

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “ Results Qualifiers” are used:

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

LAB CHRONICLE

OrderID:	P4780	OrderDate:	11/8/2024 10:42:00 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
P4780-06	PEST-GPC-BLANK	SOIL	Pesticide-TCL	SFAM_PEST	11/08/24	11/11/24	11/13/24	11/08/24
P4780-07	PEST-GPC-BLANK-SPIKE	SOIL	Pesticide-TCL	SFAM_PEST	11/08/24	11/11/24	11/13/24	11/08/24
P4780-08	PCB-GPC-BLANK	SOIL	PCB	SFAM_PCB	11/08/24	11/11/24	11/12/24	11/08/24
P4780-09	PCB-GPC-BLANK-SPIKE	SOIL	PCB	SFAM_PCB	11/08/24	11/11/24	11/12/24	11/08/24
P4780-11	PEST-GPC2-BLANK	SOIL	Pesticide-TCL	SFAM_PEST	11/08/24	11/11/24	11/13/24	11/08/24
P4780-12	PEST-GPC2-BLANK-SPIKE	SOIL	Pesticide-TCL	SFAM_PEST	11/08/24	11/11/24	11/13/24	11/08/24
P4780-13	PCB-GPC2-BLANK	SOIL	PCB	SFAM_PCB	11/08/24	11/11/24	11/12/24	11/08/24
P4780-14	PCB-GPC2-BLANK-SPIKE	SOIL	PCB	SFAM_PCB	11/08/24	11/11/24	11/12/24	11/08/24

Hit Summary Sheet
SW-846

SDG No.: P4780

Order ID: P4780

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								
P4780-07	PEST-GPC-BLANK-SOIL		gamma-BHC (Lindane)	20.0		0.42	5.10	ug/kg
P4780-07	PEST-GPC-BLANK-SOIL		Heptachlor	20.0		0.90	5.10	ug/kg
P4780-07	PEST-GPC-BLANK-SOIL		Aldrin	21.0		0.39	5.10	ug/kg
P4780-07	PEST-GPC-BLANK-SOIL		Dieldrin	41.0		0.48	9.90	ug/kg
P4780-07	PEST-GPC-BLANK-SOIL		Endrin	42.0		0.42	9.90	ug/kg
P4780-07	PEST-GPC-BLANK-SOIL		4,4-DDT	39.0		0.66	9.90	ug/kg
Total Concentration:				183.000				
Client ID : PEST-GPC2-BLANK-SPIKE								
P4780-12	PEST-GPC2-BLANK-SOIL		gamma-BHC (Lindane)	20.0		0.42	5.10	ug/kg
P4780-12	PEST-GPC2-BLANK-SOIL		Heptachlor	20.0		0.90	5.10	ug/kg
P4780-12	PEST-GPC2-BLANK-SOIL		Aldrin	21.0		0.39	5.10	ug/kg
P4780-12	PEST-GPC2-BLANK-SOIL		Dieldrin	41.0		0.48	9.90	ug/kg
P4780-12	PEST-GPC2-BLANK-SOIL		Endrin	42.0		0.42	9.90	ug/kg
P4780-12	PEST-GPC2-BLANK-SOIL		4,4-DDT	39.0		0.66	9.90	ug/kg
Total Concentration:				183.000				



QC SUMMARY

Surrogate Summary

SDG No.: P4780

Client: Chemtech Consulting Group

Analytical Method: SFAM_PEST

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
P4780-06	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
P4780-07	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
P4780-11	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
P4780-12	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

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

Lab Name: CHEMTECH

Contract: CHEM02

Lab Code: CHEM Case No.: P4780

SAS No.: P4780 SDG NO.: P4780

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	11/08/24
Project:	Weekly Storage Blanks	Date Received:	11/08/24
Client Sample ID:	PEST-GPC-BLANK	SDG No.:	P4780
Lab Sample ID:	P4780-06	Matrix:	SOIL
Analytical Method:	SFAM_PEST	% Solid:	100
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
PD086653.D	1	11/11/24 11:55	11/13/24 17:48	PB164878

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	11/08/24
Project:	Weekly Storage Blanks	Date Received:	11/08/24
Client Sample ID:	PEST-GPC-BLANK	SDG No.:	P4780
Lab Sample ID:	P4780-06	Matrix:	SOIL
Analytical Method:	SFAM_PEST	% Solid:	100
Sample Wt/Vol:	10 Units: g	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	5000 uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	2.0	Injection Volume :	
PH :			
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD086653.D	1	11/11/24 11:55	11/13/24 17:48	PB164878

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_D\Data\PD111424\
Data File : PD086653.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Nov 2024 17:48
Operator : AR\AJ
Sample : P4780-06
Misc :
ALS Vial : 24 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 14 04:33:20 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111424CLP.M
Quant Title : GC Extractables
QLast Update : Thu Nov 14 03:38:57 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

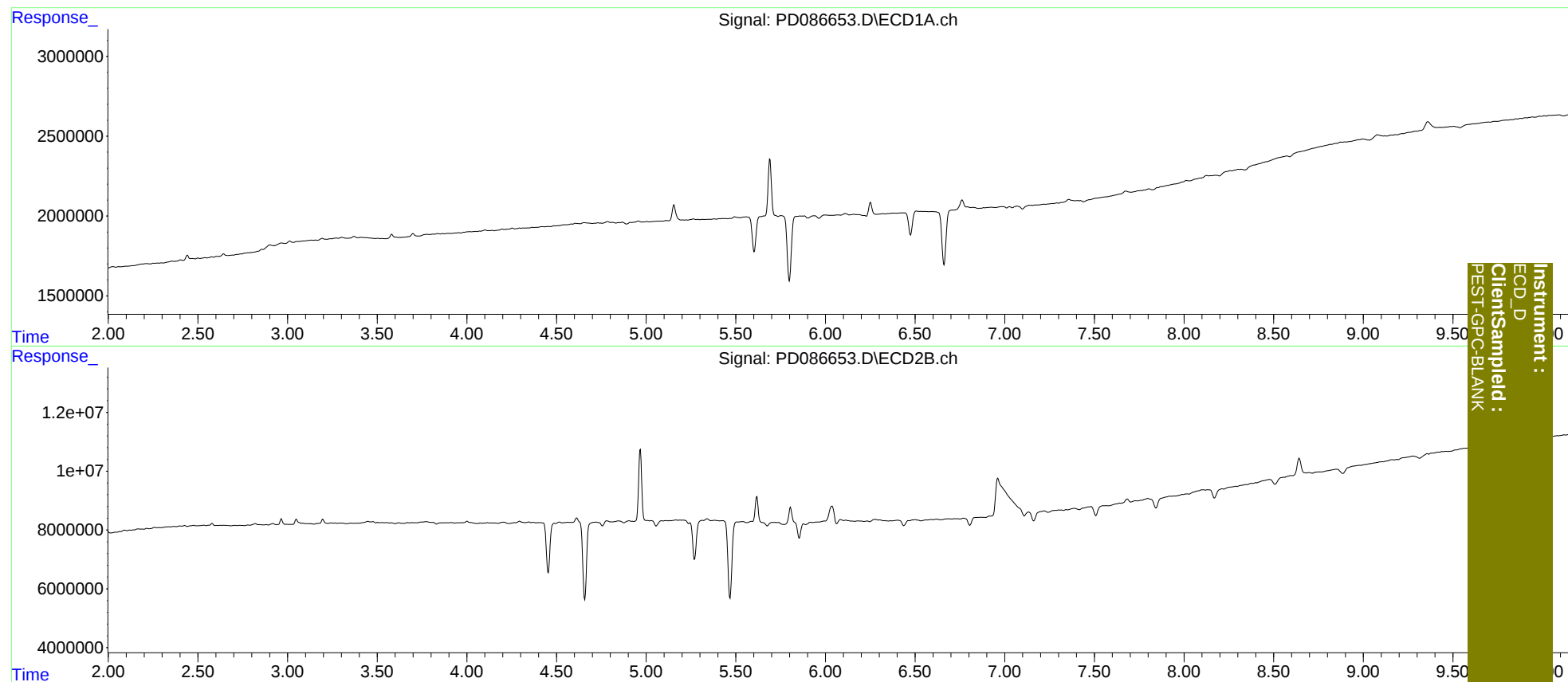
Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111424\
Data File : PD086653.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Nov 2024 17:48
Operator : AR\AJ
Sample : P4780-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 14 04:33:20 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111424CLP.M
Quant Title : GC Extractables
QLast Update : Thu Nov 14 03:38:57 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



Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	11/08/24
Project:	Weekly Storage Blanks	Date Received:	11/08/24
Client Sample ID:	PEST-GPC-BLANK-SPIKE	SDG No.:	P4780
Lab Sample ID:	P4780-07	Matrix:	SOIL
Analytical Method:	SFAM_PEST	% Solid:	100
Sample Wt/Vol:	10 Units: g	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	5000 uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	2.0	Injection Volume :	
PH :			
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD086654.D	1	11/11/24 11:55	11/13/24 18:02	PB164878

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	20.0		0.90	5.10	ug/kg
309-00-2	Aldrin	21.0		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	41.0		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	42.0		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	39.0		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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	11/08/24
Project:	Weekly Storage Blanks	Date Received:	11/08/24
Client Sample ID:	PEST-GPC-BLANK-SPIKE	SDG No.:	P4780
Lab Sample ID:	P4780-07	Matrix:	SOIL
Analytical Method:	SFAM_PEST	% Solid:	100
Sample Wt/Vol:	10 Units: g	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	5000 uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	2.0	Injection Volume :	
PH :			
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD086654.D	1	11/11/24 11:55	11/13/24 18:02	PB164878

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_D\Data\PD111424\
 Data File : PD086654.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Nov 2024 18:02
 Operator : AR\AJ
 Sample : P4780-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/14/2024
 Supervised By :Ankita Jodhani 11/15/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 14 04:33:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111424CLP.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 03:38:57 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

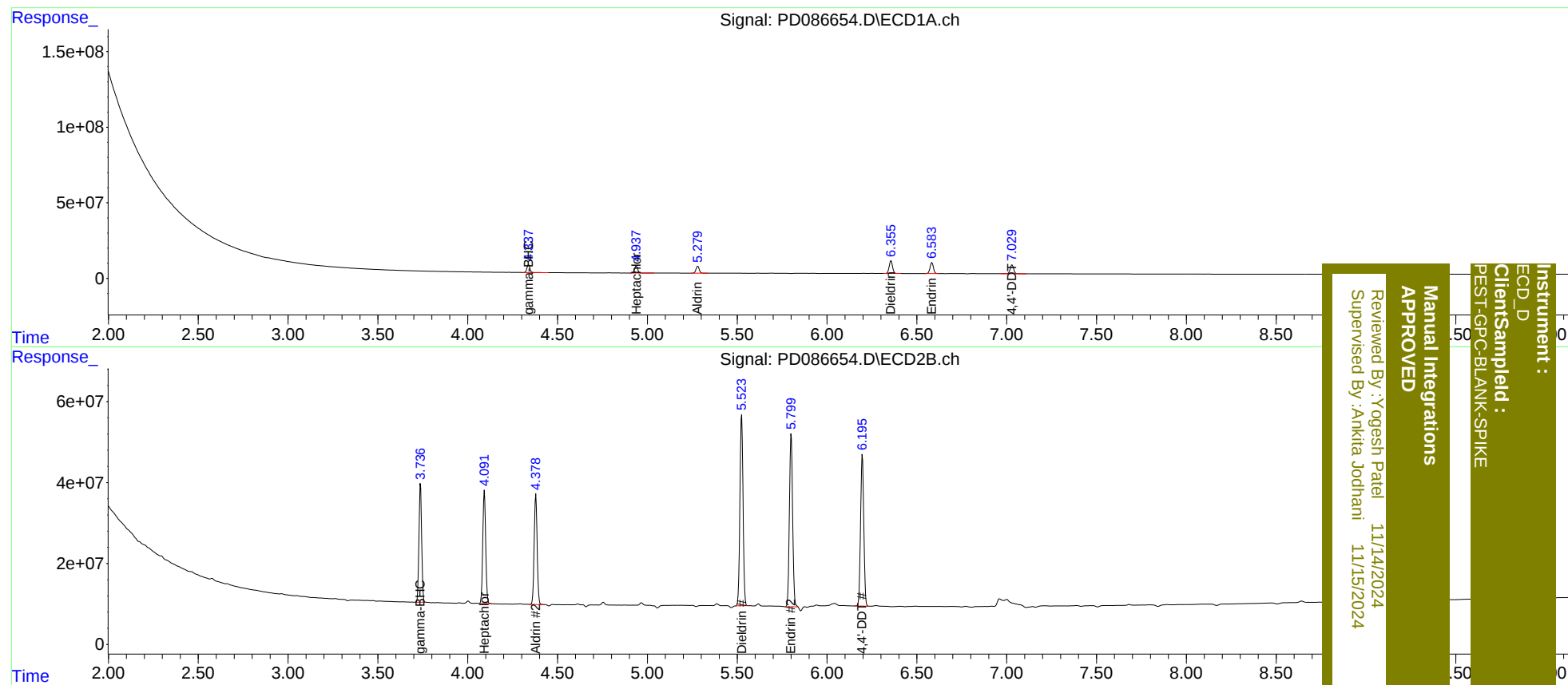
Target Compounds						
3) MA	gamma-BHC...	4.339	3.737	58402005	306.4E6	20.613 20.189
4) MA	Heptachlor	4.939	4.093	57159948	313.6E6	19.876 19.981
5) MB	Aldrin	5.281	4.379	57273440	312.0E6	21.285 21.181
13) MA	Dieldrin	6.356	5.525	108.7E6	570.4E6	40.542 40.742
14) MA	Endrin	6.584	5.799	93907654	532.4E6	41.897 41.479m
17) MA	4,4'-DDT	7.030	6.197	78671391	467.4E6	38.733 39.167

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111424\
Data File : PD086654.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Nov 2024 18:02
Operator : AR\AJ
Sample : P4780-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 14 04:33:36 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111424CLP.M
Quant Title : GC Extractables
QLast Update : Thu Nov 14 03:38:57 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



Reviewed By : Yogesh Patel 11/14/2024
Supervised By : Ankita Jodhani 11/15/2024

Manual Integrations
APPROVED

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111424\
Data File : PD086654.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Nov 2024 18:02
Operator : AR\AJ
Sample : P4780-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

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

Manual IntegrationsAPPROVED

Reviewed By :Yogesh
Patel

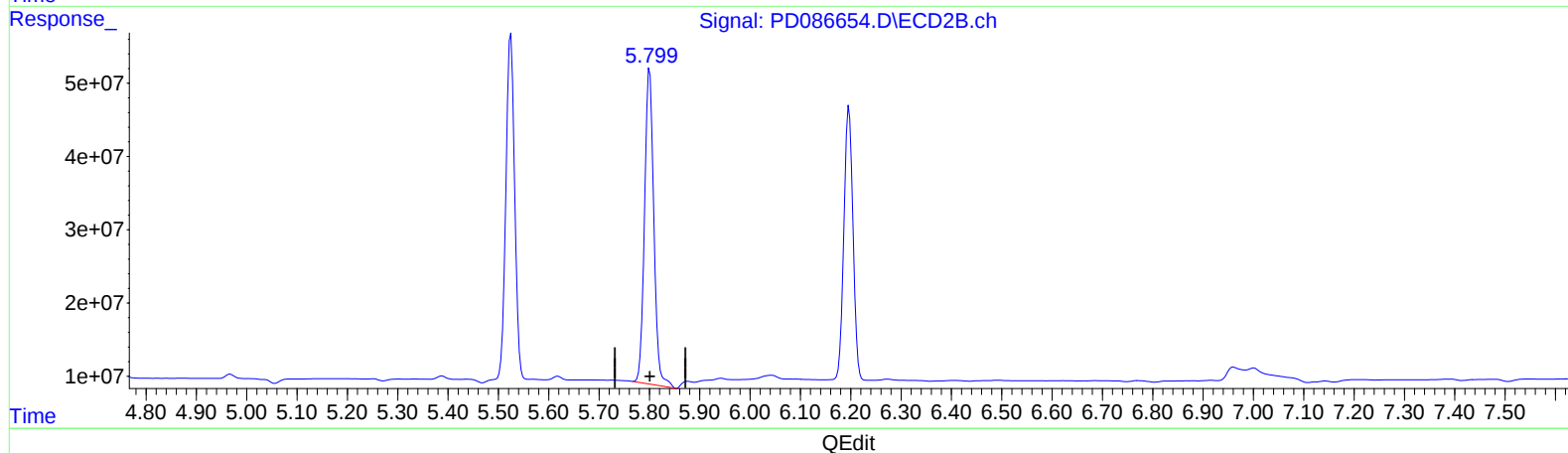
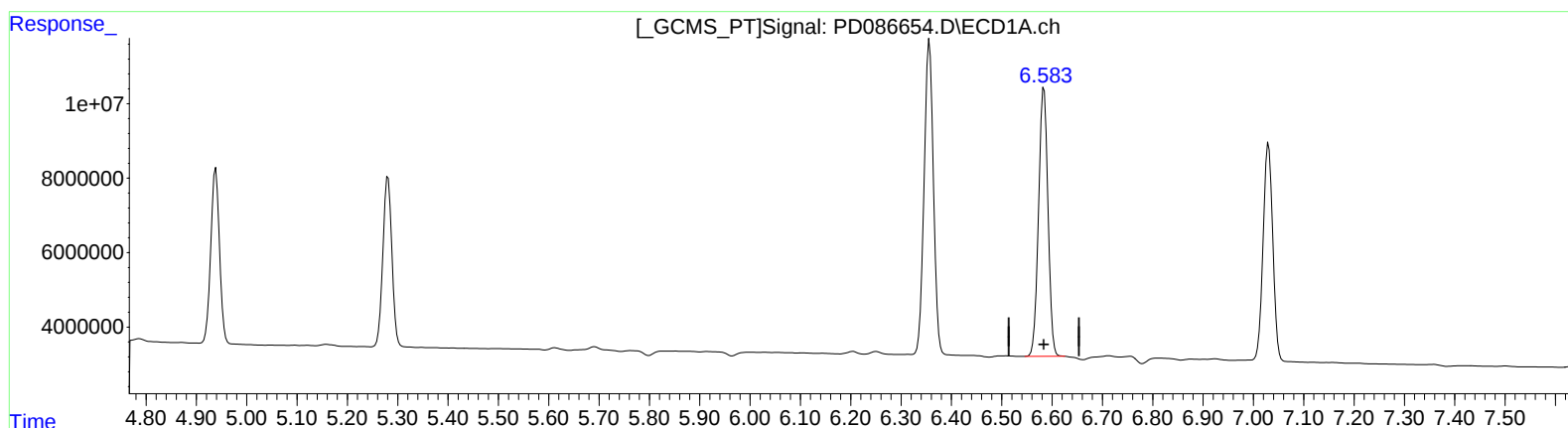
11/14/2024

Supervised By :Ankita
Jodhani

11/15/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 14 04:33:36 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111424CLP.M
Quant Title : GC Extractables
QLast Update : Thu Nov 14 03:38:57 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



(14) Endrin (MA)

6.584min 41.897 ng/ml

response 93907654

(14) Endrin #2 (MA)

5.801min 43.068 ng/ml

response 552771951

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111424\
Data File : PD086654.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Nov 2024 18:02
Operator : AR\AJ
Sample : P4780-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

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

Manual IntegrationsAPPROVED

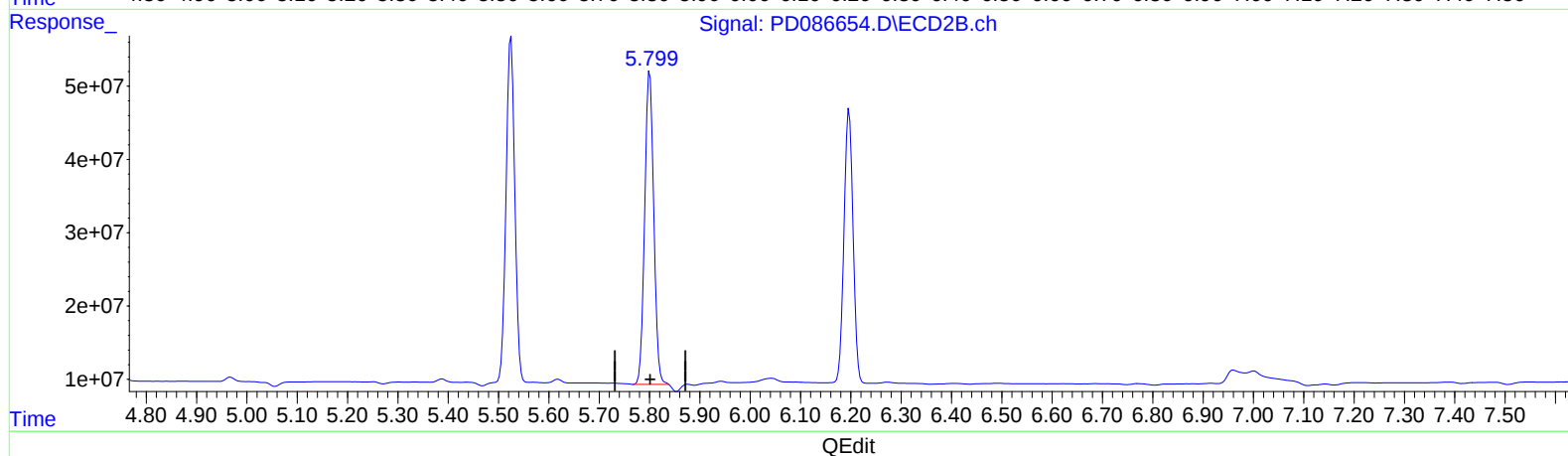
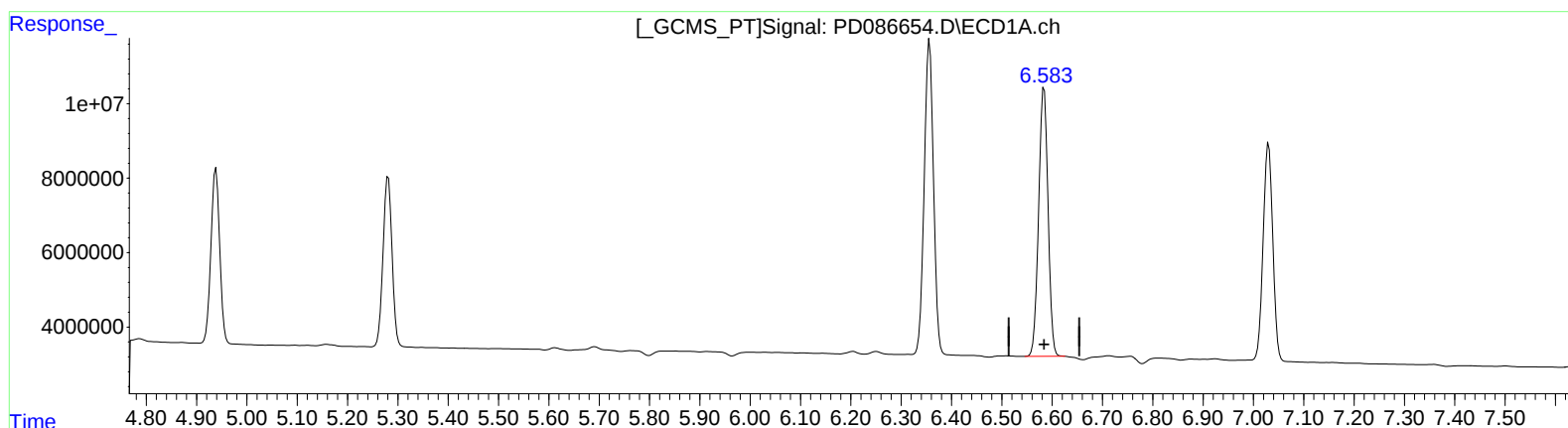
Reviewed By :Yogesh
Patel

11/14/2024
Supervised By :Ankita
Jodhani

11/15/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 14 04:33:36 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111424CLP.M
Quant Title : GC Extractables
QLast Update : Thu Nov 14 03:38:57 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



(14) Endrin (MA)

6.584min 41.897 ng/ml

response 93907654

(14) Endrin #2 (MA)

5.799min 41.479 ng/ml m

response 532377387

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	11/08/24
Project:	Weekly Storage Blanks	Date Received:	11/08/24
Client Sample ID:	PEST-GPC2-BLANK	SDG No.:	P4780
Lab Sample ID:	P4780-11	Matrix:	SOIL
Analytical Method:	SFAM_PEST	% Solid:	100
Sample Wt/Vol:	10 Units: g	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	5000 uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	2.0	Injection Volume :	
PH :			
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD086655.D	1	11/11/24 11:53	11/13/24 18:16	PB164879

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	11/08/24
Project:	Weekly Storage Blanks	Date Received:	11/08/24
Client Sample ID:	PEST-GPC2-BLANK	SDG No.:	P4780
Lab Sample ID:	P4780-11	Matrix:	SOIL
Analytical Method:	SFAM_PEST	% Solid:	100
Sample Wt/Vol:	10 Units: g	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	5000 uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	2.0	Injection Volume :	
PH :			
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD086655.D	1	11/11/24 11:53	11/13/24 18:16	PB164879

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_D\Data\PD111424\
Data File : PD086655.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Nov 2024 18:16
Operator : AR\AJ
Sample : P4780-11
Misc :
ALS Vial : 26 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 14 04:20:38 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111424CLP.M
Quant Title : GC Extractables
QLast Update : Thu Nov 14 03:38:57 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

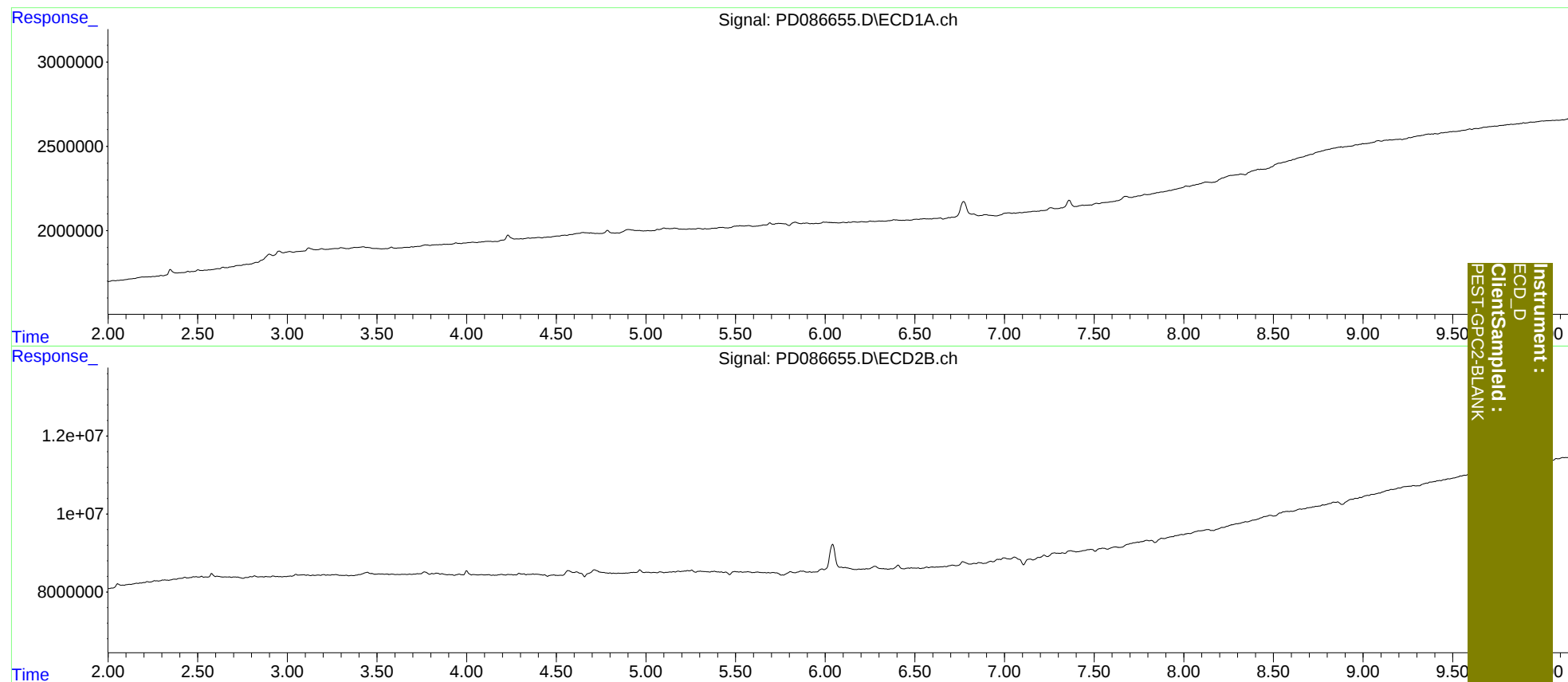
Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111424\
Data File : PD086655.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Nov 2024 18:16
Operator : AR\AJ
Sample : P4780-11
Misc :
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 14 04:20:38 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111424CLP.M
Quant Title : GC Extractables
QLast Update : Thu Nov 14 03:38:57 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
ClientSampled :
PEST-GPC2-BLANK

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	11/08/24
Project:	Weekly Storage Blanks	Date Received:	11/08/24
Client Sample ID:	PEST-GPC2-BLANK-SPIKE	SDG No.:	P4780
Lab Sample ID:	P4780-12	Matrix:	SOIL
Analytical Method:	SFAM_PEST	% Solid:	100
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
PD086656.D	1	11/11/24 11:53	11/13/24 18:30	PB164879

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	20.0		0.90	5.10	ug/kg
309-00-2	Aldrin	21.0		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	41.0		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	42.0		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	39.0		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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	11/08/24
Project:	Weekly Storage Blanks	Date Received:	11/08/24
Client Sample ID:	PEST-GPC2-BLANK-SPIKE	SDG No.:	P4780
Lab Sample ID:	P4780-12	Matrix:	SOIL
Analytical Method:	SFAM_PEST	% Solid:	100
Sample Wt/Vol:	10 Units: g	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	5000 uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	2.0	Injection Volume :	
PH :			
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD086656.D	1	11/11/24 11:53	11/13/24 18:30	PB164879

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_D\Data\PD111424\
 Data File : PD086656.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Nov 2024 18:30
 Operator : AR\AJ
 Sample : P4780-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 14 04:20:57 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111424CLP.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 03:38:57 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

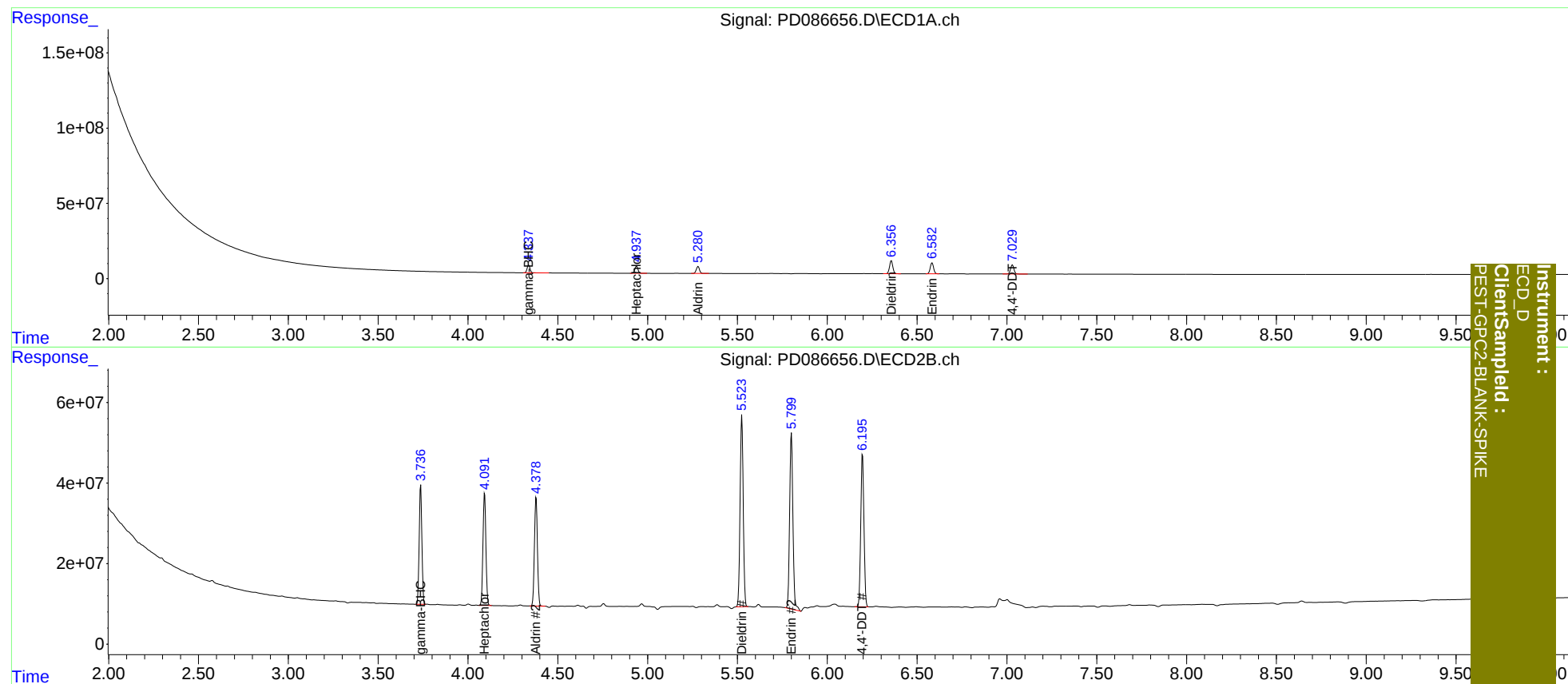
Target Compounds							
3) MA	gamma-BHC...	4.338	3.737	58315036	309.8E6	20.582	20.413
4) MA	Heptachlor	4.939	4.093	57471713	317.5E6	19.984	20.231
5) MB	Aldrin	5.281	4.380	57154435	314.4E6	21.241	21.348
13) MA	Dieldrin	6.357	5.525	109.2E6	573.7E6	40.731	40.976
14) MA	Endrin	6.584	5.801	93959520	556.9E6	41.920	43.388
17) MA	4,4'-DDT	7.031	6.196	78635743	470.3E6	38.716	39.410

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111424\
Data File : PD086656.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Nov 2024 18:30
Operator : AR\AJ
Sample : P4780-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 14 04:20:57 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111424CLP.M
Quant Title : GC Extractables
QLast Update : Thu Nov 14 03:38:57 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





CALIBRATION SUMMARY

Analytical Sequence

Client: Chemtech Consulting Group

SDG No.: P4780

Project: Weekly Storage Blanks

Instrument ID: ECD_D

GC Column: ZB-MR2

ID: 0.32 (mm)

Inst. Calib. Date(s): 11/13/2024 11/13/2024

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	P4780-06	11/13/2024	17:48	PD086653.D	0.00	0.00
PEST-GPC-BLANK-SPIKE	P4780-07	11/13/2024	18:02	PD086654.D	0.00	0.00
PEST-GPC2-BLANK	P4780-11	11/13/2024	18:16	PD086655.D	0.00	0.00
PEST-GPC2-BLANK-SPIKE	P4780-12	11/13/2024	18:30	PD086656.D	0.00	0.00

Analytical Sequence

Client: Chemtech Consulting Group

SDG No.: P4780

Project: Weekly Storage Blanks

Instrument ID: ECD_D

GC Column: ZB-MR1

ID: 0.32 (mm)

Inst. Calib. Date(s): 11/13/2024 11/13/2024

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	P4780-06	11/13/2024	17:48	PD086653.D	0.00	0.00
PEST-GPC-BLANK-SPIKE	P4780-07	11/13/2024	18:02	PD086654.D	0.00	0.00
PEST-GPC2-BLANK	P4780-11	11/13/2024	18:16	PD086655.D	0.00	0.00
PEST-GPC2-BLANK-SPIKE	P4780-12	11/13/2024	18:30	PD086656.D	0.00	0.00



QC SAMPLE DATA

Manual Integration Report

Sequence:	pd111424	Instrument	ECD_d
-----------	----------	------------	-------

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM003	PD086635.D	4,4"-DDD #2	yogesh	11/14/2024 11:07:37 AM	Ankita	11/15/2024 10:14:19	Peak Integrated by Software
PEM003	PD086635.D	Endrin aldehyde #2	yogesh	11/14/2024 11:07:37 AM	Ankita	11/15/2024 10:14:19	Peak Integrated by Software
PEM004	PD086652.D	4,4"-DDD #2	yogesh	11/18/2024 1:22:55 AM	mohammad	11/18/2024 2:54:43	Peak Integrated by Software
PEM004	PD086652.D	Endrin aldehyde #2	yogesh	11/18/2024 1:22:55 AM	mohammad	11/18/2024 2:54:43	Peak Integrated by Software
P4780-07	PD086654.D	Endrin #2	yogesh	11/14/2024 11:07:44 AM	Ankita	11/15/2024 10:14:23	Peak Integrated by Software
INDB321	PD086661.D	cis-Chlordane	yogesh	11/14/2024 11:07:53 AM	Ankita	11/15/2024 10:14:28	Peak Integrated by Software
INDB321	PD086661.D	cis-Chlordane #2	yogesh	11/14/2024 11:07:53 AM	Ankita	11/15/2024 10:14:28	Peak Integrated by Software
PEM005	PD086674.D	4,4"-DDD #2	yogesh	11/14/2024 11:09:21 AM	Ankita	11/15/2024 10:14:47	Peak Integrated by Software
PIBLK033	PD086685.D	Decachlorobiphenyl	yogesh	11/14/2024 11:09:43 AM	Ankita	11/15/2024 10:15:21	Peak Integrated by Software
INDB322	PD086687.D	cis-Chlordane	yogesh	11/14/2024 11:09:45 AM	Ankita	11/15/2024 10:15:23	Peak Integrated by Software
INDB322	PD086687.D	cis-Chlordane #2	yogesh	11/14/2024 11:09:45 AM	Ankita	11/15/2024 10:15:23	Peak Integrated by Software

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD111424

Review By	yogesh	Review On	11/14/2024 11:10:23 AM
Supervise By	mohammad	Supervise On	11/18/2024 2:55:12 AM
SubDirectory	PD111424	HP Acquire Method	HP Processing Method PD111424CLP
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	PD086633.D	13 Nov 2024 12:11	AR\AJ	Ok
2	RESC052	PD086634.D	13 Nov 2024 12:25	AR\AJ	Ok
3	PEM003	PD086635.D	13 Nov 2024 12:39	AR\AJ	Ok,M
4	TOXAPH101	PD086636.D	13 Nov 2024 12:54	AR\AJ	Ok
5	TOXAPH201	PD086637.D	13 Nov 2024 13:08	AR\AJ	Ok
6	TOXAPH301	PD086638.D	13 Nov 2024 13:22	AR\AJ	Ok
7	TOXAPH401	PD086639.D	13 Nov 2024 13:36	AR\AJ	Ok
8	TOXAPH501	PD086640.D	13 Nov 2024 13:50	AR\AJ	Ok
9	INDA101	PD086641.D	13 Nov 2024 14:04	AR\AJ	Ok
10	INDB101	PD086642.D	13 Nov 2024 14:18	AR\AJ	Ok
11	INDA201	PD086643.D	13 Nov 2024 14:32	AR\AJ	Ok
12	INDB201	PD086644.D	13 Nov 2024 14:46	AR\AJ	Ok
13	INDA301	PD086645.D	13 Nov 2024 15:00	AR\AJ	Ok
14	INDB301	PD086646.D	13 Nov 2024 15:14	AR\AJ	Ok
15	INDA401	PD086647.D	13 Nov 2024 15:28	AR\AJ	Ok
16	INDB401	PD086648.D	13 Nov 2024 15:42	AR\AJ	Ok
17	INDA501	PD086649.D	13 Nov 2024 15:56	AR\AJ	Ok
18	INDB501	PD086650.D	13 Nov 2024 16:10	AR\AJ	Ok
19	PIBLK030	PD086651.D	13 Nov 2024 16:24	AR\AJ	Ok
20	PEM004	PD086652.D	13 Nov 2024 16:38	AR\AJ	Ok,M
21	P4780-06	PD086653.D	13 Nov 2024 17:48	AR\AJ	Ok

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD111424

Review By	yogesh	Review On	11/14/2024 11:10:23 AM
Supervise By	mohammad	Supervise On	11/18/2024 2:55:12 AM
SubDirectory	PD111424	HP Acquire Method	HP Processing Method PD111424CLP
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	P4780-07	PD086654.D	13 Nov 2024 18:02	AR\AJ	Ok,M
23	P4780-11	PD086655.D	13 Nov 2024 18:16	AR\AJ	Ok
24	P4780-12	PD086656.D	13 Nov 2024 18:30	AR\AJ	Ok
25	P4636-06DL	PD086657.D	13 Nov 2024 18:44	AR\AJ	Ok,M
26	P4636-16DL	PD086658.D	13 Nov 2024 18:59	AR\AJ	Ok,M
27	PIBLK031	PD086659.D	13 Nov 2024 19:27	AR\AJ	Ok
28	INDA321	PD086660.D	13 Nov 2024 19:41	AR\AJ	Ok
29	INDB321	PD086661.D	13 Nov 2024 19:55	AR\AJ	Ok,M
30	P4724-01	PD086662.D	13 Nov 2024 20:09	AR\AJ	Ok,M
31	P4724-02MS	PD086663.D	13 Nov 2024 20:23	AR\AJ	Ok,M
32	P4724-03MSD	PD086664.D	13 Nov 2024 20:37	AR\AJ	Ok,M
33	P4724-06	PD086665.D	13 Nov 2024 20:51	AR\AJ	Ok,M
34	P4724-11	PD086666.D	13 Nov 2024 21:05	AR\AJ	Ok,M
35	P4724-12	PD086667.D	13 Nov 2024 21:19	AR\AJ	Ok,M
36	P4724-13	PD086668.D	13 Nov 2024 21:33	AR\AJ	Ok,M
37	P4724-15	PD086669.D	13 Nov 2024 21:47	AR\AJ	Ok,M
38	P4724-16	PD086670.D	13 Nov 2024 22:01	AR\AJ	Ok,M
39	P4724-20	PD086671.D	13 Nov 2024 22:15	AR\AJ	Ok,M
40	P4724-23	PD086672.D	13 Nov 2024 22:29	AR\AJ	Ok,M
41	PIBLK032	PD086673.D	13 Nov 2024 22:43	AR\AJ	Ok
42	PEM005	PD086674.D	13 Nov 2024 22:57	AR\AJ	Ok,M
43	P4751-01	PD086675.D	13 Nov 2024 23:11	AR\AJ	Not Ok
44	P4751-04	PD086676.D	13 Nov 2024 23:25	AR\AJ	Ok,M

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD111424

Review By	yogesh	Review On	11/14/2024 11:10:23 AM
Supervise By	mohammad	Supervise On	11/18/2024 2:55:12 AM
SubDirectory	PD111424	HP Acquire Method	HP Processing Method PD111424CLP
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	P4751-07	PD086677.D	13 Nov 2024 23:39	AR\AJ	Ok,M
46	P4751-08MS	PD086678.D	13 Nov 2024 23:53	AR\AJ	Ok,M
47	P4751-09MSD	PD086679.D	14 Nov 2024 00:07	AR\AJ	Ok,M
48	P4751-11	PD086680.D	14 Nov 2024 00:22	AR\AJ	Ok,M
49	P4751-13	PD086681.D	14 Nov 2024 00:36	AR\AJ	Ok,M
50	P4751-18	PD086682.D	14 Nov 2024 00:50	AR\AJ	Ok,M
51	P4751-21	PD086683.D	14 Nov 2024 01:04	AR\AJ	Ok,M
52	P4751-22	PD086684.D	14 Nov 2024 01:18	AR\AJ	Ok,M
53	PIBLK033	PD086685.D	14 Nov 2024 01:32	AR\AJ	Ok,M
54	INDA322	PD086686.D	14 Nov 2024 01:46	AR\AJ	Ok
55	INDB322	PD086687.D	14 Nov 2024 02:00	AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD111424

Review By	yogesh	Review On	11/14/2024 11:10:23 AM
Supervise By	mohammad	Supervise On	11/18/2024 2:55:12 AM
SubDirectory	PD111424	HP Acquire Method	HP Processing Method PD111424CLP
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	PD086633.D	13 Nov 2024 12:11		AR\AJ	Ok
2	RESC052	RESC007	PD086634.D	13 Nov 2024 12:25		AR\AJ	Ok
3	PEM003	PEM190	PD086635.D	13 Nov 2024 12:39		AR\AJ	Ok,M
4	TOXAPH101	TOXAPH1090	PD086636.D	13 Nov 2024 12:54		AR\AJ	Ok
5	TOXAPH201	TOXAPH2091	PD086637.D	13 Nov 2024 13:08		AR\AJ	Ok
6	TOXAPH301	TOXAPH3092	PD086638.D	13 Nov 2024 13:22		AR\AJ	Ok
7	TOXAPH401	TOXAPH4093	PD086639.D	13 Nov 2024 13:36		AR\AJ	Ok
8	TOXAPH501	TOXAPH5094	PD086640.D	13 Nov 2024 13:50		AR\AJ	Ok
9	INDA101	INDA1095	PD086641.D	13 Nov 2024 14:04		AR\AJ	Ok
10	INDB101	INDB1096	PD086642.D	13 Nov 2024 14:18		AR\AJ	Ok
11	INDA201	INDA2097	PD086643.D	13 Nov 2024 14:32		AR\AJ	Ok
12	INDB201	INDB2098	PD086644.D	13 Nov 2024 14:46		AR\AJ	Ok
13	INDA301	INDA3099	PD086645.D	13 Nov 2024 15:00		AR\AJ	Ok
14	INDB301	INDB3100	PD086646.D	13 Nov 2024 15:14		AR\AJ	Ok
15	INDA401	INDA4001	PD086647.D	13 Nov 2024 15:28		AR\AJ	Ok
16	INDB401	INDB4002	PD086648.D	13 Nov 2024 15:42		AR\AJ	Ok
17	INDA501	INDA5003	PD086649.D	13 Nov 2024 15:56		AR\AJ	Ok
18	INDB501	INDB5004	PD086650.D	13 Nov 2024 16:10		AR\AJ	Ok

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD111424

Review By	yogesh	Review On	11/14/2024 11:10:23 AM
Supervise By	mohammad	Supervise On	11/18/2024 2:55:12 AM
SubDirectory	PD111424	HP Acquire Method	HP Processing Method PD111424CLP
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	PIBLK030	PIBLK393	PD086651.D	13 Nov 2024 16:24		AR\AJ	Ok
20	PEM004	PEM191	PD086652.D	13 Nov 2024 16:38		AR\AJ	Ok,M
21	P4780-06	PEST-GPC-BLANK	PD086653.D	13 Nov 2024 17:48		AR\AJ	Ok
22	P4780-07	PEST-GPC-BLANK-SP	PD086654.D	13 Nov 2024 18:02		AR\AJ	Ok,M
23	P4780-11	PEST-GPC2-BLANK	PD086655.D	13 Nov 2024 18:16		AR\AJ	Ok
24	P4780-12	PEST-GPC2-BLANK-S	PD086656.D	13 Nov 2024 18:30		AR\AJ	Ok
25	P4636-06DL	CC0P4DL	PD086657.D	13 Nov 2024 18:44		AR\AJ	Ok,M
26	P4636-16DL	CC0R0DL	PD086658.D	13 Nov 2024 18:59	DCB low in 1st column	AR\AJ	Ok,M
27	PIBLK031	PIBLK394	PD086659.D	13 Nov 2024 19:27		AR\AJ	Ok
28	INDA321	INDA3147	PD086660.D	13 Nov 2024 19:41		AR\AJ	Ok
29	INDB321	INDB3148	PD086661.D	13 Nov 2024 19:55		AR\AJ	Ok,M
30	P4724-01	BH9B8	PD086662.D	13 Nov 2024 20:09	DCB low in 2nd column	AR\AJ	Ok,M
31	P4724-02MS	BH9B8MS	PD086663.D	13 Nov 2024 20:23		AR\AJ	Ok,M
32	P4724-03MSD	BH9B8MSD	PD086664.D	13 Nov 2024 20:37		AR\AJ	Ok,M
33	P4724-06	BH9D4	PD086665.D	13 Nov 2024 20:51	DCB low in both column	AR\AJ	Ok,M
34	P4724-11	BH9C2	PD086666.D	13 Nov 2024 21:05	DCB low in both column	AR\AJ	Ok,M
35	P4724-12	BH9C3	PD086667.D	13 Nov 2024 21:19	DCB low in both column	AR\AJ	Ok,M
36	P4724-13	BH9C4	PD086668.D	13 Nov 2024 21:33	DCB low in both column	AR\AJ	Ok,M
37	P4724-15	BH9F0	PD086669.D	13 Nov 2024 21:47	DCB low in both column	AR\AJ	Ok,M

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD111424

Review By	yogesh	Review On	11/14/2024 11:10:23 AM
Supervise By	mohammad	Supervise On	11/18/2024 2:55:12 AM
SubDirectory	PD111424	HP Acquire Method	HP Processing Method PD111424CLP
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	P4724-16	BH9G6	PD086670.D	13 Nov 2024 22:01	DCB low in both column	AR\AJ	Ok,M
39	P4724-20	BH9D8	PD086671.D	13 Nov 2024 22:15	DCB low in both column	AR\AJ	Ok,M
40	P4724-23	BH9E2	PD086672.D	13 Nov 2024 22:29	DCB low in both column	AR\AJ	Ok,M
41	PIBLK032	PIBLK395	PD086673.D	13 Nov 2024 22:43		AR\AJ	Ok
42	PEM005	PEM192	PD086674.D	13 Nov 2024 22:57		AR\AJ	Ok,M
43	P4751-01	BH9C6	PD086675.D	13 Nov 2024 23:11	DCB low in both column , TCMX low in 1st column	AR\AJ	Not Ok
44	P4751-04	BH9D0	PD086676.D	13 Nov 2024 23:25	DCB low in both column	AR\AJ	Ok,M
45	P4751-07	BH9E6	PD086677.D	13 Nov 2024 23:39	DCB low in both column	AR\AJ	Ok,M
46	P4751-08MS	BH9E6MS	PD086678.D	13 Nov 2024 23:53	DCB low in 2nd column	AR\AJ	Ok,M
47	P4751-09MSD	BH9E6MSD	PD086679.D	14 Nov 2024 00:07	DCB low in 2nd column	AR\AJ	Ok,M
48	P4751-11	BH9E8	PD086680.D	14 Nov 2024 00:22	DCB low in both column	AR\AJ	Ok,M
49	P4751-13	BH9F4	PD086681.D	14 Nov 2024 00:36	DCB low in both column	AR\AJ	Ok,M
50	P4751-18	BH9F8	PD086682.D	14 Nov 2024 00:50	TCMX low in 1st column	AR\AJ	Ok,M
51	P4751-21	BH9G2	PD086683.D	14 Nov 2024 01:04	DCB low in 2nd column	AR\AJ	Ok,M
52	P4751-22	BH9G3	PD086684.D	14 Nov 2024 01:18	DCB low in 2nd column	AR\AJ	Ok,M
53	PIBLK033	PIBLK396	PD086685.D	14 Nov 2024 01:32		AR\AJ	Ok,M
54	INDA322	INDA3149	PD086686.D	14 Nov 2024 01:46		AR\AJ	Ok
55	INDB322	INDB3150	PD086687.D	14 Nov 2024 02:00		AR\AJ	Ok,M

M : Manual Integration



PERCENT SOLID

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

OVENTEMP IN Celsius(°C): 107
Time IN: 16:40
In Date: 11/08/2024
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: 11/09/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB133361

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
P4716-01	A0BE3	1	1.15	8.83	9.98	8.14	79.2	
P4716-02	A0BE4	2	1.15	8.41	9.56	8.06	82.2	
P4716-03	A0BE5	3	1.17	8.62	9.79	6.03	56.4	
P4716-04	A0BE5MS	4	1.17	8.62	9.79	6.03	56.4	
P4716-05	A0BE5MSD	5	1.17	8.62	9.79	6.03	56.4	
P4771-05	P-1	6	1.12	8.74	9.86	9.37	94.4	
P4771-07	P-2	7	1.12	8.70	9.82	9.41	95.3	
P4779-01	SOIL-01	8	1.16	8.45	9.61	9.34	96.8	
P4780-05	SVOC-GPC-BLANK	9	1.00	1.00	2.00	2.00	100.0	
P4780-06	PEST-GPC-BLANK	10	1.00	1.00	2.00	2.00	100.0	
P4780-07	PEST-GPC-BLANK-SPIKE	11	1.00	1.00	2.00	2.00	100.0	
P4780-08	PCB-GPC-BLANK	12	1.00	1.00	2.00	2.00	100.0	
P4780-09	PCB-GPC-BLANK-SPIKE	13	1.00	1.00	2.00	2.00	100.0	
P4780-10	SVOC-GPC2-BLANK	14	1.00	1.00	2.00	2.00	100.0	
P4780-11	PEST-GPC2-BLANK	15	1.00	1.00	2.00	2.00	100.0	
P4780-12	PEST-GPC2-BLANK-SPIKE	16	1.00	1.00	2.00	2.00	100.0	
P4780-13	PCB-GPC2-BLANK	17	1.00	1.00	2.00	2.00	100.0	
P4780-14	PCB-GPC2-BLANK-SPIKE	18	1.00	1.00	2.00	2.00	100.0	
P4788-01	BP-G3	19	1.15	8.82	9.97	9.18	91.0	
P4788-02	BP-G3-EPH	20	1.13	8.68	9.81	8.85	88.9	
P4788-03	BP-G3-VOC	21	1.18	8.49	9.67	8.76	89.3	
P4789-01	BP-F21	22	1.13	8.76	9.89	8.98	89.6	
P4789-02	BP-F21-EPH	23	1.17	8.58	9.75	8.74	88.2	
P4789-03	BP-F21-VOC	24	1.17	8.58	9.75	8.74	88.2	
P4791-01	ARS20-0016	25	1.00	1.00	2.00	2.00	100.0	debris
P4792-02	DIESLE-DRUM	26	1.00	1.00	2.00	2.00	100.0	debris
P4792-03	OILY-STONE-DRUM	27	1.00	1.00	2.00	2.00	100.0	oily stone - drum
P4793-01	M00-24-00345	28	1.00	1.00	2.00	2.00	100.0	debris



PERCENT SOLID

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

OVENTEMP IN Celsius(°C): 107
Time IN: 16:40
In Date: 11/08/2024
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: 11/09/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB133361

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
P4794-01	KZA443F-END-1-1	29	1.00	1.00	2.00	2.00	100.0	oilc
P4794-02	KZA443F-END-1-2	30	1.00	1.00	2.00	2.00	100.0	oilc
P4795-01	LAW-23-00189	31	1.14	8.59	9.73	9.06	92.2	
P4796-01	TP-1	32	1.18	8.60	9.78	9.34	94.9	
P4796-02	TP-1	33	1.16	8.49	9.65	9.25	95.3	
P4796-03	TP-2	34	1.13	8.70	9.83	9.47	95.9	
P4796-04	TP-2	35	1.19	8.62	9.81	9.44	95.7	
P4796-05	TP-3	36	1.15	8.80	9.95	9.47	94.5	
P4796-06	TP-3	37	1.16	8.56	9.72	9.3	95.1	
P4796-07	TP-4	38	1.17	8.57	9.74	9.43	96.4	
P4796-08	TP-4	39	1.15	8.82	9.97	9.7	96.9	
P4798-01	MH-6	40	1.14	8.81	9.95	9.00	89.2	
P4798-02	MH-6-EPH	41	1.13	8.74	9.87	8.82	88.0	
P4798-03	MH-6-VOC	42	1.16	8.50	9.66	8.66	88.2	

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

WORKLIST(Hardcopy Internal Chain)

133361

WorkList Name : %1-110824

WorkList ID : 185235

Department : Wet-Chemistry

Date : 11-08-2024 07:56:56

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4716-01	A0BE3	Solid	Percent Solids	Cool 4 deg C	USEP04	Q11	10/31/2024	Chemtech -SO
P4716-02	A0BE4	Solid	Percent Solids	Cool 4 deg C	USEP04	Q11	10/31/2024	Chemtech -SO
P4716-03	A0BE5	Solid	Percent Solids	Cool 4 deg C	USEP04	Q11	11/01/2024	Chemtech -SO
P4716-04	A0BE5MS	Solid	Percent Solids	Cool 4 deg C	USEP04	Q11	11/01/2024	Chemtech -SO
P4716-05	A0BE5MSD	Solid	Percent Solids	Cool 4 deg C	USEP04	Q11	11/01/2024	Chemtech -SO
P4771-05	P-1	Solid	Percent Solids	Cool 4 deg C	USEP04	Q11	11/01/2024	Chemtech -SO
P4771-07	P-2	Solid	Percent Solids	Cool 4 deg C	M2AS01	L32	11/07/2024	Chemtech -SO
P4779-01	SOIL-01	Solid	Percent Solids	Cool 4 deg C	M2AS01	L32	11/07/2024	Chemtech -SO
P4780-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CLOU03	L31	11/07/2024	Chemtech -SO
P4780-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L11	11/08/2024	Chemtech -SO
P4780-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L11	11/08/2024	Chemtech -SO
P4780-08	PCB-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L11	11/08/2024	Chemtech -SO
P4780-09	PCB-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L11	11/08/2024	Chemtech -SO
P4780-10	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L11	11/08/2024	Chemtech -SO
P4780-11	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L11	11/08/2024	Chemtech -SO
P4780-12	PEST-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L11	11/08/2024	Chemtech -SO
P4780-13	PCB-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L11	11/08/2024	Chemtech -SO
P4780-14	PCB-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L11	11/08/2024	Chemtech -SO
P4788-01	BP-G3	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	11/08/2024	Chemtech -SO
P4788-02	BP-G3-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	11/08/2024	Chemtech -SO
P4788-03	BP-G3-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	11/08/2024	Chemtech -SO

Date/Time 11/08/24 15:30

Raw Sample Received by: HWC

Raw Sample Relinquished by: RJ CEST-1060

Date/Time 11/08/24

Raw Sample Received by: RJ CEST-1060

Raw Sample Relinquished by: RJ CEST-1060

WORKLIST(Hardcopy Internal Chain)

133361

WorkList Name : %1-110824

WorkList ID : 185235

Department : Wet-Chemistry

Date : 11-08-2024 07:56:56

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4789-01	BP-F21	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	11/08/2024	Chemtech -SO
P4789-02	BP-F21-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	11/08/2024	Chemtech -SO
P4789-03	BP-F21-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	11/08/2024	Chemtech -SO
P4791-01	ARS20-0016	Solid	Percent Solids	Cool 4 deg C	PSEG03	--Sele	11/08/2024	Chemtech -SO
P4792-02	DIESELE-DRUM	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	11/08/2024	Chemtech -SO
P4792-03	OILY-STONE-DRUM	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	11/08/2024	Chemtech -SO
P4793-01	M00-24-00345	Solid	Percent Solids	Cool 4 deg C	PSEG03	L23	11/08/2024	Chemtech -SO
P4794-01	KZA443F-END-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L23	11/08/2024	Chemtech -SO
P4794-02	KZA443F-END-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L23	11/08/2024	Chemtech -SO
P4795-01	LAW-23-00189	Solid	Percent Solids	Cool 4 deg C	PSEG03	L23	11/08/2024	Chemtech -SO
P4796-01	TP-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L23	11/08/2024	Chemtech -SO
P4796-02	TP-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L23	11/08/2024	Chemtech -SO
P4796-03	TP-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L23	11/08/2024	Chemtech -SO
P4796-04	TP-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L23	11/08/2024	Chemtech -SO
P4796-05	TP-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	L23	11/08/2024	Chemtech -SO
P4796-06	TP-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	L23	11/08/2024	Chemtech -SO
P4796-07	TP-4	Solid	Percent Solids	Cool 4 deg C	PSEG03	L23	11/08/2024	Chemtech -SO
P4796-08	TP-4	Solid	Percent Solids	Cool 4 deg C	PSEG03	L23	11/08/2024	Chemtech -SO
P4798-01	MH-6	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	11/08/2024	Chemtech -SO
P4798-02	MH-6-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	11/08/2024	Chemtech -SO
P4798-03	MH-6-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	11/08/2024	Chemtech -SO

Date/Time 11/08/24 15:30

Raw Sample Received by: RS (Eph-106)

Raw Sample Relinquished by: RS (Eph-106)

Date/Time 11/08/24 17:08

Raw Sample Received by: RS (Eph-106)

Raw Sample Relinquished by: RS (Eph-106)

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

Clean Up SOP #: GPC Cleanup, Florisil

Matrix : Solid

Weigh By: EH

Balance check: RJ

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: N/A

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,6,7

Extraction Start Date : 11/11/2024

Extraction Start Time : 11:55

Extraction End Date : 11/12/2024

Extraction End Time : 09:20

Concentration By: EH

Supervisor By : rajesh

Extraction Method: ☐ Separatory Funnel

☐ Continuous Liquid/Liquid

☐ Sonication

☐ Waste Dilution

☒ Soxhlet

Standard 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
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	E3828
Hexane	N/A	E3826
Florisil	N/A	E3806
Baked Na2SO4	N/A	EP2557
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
11/12/24	RP (Ext Lab)	Dr. Post / PCB Lab.
9:25	Preparation Group	Analysis Group

Analytical Method: M3620C-Florisil cleanup-6, M3640A-GPC cleanup-6

Concentration Date: 11/12/2024

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
P4780-11	PEST-GPC2-BLANK	Pesticide-TCL	10.0	N/A	RUPESH	rajesh	5			
P4780-12	PEST-GPC2-BLANK-SPIKE	Pesticide-TCL	10.0	N/A	RUPESH	rajesh	5			

* Extracts relinquished on the same date as received.

2
11/12/24

WORKLIST(Hardcopy Internal Chain)

WorkList Name : P4780

WorkList ID : 185328

Department : Extraction

Date : 11-11-2024 11:48:00

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4780-05	SVOC-GPC-BLANK	Solid	SVOC-Chemtech Full -25	Cool 4 deg C	CHEM02	L11	11/08/2024	SFAM_SVOC
P4780-06	PEST-GPC-BLANK	Solid	Pesticide-TCL	Cool 4 deg C	CHEM02	L11	11/08/2024	SFAM_PEST
P4780-07	PEST-GPC-BLANK-SPIKE	Solid	Pesticide-TCL	Cool 4 deg C	CHEM02	L11	11/08/2024	SFAM_PEST
P4780-08	PCB-GPC-BLANK	Solid	PCB	Cool 4 deg C	CHEM02	L11	11/08/2024	SFAM_PEST
P4780-09	PCB-GPC-BLANK-SPIKE	Solid	PCB	Cool 4 deg C	CHEM02	L11	11/08/2024	SFAM_PCB
P4780-10	SVOC-GPC2-BLANK	Solid	SVOC-Chemtech Full -25	Cool 4 deg C	CHEM02	L11	11/08/2024	SFAM_SVOC
P4780-11	PEST-GPC2-BLANK	Solid	Pesticide-TCL	Cool 4 deg C	CHEM02	L11	11/08/2024	SFAM_PEST
P4780-12	PEST-GPC2-BLANK-SPIKE	Solid	Pesticide-TCL	Cool 4 deg C	CHEM02	L11	11/08/2024	SFAM_PEST
P4780-13	PCB-GPC2-BLANK	Solid	PCB	Cool 4 deg C	CHEM02	L11	11/08/2024	SFAM_PCB
P4780-14	PCB-GPC2-BLANK-SPIKE	Solid	PCB	Cool 4 deg C	CHEM02	L11	11/08/2024	SFAM_PCB

Date/Time 11/11/24 11:50
 Raw Sample Received by: RJ Lee 647
 Raw Sample Relinquished by: OP SM

Date/Time 11/11/24 12:10
 Raw Sample Received by: OP SM
 Raw Sample Relinquished by: RJ Lee 647

SOP ID:	M3620C-Florisil cleanup-6, M3640A-GPC cleanup-6		
Clean Up SOP #:	GPC Cleanup, Florisil	Extraction Start Date :	11/11/2024
Matrix :	Solid	Extraction Start Time :	11:53
Weigh By:	N/A	Extraction By:	N/A
Balance check:	RJ	Extraction End Date :	11/12/2024
Balance ID:	EX-SC-2	Filter By:	N/A
pH Strip Lot#:	N/A	Extraction End Time :	09:20
		Concentration By:	EH
		Supervisor By :	rajesh
Extraction Method:	☐ Separatory Funnel ☐ Continuous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☒ Soxhlet		

Standard 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	E3828
Hexane	N/A	E3826
Florisil	N/A	E3806
Baked Na2SO4	N/A	EP2557
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	Envap ID:	NEVAP-02
KD Bath Temperature:	60 °C	Envap Temperature:	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/12/24	RP (Ext Lab)	Sh. Pest/PCB Lab
9:25	Preparation Group	Analysis Group

Analytical Method: M3620C-Florisil cleanup-6, M3640A-GPC cleanup-6

Concentration Date: 11/12/2024

Sample ID	Client Sample ID	Test	g ^g mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
P4780-11	PEST-GPC2-BLANK	Pesticide-TCL	10.0	N/A	RUPESH	rajesh	5			
P4780-12	PEST-GPC2-BLANK-SPIKE	Pesticide-TCL	10.0	N/A	RUPESH	rajesh	5			

WORKLIST(Hardcopy Internal Chain)

WorkList Name : P4780

WorkList ID : 185328

Department : Extraction

Date : 11-11-2024 11:48:00

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4780-05	SVOC-GPC-BLANK	Solid	SVOC-Chemtech Full -25	Cool 4 deg C	CHEM02	L11	11/08/2024	SFAM_SVOC
P4780-06	PEST-GPC-BLANK	Solid	Pesticide-TCL	Cool 4 deg C	CHEM02	L11	11/08/2024	SFAM_PEST
P4780-07	PEST-GPC-BLANK-SPIKE	Solid	Pesticide-TCL	Cool 4 deg C	CHEM02	L11	11/08/2024	SFAM_PEST
P4780-08	PCB-GPC-BLANK	Solid	PCB	Cool 4 deg C	CHEM02	L11	11/08/2024	SFAM_PCB
P4780-09	PCB-GPC-BLANK-SPIKE	Solid	PCB	Cool 4 deg C	CHEM02	L11	11/08/2024	SFAM_PCB
P4780-10	SVOC-GPC2-BLANK	Solid	SVOC-Chemtech Full -25	Cool 4 deg C	CHEM02	L11	11/08/2024	SFAM_SVOC
P4780-11	PEST-GPC2-BLANK	Solid	Pesticide-TCL	Cool 4 deg C	CHEM02	L11	11/08/2024	SFAM_PEST
P4780-12	PEST-GPC2-BLANK-SPIKE	Solid	Pesticide-TCL	Cool 4 deg C	CHEM02	L11	11/08/2024	SFAM_PEST
P4780-13	PCB-GPC2-BLANK	Solid	PCB	Cool 4 deg C	CHEM02	L11	11/08/2024	SFAM_PCB
P4780-14	PCB-GPC2-BLANK-SPIKE	Solid	PCB	Cool 4 deg C	CHEM02	L11	11/08/2024	SFAM_PCB

Date/Time 11/11/24 11:50
 Raw Sample Received by: R.J. [Signature]
 Raw Sample Relinquished by: [Signature]

Date/Time 11/11/24 12:10
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: R.J. [Signature]



SHIPPING DOCUMENTS



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