilution
28	O5164-01DL	PL086366.D	01 Nov 2023 15:04	AR\AJ	Ok,M
29	PB156732BL	PL086367.D	01 Nov 2023 15:17	AR\AJ	Ok
30	O5040-03	PL086368.D	01 Nov 2023 15:31	AR\AJ	ReRun
31	O5040-03RE	PL086369.D	01 Nov 2023 15:45	AR\AJ	Confirms
32	O5164-01MS	PL086370.D	01 Nov 2023 15:59	AR\AJ	Ok,M
33	O5164-01MSD	PL086371.D	01 Nov 2023 16:12	AR\AJ	Ok,M
34	I.BLK	PL086372.D	01 Nov 2023 16:26	AR\AJ	Ok
35	PSTDCCC050	PL086373.D	01 Nov 2023 16:40	AR\AJ	Ok
36	PB156823BL	PL086374.D	01 Nov 2023 16:54	AR\AJ	Ok
37	PB156823BS	PL086375.D	01 Nov 2023 17:08	AR\AJ	Ok
38	O5170-01	PL086376.D	01 Nov 2023 17:21	AR\AJ	Ok
39	O5171-01	PL086377.D	01 Nov 2023 17:35	AR\AJ	Ok
40	O5172-01	PL086378.D	01 Nov 2023 17:49	AR\AJ	Ok,M
41	O5197-01	PL086379.D	01 Nov 2023 18:03	AR\AJ	Ok,M
42	O5197-01MS	PL086380.D	01 Nov 2023 18:17	AR\AJ	Ok
43	O5197-01MSD	PL086381.D	01 Nov 2023 18:30	AR\AJ	Ok
44	I.BLK	PL086382.D	01 Nov 2023 18:44	AR\AJ	Ok
45	PSTDCCC050	PL086383.D	01 Nov 2023 18:58	AR\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL110623

Review By	Abdul	Review On	11/7/2023 11:54:07 AM		
Supervise By	Ankita	Supervise On	11/7/2023 12:12:36 PM		
SubDirectory	PL110623	HP Acquire Method		HP Processing Method	pl110123 8081

STD. NAME	STD REF.#
Tune/Reschk	PP22265,PP22520
Initial Calibration Stds	PP22276,PP22278,PP22279,PP22283,PP22284,PP22285,PP22286,PP22287,PP22288,PP22289,PP22290,PP22292,PP22293,PP22294,PP22295,PP22296,PP22297,PP22299
CCC	PP22279,PP22288,PP22295
Internal Standard/PEM	
ICV/I.BLK	PP22285,PP22292,PP22299
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PL086459.D	06 Nov 2023 09:30	AR\AJ	Ok
2	I.BLK	PL086460.D	06 Nov 2023 09:43	AR\AJ	Ok
3	PEM	PL086461.D	06 Nov 2023 09:57	AR\AJ	Ok,M
4	PSTDCCC050	PL086462.D	06 Nov 2023 10:30	AR\AJ	Ok,M
5	O5228-01	PL086463.D	06 Nov 2023 11:32	AR\AJ	Ok
6	PB156873BL	PL086464.D	06 Nov 2023 11:46	AR\AJ	Ok
7	PB156873BS	PL086465.D	06 Nov 2023 12:00	AR\AJ	Ok
8	O5214-02	PL086466.D	06 Nov 2023 12:20	AR\AJ	Dilution
9	O5214-02DL	PL086467.D	06 Nov 2023 12:34	AR\AJ	Ok,M
10	O5047-20	PL086468.D	06 Nov 2023 12:52	AR\AJ	Dilution
11	O5047-20DL	PL086469.D	06 Nov 2023 14:34	AR\AJ	Dilution
12	O5047-20DL2	PL086470.D	06 Nov 2023 14:54	AR\AJ	Ok,M
13	O5229-01	PL086471.D	06 Nov 2023 15:18	AR\AJ	Ok
14	O5234-01	PL086472.D	06 Nov 2023 15:32	AR\AJ	Ok
15	I.BLK	PL086473.D	06 Nov 2023 15:45	AR\AJ	Ok
16	PSTDCCC050	PL086474.D	06 Nov 2023 15:59	AR\AJ	Ok
17	O5234-03	PL086475.D	06 Nov 2023 16:13	AR\AJ	Ok
18	O5234-03MS	PL086476.D	06 Nov 2023 16:27	AR\AJ	Ok,M
19	O5234-03MSD	PL086477.D	06 Nov 2023 16:41	AR\AJ	Ok,M
20	O5237-01	PL086478.D	06 Nov 2023 16:54	AR\AJ	Ok
21	PB156920BL	PL086479.D	06 Nov 2023 17:11	AR\AJ	Ok
22	PB156920BS	PL086480.D	06 Nov 2023 17:24	AR\AJ	Ok
23	O5252-01	PL086481.D	06 Nov 2023 17:38	AR\AJ	Ok,M

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL110623

Review By	Abdul	Review On	11/7/2023 11:54:07 AM		
Supervise By	Ankita	Supervise On	11/7/2023 12:12:36 PM		
SubDirectory	PL110623	HP Acquire Method		HP Processing Method	pl110123 8081

STD. NAME	STD REF.#
Tune/Reschk	PP22265,PP22520
Initial Calibration Stds	PP22276,PP22278,PP22279,PP22283,PP22284,PP22285,PP22286,PP22287,PP22288,PP22289,PP22290,PP22292,PP22293,PP22294,PP22295,PP22296,PP22297,PP22299
CCC	PP22279,PP22288,PP22295
Internal Standard/PEM	
ICV/I.BLK	PP22285,PP22292,PP22299
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

24	O5253-01	PL086482.D	06 Nov 2023 17:52	AR\AJ	Ok,M
25	O5253-02	PL086483.D	06 Nov 2023 18:06	AR\AJ	Ok,M
26	I.BLK	PL086484.D	06 Nov 2023 18:35	AR\AJ	Ok
27	PSTDCCC050	PL086485.D	06 Nov 2023 18:49	AR\AJ	Ok
28	O5253-03	PL086486.D	06 Nov 2023 19:16	AR\AJ	Ok
29	O5253-04	PL086487.D	06 Nov 2023 19:30	AR\AJ	Ok
30	O5256-01	PL086488.D	06 Nov 2023 19:44	AR\AJ	Ok,M
31	O5256-01MS	PL086489.D	06 Nov 2023 19:57	AR\AJ	Ok,M
32	O5256-01MSD	PL086490.D	06 Nov 2023 20:11	AR\AJ	Ok,M
33	O5256-05	PL086491.D	06 Nov 2023 20:25	AR\AJ	Ok,M
34	O5256-09	PL086492.D	06 Nov 2023 20:39	AR\AJ	Ok,M
35	I.BLK	PL086493.D	06 Nov 2023 20:53	AR\AJ	Ok
36	PEM	PL086494.D	06 Nov 2023 21:06	AR\AJ	Ok,M
37	PSTDCCC050	PL086495.D	06 Nov 2023 21:20	AR\AJ	Ok
38	O5257-01	PL086496.D	06 Nov 2023 21:48	AR\AJ	Ok,M
39	O5257-05	PL086497.D	06 Nov 2023 22:01	AR\AJ	Ok,M
40	O5257-09	PL086498.D	06 Nov 2023 22:15	AR\AJ	Ok
41	PB156896BL	PL086499.D	06 Nov 2023 22:29	AR\AJ	Ok
42	PB156896BS	PL086500.D	06 Nov 2023 22:43	AR\AJ	Ok
43	PB156896BSD	PL086501.D	06 Nov 2023 22:57	AR\AJ	Ok
44	O5095-01	PL086502.D	06 Nov 2023 23:10	AR\AJ	Ok,M
45	I.BLK	PL086503.D	06 Nov 2023 23:24	AR\AJ	Ok
46	PSTDCCC050	PL086504.D	06 Nov 2023 23:38	AR\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL110123

Review By	Abdul	Review On	11/2/2023 10:43:47 AM		
Supervise By	mohammad	Supervise On	11/2/2023 5:02:31 PM		
SubDirectory	PL110123	HP Acquire Method		HP Processing Method	pl110123 8081

STD. NAME	STD REF.#
Tune/Reschk	PP22265,PP22520
Initial Calibration Stds	PP22276,PP22278,PP22279,PP22283,PP22284,PP22285,PP22286,PP22287,PP22288,PP22289,PP22290,PP22292,PP22293,PP22294,PP22295,PP22296,PP22297,PP22299
CCC	PP22279,PP22288,PP22295
Internal Standard/PEM	
ICV/I.BLK	PP22285,PP22292,PP22299
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PL086339.D	01 Nov 2023 07:54		AR\AJ	Ok
2	I.BLK	I.BLK	PL086340.D	01 Nov 2023 08:08		AR\AJ	Ok
3	PEM	PEM	PL086341.D	01 Nov 2023 08:22		AR\AJ	Ok,M
4	RESCHK	RESCHK	PL086342.D	01 Nov 2023 08:36		AR\AJ	Ok
5	PSTDICC100	PSTDICC100	PL086343.D	01 Nov 2023 08:49		AR\AJ	Ok
6	PSTDICC075	PSTDICC075	PL086344.D	01 Nov 2023 09:03		AR\AJ	Ok
7	PSTDICC050	PSTDICC050	PL086345.D	01 Nov 2023 09:17		AR\AJ	Ok
8	PSTDICC025	PSTDICC025	PL086346.D	01 Nov 2023 09:31		AR\AJ	Ok
9	PSTDICC005	PSTDICC005	PL086347.D	01 Nov 2023 09:45		AR\AJ	Ok,M
10	PCHLORICC1000	PCHLORICC1000	PL086348.D	01 Nov 2023 09:58		AR\AJ	Ok
11	PCHLORICC750	PCHLORICC750	PL086349.D	01 Nov 2023 10:12		AR\AJ	Ok
12	PCHLORICC500	PCHLORICC500	PL086350.D	01 Nov 2023 10:26		AR\AJ	Ok
13	PCHLORICC250	PCHLORICC250	PL086351.D	01 Nov 2023 10:40		AR\AJ	Ok
14	PCHLORICC050	PCHLORICC050	PL086352.D	01 Nov 2023 10:54		AR\AJ	Ok
15	PTOXICC1000	PTOXICC1000	PL086353.D	01 Nov 2023 11:07		AR\AJ	Ok
16	PTOXICC750	PTOXICC750	PL086354.D	01 Nov 2023 11:21		AR\AJ	Ok
17	PTOXICC500	PTOXICC500	PL086355.D	01 Nov 2023 11:35		AR\AJ	Ok
18	PTOXICC250	PTOXICC250	PL086356.D	01 Nov 2023 11:49		AR\AJ	Ok
19	PTOXICC100	PTOXICC100	PL086357.D	01 Nov 2023 12:03		AR\AJ	Ok

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL110123

Review By	Abdul	Review On	11/2/2023 10:43:47 AM		
Supervise By	mohammad	Supervise On	11/2/2023 5:02:31 PM		
SubDirectory	PL110123	HP Acquire Method		HP Processing Method	pl110123 8081

STD. NAME	STD REF.#
Tune/Reschk	PP22265,PP22520
Initial Calibration Stds	PP22276,PP22278,PP22279,PP22283,PP22284,PP22285,PP22286,PP22287,PP22288,PP22289,PP22290,PP22292,PP22293,PP22294,PP22295,PP22296,PP22297,PP22299
CCC	PP22279,PP22288,PP22295
Internal Standard/PEM	
ICV/I.BLK	PP22285,PP22292,PP22299
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

20	PSTDICV050	ICVPL110123	PL086358.D	01 Nov 2023 12:16		AR\AJ	Ok
21	PCHLORICV500	ICVPL110123	PL086359.D	01 Nov 2023 12:30		AR\AJ	Ok
22	PTOXICV500	ICVPL110123	PL086360.D	01 Nov 2023 12:44		AR\AJ	Ok
23	I.BLK	I.BLK	PL086361.D	01 Nov 2023 12:58		AR\AJ	Ok
24	PEM	PEM	PL086362.D	01 Nov 2023 13:12		AR\AJ	Ok,M
25	PSTDCCC050	PSTDCCC050	PL086363.D	01 Nov 2023 13:25		AR\AJ	Ok
26	PB156793BL	PB156793BL	PL086364.D	01 Nov 2023 14:36		AR\AJ	Ok
27	O5164-01	ETGI-352	PL086365.D	01 Nov 2023 14:50	Need 5x	AR\AJ	Dilution
28	O5164-01DL	ETGI-352DL	PL086366.D	01 Nov 2023 15:04		AR\AJ	Ok,M
29	PB156732BL	PB156732BL	PL086367.D	01 Nov 2023 15:17		AR\AJ	Ok
30	O5040-03	EB-2	PL086368.D	01 Nov 2023 15:31	DCB low in both column	AR\AJ	ReRun
31	O5040-03RE	EB-2RE	PL086369.D	01 Nov 2023 15:45	DCB low in both column	AR\AJ	Confirms
32	O5164-01MS	ETGI-352MS	PL086370.D	01 Nov 2023 15:59	Comp 5,9,10,15 having high reecovery	AR\AJ	Ok,M
33	O5164-01MSD	ETGI-352MSD	PL086371.D	01 Nov 2023 16:12	Comp 5,9,10,15 having high reecovery	AR\AJ	Ok,M
34	I.BLK	I.BLK	PL086372.D	01 Nov 2023 16:26		AR\AJ	Ok
35	PSTDCCC050	PSTDCCC050	PL086373.D	01 Nov 2023 16:40		AR\AJ	Ok
36	PB156823BL	PB156823BL	PL086374.D	01 Nov 2023 16:54		AR\AJ	Ok
37	PB156823BS	PB156823BS	PL086375.D	01 Nov 2023 17:08		AR\AJ	Ok
38	O5170-01	OK-02-103123	PL086376.D	01 Nov 2023 17:21		AR\AJ	Ok
39	O5171-01	TR-05-103123	PL086377.D	01 Nov 2023 17:35	Typo O5171-01	AR\AJ	Ok

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL110123

Review By	Abdul	Review On	11/2/2023 10:43:47 AM		
Supervise By	mohammad	Supervise On	11/2/2023 5:02:31 PM		
SubDirectory	PL110123	HP Acquire Method		HP Processing Method	pl110123 8081

STD. NAME	STD REF.#
Tune/Reschk	PP22265,PP22520
Initial Calibration Stds	PP22276,PP22278,PP22279,PP22283,PP22284,PP22285,PP22286,PP22287,PP22288,PP22289,PP22290,PP22292,PP22293,PP22294,PP22295,PP22296,PP22297,PP22299
CCC	PP22279,PP22288,PP22295
Internal Standard/PEM	
ICV/I.BLK	PP22285,PP22292,PP22299
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

40	O5172-01	AU-05-103123	PL086378.D	01 Nov 2023 17:49		AR\AJ	Ok,M
41	O5197-01	SCF	PL086379.D	01 Nov 2023 18:03		AR\AJ	Ok,M
42	O5197-01MS	SCFMS	PL086380.D	01 Nov 2023 18:17		AR\AJ	Ok
43	O5197-01MSD	SCFMSD	PL086381.D	01 Nov 2023 18:30		AR\AJ	Ok
44	I.BLK	I.BLK	PL086382.D	01 Nov 2023 18:44		AR\AJ	Ok
45	PSTDCCC050	PSTDCCC050	PL086383.D	01 Nov 2023 18:58		AR\AJ	Ok

M : Manual Integration

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL110623

Review By	Abdul	Review On	11/7/2023 11:54:07 AM		
Supervise By	Ankita	Supervise On	11/7/2023 12:12:36 PM		
SubDirectory	PL110623	HP Acquire Method		HP Processing Method	pl110123 8081

STD. NAME	STD REF.#
Tune/Reschk	PP22265,PP22520
Initial Calibration Stds	PP22276,PP22278,PP22279,PP22283,PP22284,PP22285,PP22286,PP22287,PP22288,PP22289,PP22290,PP22292,PP22293,PP22294,PP22295,PP22296,PP22297,PP22299
CCC	PP22279,PP22288,PP22295
Internal Standard/PEM	
ICV/I.BLK	PP22285,PP22292,PP22299
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PL086459.D	06 Nov 2023 09:30		AR\AJ	Ok
2	I.BLK	I.BLK	PL086460.D	06 Nov 2023 09:43		AR\AJ	Ok
3	PEM	PEM	PL086461.D	06 Nov 2023 09:57		AR\AJ	Ok,M
4	PSTDCCC050	PSTDCCC050	PL086462.D	06 Nov 2023 10:30		AR\AJ	Ok,M
5	O5228-01	CHRT-26882	PL086463.D	06 Nov 2023 11:32		AR\AJ	Ok
6	PB156873BL	PB156873BL	PL086464.D	06 Nov 2023 11:46		AR\AJ	Ok
7	PB156873BS	PB156873BS	PL086465.D	06 Nov 2023 12:00		AR\AJ	Ok
8	O5214-02	VNJ-211	PL086466.D	06 Nov 2023 12:20	TCMX high in 2nd column & Need 100X	AR\AJ	Dilution
9	O5214-02DL	VNJ-211DL	PL086467.D	06 Nov 2023 12:34		AR\AJ	Ok,M
10	O5047-20	PT-PEST-SOIL	PL086468.D	06 Nov 2023 12:52	TCMX high in 1st column, need dilution	AR\AJ	Dilution
11	O5047-20DL	PT-PEST-SOILDL	PL086469.D	06 Nov 2023 14:34	need 12x	AR\AJ	Dilution
12	O5047-20DL2	PT-PEST-SOILDL2	PL086470.D	06 Nov 2023 14:54	pls compare dl comp # 6,7,9,10,15	AR\AJ	Ok,M
13	O5229-01	HR-1-110223	PL086471.D	06 Nov 2023 15:18		AR\AJ	Ok
14	O5234-01	SP-A	PL086472.D	06 Nov 2023 15:32		AR\AJ	Ok
15	I.BLK	I.BLK	PL086473.D	06 Nov 2023 15:45		AR\AJ	Ok
16	PSTDCCC050	PSTDCCC050	PL086474.D	06 Nov 2023 15:59		AR\AJ	Ok
17	O5234-03	SP-B	PL086475.D	06 Nov 2023 16:13		AR\AJ	Ok
18	O5234-03MS	SP-BMS	PL086476.D	06 Nov 2023 16:27		AR\AJ	Ok,M

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL110623

Review By	Abdul	Review On	11/7/2023 11:54:07 AM		
Supervise By	Ankita	Supervise On	11/7/2023 12:12:36 PM		
SubDirectory	PL110623	HP Acquire Method		HP Processing Method	pl110123 8081

STD. NAME	STD REF.#
Tune/Reschk	PP22265,PP22520
Initial Calibration Stds	PP22276,PP22278,PP22279,PP22283,PP22284,PP22285,PP22286,PP22287,PP22288,PP22289,PP22290,PP22292,PP22293,PP22294,PP22295,PP22296,PP22297,PP22299
CCC	PP22279,PP22288,PP22295
Internal Standard/PEM	
ICV/I.BLK	PP22285,PP22292,PP22299
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	O5234-03MSD	SP-BMSD	PL086477.D	06 Nov 2023 16:41		AR\AJ	Ok,M
20	O5237-01	11TH-ST-1	PL086478.D	06 Nov 2023 16:54		AR\AJ	Ok
21	PB156920BL	PB156920BL	PL086479.D	06 Nov 2023 17:11		AR\AJ	Ok
22	PB156920BS	PB156920BS	PL086480.D	06 Nov 2023 17:24		AR\AJ	Ok
23	O5252-01	WASTE	PL086481.D	06 Nov 2023 17:38		AR\AJ	Ok,M
24	O5253-01	L-1(65FT)(5-10)	PL086482.D	06 Nov 2023 17:52		AR\AJ	Ok,M
25	O5253-02	L-6(0-5)	PL086483.D	06 Nov 2023 18:06		AR\AJ	Ok,M
26	I.BLK	I.BLK	PL086484.D	06 Nov 2023 18:35		AR\AJ	Ok
27	PSTDCCC050	PSTDCCC050	PL086485.D	06 Nov 2023 18:49		AR\AJ	Ok
28	O5253-03	L-3(120FT)(0-5)	PL086486.D	06 Nov 2023 19:16		AR\AJ	Ok
29	O5253-04	L-3(195FT)(0-5)	PL086487.D	06 Nov 2023 19:30		AR\AJ	Ok
30	O5256-01	WC-1	PL086488.D	06 Nov 2023 19:44		AR\AJ	Ok,M
31	O5256-01MS	WC-1MS	PL086489.D	06 Nov 2023 19:57		AR\AJ	Ok,M
32	O5256-01MSD	WC-1MSD	PL086490.D	06 Nov 2023 20:11		AR\AJ	Ok,M
33	O5256-05	WC-11	PL086491.D	06 Nov 2023 20:25		AR\AJ	Ok,M
34	O5256-09	WC-10	PL086492.D	06 Nov 2023 20:39		AR\AJ	Ok,M
35	I.BLK	I.BLK	PL086493.D	06 Nov 2023 20:53		AR\AJ	Ok
36	PEM	PEM	PL086494.D	06 Nov 2023 21:06		AR\AJ	Ok,M
37	PSTDCCC050	PSTDCCC050	PL086495.D	06 Nov 2023 21:20		AR\AJ	Ok
38	O5257-01	WC-6	PL086496.D	06 Nov 2023 21:48		AR\AJ	Ok,M

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL110623

Review By	Abdul	Review On	11/7/2023 11:54:07 AM		
Supervise By	Ankita	Supervise On	11/7/2023 12:12:36 PM		
SubDirectory	PL110623	HP Acquire Method		HP Processing Method	pl110123 8081

STD. NAME	STD REF.#
Tune/Reschk	PP22265,PP22520
Initial Calibration Stds	PP22276,PP22278,PP22279,PP22283,PP22284,PP22285,PP22286,PP22287,PP22288,PP22289,PP22290,PP22292,PP22293,PP22294,PP22295,PP22296,PP22297,PP22299
CCC	PP22279,PP22288,PP22295
Internal Standard/PEM	
ICV/I.BLK	PP22285,PP22292,PP22299
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

39	O5257-05	WC-2	PL086497.D	06 Nov 2023 22:01		AR\AJ	Ok,M
40	O5257-09	WC-3	PL086498.D	06 Nov 2023 22:15		AR\AJ	Ok
41	PB156896BL	PB156896BL	PL086499.D	06 Nov 2023 22:29		AR\AJ	Ok
42	PB156896BS	PB156896BS	PL086500.D	06 Nov 2023 22:43		AR\AJ	Ok
43	PB156896BSD	PB156896BSD	PL086501.D	06 Nov 2023 22:57		AR\AJ	Ok
44	O5095-01	F07367	PL086502.D	06 Nov 2023 23:10	clean up performed	AR\AJ	Ok,M
45	I.BLK	I.BLK	PL086503.D	06 Nov 2023 23:24		AR\AJ	Ok
46	PSTDCCC050	PSTDCCC050	PL086504.D	06 Nov 2023 23:38		AR\AJ	Ok

M : Manual Integration

CHEMTECH

PERCENT SOLID

Supervisor: Iwona
Analyst: JIGNESH
Date: 11/7/2023

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 11/06/2023
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN-1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:15
Out Date: 11/07/2023
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: %SOLIDS-OVEN

QC: LB128195

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
O5102-02	67S-SB02-0815	89	1.15	8.58	9.73	7.6	75.2	
O5102-03	67S-SB02-2628	90	1.14	8.64	9.78	6.04	56.7	
O5102-04	67S-SB04-1419	91	1.16	8.74	9.9	7.15	68.5	
O5102-05	67S-SB07-1418	92	1.15	8.81	9.96	7.55	72.6	
O5102-06	67S-SB08-1619	93	1.15	8.81	9.96	9.00	89.1	
O5102-07	67S-SB09-1314.5	94	1.19	8.79	9.98	5.8	52.4	
O5102-08	67S-SB11-1218	95	1.12	8.46	9.58	8.11	82.6	
O5102-09	67S-SB11-1218-D	96	1.19	8.47	9.66	8.02	80.6	
O5102-10	67S-SB14-1216	97	1.11	8.76	9.87	8.07	79.5	
O5102-11	67S-SB16-1617	98	1.17	8.55	9.72	7.46	73.6	
O5102-13	67-IDW-01	99	1.13	8.52	9.65	8.02	80.9	
O5244-01	1A	1	1.14	8.63	9.77	7.54	74.2	
O5244-04	2A	2	1.18	8.48	9.66	8.15	82.2	
O5244-07	3A	3	1.16	8.50	9.66	8.22	83.1	
O5244-10	4A	4	1.19	8.78	9.97	8.58	84.2	
O5244-13	5A	5	1.11	8.47	9.58	8.47	86.9	
O5244-16	6A	6	1.19	8.71	9.9	6.99	66.6	
O5244-19	7A	7	1.19	8.79	9.98	7.01	66.2	
O5245-02	8A	8	1.16	8.48	9.64	6.25	60.0	
O5245-05	9A	9	1.19	8.55	9.74	7.21	70.4	
O5245-08	10A	10	1.13	8.67	9.8	7.04	68.2	
O5245-11	11A	11	1.16	8.68	9.84	7.72	75.6	
O5245-14	12A	12	1.15	8.83	9.98	8.19	79.7	
O5245-17	13A	13	1.14	8.68	9.82	8.6	85.9	
O5245-20	14A	14	1.19	8.79	9.98	8.86	87.3	
O5246-03	15A	15	1.18	8.64	9.82	8.47	84.4	
O5246-06	16A	16	1.13	8.84	9.97	9.00	89.0	
O5246-09	17A	17	1.16	8.80	9.96	8.81	86.9	

CHEMTECH

PERCENT SOLID

Supervisor: Iwona
Analyst: JIGNESH
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OVENTEMP IN Celsius(°C): 107
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OvenID: M OVEN-1

OVENTEMP OUT Celsius(°C): 103
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Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: %SOLIDS-OVEN

QC: LB128195

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
O5246-12	18A	18	1.13	8.75	9.88	8.64	85.8	
O5246-15	19A	19	1.18	8.50	9.68	8.56	86.8	
O5246-18	20B	20	1.18	8.78	9.96	7.48	71.8	
O5247-01	21B	21	1.18	8.46	9.64	8.2	83.0	
O5247-04	22B	22	1.18	8.79	9.97	8.7	85.6	
O5247-07	23B	23	1.15	8.80	9.95	8.51	83.6	
O5247-10	24B	24	1.18	8.41	9.59	8.37	85.5	
O5247-13	25B	25	1.14	8.65	9.79	8.84	89.0	
O5247-16	26A	26	1.17	8.57	9.74	8.42	84.6	
O5247-19	27A	27	1.19	8.59	9.78	7.36	71.8	
O5248-02	28A	28	1.19	8.80	9.99	7.44	71.0	
O5248-03	29A	29	1.12	8.71	9.83	8.21	81.4	
O5248-04	30A	30	1.19	8.58	9.77	7.99	79.3	
O5248-05	31A	31	1.15	8.53	9.68	7.61	75.7	
O5248-06	32A	32	1.19	8.73	9.92	7.88	76.6	
O5248-07	33A	33	1.18	8.80	9.98	7.29	69.4	
O5248-08	34A	34	1.19	8.60	9.79	8.26	82.2	
O5248-09	35A	35	1.16	8.58	9.74	7.74	76.7	
O5248-10	DUP-1	36	1.15	8.51	9.66	7.49	74.5	
O5248-13	DUP-4	37	1.16	8.81	9.97	7.83	75.7	
O5248-14	DUP-5	38	1.19	8.55	9.74	8.32	83.4	
O5248-16	DUP-7	39	1.19	8.51	9.7	7.1	69.4	
O5251-01	T-1	40	1.12	8.76	9.88	8.27	81.6	
O5251-02	T-2	41	1.19	8.50	9.69	8.42	85.1	
O5251-03	T-3	42	1.15	8.52	9.67	8.14	82.0	
O5251-04	T-4	43	1.19	8.43	9.62	8.39	85.4	
O5251-05	T-5	44	1.16	8.39	9.55	8.39	86.2	
O5251-06	T-6	45	1.18	8.63	9.81	8.22	81.6	

CHEMTECH

PERCENT SOLID

Supervisor: Iwona
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OvenID: M OVEN-1

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Weight Check 1.0g: 1.00
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BalanceID: M SC-4
Thermometer ID: %SOLIDS-OVEN

QC: LB128195

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
O5251-07	T-7	46	1.17	8.50	9.67	8.55	86.8	
O5251-08	T-8	47	1.19	8.69	9.88	8.73	86.8	
O5251-09	T-9	48	1.12	8.70	9.82	8.76	87.8	
O5251-10	T-10	49	1.19	8.73	9.92	8.85	87.7	
O5251-11	T-11	50	1.19	8.65	9.84	8.68	86.6	
O5252-01	WASTE	51	1.17	8.60	9.77	8.96	90.6	
O5253-01	L-1(65FT)(5-10)	52	1.18	8.53	9.71	8.35	84.1	
O5253-02	L-6(0-5)	53	1.13	8.53	9.66	8.76	89.4	
O5253-03	L-3(120FT)(0-5)	54	1.15	8.57	9.72	9.00	91.6	
O5253-04	L-3(195FT)(0-5)	55	1.19	8.58	9.77	9.02	91.3	
O5258-01	01-A-01-B-01-C	56	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
O5258-02	02-A-02-B-02-C	57	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
O5258-03	03-A-03-B-03-C	58	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
O5258-04	04-A-04-B-04-C	59	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
O5258-05	05-A-05-B-05-C	60	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
O5258-06	06-A-06-B-06-C	61	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
O5258-07	07-A-07-B-07-C	62	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
O5258-08	08-A-08-B-08-C	63	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
O5258-09	09-A-09-B-09-C	64	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
O5258-10	10-A-10-B-10-C	65	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
O5258-11	11-A-11-B-11-C	66	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
O5258-12	12-A-12-B-12-C	67	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
O5258-13	13-A-14-B-14-C	68	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
O5258-14	14-A-14-B-14-C	69	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
O5258-15	15-A-15-B-15-C	70	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
O5258-16	16-A-16-B-16-C	71	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
O5258-17	17-A-17-B-17-C	72	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
O5258-18	18-A-18-B-18-C	73	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE

CHEMTECH

PERCENT SOLID

Supervisor: Iwona
Analyst: JIGNESH
Date: 11/7/2023

OVENTEMP IN Celsius(°C): 107
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BalanceID: M SC-4
Thermometer ID: %SOLIDS-OVEN

QC: LB128195

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
O5258-19	19-A-19-B-19-C	74	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
O5258-20	20-A-20-B-20-C	75	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
O5258-21	21-A-21-B-21-C	76	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
O5258-22	22-A-22-B-22-C	77	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
O5258-23	23-A-23-B-23-C	78	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
O5258-24	24-A-24-B-24-C	79	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
O5258-25	25-A-25-B-25-C	80	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
O5258-26	26-A-26-B-26-C	81	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
O5258-27	27-A-27-B-27-C	82	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
O5266-01	1203	83	1.15	8.42	9.57	9.24	96.1	
O5267-01	ETGI-320	86	1.00	1.00	2.00	2.00	100.0	CONCRETE SAMPLE
O5270-01	OR-3-110623	84	1.18	8.80	9.98	9.34	92.7	
O5270-02	OR-3-110623-E2	85	1.13	8.80	9.93	9.01	89.5	
O5272-01	001	87	1.15	8.39	9.54	7.94	80.9	
O5272-02	002	88	1.15	8.39	9.54	7.94	80.9	

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

VB 128195

WORKLIST(Hardcopy Internal Chain)

WorkList Name : %1-110623 **WorkList ID :** 175305 **Department :** Wet-Chemistry **Date :** 11-06-2023 08:43:56

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O5102-02	67S-SB02-0815	Solid	Percent Solids	Cool 4 deg C	TETR16	I41	10/23/2023	Chemtech -SO
O5102-03	67S-SB02-2628	Solid	Percent Solids	Cool 4 deg C	TETR16	I41	10/23/2023	Chemtech -SO
O5102-04	67S-SB04-1419	Solid	Percent Solids	Cool 4 deg C	TETR16	I41	10/23/2023	Chemtech -SO
O5102-05	67S-SB07-1418	Solid	Percent Solids	Cool 4 deg C	TETR16	I41	10/23/2023	Chemtech -SO
O5102-06	67S-SB08-1619	Solid	Percent Solids	Cool 4 deg C	TETR16	I41	10/23/2023	Chemtech -SO
O5102-07	67S-SB09-1314.5	Solid	Percent Solids	Cool 4 deg C	TETR16	I41	10/23/2023	Chemtech -SO
O5102-08	67S-SB11-1218	Solid	Percent Solids	Cool 4 deg C	TETR16	I41	10/23/2023	Chemtech -SO
O5102-09	67S-SB11-1218-D	Solid	Percent Solids	Cool 4 deg C	TETR16	I41	10/24/2023	Chemtech -SO
O5102-10	67S-SB14-1216	Solid	Percent Solids	Cool 4 deg C	TETR16	I41	10/24/2023	Chemtech -SO
O5102-11	67S-SB16-1617	Solid	Percent Solids	Cool 4 deg C	TETR16	I41	10/24/2023	Chemtech -SO
O5244-01	1A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5244-04	2A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5244-07	3A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5244-10	4A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5244-13	5A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5244-16	6A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5244-19	7A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5245-02	8A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5245-05	9A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5245-08	10A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5245-11	11A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO

Date/Time 11.06.23 15:30

Raw Sample Received by: JR (WC)

Raw Sample Relinquished by:

Date/Time 11.06.23 17:30

Raw Sample Received by:

Raw Sample Relinquished by: JR (WC)

WORKLIST(Hardcopy Internal Chain)

VB 128195

WorkList Name : %1-110623 **WorkList ID :** 175305 **Department :** Wet-Chemistry **Date :** 11-06-2023 08:43:56

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O5245-14	12A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5245-17	13A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5245-20	14A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5246-03	15A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5246-06	16A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5246-09	17A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5246-12	18A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5246-15	19A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5246-18	20B	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5247-01	21B	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5247-04	22B	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/03/2023	Chemtech -SO
O5247-07	23B	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/03/2023	Chemtech -SO
O5247-10	24B	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/03/2023	Chemtech -SO
O5247-13	25B	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/03/2023	Chemtech -SO
O5247-16	26A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/03/2023	Chemtech -SO
O5247-19	27A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/03/2023	Chemtech -SO
O5248-02	28A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/03/2023	Chemtech -SO
O5248-03	29A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5248-04	30A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5248-05	31A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5248-06	32A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO

Date/Time 11-06-23 15:30

Raw Sample Received by: JP (WC)

Raw Sample Relinquished by:

Date/Time 11-06-23 17:30

Raw Sample Received by:

Raw Sample Relinquished by: JP (WC)

WORKLIST(Hardcopy Internal Chain)

VB128195

WorkList Name : %1-110623 **WorkList ID :** 175305 **Department :** Wet-Chemistry **Date :** 11-06-2023 08:43:56

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O5248-07	33A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5248-08	34A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5248-09	35A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5248-10	DUP-1	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5248-13	DUP-4	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5248-14	DUP-5	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5248-16	DUP-7	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5251-01	T-1	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5251-02	T-2	Solid	Percent Solids	Cool 4 deg C	RMJE02	L21	11/02/2023	Chemtech -SO
O5251-03	T-3	Solid	Percent Solids	Cool 4 deg C	RMJE02	L21	11/02/2023	Chemtech -SO
O5251-04	T-4	Solid	Percent Solids	Cool 4 deg C	RMJE02	L21	11/02/2023	Chemtech -SO
O5251-05	T-5	Solid	Percent Solids	Cool 4 deg C	RMJE02	L21	11/02/2023	Chemtech -SO
O5251-06	T-6	Solid	Percent Solids	Cool 4 deg C	RMJE02	L21	11/02/2023	Chemtech -SO
O5251-07	T-7	Solid	Percent Solids	Cool 4 deg C	RMJE02	L21	11/02/2023	Chemtech -SO
O5251-08	T-8	Solid	Percent Solids	Cool 4 deg C	RMJE02	L21	11/02/2023	Chemtech -SO
O5251-09	T-9	Solid	Percent Solids	Cool 4 deg C	RMJE02	L21	11/02/2023	Chemtech -SO
O5251-10	T-10	Solid	Percent Solids	Cool 4 deg C	RMJE02	L21	11/02/2023	Chemtech -SO
O5251-11	T-11	Solid	Percent Solids	Cool 4 deg C	RMJE02	L21	11/02/2023	Chemtech -SO
O5252-01	WASTE	Solid	Percent Solids	Cool 4 deg C	RMJE02	L21	11/02/2023	Chemtech -SO
O5253-01	L-1(65FT)(5-10)	Solid	Percent Solids	Cool 4 deg C	RMJE02	I31	11/03/2023	Chemtech -SO
O5253-02	L-6(0-5)	Solid	Percent Solids	Cool 4 deg C	GEIC06	L21	11/02/2023	Chemtech -SO
					GEIC06	L21	11/03/2023	Chemtech -SO

Date/Time 11-06-23 15:30

Raw Sample Received by: JP (WC)

Raw Sample Relinquished by:

Date/Time 11-06-23 17:30

Raw Sample Received by:

Raw Sample Relinquished by: JP (WC)

NB128195

WORKLIST(Hardcopy Internal Chain)

WorkList Name : %1-110623 **WorkList ID :** 175305 **Department :** Wet-Chemistry **Date :** 11-06-2023 08:43:56

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O5253-03	L-3(120FT)(0-5)	Solid	Percent Solids	Cool 4 deg C	GEIC06	L21	11/03/2023	Chemtech -SO
O5253-04	L-3(195FT)(0-5)	Solid	Percent Solids	Cool 4 deg C	GEIC06	L21	11/03/2023	Chemtech -SO
O5258-01	01-A-01-B-01-C	Solid	Percent Solids	Cool 4 deg C	BSIG01	L21	11/03/2023	Chemtech -SO
O5258-02	02-A-02-B-02-C	Solid	Percent Solids	Cool 4 deg C	BSIG01	L21	11/03/2023	Chemtech -SO
O5258-03	03-A-03-B-03-C	Solid	Percent Solids	Cool 4 deg C	BSIG01	L21	11/03/2023	Chemtech -SO
O5258-04	04-A-04-B-04-C	Solid	Percent Solids	Cool 4 deg C	BSIG01	L21	11/03/2023	Chemtech -SO
O5258-05	05-A-05-B-05-C	Solid	Percent Solids	Cool 4 deg C	BSIG01	L21	11/03/2023	Chemtech -SO
O5258-06	06-A-06-B-06-C	Solid	Percent Solids	Cool 4 deg C	BSIG01	L21	11/03/2023	Chemtech -SO
O5258-07	07-A-07-B-07-C	Solid	Percent Solids	Cool 4 deg C	BSIG01	L21	11/03/2023	Chemtech -SO
O5258-08	08-A-08-B-08-C	Solid	Percent Solids	Cool 4 deg C	BSIG01	L21	11/03/2023	Chemtech -SO
O5258-09	09-A-09-B-09-C	Solid	Percent Solids	Cool 4 deg C	BSIG01	L21	11/03/2023	Chemtech -SO
O5258-10	10-A-10-B-10-C	Solid	Percent Solids	Cool 4 deg C	BSIG01	L21	11/03/2023	Chemtech -SO
O5258-11	11-A-11-B-11-C	Solid	Percent Solids	Cool 4 deg C	BSIG01	L21	11/03/2023	Chemtech -SO
O5258-12	12-A-12-B-12-C	Solid	Percent Solids	Cool 4 deg C	BSIG01	L21	11/03/2023	Chemtech -SO
O5258-13	13-A-14-B-14-C	Solid	Percent Solids	Cool 4 deg C	BSIG01	L21	11/03/2023	Chemtech -SO
O5258-14	14-A-14-B-14-C	Solid	Percent Solids	Cool 4 deg C	BSIG01	L21	11/03/2023	Chemtech -SO
O5258-15	15-A-15-B-15-C	Solid	Percent Solids	Cool 4 deg C	BSIG01	L21	11/03/2023	Chemtech -SO
O5258-16	16-A-16-B-16-C	Solid	Percent Solids	Cool 4 deg C	BSIG01	L21	11/03/2023	Chemtech -SO
O5258-17	17-A-17-B-17-C	Solid	Percent Solids	Cool 4 deg C	BSIG01	L21	11/03/2023	Chemtech -SO
O5258-18	18-A-18-B-18-C	Solid	Percent Solids	Cool 4 deg C	BSIG01	L21	11/03/2023	Chemtech -SO
O5258-19	19-A-19-B-19-C	Solid	Percent Solids	Cool 4 deg C	BSIG01	L21	11/03/2023	Chemtech -SO

Date/Time 11.06.23 15:30

Raw Sample Received by: JD (CWC)

Raw Sample Relinquished by: CP Sm

Date/Time 11.06.23 17:30

Raw Sample Received by: CP Sm

Raw Sample Relinquished by: JD (CWC)

NB128195

WORKLIST(Hardcopy Internal Chain)

WorkList Name : %1-110623 **WorkList ID :** 175305 **Department :** Wet-Chemistry **Date :** 11-06-2023 08:43:56

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O5258-20	20-A-20-B-20-C	Solid	Percent Solids	Cool 4 deg C	BSIG01	L21	11/03/2023	Chemtech -SO
O5258-21	21-A-21-B-21-C	Solid	Percent Solids	Cool 4 deg C	BSIG01	L21	11/03/2023	Chemtech -SO
O5258-22	22-A-22-B-22-C	Solid	Percent Solids	Cool 4 deg C	BSIG01	L21	11/03/2023	Chemtech -SO
O5258-23	23-A-23-B-23-C	Solid	Percent Solids	Cool 4 deg C	BSIG01	L21	11/03/2023	Chemtech -SO
O5258-24	24-A-24-B-24-C	Solid	Percent Solids	Cool 4 deg C	BSIG01	L21	11/03/2023	Chemtech -SO
O5258-25	25-A-25-B-25-C	Solid	Percent Solids	Cool 4 deg C	BSIG01	L21	11/03/2023	Chemtech -SO
O5258-26	26-A-26-B-26-C	Solid	Percent Solids	Cool 4 deg C	BSIG01	L21	11/03/2023	Chemtech -SO
O5258-27	27-A-27-B-27-C	Solid	Percent Solids	Cool 4 deg C	BSIG01	L21	11/03/2023	Chemtech -SO
O5266-01	1203	Solid	Percent Solids	Cool 4 deg C	PSEG03	I41	11/06/2023	Chemtech -SO
O5267-01	ETGI-320	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	11/06/2023	Chemtech -SO
O5270-01	OR-3-110623	Solid	Percent Solids	Cool 4 deg C	PSEG05	I31	11/06/2023	Chemtech -SO
O5270-02	OR-3-110623-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	I31	11/06/2023	Chemtech -SO
O5272-01	001	Solid	Percent Solids	Cool 4 deg C	CONS03	I41	11/02/2023	Chemtech -SO
O5272-02	002	Solid	Percent Solids	Cool 4 deg C	CONS03	I41	11/02/2023	Chemtech -SO

Date/Time 11.06.23 15:30

Raw Sample Received by: JD (CEC)

Raw Sample Relinquished by: CR SM

Date/Time 11.06.23 17:30

Raw Sample Received by: CR SM

Raw Sample Relinquished by: JD (CEC)

CHEMTECH

EXTRACTION LOGPAGE

PB156920

SOP ID:	M3541-ASE Extraction-14				
Clean Up SOP #:	Florisil			**Extraction Start Date :**	11/06/2023
Matrix :	Solid			**Extraction Start Time :**	09:10
Weigh By:	RJ	**Extraction By:**	RJ	**Extraction End Date :**	11/06/2023
Balance check:	RJ	**Filter By:**	RJ	**Extraction End Time :**	12:50
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	RS
pH Strip Lot#:	N/A	**Hood ID:**	N/A	**Supervisor By :**	rajesh

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

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	500 PPB	PP22482
Surrogate	1.0ML	200 PPB	PP22594
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Hexane/Acetone/1:1	N/A	EP2393
Baked Na2SO4	N/A	EP2405
Sand	N/A	E2865
Hexane	N/A	E3591
Florisil	N/A	E3531
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. O5252,5253 Added in batch at 09:50.

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

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/6/23	RP (Ext. Lab)	AJ 1107 Lab Tech
12:55	**Preparation Group**	**Analysis Group**

CHEMTECH

EXTRACTION LOGPAGE

PrepBatch ID : PB156920

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 11/06/2023

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB156920BL	PBLK920	Pesticide-TCL	30.03	N/A	ritesh	RUPESH	10			U1-1
PB156920BS	PLCS920	Pesticide-TCL	30.00	N/A	ritesh	RUPESH	10			2
O5252-01	WASTE	Pesticide-TCL	30.07	N/A	ritesh	RUPESH	10	B		3
O5253-01	L-1(65FT)(5-10)	Pesticide-TCL	30.10	N/A	ritesh	RUPESH	10	E		4
O5253-02	L-6(0-5)	Pesticide-TCL	30.01	N/A	ritesh	RUPESH	10	E		5
O5253-03	L-3(120FT)(0-5)	Pesticide-TCL	30.03	N/A	ritesh	RUPESH	10	E		6
O5253-04	L-3(195FT)(0-5)	Pesticide-TCL	30.05	N/A	ritesh	RUPESH	10	E		U3-1
O5256-01	WC-1	Pesticide-TCL	30.09	N/A	ritesh	RUPESH	10	B		2
O5256-01MS	WC-1MS	Pesticide-TCL	30.03	N/A	ritesh	RUPESH	10	B		3
O5256-01MSD	WC-1MSD	Pesticide-TCL	30.05	N/A	ritesh	RUPESH	10	B		4
O5256-05	WC-11	Pesticide-TCL	30.01	N/A	ritesh	RUPESH	10	B		5
O5256-09	WC-10	Pesticide-TCL	30.03	N/A	ritesh	RUPESH	10	B		6
O5257-01	WC-6	Pesticide-TCL	30.08	N/A	ritesh	RUPESH	10	B		U5-1
O5257-05	WC-2	Pesticide-TCL	30.05	N/A	ritesh	RUPESH	10	B		2
O5257-09	WC-3	Pesticide-TCL	30.10	N/A	ritesh	RUPESH	10	B		3

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

11/6/23

Per

WORKLIST(Hardcopy Internal Chain)

WorkList Name : O5253 **WorkList ID :** 175313 **Department :** Extraction **Date :** 11-06-2023 09:50:44

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O5252-01	WASTE	Solid	PCB	Cool 4 deg C	RMJE02	I31	11/03/2023	8082A
O5252-01	WASTE	Solid	Pesticide-TCL	Cool 4 deg C	RMJE02	I31	11/03/2023	8081B
O5253-01	L-1(65FT)(5-10)	Solid	PCB	Cool 4 deg C	GEIC06	L21	11/02/2023	8082A
O5253-01	L-1(65FT)(5-10)	Solid	Pesticide-TCL	Cool 4 deg C	GEIC06	L21	11/02/2023	8081B
O5253-02	L-6(0-5)	Solid	PCB	Cool 4 deg C	GEIC06	L21	11/03/2023	8082A
O5253-02	L-6(0-5)	Solid	Pesticide-TCL	Cool 4 deg C	GEIC06	L21	11/03/2023	8081B
O5253-03	L-3(120FT)(0-5)	Solid	PCB	Cool 4 deg C	GEIC06	L21	11/03/2023	8082A
O5253-03	L-3(120FT)(0-5)	Solid	Pesticide-TCL	Cool 4 deg C	GEIC06	L21	11/03/2023	8081B
O5253-04	L-3(195FT)(0-5)	Solid	PCB	Cool 4 deg C	GEIC06	L21	11/03/2023	8082A
O5253-04	L-3(195FT)(0-5)	Solid	Pesticide-TCL	Cool 4 deg C	GEIC06	L21	11/03/2023	8081B

Date/Time 11/6/23 9:20

Raw Sample Received by: RJ (Set lab)

Raw Sample Relinquished by: GM

Date/Time 11/6/23 10:05

Raw Sample Received by: GM

Raw Sample Relinquished by: RJ (SEA-lab)

1,56920
9:10

WORKLIST(Hardcopy Internal Chain)

WorkList Name : O5257 **WorkList ID :** 175303 **Department :** Extraction **Date :** 11-06-2023 08:42:41

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O5256-01	WC-1	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	L31	11/03/2023	8081B
O5256-05	WC-11	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	L31	11/03/2023	8081B
O5256-09	WC-10	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	L31	11/03/2023	8081B
O5257-01	WC-6	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	L31	11/03/2023	8081B
O5257-05	WC-2	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	L31	11/03/2023	8081B
O5257-09	WC-3	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	L31	11/03/2023	8081B

Date/Time 11/6/23 9:05
Raw Sample Received by: RJ Eberlay
Raw Sample Relinquished by: SM

Date/Time 11/6/23 9:30
Raw Sample Received by: SM
Raw Sample Relinquished by: RJ Eberlay

CHEMTECH

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. 05252
COC Number 2042541

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: RMJ
ADDRESS: PO Box 719
CITY Totowa STATE: NJ ZIP: 07511
ATTENTION: Jonathan Pereira
PHONE: 5512719485 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: 245 Greenwood
PROJECT NO.: LOCATION: Midland Park
PROJECT MANAGER: Jonathan Pereira
e-mail:
PHONE: 9736330020 FAX: 9736330019

CLIENT BILLING INFORMATION

BILL TO: RMJ PO#:
ADDRESS: PO Box 719
CITY Totowa STATE: NJ ZIP: 07511
ATTENTION: Rita Della Fave PHONE:

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

ANALYSIS

1 EPH
2 TAL/TCL + 30
3 Paint Filter
4 TCLP Metals
5 VOC
6
7
8
9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
												A					← Specify Preservatives: A-HCl, B-HN03, C-H2SO4, D-NaOH, E-ICE, F-OTHER
1.	Waste	Soil	X		11/3/23	1120	2	X	X	X	H						H = Hold
2.	Waste - VOC	↓		X	11/3/23	1126	3					X					
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. Jpereira	11/3/23 1402	1. IT
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☒ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.8 °C
Comments: Hold TCLP Metal Analysis

Page ____ of ____

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

Shipment Complete ☐ YES ☐ NO

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

CHEMTECH 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-0649
DOD ELAP (L-A-B)	L2219
Maine	2022022
Maryland	296
New Hampshire	255423
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	P330-21-00137
Texas	T104704488-23-16

CHEMTECH

LOGIN REPORT/SAMPLE TRANSFER

Order ID : O5252 RMJE02
Client Name : RMJ Environomics, Inc.
Client Contact : Jonathan Pereira
Invoice Name : RMJ Environomics, Inc.
Invoice Contact : Jonathan Pereira

Order Date : 11/3/2023 2:14:16 PM
Project Name : 245 Greenwood Ave
Receive DateTime : 11/3/2023 2:02:00 PM
Purchase Order :

Project Mgr : Yazmeen
Report Type : NJ Reduced
EDD Type : HAZ/EXCEL
Hard Copy Date :
Date Signoff : 11/6/2023 9:49:22 AM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
O5252-03	WASTE-VOC	Solid	11/03/2023	11:26					
					VOC-TCLVOA-10		8260D		10 Bus. Days

Relinguished By : DW
Date / Time : 11/6/23 1030

Received By : Sam
Date / Time : 11/6/23 10:30 aej#6 R22
Storage Area : VOA Refridgerator Room