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

DATA REPORTING QUALIFIERS- ORGANIC

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

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

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LAB CHRONICLE

OrderID:	P4676	**OrderDate:**	11/1/2024 11:25:00 AM
Client:	Chemtech Consulting Group	**Project:**	Weekly Storage Blanks
Contact:	QA Officer	**Location:**	L11,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4676-06	**PEST-GPC-BLANK**	**SOIL**			**11/01/24**			**11/01/24**
			Pesticide-TCL	SFAM_PEST		11/04/24	11/08/24	
P4676-07	**PEST-GPC-BLANK-SPIKE**	**SOIL**			**11/01/24**			**11/01/24**
			Pesticide-TCL	SFAM_PEST		11/04/24	11/08/24	
P4676-08	**PCB-GPC-BLANK**	**SOIL**			**11/01/24**			**11/01/24**
			PCB	SFAM_PCB		11/04/24	11/05/24	
P4676-09	**PCB-GPC-BLANK-SPIKE**	**SOIL**			**11/01/24**			**11/01/24**
			PCB	SFAM_PCB		11/04/24	11/05/24	
P4676-11	**PEST-GPC2-BLANK**	**SOIL**			**11/01/24**			**11/01/24**
			Pesticide-TCL	SFAM_PEST		11/04/24	11/08/24	
P4676-12	**PEST-GPC2-BLANK-SPIKE**	**SOIL**			**11/01/24**			**11/01/24**
			Pesticide-TCL	SFAM_PEST		11/04/24	11/08/24	
P4676-13	**PCB-GPC2-BLANK**	**SOIL**			**11/01/24**			**11/01/24**
			PCB	SFAM_PCB		11/04/24	11/05/24	
P4676-14	**PCB-GPC2-BLANK-SPIKE**	**SOIL**			**11/01/24**			**11/01/24**
			PCB	SFAM_PCB		11/04/24	11/05/24	

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Hit Summary Sheet
SW-846

SDG No.: P4676 **Order ID:** P4676

Client: Chemtech Consulting Group **Project ID:** Weekly Storage Blanks

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : PEST-GPC-BLANK-SPIKE								
P4676-07	PEST-GPC-BLANK-S	SOIL	gamma-BHC (Lindane)	9.80		0.21	2.60	ug/kg
P4676-07	PEST-GPC-BLANK-S	SOIL	Heptachlor	9.70		0.45	2.60	ug/kg
P4676-07	PEST-GPC-BLANK-S	SOIL	Aldrin	10.0		0.20	2.60	ug/kg
P4676-07	PEST-GPC-BLANK-S	SOIL	Dieldrin	20.0		0.24	5.00	ug/kg
P4676-07	PEST-GPC-BLANK-S	SOIL	Endrin	20.0		0.21	5.00	ug/kg
P4676-07	PEST-GPC-BLANK-S	SOIL	4,4-DDT	17.0		0.33	5.00	ug/kg
			Total Concentration:	**86.500**				
Client ID : PEST-GPC2-BLANK-SPIKE								
P4676-12	PEST-GPC2-BLANK-	SOIL	gamma-BHC (Lindane)	20.0		0.42	5.10	ug/kg
P4676-12	PEST-GPC2-BLANK-	SOIL	Heptachlor	19.0		0.90	5.10	ug/kg
P4676-12	PEST-GPC2-BLANK-	SOIL	Aldrin	20.0		0.39	5.10	ug/kg
P4676-12	PEST-GPC2-BLANK-	SOIL	Dieldrin	40.0		0.48	9.90	ug/kg
P4676-12	PEST-GPC2-BLANK-	SOIL	Endrin	39.0		0.42	9.90	ug/kg
P4676-12	PEST-GPC2-BLANK-	SOIL	4,4-DDT	34.0		0.66	9.90	ug/kg
			Total Concentration:	**172.000**				

QC SUMMARY

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Surrogate Summary

SDG No.: P4676

Client: Chemtech Consulting Group

Analytical Method: SFAM_PEST

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
P4676-06	PEST-GPC-BLANK	TCX	1	20	0	0	*	30	150
		DCB	1	40	0	0	*	30	150
		TCX	2	20	0	0	*	30	150
		DCB	2	40	0	0	*	30	150
P4676-07	PEST-GPC-BLANK-SPIKE	TCX	1	20	0	0	*	30	150
		DCB	1	40	0	0	*	30	150
		TCX	2	20	0	0	*	30	150
		DCB	2	40	0	0	*	30	150
P4676-11	PEST-GPC2-BLANK	TCX	1	20	0	0	*	30	150
		DCB	1	40	0	0	*	30	150
		TCX	2	20	0	0	*	30	150
		DCB	2	40	0	0	*	30	150
P4676-12	PEST-GPC2-BLANK-SPIKE	TCX	1	20	0	0	*	30	150
		DCB	1	40	0	0	*	30	150
		TCX	2	20	0	0	*	30	150
		DCB	2	40	0	0	*	30	150

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4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: P4676 SAS No.: P4676 SDG NO.: P4676

Lab Sample ID: Lab File ID:

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

Sulfur Cleanup: (Y/N) Date Extracted:

Date Analyzed (1): Date Analyzed (2):

Time Analyzed (1): Time Analyzed (2):

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (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

COMMENTS:

SAMPLE DATA

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Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	11/01/24
Project:	Weekly Storage Blanks	Date Received:	11/01/24
Client Sample ID:	PEST-GPC-BLANK	SDG No.:	P4676
Lab Sample ID:	P4676-06	Matrix:	SOIL
Analytical Method:	SFAM_PEST	% Solid:	100 Decanted:
Sample Wt/Vol:	10 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD086458.D	1	11/04/24 10:37	11/08/24 15:07	PB164652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.14	U	0.14	2.60	ug/kg
319-85-7	beta-BHC	0.23	U	0.23	2.60	ug/kg
319-86-8	delta-BHC	0.89	U	0.89	2.60	ug/kg
58-89-9	gamma-BHC (Lindane)	0.21	U	0.21	2.60	ug/kg
76-44-8	Heptachlor	0.45	U	0.45	2.60	ug/kg
309-00-2	Aldrin	0.20	U	0.20	2.60	ug/kg
1024-57-3	Heptachlor epoxide	0.20	U	0.20	2.60	ug/kg
959-98-8	Endosulfan I	0.20	U	0.20	2.60	ug/kg
60-57-1	Dieldrin	0.24	U	0.24	5.00	ug/kg
72-55-9	4,4-DDE	0.21	U	0.21	5.00	ug/kg
72-20-8	Endrin	0.21	U	0.21	5.00	ug/kg
33213-65-9	Endosulfan II	0.18	U	0.18	5.00	ug/kg
72-54-8	4,4-DDD	0.18	U	0.18	5.00	ug/kg
1031-07-8	Endosulfan Sulfate	0.33	U	0.33	5.00	ug/kg
50-29-3	4,4-DDT	0.33	U	0.33	5.00	ug/kg
72-43-5	Methoxychlor	0.38	U	0.38	26.0	ug/kg
53494-70-5	Endrin ketone	0.20	U	0.20	5.00	ug/kg
7421-93-4	Endrin Aldehyde	0.26	U	0.26	5.00	ug/kg
5103-71-9	cis-Chlordane	0.26	U	0.26	2.60	ug/kg
5103-74-2	trans-Chlordane	0.27	U	0.27	2.60	ug/kg
8001-35-2	Toxaphene	13.2	U	13.2	260	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	0	*	30 - 150	%	SPK: 20
2051-24-3	Decachlorobiphenyl	0	*	30 - 150	%	SPK: 40

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Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	11/01/24
Project:	Weekly Storage Blanks	Date Received:	11/01/24
Client Sample ID:	PEST-GPC-BLANK	SDG No.:	P4676
Lab Sample ID:	P4676-06	Matrix:	SOIL
Analytical Method:	SFAM_PEST	% Solid:	100 Decanted:
Sample Wt/Vol:	10 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD086458.D	1	11/04/24 10:37	11/08/24 15:07	PB164652

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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110824\
Data File : PD086458.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 15:07
Operator : AR\AJ
Sample : P4676-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEST-GPC-BLANK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 21:17:07 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102524CLP.M
Quant Title : GC Extractables
QLast Update : Fri Oct 25 14:36:38 2024
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds

Target Compounds

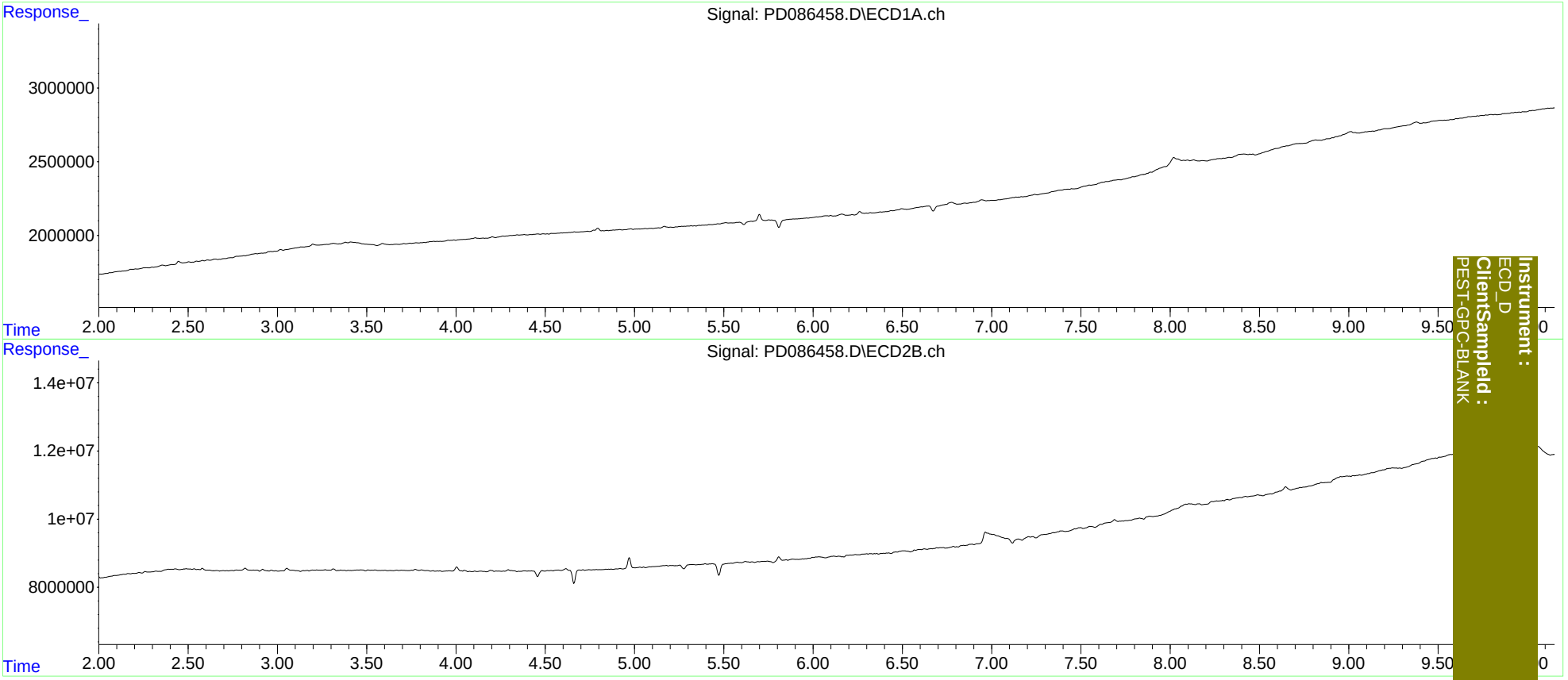
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110824\
Data File : PD086458.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 15:07
Operator : AR\AJ
Sample : P4676-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 21:17:07 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102524CLP.M
Quant Title : GC Extractables
QLast Update : Fri Oct 25 14:36:38 2024
Response via : Initial Calibration
Integrator: ChemStation

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



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Fax : 908 789 8922

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	11/01/24
Project:	Weekly Storage Blanks	Date Received:	11/01/24
Client Sample ID:	PEST-GPC-BLANK-SPIKE	SDG No.:	P4676
Lab Sample ID:	P4676-07	Matrix:	SOIL
Analytical Method:	SFAM_PEST	% Solid:	100 Decanted:
Sample Wt/Vol:	10 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD086459.D	1	11/04/24 10:37	11/08/24 15:21	PB164652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.14	U	0.14	2.60	ug/kg
319-85-7	beta-BHC	0.23	U	0.23	2.60	ug/kg
319-86-8	delta-BHC	0.89	U	0.89	2.60	ug/kg
58-89-9	gamma-BHC (Lindane)	9.80		0.21	2.60	ug/kg
76-44-8	Heptachlor	9.70		0.45	2.60	ug/kg
309-00-2	Aldrin	10.0		0.20	2.60	ug/kg
1024-57-3	Heptachlor epoxide	0.20	U	0.20	2.60	ug/kg
959-98-8	Endosulfan I	0.20	U	0.20	2.60	ug/kg
60-57-1	Dieldrin	20.0		0.24	5.00	ug/kg
72-55-9	4,4-DDE	0.21	U	0.21	5.00	ug/kg
72-20-8	Endrin	20.0		0.21	5.00	ug/kg
33213-65-9	Endosulfan II	0.18	U	0.18	5.00	ug/kg
72-54-8	4,4-DDD	0.18	U	0.18	5.00	ug/kg
1031-07-8	Endosulfan Sulfate	0.33	U	0.33	5.00	ug/kg
50-29-3	4,4-DDT	17.0		0.33	5.00	ug/kg
72-43-5	Methoxychlor	0.38	U	0.38	26.0	ug/kg
53494-70-5	Endrin ketone	0.20	U	0.20	5.00	ug/kg
7421-93-4	Endrin Aldehyde	0.26	U	0.26	5.00	ug/kg
5103-71-9	cis-Chlordane	0.26	U	0.26	2.60	ug/kg
5103-74-2	trans-Chlordane	0.27	U	0.27	2.60	ug/kg
8001-35-2	Toxaphene	13.2	U	13.2	260	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	0	*	30 - 150	%	SPK: 20
2051-24-3	Decachlorobiphenyl	0	*	30 - 150	%	SPK: 40

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Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	11/01/24
Project:	Weekly Storage Blanks	Date Received:	11/01/24
Client Sample ID:	PEST-GPC-BLANK-SPIKE	SDG No.:	P4676
Lab Sample ID:	P4676-07	Matrix:	SOIL
Analytical Method:	SFAM_PEST	% Solid:	100 Decanted:
Sample Wt/Vol:	10 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD086459.D	1	11/04/24 10:37	11/08/24 15:21	PB164652

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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110824\
Data File : PD086459.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 15:21
Operator : AR\AJ
Sample : P4676-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEST-GPC-BLANK-SPIKE

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :mohammad ahmed 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 21:17:23 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102524CLP.M
Quant Title : GC Extractables
QLast Update : Fri Oct 25 14:36:38 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
	Target Compounds						
3)	MA gamma-BHC...	4.341	3.737	48970032	283.4E6	19.683m	21.016m
4)	MA Heptachlor	4.942	4.094	47888296	283.5E6	19.371m	20.749m
5)	MB Aldrin	5.286	4.382	48428039	285.9E6	19.981	21.073
13)	MA Dieldrin	6.362	5.527	91133521	515.2E6	39.954m	41.756m
14)	MA Endrin	6.591	5.805	74645584	462.3E6	39.712	41.136
17)	MA 4,4'-DDT	7.038	6.202	57036105	371.4E6	34.210	36.190

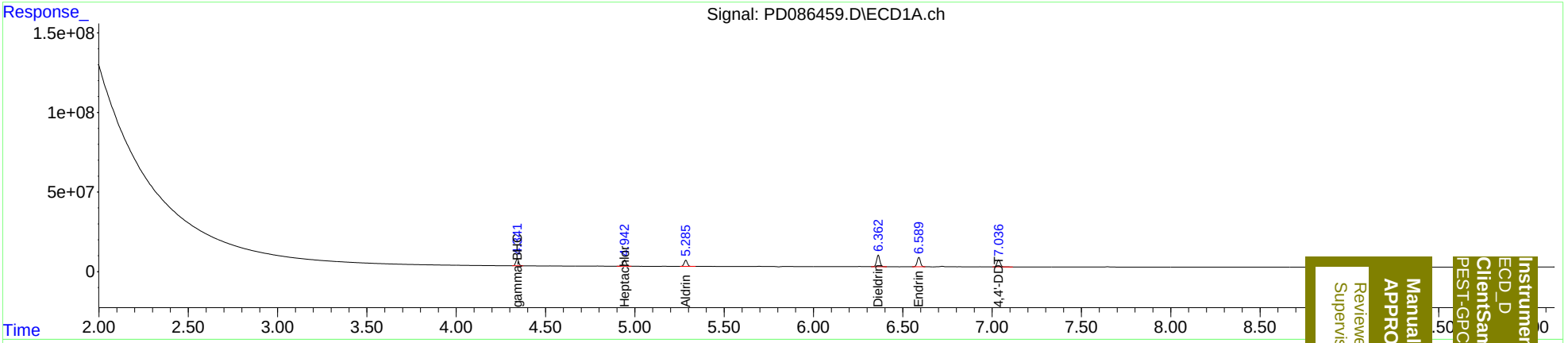
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

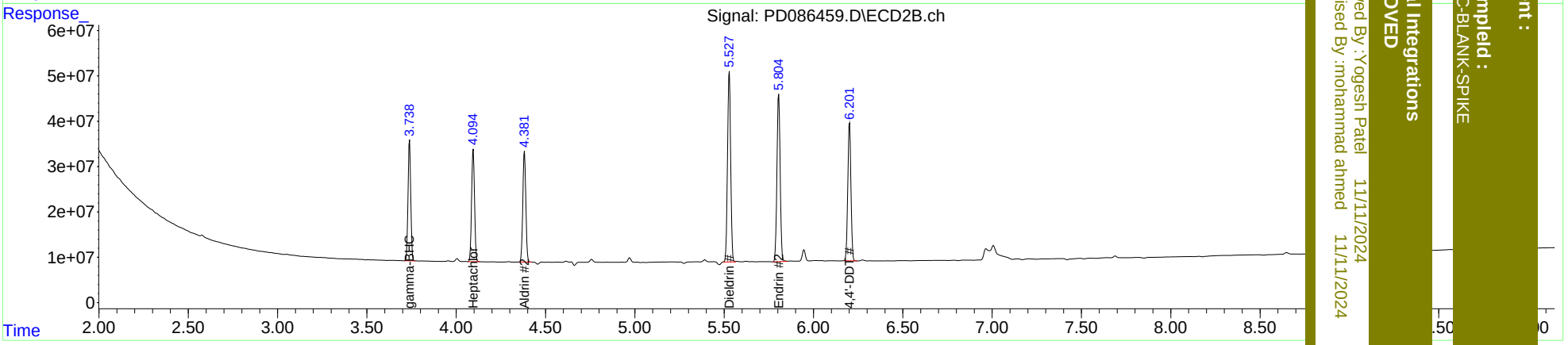
Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110824\
Data File : PD086459.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 15:21
Operator : AR\AJ
Sample : P4676-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 21:17:23 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102524CLP.M
Quant Title : GC Extractables
QLast Update : Fri Oct 25 14:36:38 2024
Response via : Initial Calibration
Integrator: ChemStation

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





Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/11/2024
Supervised By :mohammad ahmed 11/11/2024

Instrument :
ECD_D
ClientSampleId :
PEST-GPC-BLANK-SPIKE

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110824\
Data File : PD086459.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 15:21
Operator : AR\AJ
Sample : P4676-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

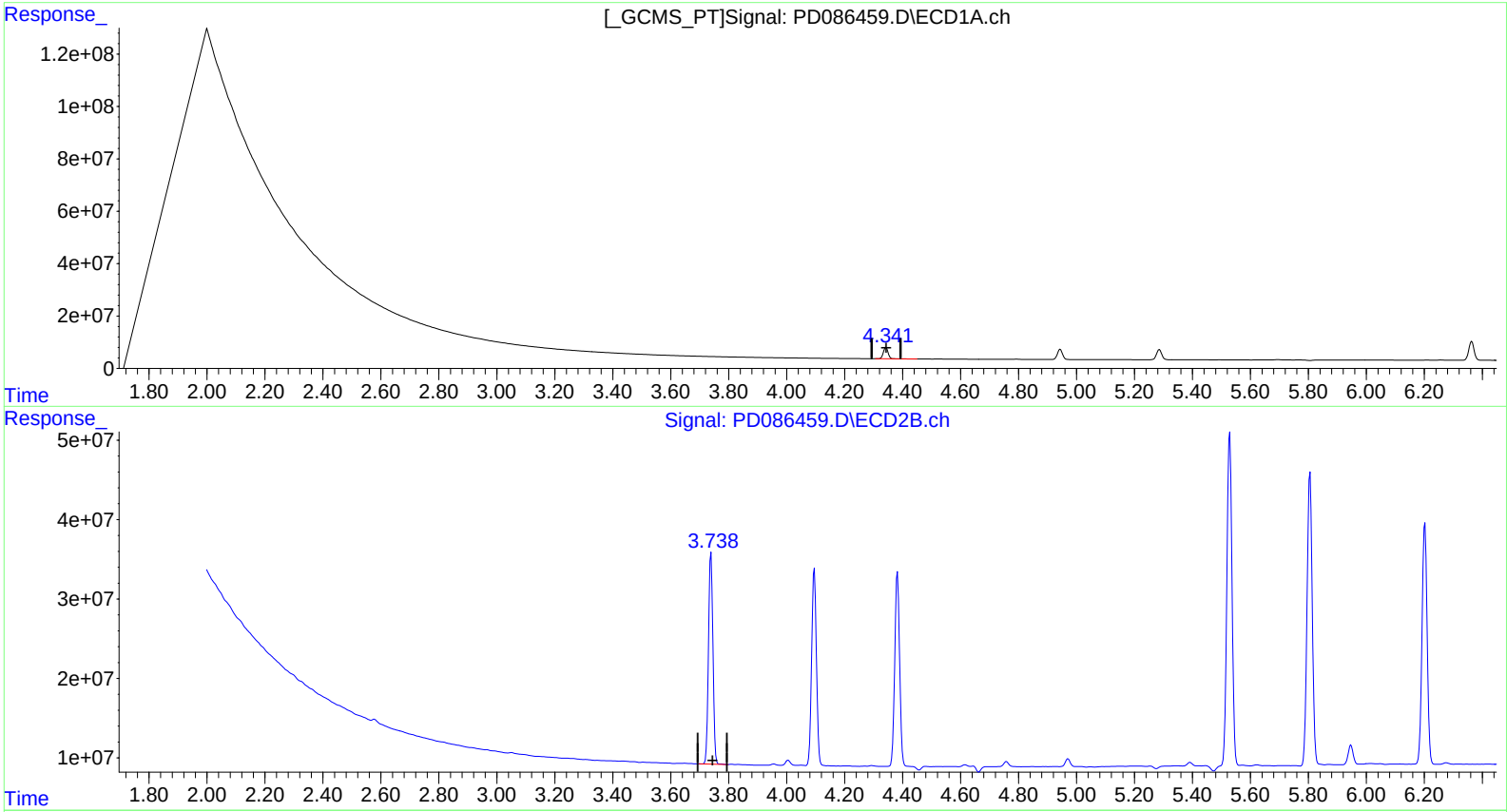
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 21:17:23 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102524CLP.M
Quant Title : GC Extractables
QLast Update : Fri Oct 25 14:36:38 2024
Response via : Initial Calibration
Integrator: ChemStation

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

Instrument :
ECD_D
ClientSampleId :
PEST-GPC-BLANK-SPIKE

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :mohammad ahmed 11/11/2024



QEdit

(3) gamma-BHC (Lindane) (MA)

4.343min 19.948 ng/ml

response 49629239

(3) gamma-BHC (Lindane) #2 (MA)

3.739min 21.041 ng/ml

response 283795929

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110824\
Data File : PD086459.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 15:21
Operator : AR\AJ
Sample : P4676-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

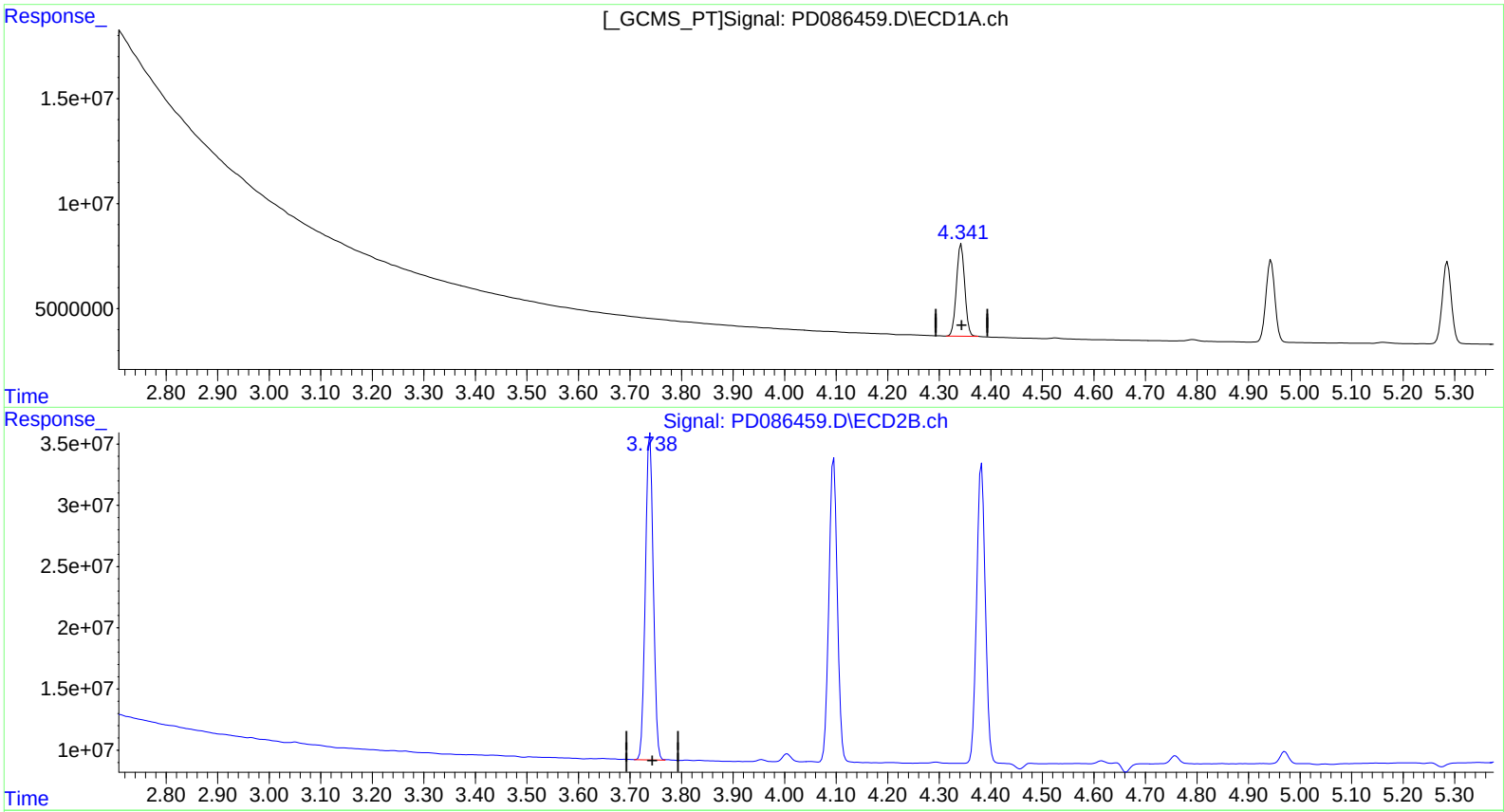
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 21:17:23 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102524CLP.M
Quant Title : GC Extractables
QLast Update : Fri Oct 25 14:36:38 2024
Response via : Initial Calibration
Integrator: ChemStation

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

Instrument :
ECD_D
ClientSampleId :
PEST-GPC-BLANK-SPIKE

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :mohammad ahmed 11/11/2024



QEdit

(3) gamma-BHC (Lindane) (MA)

4.341min 19.683 ng/ml m

response 48970032

(3) gamma-BHC (Lindane) #2 (MA)

3.737min 21.016 ng/ml m

response 283449756

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110824\
Data File : PD086459.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 15:21
Operator : AR\AJ
Sample : P4676-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

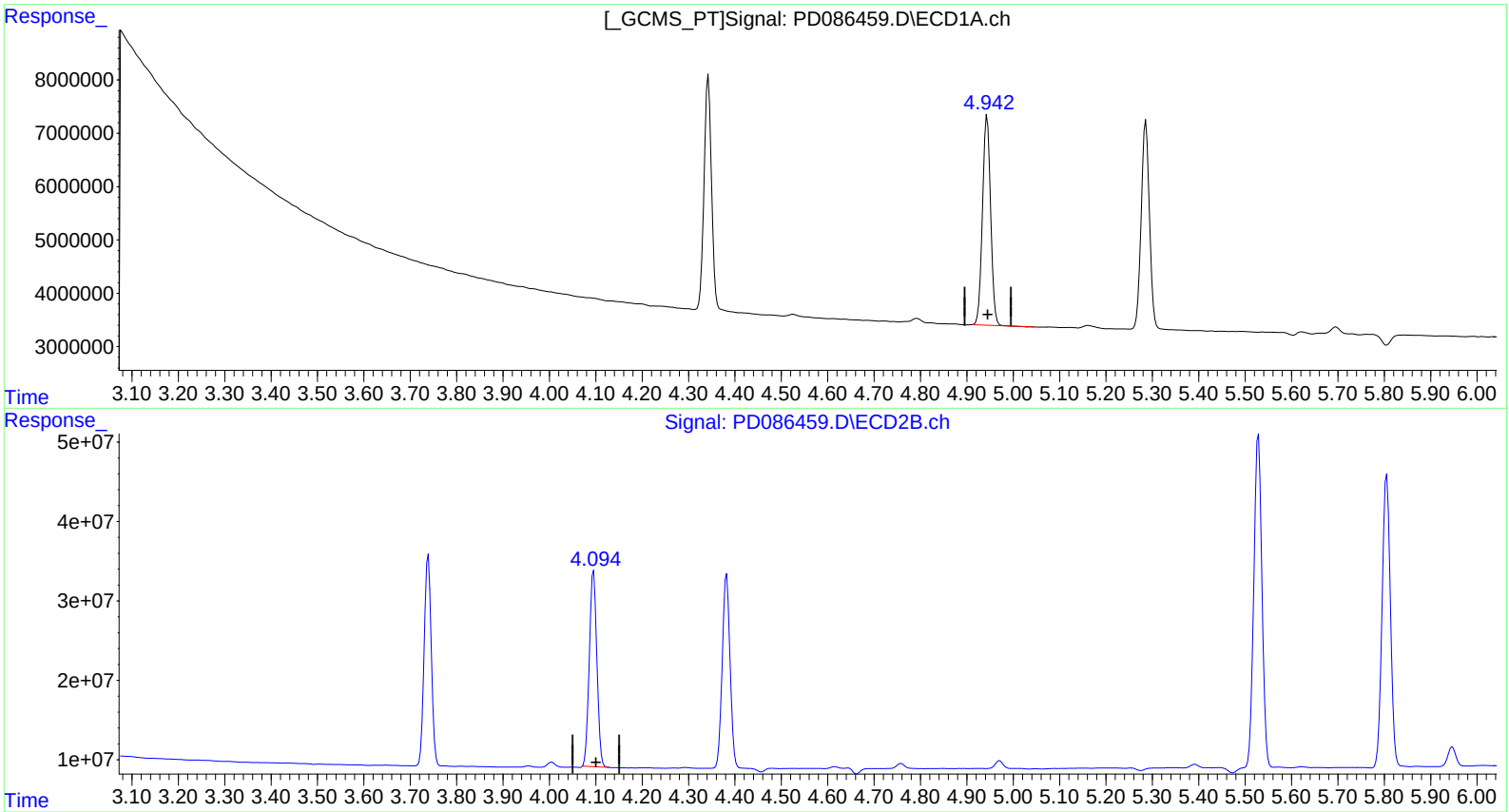
Instrument :
ECD_D
ClientSampleId :
PEST-GPC-BLANK-SPIKE

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :mohammad ahmed 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 21:17:23 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102524CLP.M
Quant Title : GC Extractables
QLast Update : Fri Oct 25 14:36:38 2024
Response via : Initial Calibration
Integrator: ChemStation

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



QEdit

(4) Heptachlor (MA)

4.944min 19.297 ng/ml

response 47703822

(4) Heptachlor #2 (MA)

4.095min 20.470 ng/ml

response 279663994

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110824\
Data File : PD086459.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 15:21
Operator : AR\AJ
Sample : P4676-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

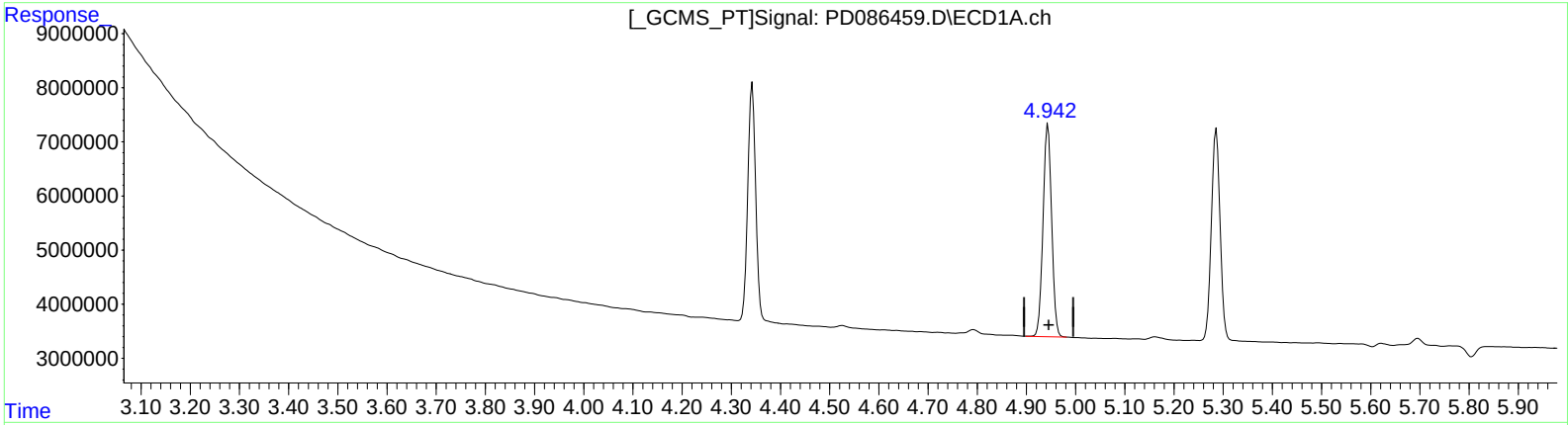
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 21:17:23 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102524CLP.M
Quant Title : GC Extractables
QLast Update : Fri Oct 25 14:36:38 2024
Response via : Initial Calibration
Integrator: ChemStation

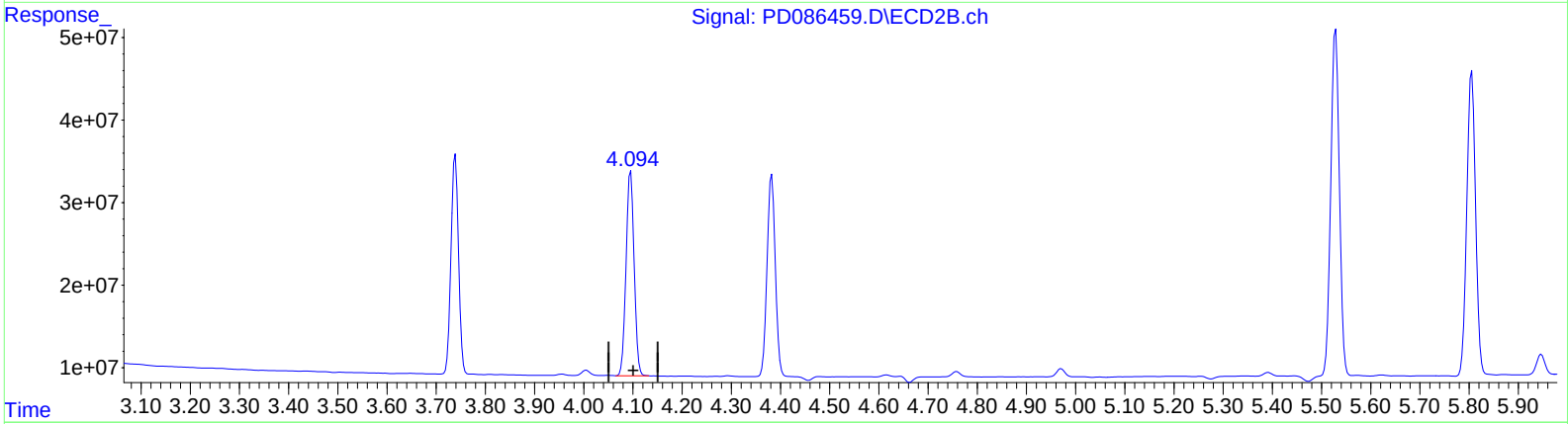
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

Instrument :
ECD_D
ClientSampleId :
PEST-GPC-BLANK-SPIKE

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :mohammad ahmed 11/11/2024





QEdit

(4) Heptachlor (MA)

4.942min 19.371 ng/ml m

response 47888296

(4) Heptachlor #2 (MA)

4.094min 20.749 ng/ml m

response 283466942

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110824\
Data File : PD086459.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 15:21
Operator : AR\AJ
Sample : P4676-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

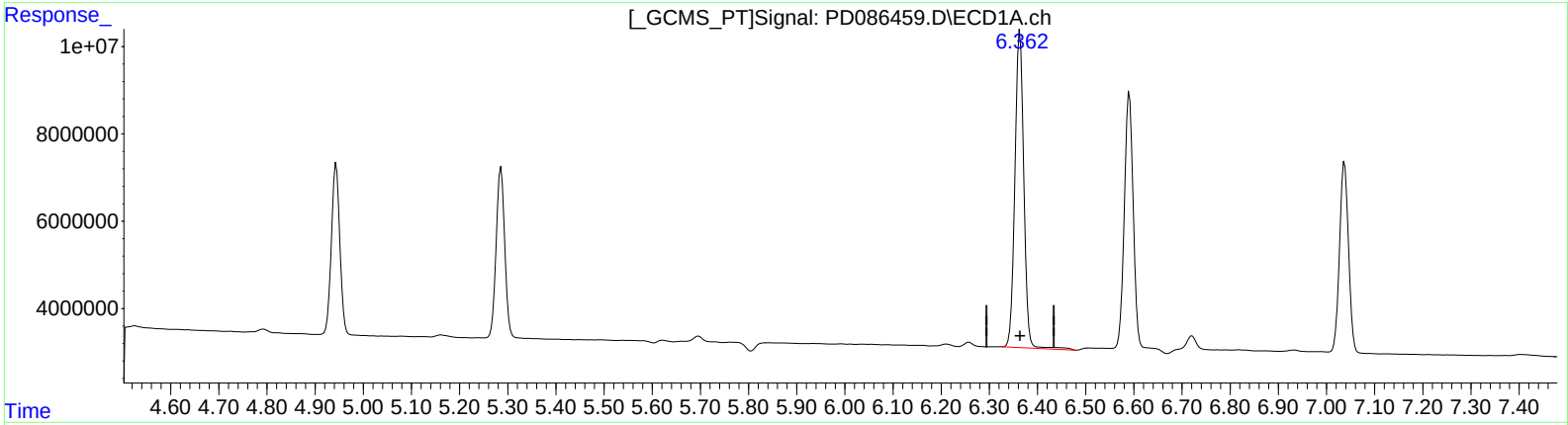
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 21:17:23 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102524CLP.M
Quant Title : GC Extractables
QLast Update : Fri Oct 25 14:36:38 2024
Response via : Initial Calibration
Integrator: ChemStation

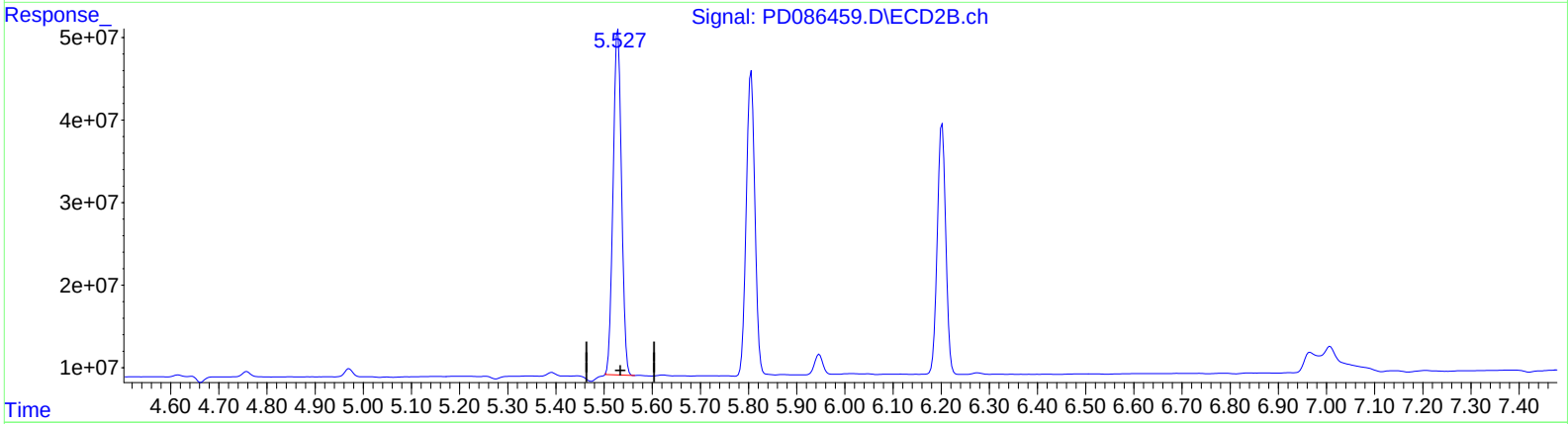
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

Instrument :
ECD_D
ClientSampleId :
PEST-GPC-BLANK-SPIKE

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :mohammad ahmed 11/11/2024





QEdit

(13) Dieldrin (MA)

6.363min 40.849 ng/ml

response 93174919

(13) Dieldrin #2 (MA)

5.529min 41.287 ng/ml

response 509374423

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110824\
Data File : PD086459.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 15:21
Operator : AR\AJ
Sample : P4676-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 21:17:23 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102524CLP.M
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Response via : Initial Calibration
Integrator: ChemStation

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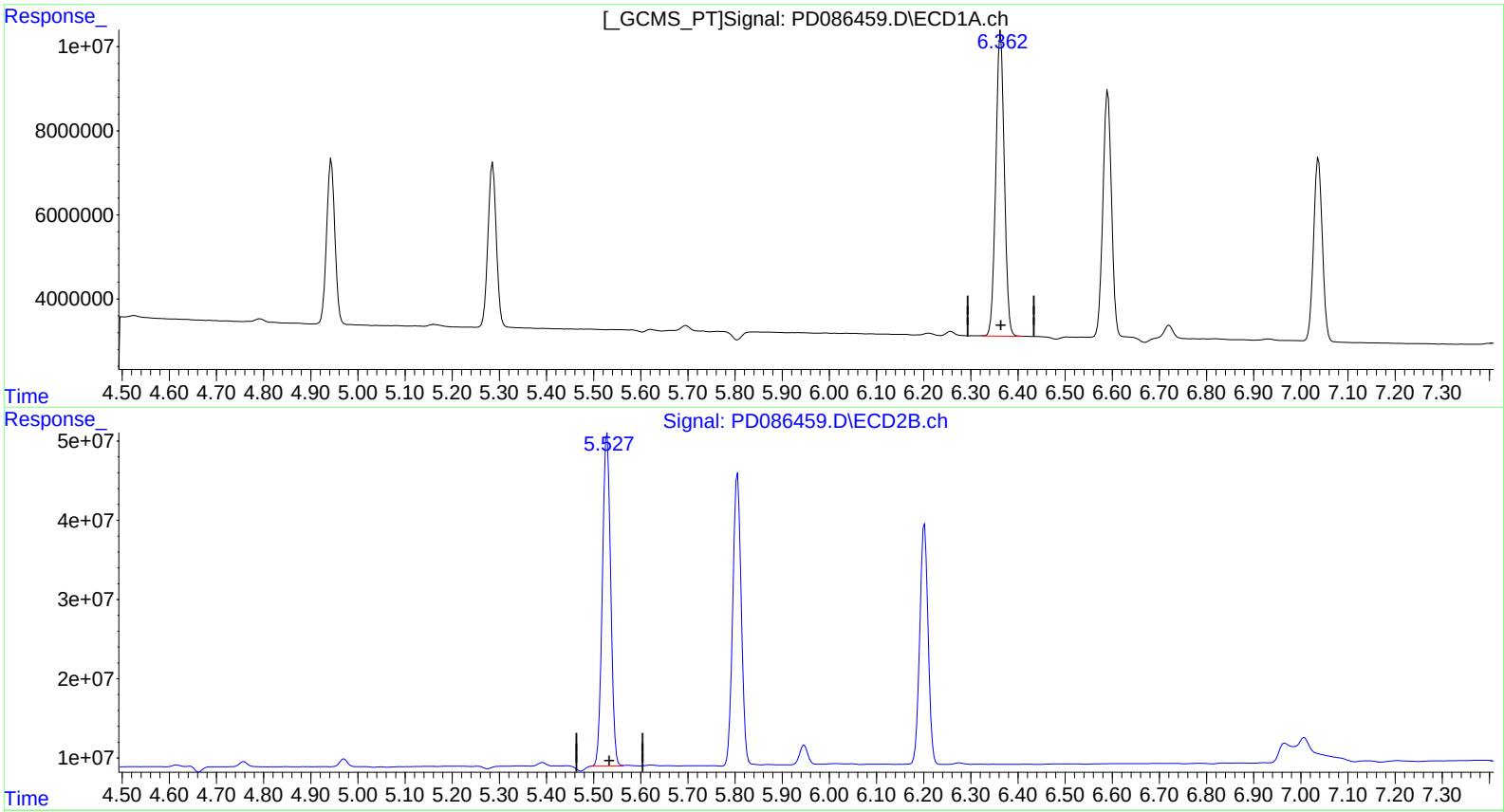
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

Instrument :
ECD_D
ClientSampleId :
PEST-GPC-BLANK-SPIKE

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :mohammad ahmed 11/11/2024



QEdit

(13) Dieldrin (MA)

6.362min 39.954 ng/ml m

response 91133521

(13) Dieldrin #2 (MA)

5.527min 41.756 ng/ml m

response 515165123

(+) = Expected Retention Time

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	11/01/24
Project:	Weekly Storage Blanks	Date Received:	11/01/24
Client Sample ID:	PEST-GPC2-BLANK	SDG No.:	P4676
Lab Sample ID:	P4676-11	Matrix:	SOIL
Analytical Method:	SFAM_PEST	% Solid:	100 Decanted:
Sample Wt/Vol:	10 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	2.0 PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD086460.D	1	11/04/24 10:37	11/08/24 15:47	PB164653

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.28	U	0.28	5.10	ug/kg
319-85-7	beta-BHC	0.45	U	0.45	5.10	ug/kg
319-86-8	delta-BHC	1.80	U	1.80	5.10	ug/kg
58-89-9	gamma-BHC (Lindane)	0.42	U	0.42	5.10	ug/kg
76-44-8	Heptachlor	0.90	U	0.90	5.10	ug/kg
309-00-2	Aldrin	0.39	U	0.39	5.10	ug/kg
1024-57-3	Heptachlor epoxide	0.39	U	0.39	5.10	ug/kg
959-98-8	Endosulfan I	0.39	U	0.39	5.10	ug/kg
60-57-1	Dieldrin	0.48	U	0.48	9.90	ug/kg
72-55-9	4,4-DDE	0.42	U	0.42	9.90	ug/kg
72-20-8	Endrin	0.42	U	0.42	9.90	ug/kg
33213-65-9	Endosulfan II	0.36	U	0.36	9.90	ug/kg
72-54-8	4,4-DDD	0.36	U	0.36	9.90	ug/kg
1031-07-8	Endosulfan Sulfate	0.66	U	0.66	9.90	ug/kg
50-29-3	4,4-DDT	0.66	U	0.66	9.90	ug/kg
72-43-5	Methoxychlor	0.75	U	0.75	51.0	ug/kg
53494-70-5	Endrin ketone	0.39	U	0.39	9.90	ug/kg
7421-93-4	Endrin Aldehyde	0.51	U	0.51	9.90	ug/kg
5103-71-9	cis-Chlordane	0.51	U	0.51	5.10	ug/kg
5103-74-2	trans-Chlordane	0.54	U	0.54	5.10	ug/kg
8001-35-2	Toxaphene	26.4	U	26.4	510	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	0	*	30 - 150	%	SPK: 20
2051-24-3	Decachlorobiphenyl	0	*	30 - 150	%	SPK: 40

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	11/01/24
Project:	Weekly Storage Blanks	Date Received:	11/01/24
Client Sample ID:	PEST-GPC2-BLANK	SDG No.:	P4676
Lab Sample ID:	P4676-11	Matrix:	SOIL
Analytical Method:	SFAM_PEST	% Solid:	100 Decanted:
Sample Wt/Vol:	10 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	2.0 PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD086460.D	1	11/04/24 10:37	11/08/24 15:47	PB164653

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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110824\
Data File : PD086460.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 15:47
Operator : AR\AJ
Sample : P4676-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEST-GPC2-BLANK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 21:17:42 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102524CLP.M
Quant Title : GC Extractables
QLast Update : Fri Oct 25 14:36:38 2024
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds

Target Compounds

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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110824\
Data File : PD086460.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 15:47
Operator : AR\AJ
Sample : P4676-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 21:17:42 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102524CLP.M
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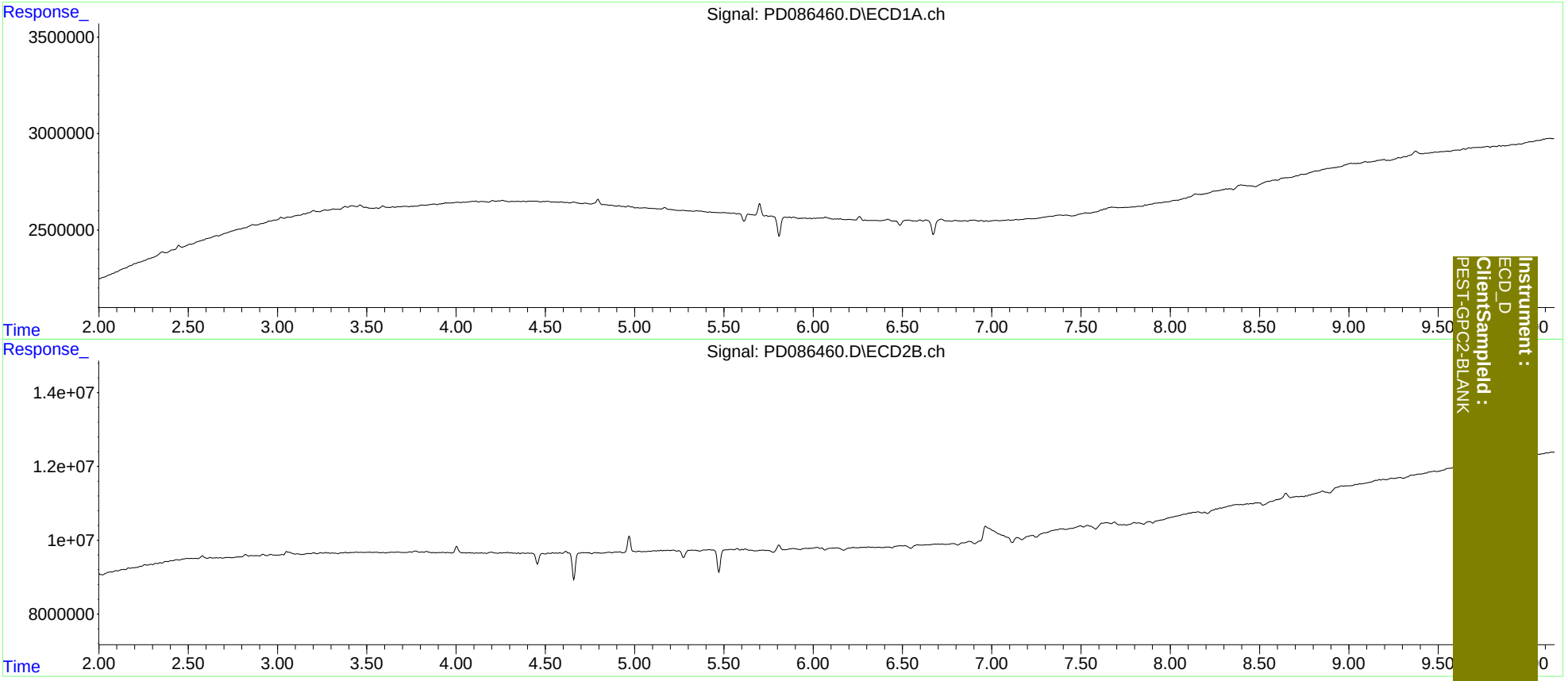


284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	11/01/24
Project:	Weekly Storage Blanks	Date Received:	11/01/24
Client Sample ID:	PEST-GPC2-BLANK-SPIKE	SDG No.:	P4676
Lab Sample ID:	P4676-12	Matrix:	SOIL
Analytical Method:	SFAM_PEST	% Solid:	100 Decanted:
Sample Wt/Vol:	10 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	2.0 PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD086461.D	1	11/04/24 10:37	11/08/24 16:01	PB164653

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.28	U	0.28	5.10	ug/kg
319-85-7	beta-BHC	0.45	U	0.45	5.10	ug/kg
319-86-8	delta-BHC	1.80	U	1.80	5.10	ug/kg
58-89-9	gamma-BHC (Lindane)	20.0		0.42	5.10	ug/kg
76-44-8	Heptachlor	19.0		0.90	5.10	ug/kg
309-00-2	Aldrin	20.0		0.39	5.10	ug/kg
1024-57-3	Heptachlor epoxide	0.39	U	0.39	5.10	ug/kg
959-98-8	Endosulfan I	0.39	U	0.39	5.10	ug/kg
60-57-1	Dieldrin	40.0		0.48	9.90	ug/kg
72-55-9	4,4-DDE	0.42	U	0.42	9.90	ug/kg
72-20-8	Endrin	39.0		0.42	9.90	ug/kg
33213-65-9	Endosulfan II	0.36	U	0.36	9.90	ug/kg
72-54-8	4,4-DDD	0.36	U	0.36	9.90	ug/kg
1031-07-8	Endosulfan Sulfate	0.66	U	0.66	9.90	ug/kg
50-29-3	4,4-DDT	34.0		0.66	9.90	ug/kg
72-43-5	Methoxychlor	0.75	U	0.75	51.0	ug/kg
53494-70-5	Endrin ketone	0.39	U	0.39	9.90	ug/kg
7421-93-4	Endrin Aldehyde	0.51	U	0.51	9.90	ug/kg
5103-71-9	cis-Chlordane	0.51	U	0.51	5.10	ug/kg
5103-74-2	trans-Chlordane	0.54	U	0.54	5.10	ug/kg
8001-35-2	Toxaphene	26.4	U	26.4	510	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	0	*	30 - 150	%	SPK: 20
2051-24-3	Decachlorobiphenyl	0	*	30 - 150	%	SPK: 40

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	11/01/24
Project:	Weekly Storage Blanks	Date Received:	11/01/24
Client Sample ID:	PEST-GPC2-BLANK-SPIKE	SDG No.:	P4676
Lab Sample ID:	P4676-12	Matrix:	SOIL
Analytical Method:	SFAM_PEST	% Solid:	100 Decanted:
Sample Wt/Vol:	10 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	2.0 PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD086461.D	1	11/04/24 10:37	11/08/24 16:01	PB164653

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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110824\
Data File : PD086461.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 16:01
Operator : AR\AJ
Sample : P4676-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEST-GPC2-BLANK-SPIKE

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :mohammad ahmed 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 21:18:03 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102524CLP.M
Quant Title : GC Extractables
QLast Update : Fri Oct 25 14:36:38 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
	Target Compounds						
3)	MA gamma-BHC...	4.341	3.739	48723766	281.3E6	19.584m	20.859
4)	MA Heptachlor	4.942	4.094	47255994	281.1E6	19.115m	20.577m
5)	MB Aldrin	5.286	4.382	47596103	283.7E6	19.638	20.912
13)	MA Dieldrin	6.362	5.528	91098503	506.6E6	39.939	41.061
14)	MA Endrin	6.590	5.804	73365026	453.5E6	39.031	40.353
17)	MA 4,4'-DDT	7.037	6.200	56273925	366.7E6	33.753	35.735

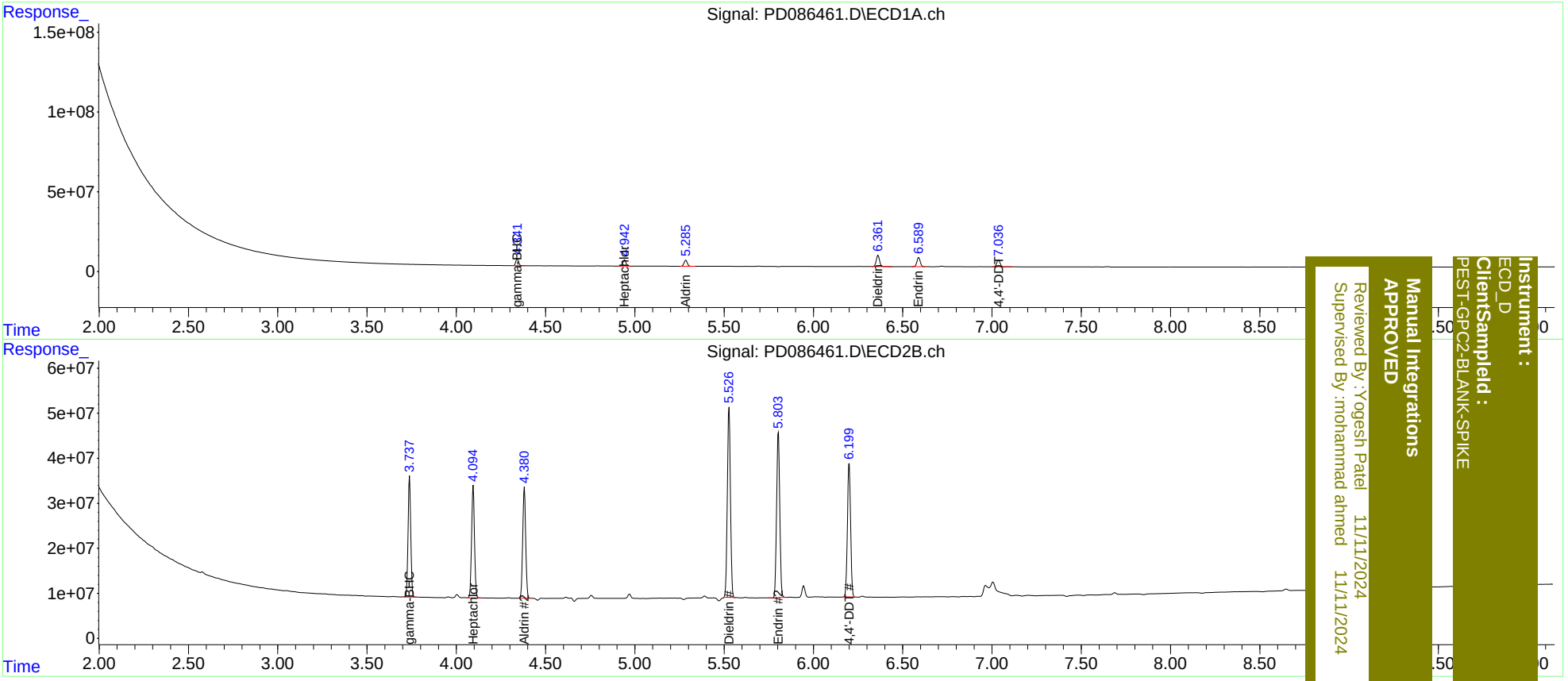
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110824\
Data File : PD086461.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 16:01
Operator : AR\AJ
Sample : P4676-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 21:18:03 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102524CLP.M
Quant Title : GC Extractables
QLast Update : Fri Oct 25 14:36:38 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/11/2024
Supervised By :mohammad ahmed 11/11/2024

Instrument :
ECD_D
ClientSampleId :
PEST-GPC2-BLANK-SPIKE

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110824\
Data File : PD086461.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 16:01
Operator : AR\AJ
Sample : P4676-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

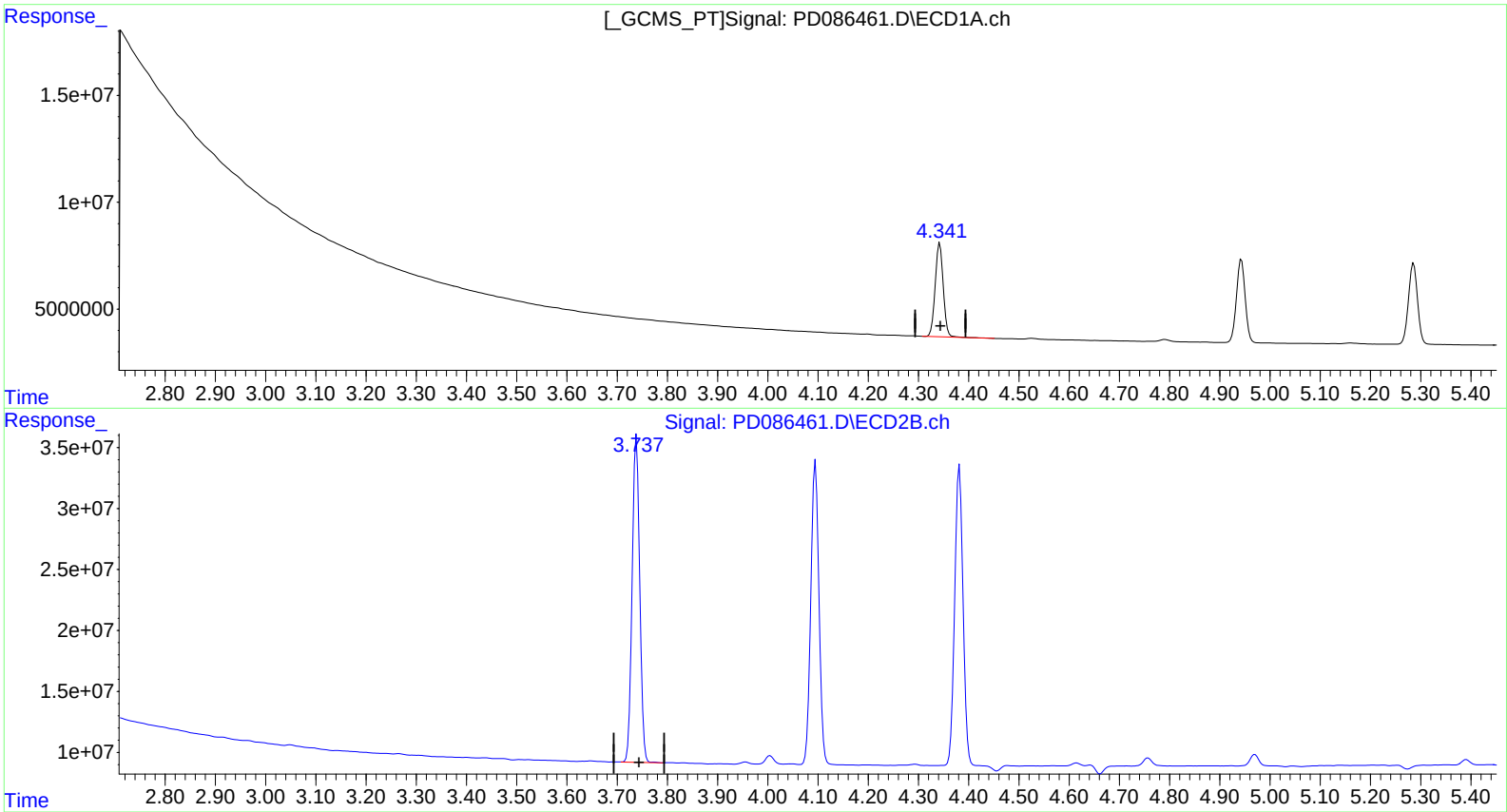
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 21:18:03 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102524CLP.M
Quant Title : GC Extractables
QLast Update : Fri Oct 25 14:36:38 2024
Response via : Initial Calibration
Integrator: ChemStation

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

Instrument :
ECD_D
ClientSampleId :
PEST-GPC2-BLANK-SPIKE

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :mohammad ahmed 11/11/2024



QEdit

(3) gamma-BHC (Lindane) (MA)

4.342min 19.701 ng/ml

response 49016177

(3) gamma-BHC (Lindane) #2 (MA)

3.739min 20.859 ng/ml

response 281333404

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110824\
Data File : PD086461.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 16:01
Operator : AR\AJ
Sample : P4676-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

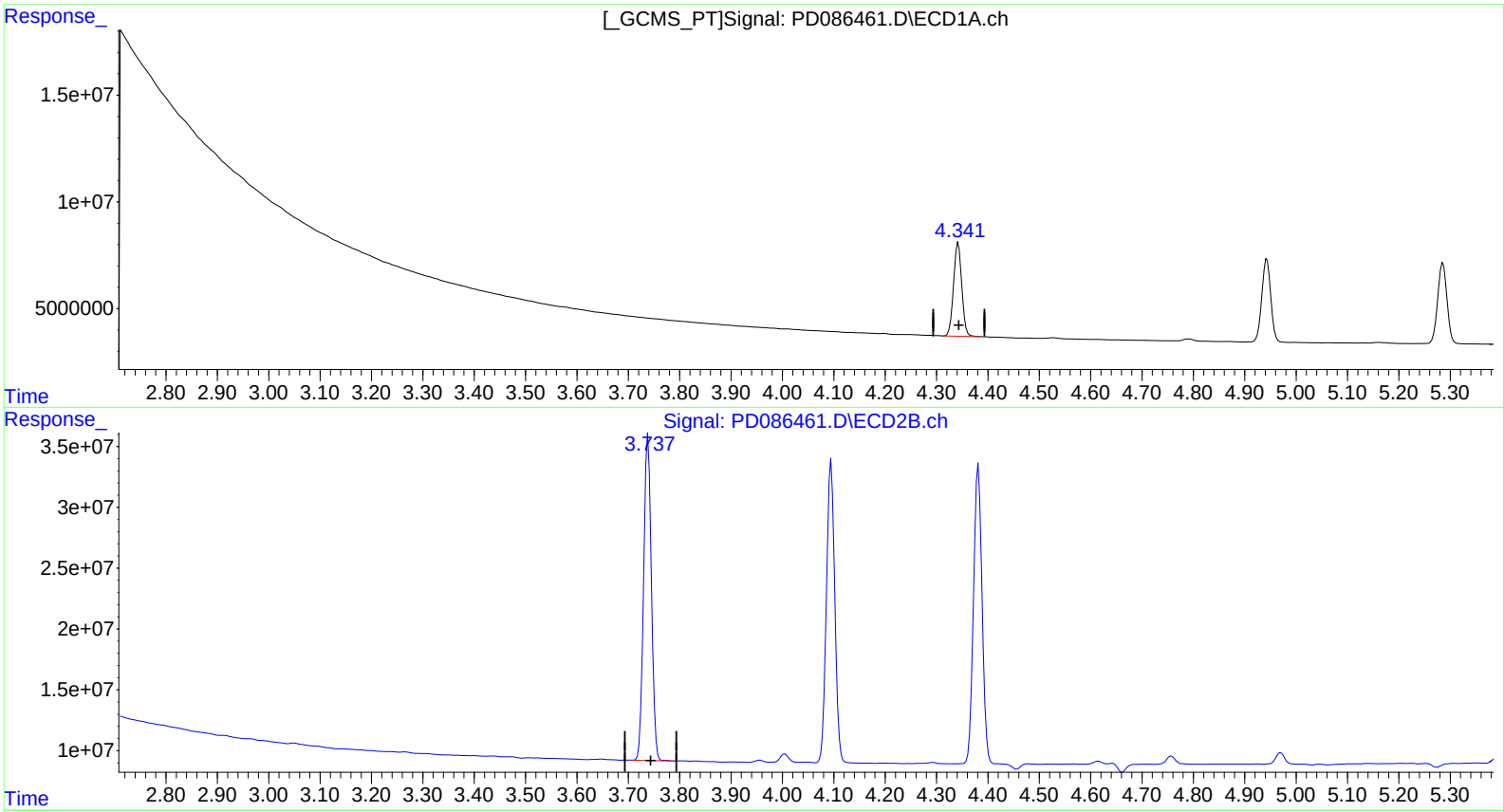
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 21:18:03 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102524CLP.M
Quant Title : GC Extractables
QLast Update : Fri Oct 25 14:36:38 2024
Response via : Initial Calibration
Integrator: ChemStation

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

Instrument :
ECD_D
ClientSampleId :
PEST-GPC2-BLANK-SPIKE

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :mohammad ahmed 11/11/2024



QEdit

(3) gamma-BHC (Lindane) (MA)

4.341min 19.584 ng/ml m

response 48723766

(3) gamma-BHC (Lindane) #2 (MA)

3.739min 20.859 ng/ml

response 281333404

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110824\
Data File : PD086461.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 16:01
Operator : AR\AJ
Sample : P4676-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

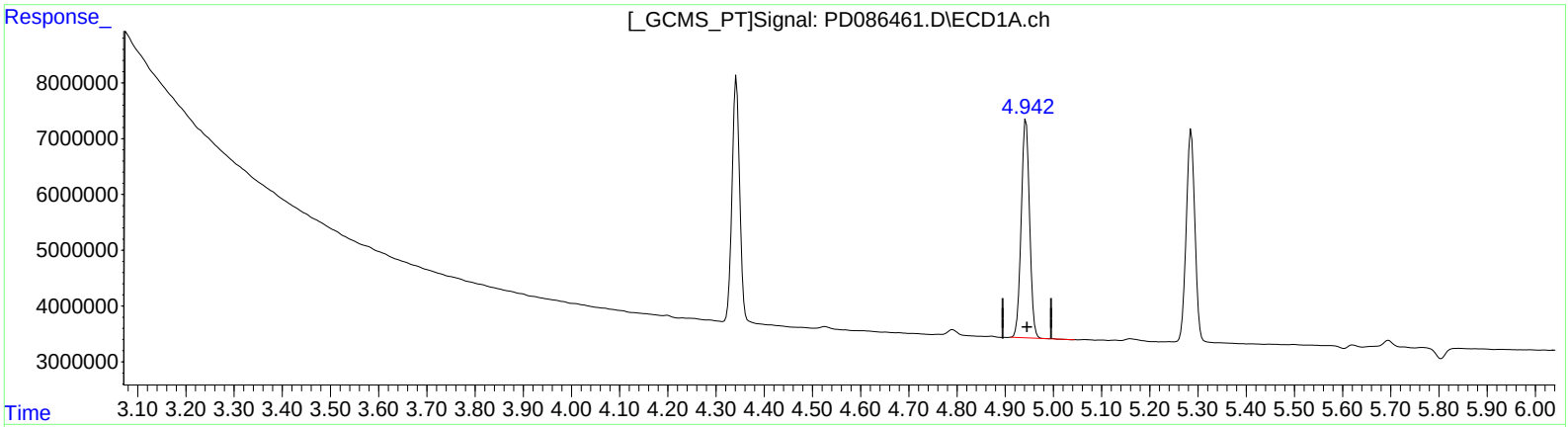
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 21:18:03 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102524CLP.M
Quant Title : GC Extractables
QLast Update : Fri Oct 25 14:36:38 2024
Response via : Initial Calibration
Integrator: ChemStation

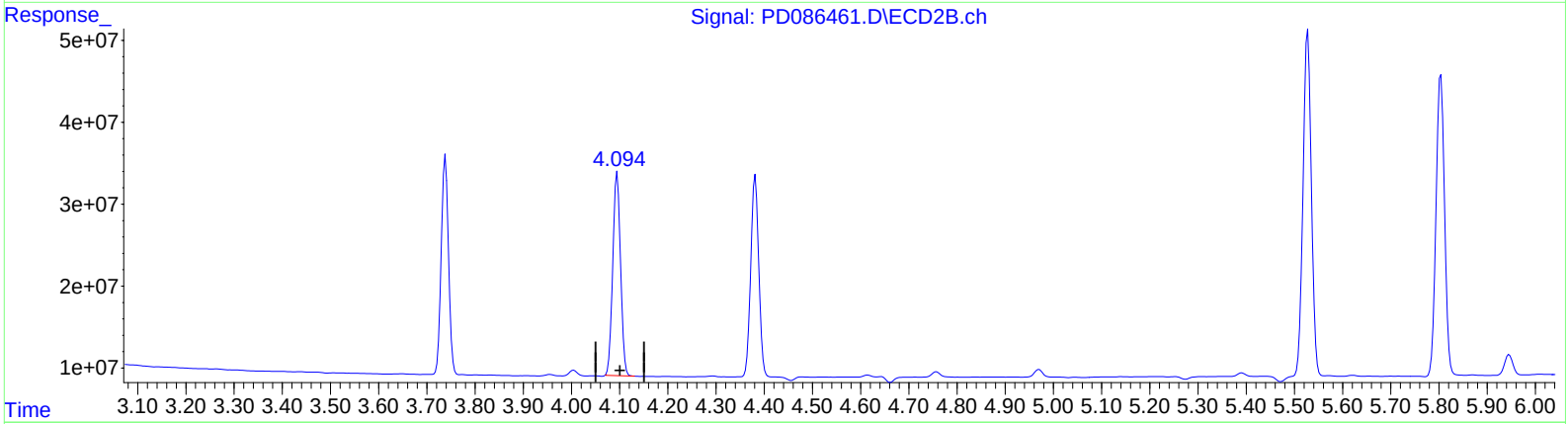
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

Instrument :
ECD_D
ClientSampleId :
PEST-GPC2-BLANK-SPIKE

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :mohammad ahmed 11/11/2024





QEdit

(4) Heptachlor (MA)

4.943min 19.035 ng/ml

response 47057364

(4) Heptachlor #2 (MA)

4.095min 20.349 ng/ml

response 278009277

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110824\
Data File : PD086461.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 16:01
Operator : AR\AJ
Sample : P4676-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

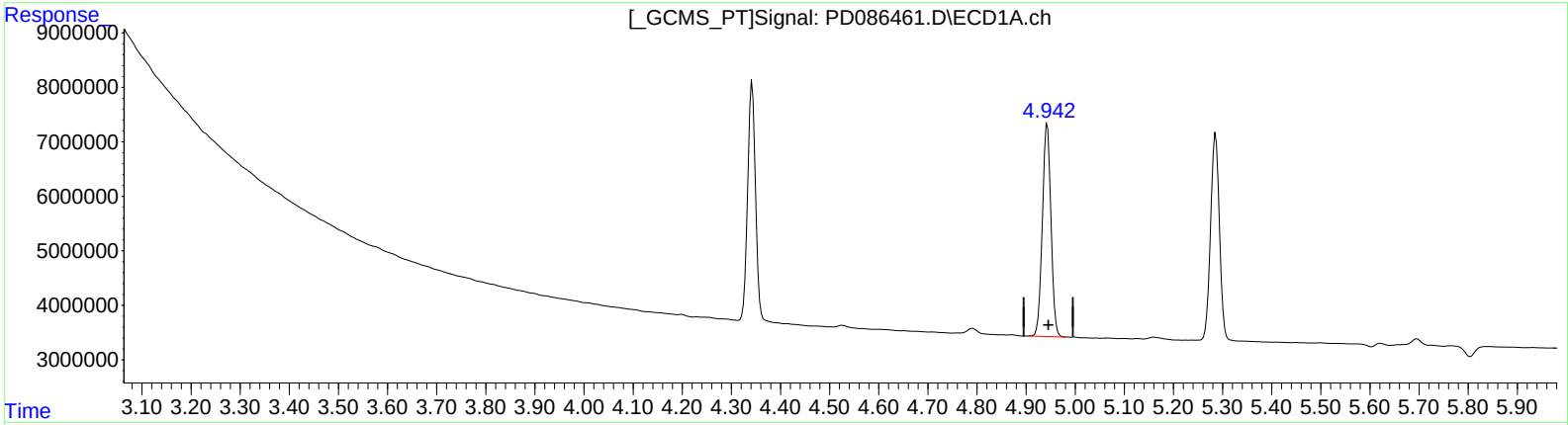
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 21:18:03 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102524CLP.M
Quant Title : GC Extractables
QLast Update : Fri Oct 25 14:36:38 2024
Response via : Initial Calibration
Integrator: ChemStation

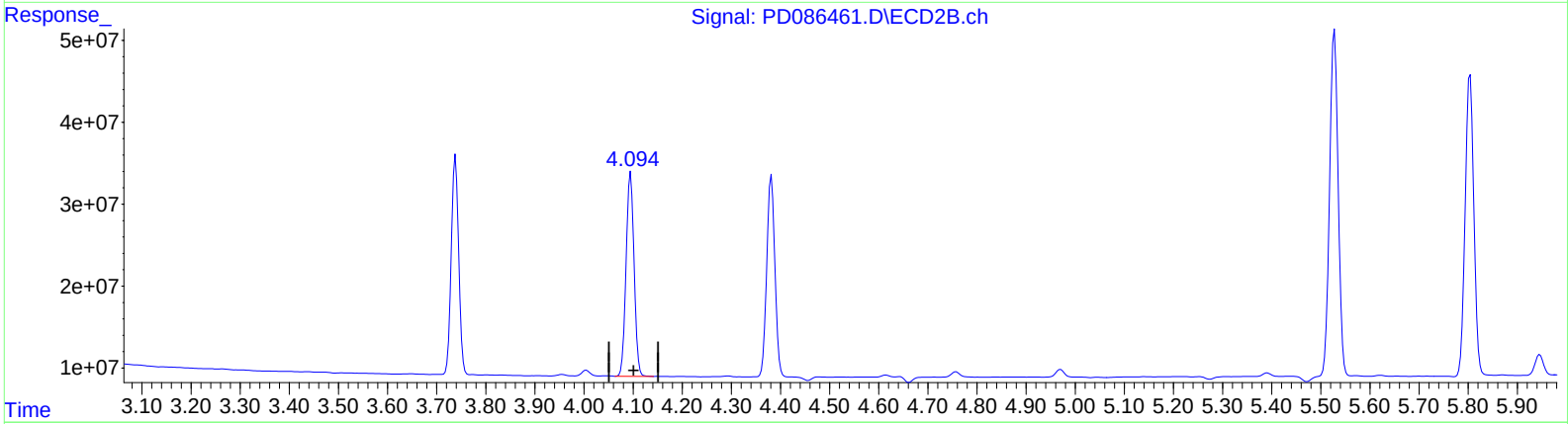
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

Instrument :
ECD_D
ClientSampleId :
PEST-GPC2-BLANK-SPIKE

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :mohammad ahmed 11/11/2024





QEdit

(4) Heptachlor (MA)

4.942min 19.115 ng/ml m

response 47255994

(4) Heptachlor #2 (MA)

4.094min 20.577 ng/ml m

response 281121530

(+) = Expected Retention Time

CALIBRATION SUMMARY

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

Analytical Sequence

Client: Chemtech Consulting Group **SDG No.:** P4676

Project: Weekly Storage Blanks **Instrument ID:** ECD_D

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/25/2024 10/25/2024

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

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
PEST-GPC-BLANK	P4676-06	11/08/2024	15:07	PD086458.D	0.00	0.00
PEST-GPC-BLANK-SPIKE	P4676-07	11/08/2024	15:21	PD086459.D	0.00	0.00
PEST-GPC2-BLANK	P4676-11	11/08/2024	15:47	PD086460.D	0.00	0.00
PEST-GPC2-BLANK-SPIKE	P4676-12	11/08/2024	16:01	PD086461.D	0.00	0.00

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

Analytical Sequence

Client: Chemtech Consulting Group **SDG No.:** P4676

Project: Weekly Storage Blanks **Instrument ID:** ECD_D

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/25/2024 10/25/2024

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

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
PEST-GPC-BLANK	P4676-06	11/08/2024	15:07	PD086458.D	0.00	0.00
PEST-GPC-BLANK-SPIKE	P4676-07	11/08/2024	15:21	PD086459.D	0.00	0.00
PEST-GPC2-BLANK	P4676-11	11/08/2024	15:47	PD086460.D	0.00	0.00
PEST-GPC2-BLANK-SPIKE	P4676-12	11/08/2024	16:01	PD086461.D	0.00	0.00

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

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PEST-GPC2-BLANK-SPIKE

Contract: CHEM02

Lab Code: CHEM **Case No.:** P4676 **SAS No.:** P4676 **SDG NO.:** P4676

Lab Sample ID: P4676-12 **Date(s) Analyzed:** 11/08/2024 11/08/2024

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

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
gamma-BHC (Lindane)	1	4.34	4.29	4.39	20.0	6.5
	2	3.74	3.69	3.79	21.0	
Heptachlor	1	4.94	4.89	4.99	19.0	7.6
	2	4.09	4.04	4.14	21.0	
Aldrin	1	5.29	5.24	5.34	20.0	6.5
	2	4.38	4.33	4.43	21.0	
Dieldrin	1	6.36	6.31	6.41	40.0	2.8
	2	5.53	5.48	5.58	41.0	
Endrin	1	6.59	6.54	6.64	39.0	3.4
	2	5.80	5.75	5.85	40.0	
4,4'-DDT	1	7.04	6.99	7.09	34.0	5.9
	2	6.20	6.15	6.25	36.0	

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

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PEST-GPC-BLANK-SPIKE

Contract: CHEM02

Lab Code: CHEM **Case No.:** P4676 **SAS No.:** P4676 **SDG NO.:** P4676

Lab Sample ID: P4676-07 **Date(s) Analyzed:** 11/08/2024 11/08/2024

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

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
gamma-BHC (Lindane)	1	4.34	4.29	4.39	9.80	6.8
	2	3.74	3.69	3.79	11.0	
Heptachlor	1	4.94	4.89	4.99	9.70	7.1
	2	4.09	4.04	4.14	10.0	
Aldrin	1	5.29	5.24	5.34	10.0	5.5
	2	4.38	4.33	4.43	11.0	
Dieldrin	1	6.36	6.31	6.41	20.0	4.5
	2	5.53	5.48	5.58	21.0	
Endrin	1	6.59	6.54	6.64	20.0	3.6
	2	5.81	5.76	5.86	21.0	
4,4'-DDT	1	7.04	6.99	7.09	17.0	5.8
	2	6.20	6.15	6.25	18.0	

QC SAMPLE DATA

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

Manual Integration Report

Sequence:	PD102524	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
INDB101	PD086207.D	cis-Chlordane	Abdul	10/28/2024 9:25:09 AM	Ankita	10/28/2024 10:43:18	Peak Integrated by Software
INDB101	PD086207.D	Decachlorobiphenyl	Abdul	10/28/2024 9:25:09 AM	Ankita	10/28/2024 10:43:18	Peak Integrated by Software
INDB101	PD086207.D	delta-BHC	Abdul	10/28/2024 9:25:09 AM	Ankita	10/28/2024 10:43:18	Peak Integrated by Software
INDB101	PD086207.D	Endosulfan Sulfate	Abdul	10/28/2024 9:25:09 AM	Ankita	10/28/2024 10:43:18	Peak Integrated by Software
INDB101	PD086207.D	Endrin ketone	Abdul	10/28/2024 9:25:09 AM	Ankita	10/28/2024 10:43:18	Peak Integrated by Software
INDB101	PD086207.D	Tetrachloro-m-xylene	Abdul	10/28/2024 9:25:09 AM	Ankita	10/28/2024 10:43:18	Peak Integrated by Software
PEM033	PD086217.D	4,4"-DDD	Abdul	10/28/2024 9:25:21 AM	Ankita	10/28/2024 10:43:20	Peak Integrated by Software
PEM033	PD086217.D	Endrin	Abdul	10/28/2024 9:25:21 AM	Ankita	10/28/2024 10:43:20	Peak Integrated by Software
PEM033	PD086217.D	Methoxychlor	Abdul	10/28/2024 9:25:21 AM	Ankita	10/28/2024 10:43:20	Peak Integrated by Software

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

Manual Integration Report

Sequence:	pd110824	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM046	PD086448.D	4,4"-DDE	yogesh	11/11/2024 12:20:15 AM	mohammad	11/11/2024 12:30:01	Peak Integrated by Software
PEM046	PD086448.D	4,4"-DDE #2	yogesh	11/11/2024 12:20:15 AM	mohammad	11/11/2024 12:30:01	Peak Integrated by Software
P4676-07	PD086459.D	Dieldrin	yogesh	11/11/2024 12:21:15 AM	mohammad	11/11/2024 12:31:52	Peak Integrated by Software
P4676-07	PD086459.D	Dieldrin #2	yogesh	11/11/2024 12:21:15 AM	mohammad	11/11/2024 12:31:52	Peak Integrated by Software
P4676-07	PD086459.D	gamma-BHC (Lindane)	yogesh	11/11/2024 12:21:15 AM	mohammad	11/11/2024 12:31:52	Peak Integrated by Software
P4676-07	PD086459.D	gamma-BHC (Lindane) #2	yogesh	11/11/2024 12:21:15 AM	mohammad	11/11/2024 12:31:52	Peak Integrated by Software
P4676-07	PD086459.D	Heptachlor	yogesh	11/11/2024 12:21:15 AM	mohammad	11/11/2024 12:31:52	Peak Integrated by Software
P4676-07	PD086459.D	Heptachlor #2	yogesh	11/11/2024 12:21:15 AM	mohammad	11/11/2024 12:31:52	Peak Integrated by Software
P4676-12	PD086461.D	gamma-BHC (Lindane)	yogesh	11/11/2024 12:21:17 AM	mohammad	11/11/2024 12:31:57	Peak Integrated by Software
P4676-12	PD086461.D	Heptachlor	yogesh	11/11/2024 12:21:17 AM	mohammad	11/11/2024 12:31:57	Peak Integrated by Software
P4676-12	PD086461.D	Heptachlor #2	yogesh	11/11/2024 12:21:17 AM	mohammad	11/11/2024 12:31:57	Peak Integrated by Software
INDA315	PD086463.D	Heptachlor #2	yogesh	11/11/2024 12:21:19 AM	mohammad	11/11/2024 12:32:01	Peak Integrated by Software
INDB315	PD086464.D	beta-BHC #2	yogesh	11/11/2024 12:21:21 AM	mohammad	11/11/2024 12:32:05	Peak Integrated by Software

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

Manual Integration Report

Sequence:	pd110824	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
INDB315	PD086464.D	Heptachlor epoxide #2	yogesh	11/11/2024 12:21:21 AM	mohammad	11/11/2024 12:32:05	Peak Integrated by Software
PEM047	PD086482.D	4,4"-DDE	yogesh	11/11/2024 12:22:25 AM	mohammad	11/11/2024 12:33:25	Peak Integrated by Software
PEM047	PD086482.D	4,4"-DDE #2	yogesh	11/11/2024 12:22:25 AM	mohammad	11/11/2024 12:33:25	Peak Integrated by Software
PEM047	PD086482.D	4,4"-DDT	yogesh	11/11/2024 12:22:25 AM	mohammad	11/11/2024 12:33:25	Peak Integrated by Software
PEM047	PD086482.D	4,4"-DDT #2	yogesh	11/11/2024 12:22:25 AM	mohammad	11/11/2024 12:33:25	Peak Integrated by Software
PEM047	PD086482.D	Endrin ketone	yogesh	11/11/2024 12:22:25 AM	mohammad	11/11/2024 12:33:25	Peak Integrated by Software
PEM047	PD086482.D	Endrin ketone #2	yogesh	11/11/2024 12:22:25 AM	mohammad	11/11/2024 12:33:25	Peak Integrated by Software
INDA316	PD086510.D	Heptachlor #2	yogesh	11/11/2024 12:22:53 AM	mohammad	11/11/2024 12:34:10	Peak Integrated by Software
INDA316	PD086510.D	Methoxychlor	yogesh	11/11/2024 12:22:53 AM	mohammad	11/11/2024 12:34:10	Peak Integrated by Software
INDA316	PD086510.D	Methoxychlor #2	yogesh	11/11/2024 12:22:53 AM	mohammad	11/11/2024 12:34:10	Peak Integrated by Software
INDB316	PD086511.D	delta-BHC #2	yogesh	11/11/2024 12:22:55 AM	mohammad	11/11/2024 12:34:14	Peak Integrated by Software
INDB316	PD086511.D	Endrin aldehyde #2	yogesh	11/11/2024 12:22:55 AM	mohammad	11/11/2024 12:34:14	Peak Integrated by Software
INDB316	PD086511.D	Heptachlor epoxide #2	yogesh	11/11/2024 12:22:55 AM	mohammad	11/11/2024 12:34:14	Peak Integrated by Software

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

Manual Integration Report

Sequence:	pd110824	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD102524

Review By	Abdul	Review On	10/28/2024 9:25:51 AM		
Supervise By	Ankita	Supervise On	10/28/2024 10:43:25 AM		
SubDirectory	PD102524	HP Acquire Method		HP Processing Method	pd102524clp

STD. NAME	STD REF.#
Tune/Reschk	PP23732,PP23622
Initial Calibration Stds	PP23731,PP23730,PP23729,PP23728,PP23727,PP23718,PP23724,PP23717,PP23723,PP23716,PP23722,PP23715,PP23721,PP23714,PP23720
CCC	PP23716,PP23722,PP23729
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PD086198.D	25 Oct 2024 02:36	AR\AJ	Ok
2	RESC051	PD086199.D	25 Oct 2024 10:23	AR\AJ	Ok
3	PEM032	PD086200.D	25 Oct 2024 10:36	AR\AJ	Ok
4	TOXAPH101	PD086201.D	25 Oct 2024 10:49	AR\AJ	Ok
5	TOXAPH201	PD086202.D	25 Oct 2024 11:02	AR\AJ	Ok
6	TOXAPH301	PD086203.D	25 Oct 2024 11:16	AR\AJ	Ok
7	TOXAPH401	PD086204.D	25 Oct 2024 11:29	AR\AJ	Ok
8	TOXAPH501	PD086205.D	25 Oct 2024 11:42	AR\AJ	Ok
9	INDA101	PD086206.D	25 Oct 2024 11:55	AR\AJ	Ok
10	INDB101	PD086207.D	25 Oct 2024 12:09	AR\AJ	Ok,M
11	INDA201	PD086208.D	25 Oct 2024 12:22	AR\AJ	Ok
12	INDB201	PD086209.D	25 Oct 2024 12:35	AR\AJ	Ok
13	INDA301	PD086210.D	25 Oct 2024 12:48	AR\AJ	Ok
14	INDB301	PD086211.D	25 Oct 2024 13:02	AR\AJ	Ok
15	INDA401	PD086212.D	25 Oct 2024 13:15	AR\AJ	Ok
16	INDB401	PD086213.D	25 Oct 2024 13:28	AR\AJ	Ok
17	INDA501	PD086214.D	25 Oct 2024 13:41	AR\AJ	Ok
18	INDB501	PD086215.D	25 Oct 2024 13:55	AR\AJ	Ok
19	PIBLK194	PD086216.D	25 Oct 2024 14:08	AR\AJ	Ok
20	PEM033	PD086217.D	25 Oct 2024 14:55	AR\AJ	Ok,M

M : Manual Integration

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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD110824

Review By	yogesh	Review On	11/11/2024 12:23:08 AM		
Supervise By	mohammad	Supervise On	11/11/2024 12:34:38 AM		
SubDirectory	PD110824	HP Acquire Method		HP Processing Method	pd102524clp

STD. NAME	STD REF.#
Tune/Reschk	PP23732,PP23622
Initial Calibration Stds	PP23731,PP23730,PP23729,PP23728,PP23727,PP23718,PP23724,PP23717,PP23723,PP23716,PP23722,PP23715,PP23721,PP23714,PP23720
CCC	PP23716,PP23722,PP23729
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PD086446.D	08 Nov 2024 11:19	AR\AJ	Ok
2	PIBLK017	PD086447.D	08 Nov 2024 11:33	AR\AJ	Ok
3	PEM046	PD086448.D	08 Nov 2024 12:03	AR\AJ	Ok,M
4	PB164745BL	PD086449.D	08 Nov 2024 12:17	AR\AJ	Ok
5	PB164745BS	PD086450.D	08 Nov 2024 12:32	AR\AJ	Ok,M
6	P4636-01	PD086451.D	08 Nov 2024 12:46	AR\AJ	Ok,M
7	P4636-02	PD086452.D	08 Nov 2024 13:00	AR\AJ	Ok,M
8	P4636-03MS	PD086453.D	08 Nov 2024 13:14	AR\AJ	Ok,M
9	P4636-04MSD	PD086454.D	08 Nov 2024 13:28	AR\AJ	Ok,M
10	P4636-05	PD086455.D	08 Nov 2024 13:42	AR\AJ	Ok,M
11	P4636-06	PD086456.D	08 Nov 2024 13:56	AR\AJ	Dilution
12	P4634-07	PD086457.D	08 Nov 2024 14:10	AR\AJ	Not Ok
13	P4676-06	PD086458.D	08 Nov 2024 15:07	AR\AJ	Ok
14	P4676-07	PD086459.D	08 Nov 2024 15:21	AR\AJ	Ok,M
15	P4676-11	PD086460.D	08 Nov 2024 15:47	AR\AJ	Ok
16	P4676-12	PD086461.D	08 Nov 2024 16:01	AR\AJ	Ok,M
17	PIBLK018	PD086462.D	08 Nov 2024 16:15	AR\AJ	Ok
18	INDA315	PD086463.D	08 Nov 2024 17:11	AR\AJ	Ok,M
19	INDB315	PD086464.D	08 Nov 2024 17:25	AR\AJ	Ok,M
20	P4636-07	PD086465.D	08 Nov 2024 17:39	AR\AJ	Ok,M
21	P4636-08	PD086466.D	08 Nov 2024 17:53	AR\AJ	Ok,M

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD110824

Review By	yogesh	Review On	11/11/2024 12:23:08 AM		
Supervise By	mohammad	Supervise On	11/11/2024 12:34:38 AM		
SubDirectory	PD110824	HP Acquire Method		HP Processing Method	pd102524clp

STD. NAME	STD REF.#
Tune/Reschk	PP23732,PP23622
Initial Calibration Stds	PP23731,PP23730,PP23729,PP23728,PP23727,PP23718,PP23724,PP23717,PP23723,PP23716,PP23722,PP23715,PP23721,PP23714,PP23720
CCC	PP23716,PP23722,PP23729
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	P4636-09	PD086467.D	08 Nov 2024 18:07	AR\AJ	Ok,M
23	P4636-10	PD086468.D	08 Nov 2024 18:26	AR\AJ	Ok,M
24	P4636-11	PD086469.D	08 Nov 2024 18:40	AR\AJ	Not Ok
25	P4636-12	PD086470.D	08 Nov 2024 18:54	AR\AJ	Ok,M
26	P4636-13	PD086471.D	08 Nov 2024 19:08	AR\AJ	Ok,M
27	P4636-14	PD086472.D	08 Nov 2024 19:22	AR\AJ	Ok,M
28	P4636-15	PD086473.D	08 Nov 2024 19:36	AR\AJ	Ok,M
29	P4636-16	PD086474.D	08 Nov 2024 19:50	AR\AJ	Dilution
30	P4636-17	PD086475.D	08 Nov 2024 20:04	AR\AJ	Ok,M
31	P4636-18	PD086476.D	08 Nov 2024 20:18	AR\AJ	Ok,M
32	P4636-19	PD086477.D	08 Nov 2024 20:33	AR\AJ	Ok,M
33	P4637-01	PD086478.D	08 Nov 2024 20:47	AR\AJ	Ok,M
34	P4637-02MS	PD086479.D	08 Nov 2024 21:01	AR\AJ	Ok,M
35	P4637-03MSD	PD086480.D	08 Nov 2024 21:15	AR\AJ	Ok,M
36	PIBLK019	PD086481.D	08 Nov 2024 21:29	AR\AJ	Ok
37	PEM047	PD086482.D	08 Nov 2024 21:43	AR\AJ	Ok,M
38	PB164775BL	PD086483.D	08 Nov 2024 21:57	AR\AJ	Ok
39	PB164775BS	PD086484.D	08 Nov 2024 22:11	AR\AJ	Ok,M
40	P4687-01	PD086485.D	08 Nov 2024 22:25	AR\AJ	Ok
41	P4687-02	PD086486.D	08 Nov 2024 22:40	AR\AJ	Ok
42	P4687-03	PD086487.D	08 Nov 2024 22:54	AR\AJ	Ok,M
43	P4687-05	PD086489.D	08 Nov 2024 23:08	AR\AJ	Ok
44	P4687-06	PD086490.D	08 Nov 2024 23:22	AR\AJ	Ok,M

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD110824

Review By	yogesh	Review On	11/11/2024 12:23:08 AM		
Supervise By	mohammad	Supervise On	11/11/2024 12:34:38 AM		
SubDirectory	PD110824	HP Acquire Method		HP Processing Method	pd102524clp

STD. NAME	STD REF.#
Tune/Reschk	PP23732,PP23622
Initial Calibration Stds	PP23731,PP23730,PP23729,PP23728,PP23727,PP23718,PP23724,PP23717,PP23723,PP23716,PP23722,PP23715,PP23721,PP23714,PP23720
CCC	PP23716,PP23722,PP23729
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

45	P4687-08	PD086492.D	08 Nov 2024 23:36	AR\AJ	Ok
46	P4687-09	PD086493.D	08 Nov 2024 23:50	AR\AJ	Ok
47	P4687-10	PD086494.D	09 Nov 2024 00:04	AR\AJ	Ok
48	P4687-11	PD086495.D	09 Nov 2024 00:18	AR\AJ	Ok,M
49	P4687-12	PD086496.D	09 Nov 2024 00:32	AR\AJ	Ok,M
50	P4687-13	PD086497.D	09 Nov 2024 00:47	AR\AJ	Ok,M
51	P4687-14	PD086498.D	09 Nov 2024 01:01	AR\AJ	Ok
52	P4687-15	PD086499.D	09 Nov 2024 01:15	AR\AJ	Ok
53	P4687-16	PD086500.D	09 Nov 2024 01:29	AR\AJ	Ok,M
54	P4687-17	PD086501.D	09 Nov 2024 01:43	AR\AJ	Ok
55	P4687-18MS	PD086502.D	09 Nov 2024 01:57	AR\AJ	Ok,M
56	P4687-19MSD	PD086503.D	09 Nov 2024 02:11	AR\AJ	Ok,M
57	P4687-21	PD086504.D	09 Nov 2024 02:25	AR\AJ	Ok
58	P4687-22	PD086505.D	09 Nov 2024 02:39	AR\AJ	Ok
59	P4687-23	PD086506.D	09 Nov 2024 02:53	AR\AJ	Ok
60	P4687-24	PD086507.D	09 Nov 2024 03:08	AR\AJ	Ok,M
61	P4687-25	PD086508.D	09 Nov 2024 03:22	AR\AJ	Ok
62	PIBLK020	PD086509.D	09 Nov 2024 03:36	AR\AJ	Ok
63	INDA316	PD086510.D	09 Nov 2024 03:50	AR\AJ	Ok,M
64	INDB316	PD086511.D	09 Nov 2024 04:04	AR\AJ	Ok,M

M : Manual Integration

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD102524

Review By	Abdul	Review On	10/28/2024 9:25:51 AM		
Supervise By	Ankita	Supervise On	10/28/2024 10:43:25 AM		
SubDirectory	PD102524	HP Acquire Method		HP Processing Method	pd102524clp

STD. NAME	STD REF.#
Tune/Reschk	PP23732,PP23622
Initial Calibration Stds	PP23731,PP23730,PP23729,PP23728,PP23727,PP23718,PP23724,PP23717,PP23723,PP23716,PP23722,PP23715,PP23721,PP23714,PP23720
CCC	PP23716,PP23722,PP23729
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PD086198.D	25 Oct 2024 02:36		AR\AJ	Ok
2	RESC051	RESC006	PD086199.D	25 Oct 2024 10:23		AR\AJ	Ok
3	PEM032	PEM169	PD086200.D	25 Oct 2024 10:36		AR\AJ	Ok
4	TOXAPH101	TOXAPH1075	PD086201.D	25 Oct 2024 10:49		AR\AJ	Ok
5	TOXAPH201	TOXAPH2076	PD086202.D	25 Oct 2024 11:02		AR\AJ	Ok
6	TOXAPH301	TOXAPH3077	PD086203.D	25 Oct 2024 11:16		AR\AJ	Ok
7	TOXAPH401	TOXAPH4078	PD086204.D	25 Oct 2024 11:29		AR\AJ	Ok
8	TOXAPH501	TOXAPH5079	PD086205.D	25 Oct 2024 11:42		AR\AJ	Ok
9	INDA101	INDA1080	PD086206.D	25 Oct 2024 11:55		AR\AJ	Ok
10	INDB101	INDB1081	PD086207.D	25 Oct 2024 12:09		AR\AJ	Ok,M
11	INDA201	INDA2082	PD086208.D	25 Oct 2024 12:22		AR\AJ	Ok
12	INDB201	INDB2083	PD086209.D	25 Oct 2024 12:35		AR\AJ	Ok
13	INDA301	INDA3084	PD086210.D	25 Oct 2024 12:48		AR\AJ	Ok
14	INDB301	INDB3085	PD086211.D	25 Oct 2024 13:02		AR\AJ	Ok
15	INDA401	INDA4086	PD086212.D	25 Oct 2024 13:15		AR\AJ	Ok
16	INDB401	INDB4087	PD086213.D	25 Oct 2024 13:28		AR\AJ	Ok
17	INDA501	INDA5088	PD086214.D	25 Oct 2024 13:41		AR\AJ	Ok
18	INDB501	INDB5089	PD086215.D	25 Oct 2024 13:55		AR\AJ	Ok

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD102524

Review By	Abdul	Review On	10/28/2024 9:25:51 AM		
Supervise By	Ankita	Supervise On	10/28/2024 10:43:25 AM		
SubDirectory	PD102524	HP Acquire Method		HP Processing Method	pd102524clp

STD. NAME	STD REF.#
Tune/Reschk	PP23732,PP23622
Initial Calibration Stds	PP23731,PP23730,PP23729,PP23728,PP23727,PP23718,PP23724,PP23717,PP23723,PP23716,PP23722,PP23715,PP23721,PP23714,PP23720
CCC	PP23716,PP23722,PP23729
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	PIBLK194	PIBLK357	PD086216.D	25 Oct 2024 14:08		AR\AJ	Ok
20	PEM033	PEM170	PD086217.D	25 Oct 2024 14:55		AR\AJ	Ok,M

M : Manual Integration

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD110824

Review By	yogesh	Review On	11/11/2024 12:23:08 AM		
Supervise By	mohammad	Supervise On	11/11/2024 12:34:38 AM		
SubDirectory	PD110824	HP Acquire Method		HP Processing Method	pd102524clp

STD. NAME	STD REF.#
Tune/Reschk	PP23732,PP23622
Initial Calibration Stds	PP23731,PP23730,PP23729,PP23728,PP23727,PP23718,PP23724,PP23717,PP23723,PP23716,PP23722,PP23715,PP23721,PP23714,PP23720
CCC	PP23716,PP23722,PP23729
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PD086446.D	08 Nov 2024 11:19		AR\AJ	Ok
2	PIBLK017	PIBLK380	PD086447.D	08 Nov 2024 11:33		AR\AJ	Ok
3	PEM046	PEM183	PD086448.D	08 Nov 2024 12:03		AR\AJ	Ok,M
4	PB164745BL	PBLK745	PD086449.D	08 Nov 2024 12:17		AR\AJ	Ok
5	PB164745BS	PLCS745	PD086450.D	08 Nov 2024 12:32		AR\AJ	Ok,M
6	P4636-01	C0PI7	PD086451.D	08 Nov 2024 12:46		AR\AJ	Ok,M
7	P4636-02	CC0P0	PD086452.D	08 Nov 2024 13:00		AR\AJ	Ok,M
8	P4636-03MS	CC0P0MS	PD086453.D	08 Nov 2024 13:14		AR\AJ	Ok,M
9	P4636-04MSD	CC0P0MSD	PD086454.D	08 Nov 2024 13:28		AR\AJ	Ok,M
10	P4636-05	CC0P2	PD086455.D	08 Nov 2024 13:42		AR\AJ	Ok,M
11	P4636-06	CC0P4	PD086456.D	08 Nov 2024 13:56	Need dilution	AR\AJ	Dilution
12	P4634-07	CC0P3	PD086457.D	08 Nov 2024 14:10	already run in PD110524	AR\AJ	Not Ok
13	P4676-06	PEST-GPC-BLANK	PD086458.D	08 Nov 2024 15:07		AR\AJ	Ok
14	P4676-07	PEST-GPC-BLANK-SP	PD086459.D	08 Nov 2024 15:21		AR\AJ	Ok,M
15	P4676-11	PEST-GPC2-BLANK	PD086460.D	08 Nov 2024 15:47		AR\AJ	Ok
16	P4676-12	PEST-GPC2-BLANK-S	PD086461.D	08 Nov 2024 16:01		AR\AJ	Ok,M
17	PIBLK018	PIBLK381	PD086462.D	08 Nov 2024 16:15		AR\AJ	Ok
18	INDA315	INDA3135	PD086463.D	08 Nov 2024 17:11		AR\AJ	Ok,M

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD110824

Review By	yogesh	Review On	11/11/2024 12:23:08 AM		
Supervise By	mohammad	Supervise On	11/11/2024 12:34:38 AM		
SubDirectory	PD110824	HP Acquire Method		HP Processing Method	pd102524clp

STD. NAME	STD REF.#
Tune/Reschk	PP23732,PP23622
Initial Calibration Stds	PP23731,PP23730,PP23729,PP23728,PP23727,PP23718,PP23724,PP23717,PP23723,PP23716,PP23722,PP23715,PP23721,PP23714,PP23720
CCC	PP23716,PP23722,PP23729
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	INDB315	INDB3136	PD086464.D	08 Nov 2024 17:25		AR\AJ	Ok,M
20	P4636-07	CC0P6	PD086465.D	08 Nov 2024 17:39	DCB low in 1st column	AR\AJ	Ok,M
21	P4636-08	CC0P8	PD086466.D	08 Nov 2024 17:53	DCB low in both column	AR\AJ	Ok,M
22	P4636-09	CC0Q0	PD086467.D	08 Nov 2024 18:07	DCB low in 1st column	AR\AJ	Ok,M
23	P4636-10	CC0Q2	PD086468.D	08 Nov 2024 18:26	DCB low in both column	AR\AJ	Ok,M
24	P4636-11	CC0Q3	PD086469.D	08 Nov 2024 18:40	DCB and TCMX low in 1st column	AR\AJ	Not Ok
25	P4636-12	CC0Q4	PD086470.D	08 Nov 2024 18:54	DCB low in 1st column	AR\AJ	Ok,M
26	P4636-13	CC0Q5	PD086471.D	08 Nov 2024 19:08	DCB low in both column	AR\AJ	Ok,M
27	P4636-14	CC0Q7	PD086472.D	08 Nov 2024 19:22	DCB low in 1st column	AR\AJ	Ok,M
28	P4636-15	CC0Q9	PD086473.D	08 Nov 2024 19:36		AR\AJ	Ok,M
29	P4636-16	CC0R0	PD086474.D	08 Nov 2024 19:50	DCB low in both column , Need dilution	AR\AJ	Dilution
30	P4636-17	CC0R1	PD086475.D	08 Nov 2024 20:04	DCB low in both column	AR\AJ	Ok,M
31	P4636-18	CC0R2	PD086476.D	08 Nov 2024 20:18	DCB low in both column	AR\AJ	Ok,M
32	P4636-19	CC0R8	PD086477.D	08 Nov 2024 20:33		AR\AJ	Ok,M
33	P4637-01	CC0R6	PD086478.D	08 Nov 2024 20:47		AR\AJ	Ok,M
34	P4637-02MS	CC0R6MS	PD086479.D	08 Nov 2024 21:01		AR\AJ	Ok,M
35	P4637-03MSD	CC0R6MSD	PD086480.D	08 Nov 2024 21:15		AR\AJ	Ok,M
36	PIBLK019	PIBLK382	PD086481.D	08 Nov 2024 21:29		AR\AJ	Ok
37	PEM047	PEM184	PD086482.D	08 Nov 2024 21:43		AR\AJ	Ok,M

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Fax : 908 789 8922

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD110824

Review By	yogesh	Review On	11/11/2024 12:23:08 AM		
Supervise By	mohammad	Supervise On	11/11/2024 12:34:38 AM		
SubDirectory	PD110824	HP Acquire Method		HP Processing Method	pd102524clp

STD. NAME	STD REF.#
Tune/Reschk	PP23732,PP23622
Initial Calibration Stds	PP23731,PP23730,PP23729,PP23728,PP23727,PP23718,PP23724,PP23717,PP23723,PP23716,PP23722,PP23715,PP23721,PP23714,PP23720
CCC	PP23716,PP23722,PP23729
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	PB164775BL	PBLK775	PD086483.D	08 Nov 2024 21:57		AR\AJ	Ok
39	PB164775BS	PLCS775	PD086484.D	08 Nov 2024 22:11		AR\AJ	Ok,M
40	P4687-01	C0CB8	PD086485.D	08 Nov 2024 22:25		AR\AJ	Ok
41	P4687-02	C0CC1	PD086486.D	08 Nov 2024 22:40		AR\AJ	Ok
42	P4687-03	C0CN8	PD086487.D	08 Nov 2024 22:54		AR\AJ	Ok,M
43	P4687-05	C0CD0	PD086489.D	08 Nov 2024 23:08		AR\AJ	Ok
44	P4687-06	C0CG4	PD086490.D	08 Nov 2024 23:22		AR\AJ	Ok,M
45	P4687-08	C0CC5	PD086492.D	08 Nov 2024 23:36	DCB low in 1st column	AR\AJ	Ok
46	P4687-09	C0CE4	PD086493.D	08 Nov 2024 23:50		AR\AJ	Ok
47	P4687-10	C0CD8	PD086494.D	09 Nov 2024 00:04		AR\AJ	Ok
48	P4687-11	C0CN9	PD086495.D	09 Nov 2024 00:18		AR\AJ	Ok,M
49	P4687-12	C0CP3	PD086496.D	09 Nov 2024 00:32		AR\AJ	Ok,M
50	P4687-13	C0CP2	PD086497.D	09 Nov 2024 00:47		AR\AJ	Ok,M
51	P4687-14	C0CD7	PD086498.D	09 Nov 2024 01:01		AR\AJ	Ok
52	P4687-15	C0CG6	PD086499.D	09 Nov 2024 01:15		AR\AJ	Ok
53	P4687-16	C0CD6	PD086500.D	09 Nov 2024 01:29		AR\AJ	Ok,M
54	P4687-17	C0CD4	PD086501.D	09 Nov 2024 01:43		AR\AJ	Ok
55	P4687-18MS	C0CD4MS	PD086502.D	09 Nov 2024 01:57	Comp#3,13,14 recovery fail	AR\AJ	Ok,M
56	P4687-19MSD	C0CD4MSD	PD086503.D	09 Nov 2024 02:11	Comp#3,13,14 recovery fail	AR\AJ	Ok,M

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Fax : 908 789 8922

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD110824

Review By	yogesh	Review On	11/11/2024 12:23:08 AM		
Supervise By	mohammad	Supervise On	11/11/2024 12:34:38 AM		
SubDirectory	PD110824	HP Acquire Method		HP Processing Method	pd102524clp

STD. NAME	STD REF.#
Tune/Reschk	PP23732,PP23622
Initial Calibration Stds	PP23731,PP23730,PP23729,PP23728,PP23727,PP23718,PP23724,PP23717,PP23723,PP23716,PP23722,PP23715,PP23721,PP23714,PP23720
CCC	PP23716,PP23722,PP23729
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

57	P4687-21	C0CD5	PD086504.D	09 Nov 2024 02:25		AR\AJ	Ok
58	P4687-22	C0CC8	PD086505.D	09 Nov 2024 02:39		AR\AJ	Ok
59	P4687-23	C0CC7	PD086506.D	09 Nov 2024 02:53		AR\AJ	Ok
60	P4687-24	C0CP8	PD086507.D	09 Nov 2024 03:08		AR\AJ	Ok,M
61	P4687-25	C0CR5	PD086508.D	09 Nov 2024 03:22		AR\AJ	Ok
62	PIBLK020	PIBLK383	PD086509.D	09 Nov 2024 03:36		AR\AJ	Ok
63	INDA316	INDA3137	PD086510.D	09 Nov 2024 03:50		AR\AJ	Ok,M
64	INDB316	INDB3138	PD086511.D	09 Nov 2024 04:04		AR\AJ	Ok,M

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 11/4/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 11:30
In Date: 11/03/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:00
Out Date: 11/04/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLIDS-OVEN

QC: LB133260

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
P4676-05	SVOC-GPC-BLANK	1	1.00	1.00	2.00	2.00	100.0	
P4676-06	PEST-GPC-BLANK	2	1.00	1.00	2.00	2.00	100.0	
P4676-07	PEST-GPC-BLANK-SPIKE	3	1.00	1.00	2.00	2.00	100.0	
P4676-08	PCB-GPC-BLANK	4	1.00	1.00	2.00	2.00	100.0	
P4676-09	PCB-GPC-BLANK-SPIKE	5	1.00	1.00	2.00	2.00	100.0	
P4676-10	SVOC-GPC2-BLANK	6	1.00	1.00	2.00	2.00	100.0	
P4676-11	PEST-GPC2-BLANK	7	1.00	1.00	2.00	2.00	100.0	
P4676-12	PEST-GPC2-BLANK-SPIKE	8	1.00	1.00	2.00	2.00	100.0	
P4676-13	PCB-GPC2-BLANK	9	1.00	1.00	2.00	2.00	100.0	
P4676-14	PCB-GPC2-BLANK-SPIKE	10	1.00	1.00	2.00	2.00	100.0	

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

WORKLIST(Hardcopy Internal Chain)

WB 133260

WorkList Name : %1-110324 **WorkList ID :** 185039 **Department :** Wet-Chemistry **Date :** 11-03-2024 07:39:03

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4676-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L11	11/01/2024	Chemtech -SO
P4676-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L11	11/01/2024	Chemtech -SO
P4676-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L11	11/01/2024	Chemtech -SO
P4676-08	PCB-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L11	11/01/2024	Chemtech -SO
P4676-09	PCB-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L11	11/01/2024	Chemtech -SO
P4676-10	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L11	11/01/2024	Chemtech -SO
P4676-11	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L11	11/01/2024	Chemtech -SO
P4676-12	PEST-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L11	11/01/2024	Chemtech -SO
P4676-13	PCB-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L11	11/01/2024	Chemtech -SO
P4676-14	PCB-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L11	11/01/2024	Chemtech -SO

Date/Time 11/03/24 08:10

Raw Sample Received by:

Raw Sample Relinquished by:

Date/Time 11/03/24 11:40

Raw Sample Received by:

Raw Sample Relinquished by:

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB164652

SOP ID: M3620C-Florisil cleanup-6, M3640A-GPC cleanup-6

Clean Up SOP #: GPC Cleanup,Florisil

Matrix : Solid

Weigh By: N/A

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: N/A

Extraction By: N/A

Filter By: N/A

pH Meter ID: N/A

Hood ID: 6,7

Extraction Start Date : 11/04/2024

Extraction Start Time : 10:37

Extraction End Date : 11/05/2024

Extraction End Time : 09:50

Concentration By: RS

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
GPC Pest Spike	10.0ML	20/40 PPB	PP23668
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

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2538
Methylene Chloride	N/A	E3823
Hexane	N/A	E3819
Florisil	N/A	E3806
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

No Extraction only GPC Check prepared.

KD Bath ID: Water bath -01

KD Bath Temperature: 60 °C

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/5/24	RP (Ext Lab)	AJ / FEST PCA Cab
9:55	**Preparation Group**	**Analysis Group**

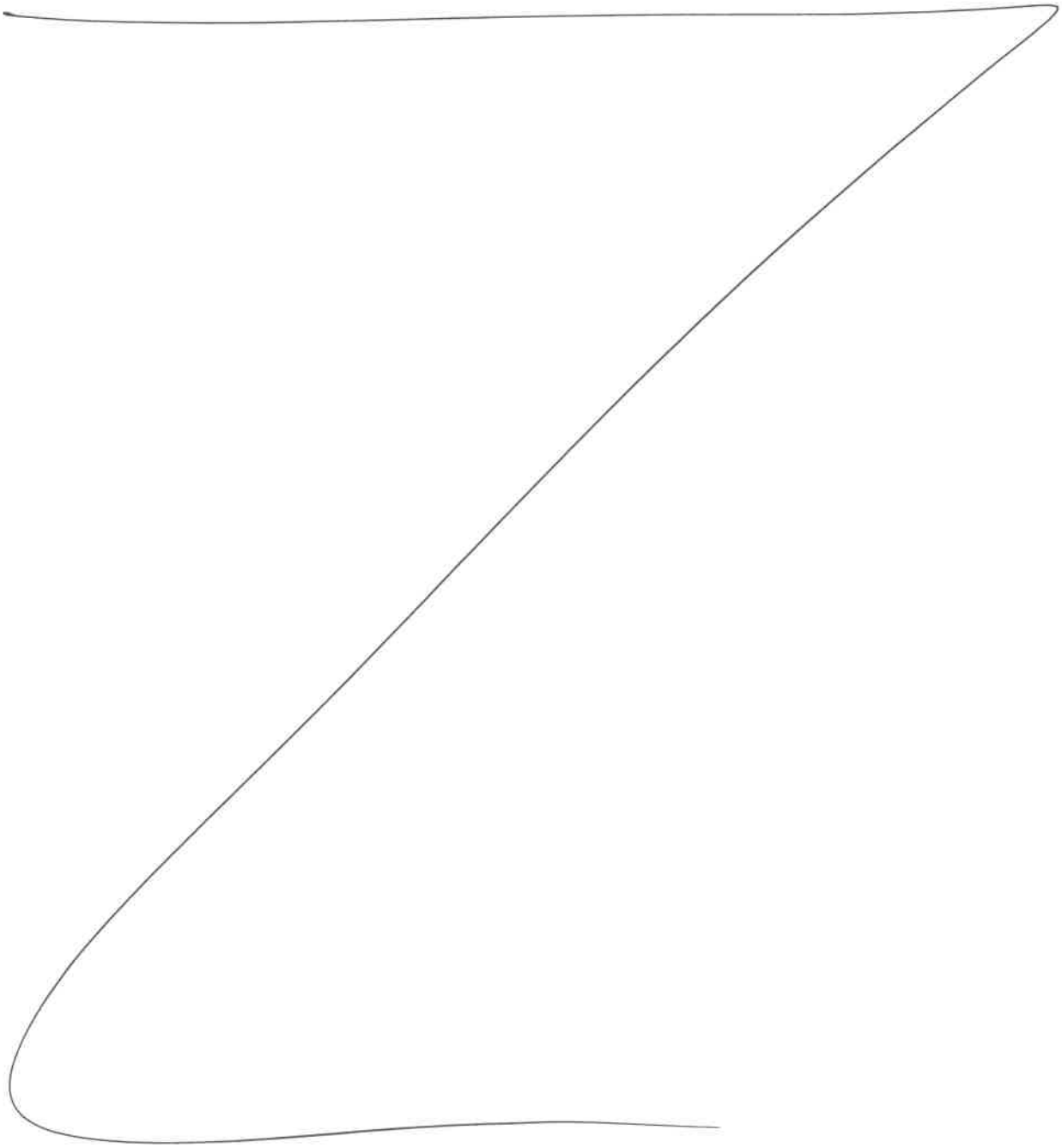
Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB164652

Analytical Method: M3620C-Florisil cleanup-6, M3640A-GPC cleanup-6 **Concentration Date:** 11/05/2024

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
P4676-06	PEST-GPC-BLANK	Pesticide-TCL	10.0	N/A	RUPESH	rajesh	5			
P4676-07	PEST-GPC-BLANK-SPIKE	Pesticide-TCL	10.0	N/A	RUPESH	rajesh	5			



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

11/5/24

WORKLIST(Hardcopy Internal Chain)

WorkList Name : P4676 **WorkList ID :** 185098 **Department :** Extraction **Date :** 11-04-2024 10:34:23

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4676-05	SVOC-GPC-BLANK	Solid	SVOC-Chemtech Full -25	Cool 4 deg C	CHEM02	L11	11/01/2024	SFAM_SVOC
P4676-06	PEST-GPC-BLANK	Solid	Pesticide-TCL	Cool 4 deg C	CHEM02	L11	11/01/2024	SFAM_PEST
P4676-07	PEST-GPC-BLANK-SPIKE	Solid	Pesticide-TCL	Cool 4 deg C	CHEM02	L11	11/01/2024	SFAM_PEST
P4676-08	PCB-GPC-BLANK	Solid	PCB	Cool 4 deg C	CHEM02	L11	11/01/2024	SFAM_PCB
P4676-09	PCB-GPC-BLANK-SPIKE	Solid	PCB	Cool 4 deg C	CHEM02	L11	11/01/2024	SFAM_PCB
P4676-10	SVOC-GPC2-BLANK	Solid	SVOC-Chemtech Full -25	Cool 4 deg C	CHEM02	L11	11/01/2024	SFAM_SVOC
P4676-11	PEST-GPC2-BLANK	Solid	Pesticide-TCL	Cool 4 deg C	CHEM02	L11	11/01/2024	SFAM_PEST
P4676-12	PEST-GPC2-BLANK-SPIKE	Solid	Pesticide-TCL	Cool 4 deg C	CHEM02	L11	11/01/2024	SFAM_PEST
P4676-13	PCB-GPC2-BLANK	Solid	PCB	Cool 4 deg C	CHEM02	L11	11/01/2024	SFAM_PCB
P4676-14	PCB-GPC2-BLANK-SPIKE	Solid	PCB	Cool 4 deg C	CHEM02	L11	11/01/2024	SFAM_PCB

Date/Time 11/6/24 10:36
Raw Sample Received by: RJ (Sol 1mg)
Raw Sample Relinquished by: CP SM

Date/Time 11/4/24 10:55
Raw Sample Received by: CP SM
Raw Sample Relinquished by: RJ (Sol 1mg)

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB164653

SOP ID: M3620C-Florisil cleanup-6, M3640A-GPC cleanup-6

Clean Up SOP #: GPC Cleanup,Florisil

Matrix : Solid

Weigh By: N/A

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: N/A

Extraction By: N/A

Filter By: N/A

pH Meter ID: N/A

Hood ID: 6,7

Extraction Start Date : 11/04/2024

Extraction Start Time : 10:37

Extraction End Date : 11/05/2024

Extraction End Time : 09:50

Concentration By: RS

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
GPC Pest Spike	10.0ML	20/40 PPB	PP23668
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

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2538
Methylene Chloride	N/A	E3823
Hexane	N/A	E3819
Florisil	N/A	E3806
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

No Extraction only GPC Check prepared.

KD Bath ID: Water bath -01

KD Bath Temperature: 60 °C

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/5/24	RP (tot lab)	AJ (C-ST PCA Cook
9:55	**Preparation Group**	**Analysis Group**

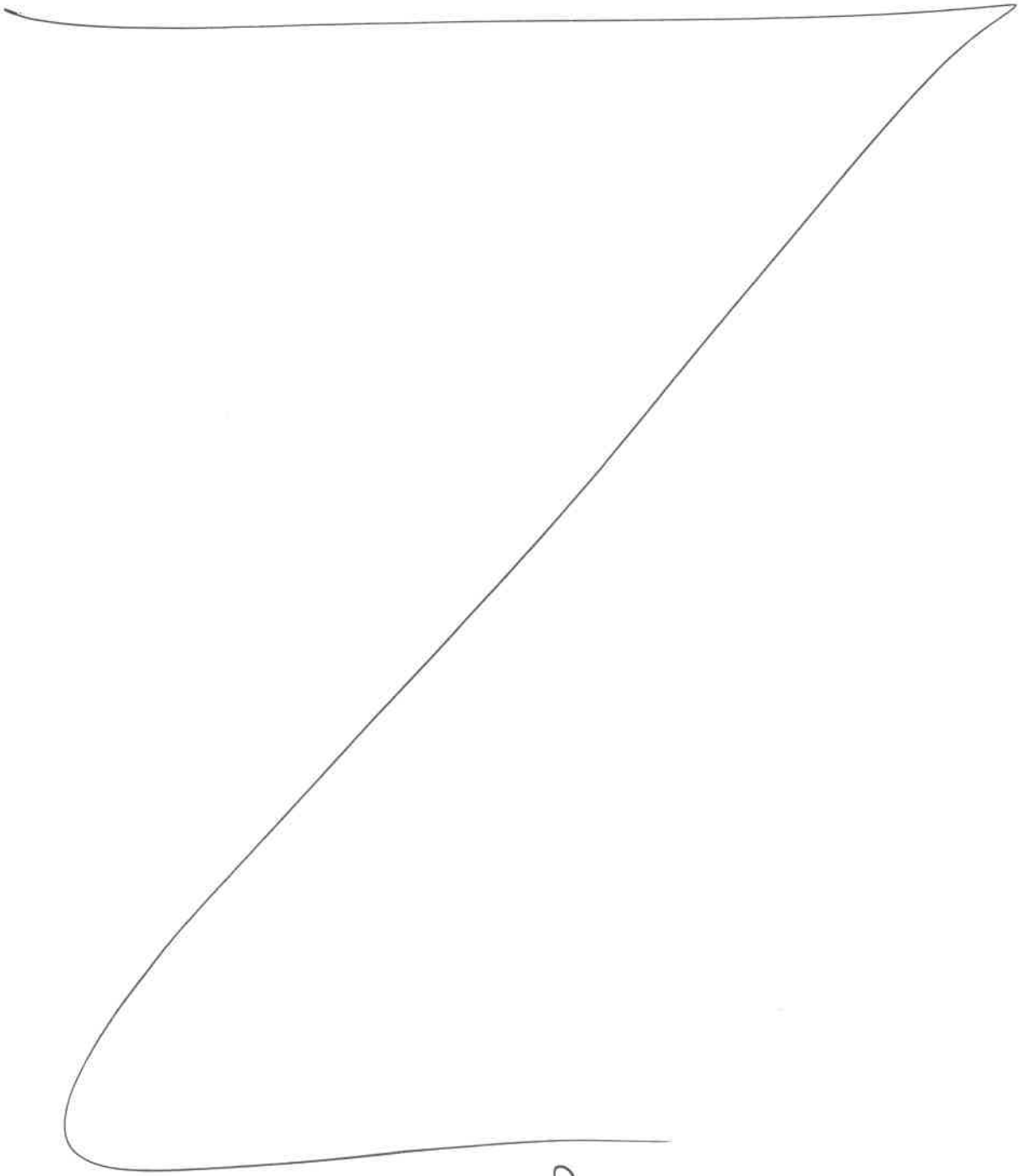
Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB164653

Analytical Method: M3620C-Florisil cleanup-6, M3640A-GPC cleanup-6 **Concentration Date:** 11/05/2024

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
P4676-11	PEST-GPC2-BLANK	Pesticide-TCL	10.0	N/A	RUPESH	rajesh	5			
P4676-12	PEST-GPC2-BLANK-SPIKE	Pesticide-TCL	10.0	N/A	RUPESH	rajesh	5			



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

11/5/24

WORKLIST(Hardcopy Internal Chain)

WorkList Name : P4676 **WorkList ID :** 185098 **Department :** Extraction **Date :** 11-04-2024 10:34:23

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4676-05	SVOC-GPC-BLANK	Solid	SVOC-Chemtech Full -25	Cool 4 deg C	CHEM02	L11	11/01/2024	SFAM_SVOC
P4676-06	PEST-GPC-BLANK	Solid	Pesticide-TCL	Cool 4 deg C	CHEM02	L11	11/01/2024	SFAM_PEST
P4676-07	PEST-GPC-BLANK-SPIKE	Solid	Pesticide-TCL	Cool 4 deg C	CHEM02	L11	11/01/2024	SFAM_PEST
P4676-08	PCB-GPC-BLANK	Solid	PCB	Cool 4 deg C	CHEM02	L11	11/01/2024	SFAM_PCB
P4676-09	PCB-GPC-BLANK-SPIKE	Solid	PCB	Cool 4 deg C	CHEM02	L11	11/01/2024	SFAM_PCB
P4676-10	SVOC-GPC2-BLANK	Solid	SVOC-Chemtech Full -25	Cool 4 deg C	CHEM02	L11	11/01/2024	SFAM_SVOC
P4676-11	PEST-GPC2-BLANK	Solid	Pesticide-TCL	Cool 4 deg C	CHEM02	L11	11/01/2024	SFAM_PEST
P4676-12	PEST-GPC2-BLANK-SPIKE	Solid	Pesticide-TCL	Cool 4 deg C	CHEM02	L11	11/01/2024	SFAM_PEST
P4676-13	PCB-GPC2-BLANK	Solid	PCB	Cool 4 deg C	CHEM02	L11	11/01/2024	SFAM_PCB
P4676-14	PCB-GPC2-BLANK-SPIKE	Solid	PCB	Cool 4 deg C	CHEM02	L11	11/01/2024	SFAM_PCB

Date/Time 11/6/24 10:34

Raw Sample Received by: RJ (Sep Tech)

Raw Sample Relinquished by: CP SM

Date/Time 11/4/24 10:55

Raw Sample Received by: CP SM

Raw Sample Relinquished by: RJ (Sep Tech)

SHIPPING DOCUMENTS

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-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488