

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:	P5288	OrderDate:	12/13/2024 2:39:00 PM
Client:	Chemtech Consulting Group	Project:	Weekly Storage Blanks
Contact:	QA Officer	Location:	M11,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5288-11	PEST-GPC2-BLANK	SOIL	Pesticide-TCL	SFAM_PEST	12/13/24	12/16/24	12/17/24	12/13/24
P5288-12	PEST-GPC2-BLANK-SP IKE	SOIL	Pesticide-TCL	SFAM_PEST	12/13/24	12/16/24	12/17/24	12/13/24
P5288-13	PCB-GPC2-BLANK	SOIL	PCB	SFAM_PCB	12/13/24	12/16/24	12/17/24	12/13/24
P5288-14	PCB-GPC2-BLANK-SPI KE	SOIL	PCB	SFAM_PCB	12/13/24	12/16/24	12/17/24	12/13/24

Hit Summary Sheet
SW-846

SDG No.: P5288

Order ID: P5288

Client: Chemtech Consulting Group

Project ID: Weekly Storage Blanks

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : PEST-GPC2-BLANK-SPIKE								
P5288-12	PEST-GPC2-BLANK· SOIL		gamma-BHC (Lindane)	20.0		0.48	5.10	ug/kg
P5288-12	PEST-GPC2-BLANK· SOIL		Heptachlor	19.0		0.57	5.10	ug/kg
P5288-12	PEST-GPC2-BLANK· SOIL		Aldrin	19.0		0.39	5.10	ug/kg
P5288-12	PEST-GPC2-BLANK· SOIL		Dieldrin	39.0		0.45	9.90	ug/kg
P5288-12	PEST-GPC2-BLANK· SOIL		Endrin	39.0		0.63	9.90	ug/kg
P5288-12	PEST-GPC2-BLANK· SOIL		4,4-DDT	40.0		0.63	9.90	ug/kg
Total Concentration:				176.000				



QC SUMMARY

Surrogate Summary

SDG No.: P5288

Client: Chemtech Consulting Group

Analytical Method: SFAM_PEST

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
P5288-11	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
P5288-12	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.: P5288

SAS No.: P5288 SDG NO.: P5288

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:	12/13/24
Project:	Weekly Storage Blanks	Date Received:	12/13/24
Client Sample ID:	PEST-GPC2-BLANK	SDG No.:	P5288
Lab Sample ID:	P5288-11	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
PD087143.D	1	12/16/24 11:37	12/17/24 09:57	PB165666

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.39	U	0.39	5.10	ug/kg
319-85-7	beta-BHC	0.39	U	0.39	5.10	ug/kg
319-86-8	delta-BHC	1.40	U	1.40	5.10	ug/kg
58-89-9	gamma-BHC (Lindane)	0.48	U	0.48	5.10	ug/kg
76-44-8	Heptachlor	0.57	U	0.57	5.10	ug/kg
309-00-2	Aldrin	0.39	U	0.39	5.10	ug/kg
1024-57-3	Heptachlor epoxide	0.42	U	0.42	5.10	ug/kg
959-98-8	Endosulfan I	0.39	U	0.39	5.10	ug/kg
60-57-1	Dieldrin	0.45	U	0.45	9.90	ug/kg
72-55-9	4,4-DDE	0.48	U	0.48	9.90	ug/kg
72-20-8	Endrin	0.63	U	0.63	9.90	ug/kg
33213-65-9	Endosulfan II	0.57	U	0.57	9.90	ug/kg
72-54-8	4,4-DDD	0.57	U	0.57	9.90	ug/kg
1031-07-8	Endosulfan Sulfate	0.60	U	0.60	9.90	ug/kg
50-29-3	4,4-DDT	0.63	U	0.63	9.90	ug/kg
72-43-5	Methoxychlor	0.75	U	0.75	51.0	ug/kg
53494-70-5	Endrin ketone	0.45	U	0.45	9.90	ug/kg
7421-93-4	Endrin Aldehyde	0.54	U	0.54	9.90	ug/kg
5103-71-9	cis-Chlordane	0.39	U	0.39	5.10	ug/kg
5103-74-2	trans-Chlordane	0.39	U	0.39	5.10	ug/kg
8001-35-2	Toxaphene	24.0	U	24.0	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:	12/13/24
Project:	Weekly Storage Blanks	Date Received:	12/13/24
Client Sample ID:	PEST-GPC2-BLANK	SDG No.:	P5288
Lab Sample ID:	P5288-11	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
PD087143.D	1	12/16/24 11:37	12/17/24 09:57	PB165666

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121724\
Data File : PD087143.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Dec 2024 09:57
Operator : AR\AJ
Sample : P5288-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEST-GPC2-BLANK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 17 22:40:23 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112024CLP.M
Quant Title : GC Extractables
QLast Update : Wed Nov 20 02:52:29 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
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System Monitoring Compounds

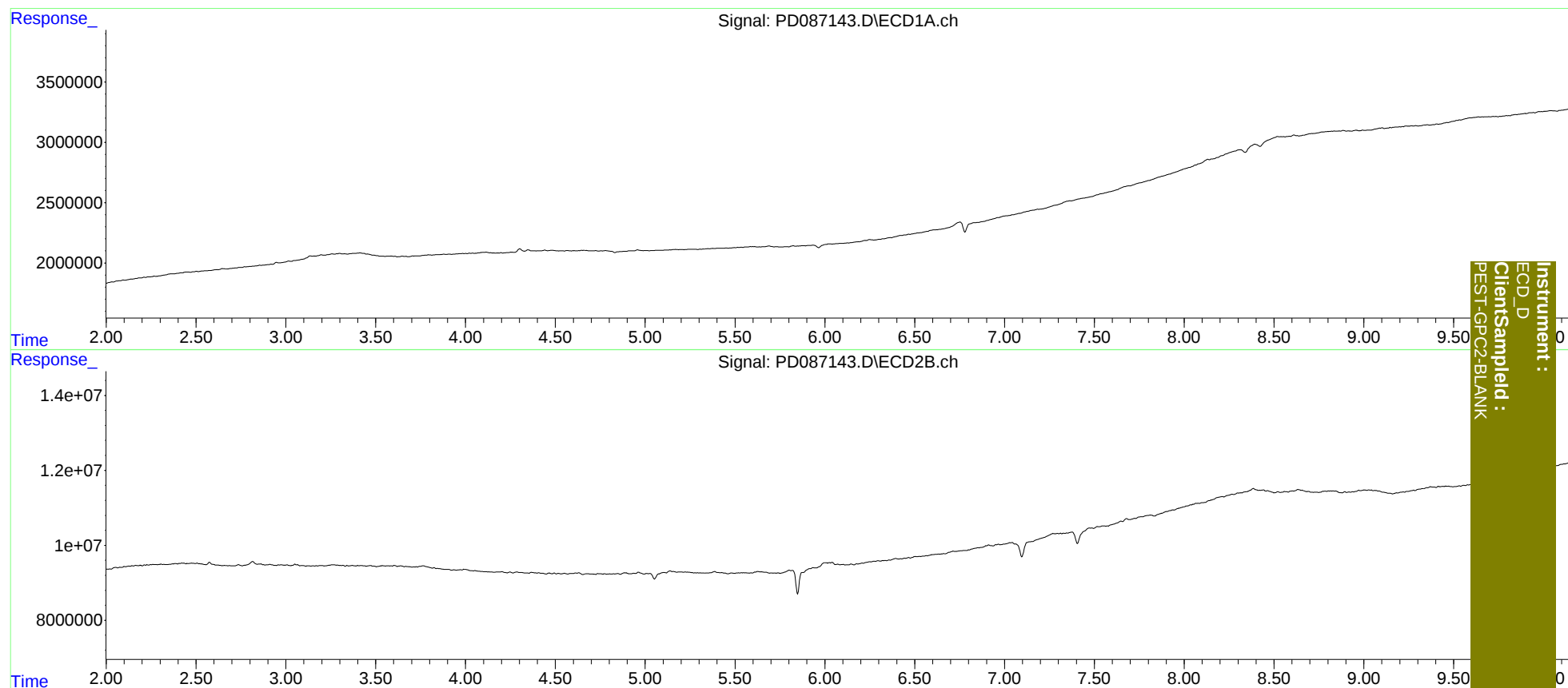
Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121724\
Data File : PD087143.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Dec 2024 09:57
Operator : AR\AJ
Sample : P5288-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 17 22:40:23 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112024CLP.M
Quant Title : GC Extractables
QLast Update : Wed Nov 20 02:52:29 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 x 0.5 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:	12/13/24
Project:	Weekly Storage Blanks	Date Received:	12/13/24
Client Sample ID:	PEST-GPC2-BLANK-SPIKE	SDG No.:	P5288
Lab Sample ID:	P5288-12	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
PD087144.D	1	12/16/24 11:37	12/17/24 10:50	PB165666

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.39	U	0.39	5.10	ug/kg
319-85-7	beta-BHC	0.39	U	0.39	5.10	ug/kg
319-86-8	delta-BHC	1.40	U	1.40	5.10	ug/kg
58-89-9	gamma-BHC (Lindane)	20.0		0.48	5.10	ug/kg
76-44-8	Heptachlor	19.0		0.57	5.10	ug/kg
309-00-2	Aldrin	19.0		0.39	5.10	ug/kg
1024-57-3	Heptachlor epoxide	0.42	U	0.42	5.10	ug/kg
959-98-8	Endosulfan I	0.39	U	0.39	5.10	ug/kg
60-57-1	Dieldrin	39.0		0.45	9.90	ug/kg
72-55-9	4,4-DDE	0.48	U	0.48	9.90	ug/kg
72-20-8	Endrin	39.0		0.63	9.90	ug/kg
33213-65-9	Endosulfan II	0.57	U	0.57	9.90	ug/kg
72-54-8	4,4-DDD	0.57	U	0.57	9.90	ug/kg
1031-07-8	Endosulfan Sulfate	0.60	U	0.60	9.90	ug/kg
50-29-3	4,4-DDT	40.0		0.63	9.90	ug/kg
72-43-5	Methoxychlor	0.75	U	0.75	51.0	ug/kg
53494-70-5	Endrin ketone	0.45	U	0.45	9.90	ug/kg
7421-93-4	Endrin Aldehyde	0.54	U	0.54	9.90	ug/kg
5103-71-9	cis-Chlordane	0.39	U	0.39	5.10	ug/kg
5103-74-2	trans-Chlordane	0.39	U	0.39	5.10	ug/kg
8001-35-2	Toxaphene	24.0	U	24.0	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:	12/13/24
Project:	Weekly Storage Blanks	Date Received:	12/13/24
Client Sample ID:	PEST-GPC2-BLANK-SPIKE	SDG No.:	P5288
Lab Sample ID:	P5288-12	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
PD087144.D	1	12/16/24 11:37	12/17/24 10:50	PB165666

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121724\
 Data File : PD087144.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Dec 2024 10:50
 Operator : AR\AJ
 Sample : P5288-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/18/2024
 Supervised By :Ankita Jodhani 12/18/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 17 22:40:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112024CLP.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 20 02:52:29 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
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System Monitoring Compounds

Target Compounds

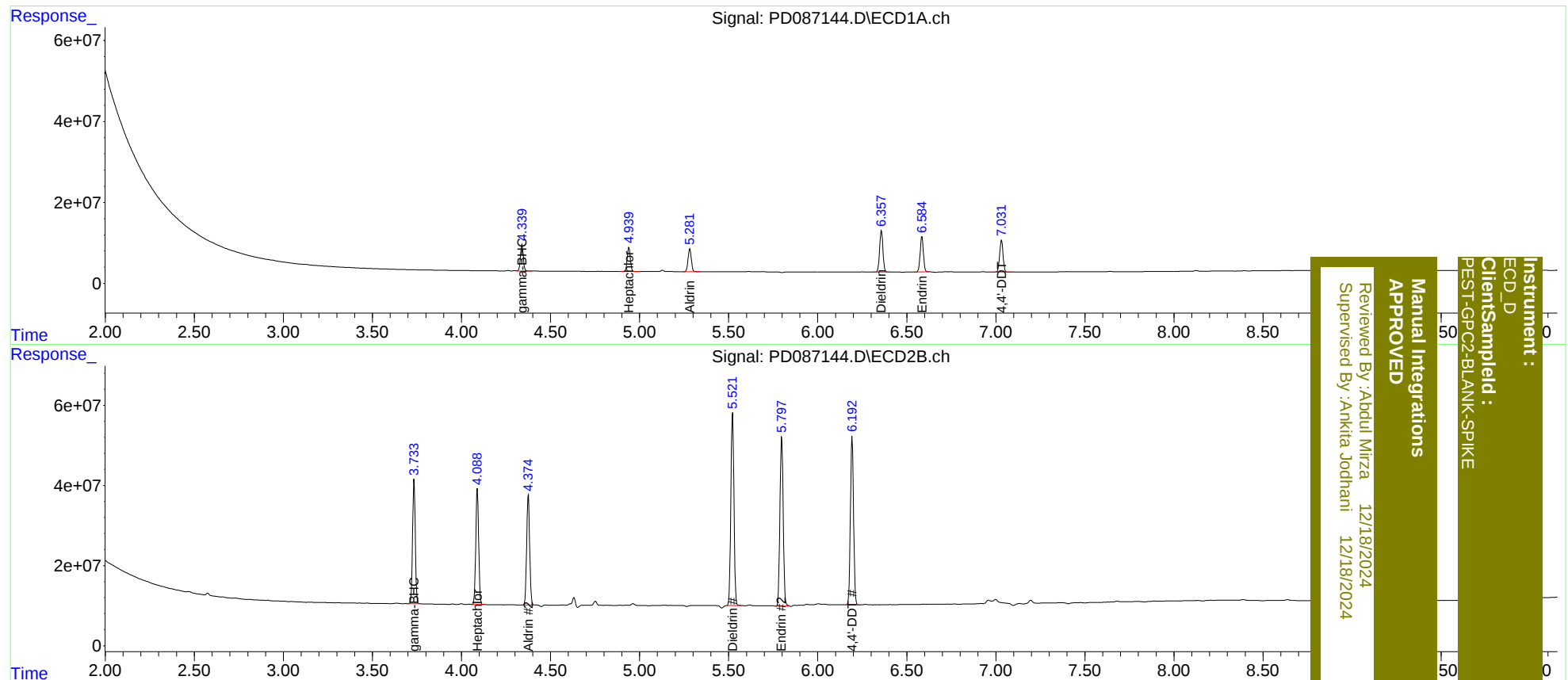
3) MA	gamma-BHC...	4.339	3.733	72221745	328.0E6	20.738m	19.665m
4) MA	Heptachlor	4.940	4.089	72342053	326.6E6	20.819	18.988
5) MB	Aldrin	5.282	4.375	71026587	322.0E6	20.115	18.851
13) MA	Dieldrin	6.358	5.522	132.7E6	587.4E6	40.485	38.445
14) MA	Endrin	6.585	5.798	110.6E6	536.9E6	40.920	38.867
17) MA	4,4'-DDT	7.032	6.193	103.3E6	516.0E6	41.664	39.915

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121724\
Data File : PD087144.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Dec 2024 10:50
Operator : AR\AJ
Sample : P5288-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112024CLP.M
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Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



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Operator : AR\AJ
Sample : P5288-12
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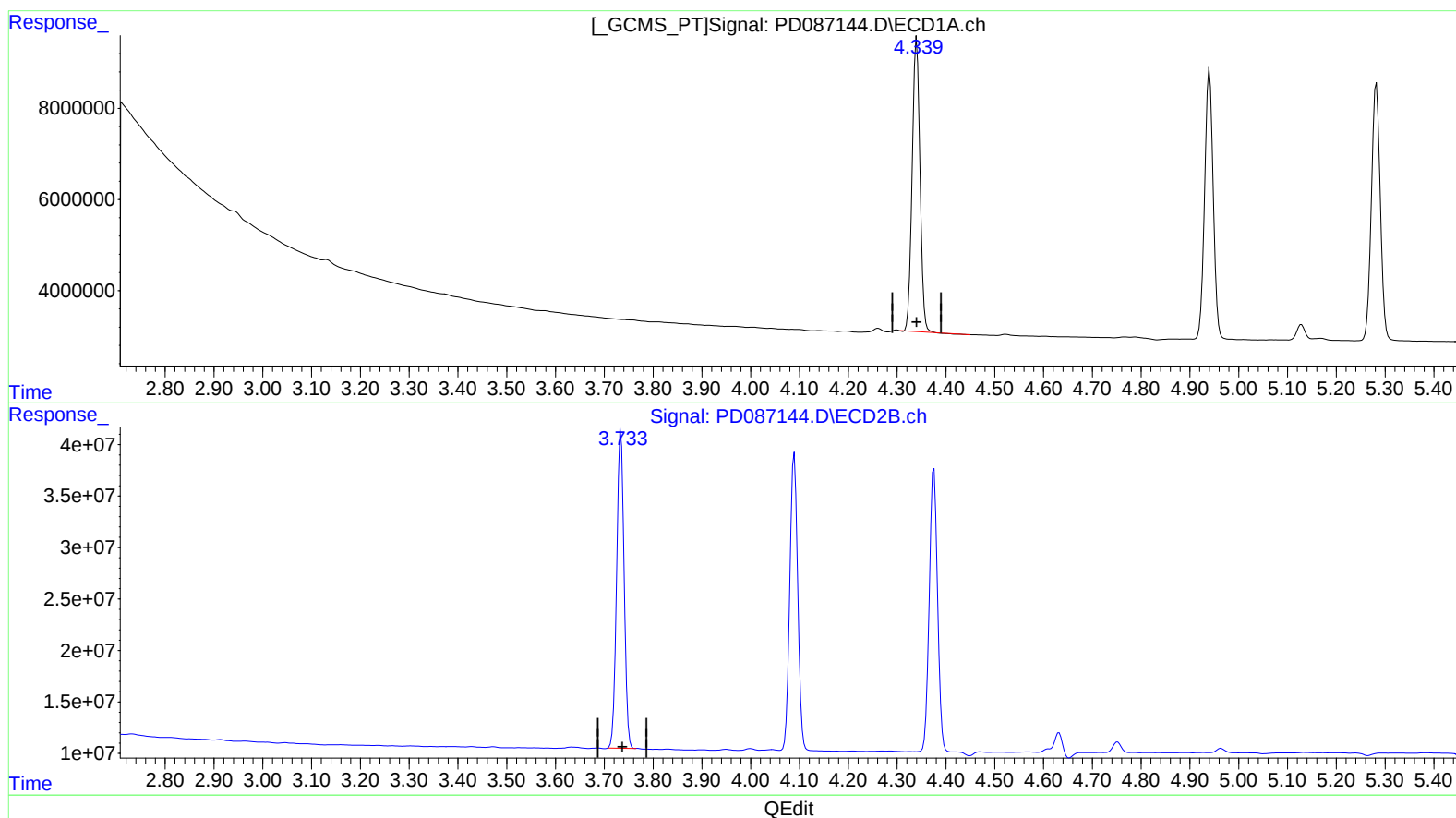
Instrument :
ECD_D
ClientSampleId :
PEST-GPC2-BLANK-SPIKE

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/18/2024
Supervised By :Ankita Jodhani 12/18/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 17 22:40:36 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112024CLP.M
Quant Title : GC Extractables
QLast Update : Wed Nov 20 02:52:29 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



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

4.340min 20.448 ng/ml

response 71212519

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

3.734min 19.594 ng/ml

response 326798699

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121724\
Data File : PD087144.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Dec 2024 10:50
Operator : AR\AJ
Sample : P5288-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

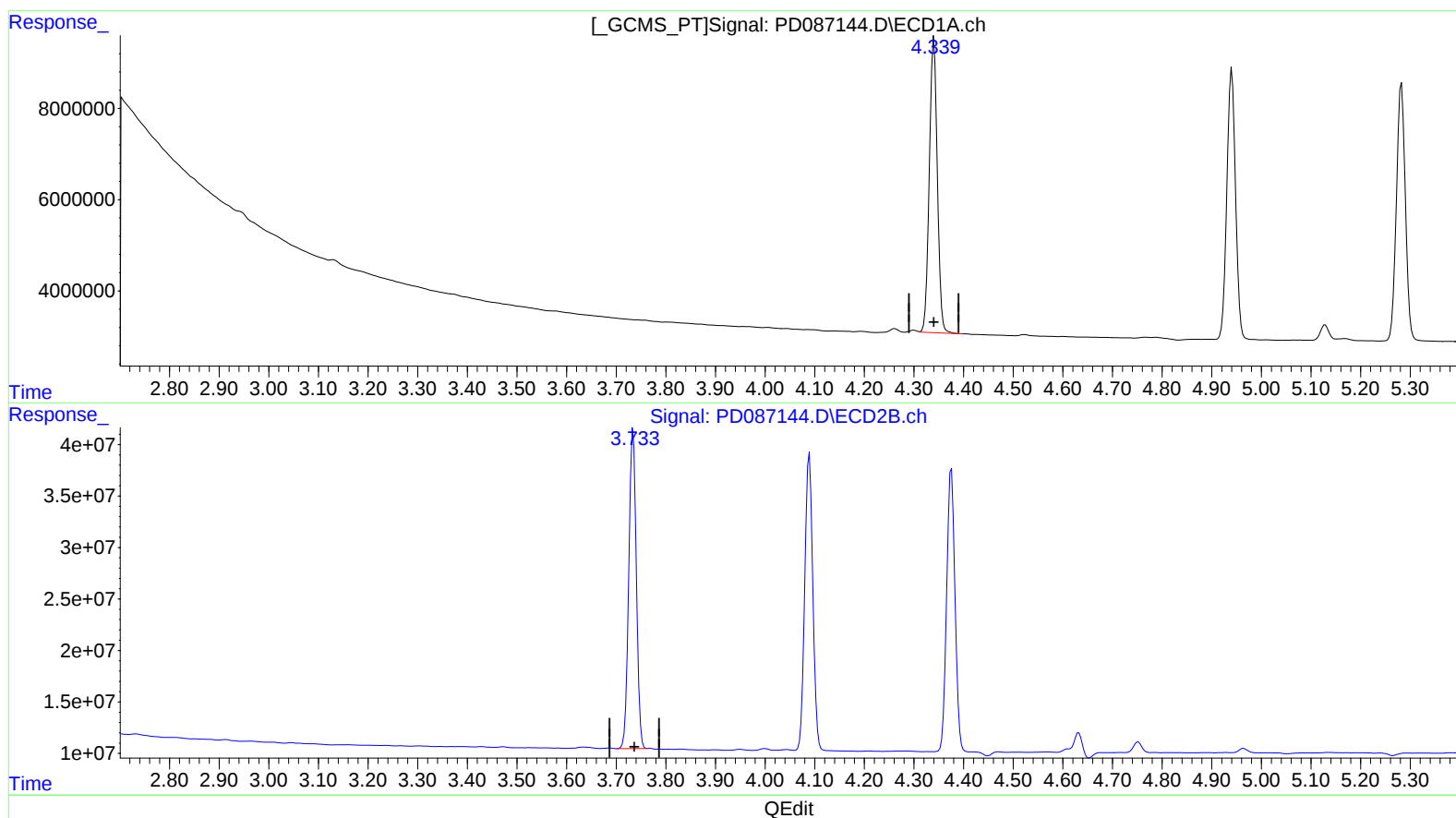
Instrument :
ECD_D
ClientSampleId :
PEST-GPC2-BLANK-SPIKE

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/18/2024
Supervised By :Ankita Jodhani 12/18/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 17 22:40:36 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112024CLP.M
Quant Title : GC Extractables
QLast Update : Wed Nov 20 02:52:29 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



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

4.339min 20.738 ng/ml m

response 72221745

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

3.733min 19.665 ng/ml m

response 327988103



CALIBRATION SUMMARY

FORM 7B-OR

PESTICIDE PERFORMANCE EVALUATION MIXTURE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: _____ Case No.: Weekly St MA No.: _____ SDG No.: _____
 Instrument Blank EPA Sample No. (PIBLK##): _____
 Instrument Blank Lab Sample ID : _____
 EPA Sample No. (PEM##): PEM010 Init. Calib Date(s): 11/19/2024 11/19/2024
 Lab Sample ID (PEM): PEM010 Date Analyzed: _____
 GC Column : ZB-MR1 ID: 0.32 (mm) Time Analyzed: _____
 Date Analyzed: 11/19/2024
 Time Analyzed: 20:23

ANALYTE	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
		FROM	To			
alpha-BHC	4.01	3.96	4.06	9.31	10.00	-6.9
beta-BHC	4.52	4.47	4.57	9.38	10.00	-6.2
gamma-BHC (Lindane)	4.34	4.29	4.39	9.48	10.00	-5.2
Endrin	6.59	6.52	6.66	45.19	50.00	-9.6
4,4'-DDT	7.03	6.96	7.10	102.53	100.00	2.5
Methoxychlor	7.51	7.44	7.58	242.11	250.00	-3.2
TCX	3.56	3.51	3.61	19.68	20.00	-1.6
DCB	9.09	8.99	9.19	20.21	20.00	1.1

4,4'-DDT %Breakdown: (1) 0.38Endrin %Breakdown: (1) 6.48Combined %Breakdown: (1) 6.86

PESTICIDE PERFORMANCE EVALUATION MIXTURE CALIBRATION VERIFICATION SUMMARY

ANALYTE	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
		FROM	To			
alpha-BHC	3.40	3.35	3.45	10.21	10.00	2.1
beta-BHC	4.03	3.98	4.08	9.78	10.00	-2.2
gamma-BHC (Lindane)	3.74	3.69	3.79	10.11	10.00	1.1
Endrin	5.80	5.73	5.87	44.72	50.00	-10.6
4,4'-DDT	6.20	6.13	6.27	91.58	100.00	-8.4
Methoxychlor	6.77	6.70	6.84	235.04	250.00	-6.0
TCX	2.89	2.84	2.94	19.74	20.00	-1.3
DCB	8.09	7.99	8.19	20.80	20.00	4.0

Endrin %Breakdown: (2) 8.82

FORM 7B-OR

PESTICIDE PERFORMANCE EVALUATION MIXTURE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: Case No.: Weekly St MA No.: SDG No.:
 Instrument Blank EPA Sample No. (PIBLK##): PIBLK042
 Instrument Blank Lab Sample ID : PIBLK042
 EPA Sample No. (PEM##): PEM011 Init. Calib Date(s): 11/19/2024 11/19/2024
 Lab Sample ID (PEM): PEM011 Date Analyzed: 11/20/2024
 GC Column : ZB-MR1 ID: 0.32 (mm) Time Analyzed: 00:07
 Date Analyzed: 11/20/2024
 Time Analyzed: 00:21

ANALYTE	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
		FROM	To			
alpha-BHC	4.01	3.96	4.06	9.42	10.00	-5.8
beta-BHC	4.52	4.47	4.57	9.49	10.00	-5.1
gamma-BHC (Lindane)	4.34	4.29	4.39	9.56	10.00	-4.4
Endrin	6.59	6.52	6.66	45.09	50.00	-9.8
4,4'-DDT	7.03	6.96	7.10	101.66	100.00	1.7
Methoxychlor	7.51	7.44	7.58	240.34	250.00	-3.9
TCX	3.56	3.51	3.61	19.81	20.00	-1.0
DCB	9.09	8.99	9.19	20.36	20.00	1.8

4,4'-DDT %Breakdown: (1) 0.92

Endrin %Breakdown: (1) 6.88

Combined %Breakdown: (1) 7.8

FORM 7B-OR

PESTICIDE PERFORMANCE EVALUATION MIXTURE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: Case No.: Weekly St MA No.: SDG No.:
 Instrument Blank EPA Sample No. (PIBLK##): PIBLK042
 Instrument Blank Lab Sample ID : PIBLK042
 EPA Sample No. (PEM##): PEM011 Init. Calib Date(s): 11/19/2024 11/19/2024
 Lab Sample ID (PEM): PEM011 Date Analyzed: 11/20/2024
 GC Column : ZB-MR2 ID: 0.32 (mm) Time Analyzed: 00:07
 Date Analyzed: 11/20/2024
 Time Analyzed: 00:21

ANALYTE	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
		FROM	To			
alpha-BHC	3.40	3.35	3.45	10.29	10.00	2.9
beta-BHC	4.03	3.98	4.08	9.83	10.00	-1.7
gamma-BHC (Lindane)	3.74	3.69	3.79	10.19	10.00	1.9
Endrin	5.80	5.73	5.87	45.05	50.00	-9.9
4,4'-DDT	6.20	6.13	6.27	91.51	100.00	-8.5
Methoxychlor	6.77	6.70	6.84	236.08	250.00	-5.6
TCX	2.88	2.84	2.94	19.82	20.00	-0.9
DCB	8.09	7.99	8.19	20.85	20.00	4.3

4,4'-DDT %Breakdown: (2) 0.99

Endrin %Breakdown: (2) 9.18

Combined %Breakdown: (2) 10.17

FORM 7B-OR

PESTICIDE PERFORMANCE EVALUATION MIXTURE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: Case No.: Weekly St MA No.: SDG No.:
 Instrument Blank EPA Sample No. (PIBLK##): PIBLK062
 Instrument Blank Lab Sample ID : PIBLK062
 EPA Sample No. (PEM##): PEM021 Init. Calib Date(s): 11/19/2024 11/19/2024
 Lab Sample ID (PEM): PEM021 Date Analyzed: 12/17/2024
 GC Column : ZB-MR1 ID: 0.32 (mm) Time Analyzed: 09:24
 Date Analyzed: 12/17/2024
 Time Analyzed: 09:38

ANALYTE	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
		FROM	To			
alpha-BHC	4.00	3.96	4.06	10.84	10.00	8.4
beta-BHC	4.52	4.47	4.57	10.83	10.00	8.3
gamma-BHC (Lindane)	4.34	4.29	4.39	10.89	10.00	8.9
Endrin	6.58	6.52	6.66	49.67	50.00	-0.7
4,4'-DDT	7.03	6.96	7.10	110.46	100.00	10.5
Methoxychlor	7.50	7.44	7.58	259.53	250.00	3.8
TCX	3.56	3.51	3.61	22.58	20.00	12.9
DCB	9.08	8.99	9.19	21.10	20.00	5.5

4,4'-DDT %Breakdown: (1) 0.64

Endrin %Breakdown: (1) 7.22

Combined %Breakdown: (1) 7.86

FORM 7B-OR

PESTICIDE PERFORMANCE EVALUATION MIXTURE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: Case No.: Weekly St MA No.: SDG No.:

Instrument Blank EPA Sample No. (PIBLK##): PIBLK062

Instrument Blank Lab Sample ID : PIBLK062

EPA Sample No. (PEM##): PEM021 Init. Calib Date(s): 11/19/2024 11/19/2024

Lab Sample ID (PEM): PEM021 Date Analyzed: 12/17/2024

GC Column : ZB-MR2 ID: 0.32 (mm) Time Analyzed: 09:24

Date Analyzed: 12/17/2024

Time Analyzed: 09:38

ANALYTE	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
		FROM	To			
alpha-BHC	3.40	3.35	3.45	10.50	10.00	5.0
beta-BHC	4.03	3.98	4.08	10.24	10.00	2.4
gamma-BHC (Lindane)	3.73	3.69	3.79	10.49	10.00	4.9
Endrin	5.80	5.73	5.87	45.24	50.00	-9.5
4,4'-DDT	6.19	6.13	6.27	93.29	100.00	-6.7
Methoxychlor	6.76	6.70	6.84	237.80	250.00	-4.9
TCX	2.88	2.84	2.94	20.27	20.00	1.4
DCB	8.09	7.99	8.19	19.93	20.00	-0.4

4,4'-DDT %Breakdown: (2) 0.89

Endrin %Breakdown: (2) 9.14

Combined %Breakdown: (2) 10.03

Analytical Sequence

Client: Chemtech Consulting Group

SDG No.: P5288

Project: Weekly Storage Blanks

Instrument ID: ECD_D

GC Column: ZB-MR1

ID: 0.32 (mm)

Inst. Calib. Date(s): 11/19/2024

11/19/2024

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-GPC2-BLANK	P5288-11	12/17/2024	09:57	PD087143.D	0.00	0.00
PEST-GPC2-BLANK-SPIKE	P5288-12	12/17/2024	10:50	PD087144.D	0.00	0.00

Analytical Sequence

Client: Chemtech Consulting Group

SDG No.: P5288

Project: Weekly Storage Blanks

Instrument ID: ECD_D

GC Column: ZB-MR2

ID: 0.32 (mm)

Inst. Calib. Date(s): 11/19/2024

11/19/2024

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-GPC2-BLANK	P5288-11	12/17/2024	09:57	PD087143.D	0.00	0.00
PEST-GPC2-BLANK-SPIKE	P5288-12	12/17/2024	10:50	PD087144.D	0.00	0.00

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PEST-GPC2-BLANK-SPIKE

Contract: CHEM02

Lab Code: CHEM Case No.: P5288

SAS No.: P5288 SDG NO.: P5288

Lab Sample ID: P5288-12

Date(s) Analyzed: 12/17/2024 12/17/2024

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1 ID: 0.32 (mm)

GC Column: (2): ZB-MR2 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDT	1	7.03	6.98	7.08	42.0	4.4
	2	6.19	6.14	6.24	40.0	
Aldrin	1	5.28	5.23	5.33	20.0	6.7
	2	4.38	4.33	4.43	19.0	
gamma-BHC (Lindane)	1	4.34	4.29	4.39	21.0	5.4
	2	3.73	3.68	3.78	20.0	
Heptachlor	1	4.94	4.89	4.99	21.0	9.6
	2	4.09	4.04	4.14	19.0	
Dieldrin	1	6.36	6.31	6.41	41.0	5.3
	2	5.52	5.47	5.57	39.0	
Endrin	1	6.59	6.54	6.64	41.0	5.3
	2	5.80	5.75	5.85	39.0	



QC SAMPLE DATA

Manual Integration Report

Sequence:

pd112024

Instrument

ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM011	PD086825.D	4,4"-DDD	yogesh	11/20/2024 7:57:47 AM	Ankita	11/20/2024 3:06:30	Peak Integrated by Software
PEM011	PD086825.D	4,4"-DDD #2	yogesh	11/20/2024 7:57:47 AM	Ankita	11/20/2024 3:06:30	Peak Integrated by Software
INDB327	PD086835.D	cis-Chlordane #2	yogesh	11/20/2024 7:58:02 AM	Ankita	11/20/2024 3:06:40	Peak Integrated by Software

Manual Integration Report

Sequence:	pd121724	Instrument	ECD_d
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM021	PD087142.D	4,4"-DDD	Abdul	12/18/2024 9:08:28 AM	Ankita	12/18/2024 11:26:18	Peak Integrated by Software
P5288-12	PD087144.D	gamma-BHC (Lindane)	Abdul	12/18/2024 9:08:31 AM	Ankita	12/18/2024 11:26:19	Peak Integrated by Software
P5288-12	PD087144.D	gamma-BHC (Lindane) #2	Abdul	12/18/2024 9:08:31 AM	Ankita	12/18/2024 11:26:19	Peak Integrated by Software
INDB337	PD087147.D	cis-Chlordane #2	Abdul	12/18/2024 9:08:36 AM	Ankita	12/18/2024 11:26:21	Peak Integrated by Software
INDB337	PD087147.D	Heptachlor epoxide	Abdul	12/18/2024 9:08:36 AM	Ankita	12/18/2024 11:26:21	Peak Integrated by Software
INDB337	PD087147.D	trans-Chlordane #2	Abdul	12/18/2024 9:08:36 AM	Ankita	12/18/2024 11:26:21	Peak Integrated by Software

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD112024

Review By	yogesh	Review On	11/20/2024 7:58:13 AM
Supervise By	Ankita	Supervise On	11/20/2024 3:15:51 PM
SubDirectory	PD112024	HP Acquire Method	HP Processing Method PD112024CLP
STD. NAME	STD REF.#		
Tune/Reschk	PP23732,PP23975		
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	PD086806.D	19 Nov 2024 19:55	AR\AJ	Ok
2	RESC053	PD086807.D	19 Nov 2024 20:09	AR\AJ	Ok
3	PEM010	PD086808.D	19 Nov 2024 20:23	AR\AJ	Ok
4	TOXAPH101	PD086809.D	19 Nov 2024 20:37	AR\AJ	Ok
5	TOXAPH201	PD086810.D	19 Nov 2024 20:51	AR\AJ	Ok
6	TOXAPH301	PD086811.D	19 Nov 2024 21:05	AR\AJ	Ok
7	TOXAPH401	PD086812.D	19 Nov 2024 21:19	AR\AJ	Ok
8	TOXAPH501	PD086813.D	19 Nov 2024 21:33	AR\AJ	Ok
9	INDA101	PD086814.D	19 Nov 2024 21:47	AR\AJ	Ok
10	INDB101	PD086815.D	19 Nov 2024 22:01	AR\AJ	Ok
11	INDA201	PD086816.D	19 Nov 2024 22:15	AR\AJ	Ok
12	INDB201	PD086817.D	19 Nov 2024 22:29	AR\AJ	Ok
13	INDA301	PD086818.D	19 Nov 2024 22:44	AR\AJ	Ok
14	INDB301	PD086819.D	19 Nov 2024 22:58	AR\AJ	Ok
15	INDA401	PD086820.D	19 Nov 2024 23:11	AR\AJ	Ok
16	INDB401	PD086821.D	19 Nov 2024 23:25	AR\AJ	Ok
17	INDA501	PD086822.D	19 Nov 2024 23:39	AR\AJ	Ok
18	INDB501	PD086823.D	19 Nov 2024 23:53	AR\AJ	Ok
19	PIBLK042	PD086824.D	20 Nov 2024 00:07	AR\AJ	Ok
20	PEM011	PD086825.D	20 Nov 2024 00:21	AR\AJ	Ok,M
21	PB165093BL	PD086826.D	20 Nov 2024 00:36	AR\AJ	Ok

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD112024

Review By	yogesh	Review On	11/20/2024 7:58:13 AM
Supervise By	Ankita	Supervise On	11/20/2024 3:15:51 PM
SubDirectory	PD112024	HP Acquire Method	HP Processing Method PD112024CLP
STD. NAME	STD REF.#		
Tune/Reschk	PP23732,PP23975		
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	PB165093BS	PD086827.D	20 Nov 2024 00:50	AR\AJ	Ok,M
23	P4847-02	PD086828.D	20 Nov 2024 01:04	AR\AJ	Dilution
24	P4847-04	PD086829.D	20 Nov 2024 01:18	AR\AJ	Ok,M
25	P4847-05MS	PD086830.D	20 Nov 2024 01:32	AR\AJ	Ok,M
26	P4847-06MSD	PD086831.D	20 Nov 2024 01:46	AR\AJ	Ok,M
27	P4847-07	PD086832.D	20 Nov 2024 02:00	AR\AJ	Ok
28	PIBLK043	PD086833.D	20 Nov 2024 02:14	AR\AJ	Ok
29	INDA327	PD086834.D	20 Nov 2024 02:28	AR\AJ	Ok
30	INDB327	PD086835.D	20 Nov 2024 02:42	AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD121724

Review By	Abdul	Review On	12/18/2024 9:08:57 AM
Supervise By	Ankita	Supervise On	12/18/2024 11:26:26 AM
SubDirectory	PD121724	HP Acquire Method	HP Processing Method pd112024clp
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	PD087140.D	17 Dec 2024 09:10	AR\AJ	Ok
2	PIBLK062	PD087141.D	17 Dec 2024 09:24	AR\AJ	Ok
3	PEM021	PD087142.D	17 Dec 2024 09:38	AR\AJ	Ok,M
4	P5288-11	PD087143.D	17 Dec 2024 09:57	AR\AJ	Ok
5	P5288-12	PD087144.D	17 Dec 2024 10:50	AR\AJ	Ok,M
6	PIBLK063	PD087145.D	17 Dec 2024 11:15	AR\AJ	Ok
7	INDA337	PD087146.D	17 Dec 2024 12:08	AR\AJ	Ok
8	INDB337	PD087147.D	17 Dec 2024 12:22	AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD112024

Review By	yogesh	Review On	11/20/2024 7:58:13 AM
Supervise By	Ankita	Supervise On	11/20/2024 3:15:51 PM
SubDirectory	PD112024	HP Acquire Method	HP Processing Method PD112024CLP
STD. NAME	STD REF.#		
Tune/Reschk	PP23732,PP23975		
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	PD086806.D	19 Nov 2024 19:55		AR\AJ	Ok
2	RESC053	RESC008	PD086807.D	19 Nov 2024 20:09		AR\AJ	Ok
3	PEM010	PEM197	PD086808.D	19 Nov 2024 20:23		AR\AJ	Ok
4	TOXAPH101	TOXAPH1005	PD086809.D	19 Nov 2024 20:37		AR\AJ	Ok
5	TOXAPH201	TOXAPH2006	PD086810.D	19 Nov 2024 20:51		AR\AJ	Ok
6	TOXAPH301	TOXAPH3007	PD086811.D	19 Nov 2024 21:05		AR\AJ	Ok
7	TOXAPH401	TOXAPH4008	PD086812.D	19 Nov 2024 21:19		AR\AJ	Ok
8	TOXAPH501	TOXAPH5009	PD086813.D	19 Nov 2024 21:33		AR\AJ	Ok
9	INDA101	INDA1010	PD086814.D	19 Nov 2024 21:47		AR\AJ	Ok
10	INDB101	INDB1011	PD086815.D	19 Nov 2024 22:01		AR\AJ	Ok
11	INDA201	INDA2012	PD086816.D	19 Nov 2024 22:15		AR\AJ	Ok
12	INDB201	INDB2013	PD086817.D	19 Nov 2024 22:29		AR\AJ	Ok
13	INDA301	INDA3014	PD086818.D	19 Nov 2024 22:44		AR\AJ	Ok
14	INDB301	INDB3015	PD086819.D	19 Nov 2024 22:58		AR\AJ	Ok
15	INDA401	INDA4016	PD086820.D	19 Nov 2024 23:11		AR\AJ	Ok
16	INDB401	INDB4017	PD086821.D	19 Nov 2024 23:25		AR\AJ	Ok
17	INDA501	INDA5018	PD086822.D	19 Nov 2024 23:39		AR\AJ	Ok
18	INDB501	INDB5019	PD086823.D	19 Nov 2024 23:53		AR\AJ	Ok

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD112024

Review By	yogesh	Review On	11/20/2024 7:58:13 AM
Supervise By	Ankita	Supervise On	11/20/2024 3:15:51 PM
SubDirectory	PD112024	HP Acquire Method	HP Processing Method PD112024CLP
STD. NAME	STD REF.#		
Tune/Reschk	PP23732,PP23975		
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	PIBLK042	PIBLK405	PD086824.D	20 Nov 2024 00:07		AR\AJ	Ok
20	PEM011	PEM198	PD086825.D	20 Nov 2024 00:21		AR\AJ	Ok,M
21	PB165093BL	PBLK093	PD086826.D	20 Nov 2024 00:36		AR\AJ	Ok
22	PB165093BS	PLCS093	PD086827.D	20 Nov 2024 00:50		AR\AJ	Ok,M
23	P4847-02	A0AT1	PD086828.D	20 Nov 2024 01:04	Need dilution	AR\AJ	Dilution
24	P4847-04	A0AT5	PD086829.D	20 Nov 2024 01:18		AR\AJ	Ok,M
25	P4847-05MS	A0AT5MS	PD086830.D	20 Nov 2024 01:32	DCB low in 1st column	AR\AJ	Ok,M
26	P4847-06MSD	A0AT5MSD	PD086831.D	20 Nov 2024 01:46		AR\AJ	Ok,M
27	P4847-07	A0AT7	PD086832.D	20 Nov 2024 02:00	DCB low in 1st column	AR\AJ	Ok
28	PIBLK043	PIBLK406	PD086833.D	20 Nov 2024 02:14		AR\AJ	Ok
29	INDA327	INDA3159	PD086834.D	20 Nov 2024 02:28		AR\AJ	Ok
30	INDB327	INDB3160	PD086835.D	20 Nov 2024 02:42		AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD121724

Review By	Abdul	Review On	12/18/2024 9:08:57 AM
Supervise By	Ankita	Supervise On	12/18/2024 11:26:26 AM
SubDirectory	PD121724	HP Acquire Method	HP Processing Method pd112024clp

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	PD087140.D	17 Dec 2024 09:10		AR\AJ	Ok
2	PIBLK062	PIBLK425	PD087141.D	17 Dec 2024 09:24		AR\AJ	Ok
3	PEM021	PEM008	PD087142.D	17 Dec 2024 09:38		AR\AJ	Ok,M
4	P5288-11	PEST-GPC2-BLANK	PD087143.D	17 Dec 2024 09:57		AR\AJ	Ok
5	P5288-12	PEST-GPC2-BLANK-S	PD087144.D	17 Dec 2024 10:50		AR\AJ	Ok,M
6	PIBLK063	PIBLK426	PD087145.D	17 Dec 2024 11:15		AR\AJ	Ok
7	INDA337	INDA3179	PD087146.D	17 Dec 2024 12:08		AR\AJ	Ok
8	INDB337	INDB3180	PD087147.D	17 Dec 2024 12:22		AR\AJ	Ok,M

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 12/16/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 17:00
In Date: 12/13/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:25
Out Date: 12/14/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB133946

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
P5277-01	COMP-1A	1	1.15	8.66	9.81	8.81	88.5	
P5277-02	COMP-2A	2	1.16	8.64	9.8	7.98	78.9	
P5277-03	COMP-3A	3	1.19	8.45	9.64	8.79	89.9	
P5277-04	SB-13	4	1.14	8.61	9.75	8.89	90.0	
P5277-05	SB-14	5	1.15	8.81	9.96	9.14	90.7	
P5277-06	SB-15	6	1.18	8.74	9.92	9.08	90.4	
P5277-07	SB-16	7	1.15	8.81	9.96	8.68	85.5	
P5277-08	SB-17	8	1.12	8.86	9.98	7.98	77.4	
P5277-09	SB-18	9	1.16	8.74	9.9	8.34	82.2	
P5277-10	SB-19	10	1.14	8.83	9.97	8.42	82.4	
P5277-11	SB-20	11	1.19	8.52	9.71	8.13	81.5	
P5277-12	SB-21	12	1.17	8.72	9.89	9.05	90.4	
P5277-13	SB-22	13	1.15	8.80	9.95	9.03	89.5	
P5277-14	SB-23	14	1.14	8.61	9.75	8.51	85.6	
P5277-15	SB-24	15	1.16	8.40	9.56	8.68	89.5	
P5279-01	ROCKAWAY-PARK	16	1.18	8.47	9.65	9.11	93.6	
P5279-03	ROCKAWAY-PARK	17	1.15	8.50	9.65	9.14	94.0	
P5287-01	STONES-A	18	1.00	1.00	2.00	2.00	100.0	stone sample, 100 % solids
P5287-02	STONES-A-E2	19	1.00	1.00	2.00	2.00	100.0	stone sample, 100 % solids
P5287-03	STONES-B	20	1.00	1.00	2.00	2.00	100.0	stone sample, 100 % solids
P5287-04	STONES-B-E2	21	1.00	1.00	2.00	2.00	100.0	stone sample, 100 % solids
P5288-05	SVOC-GPC-BLANK	22	1.00	1.00	2.00	2.00	100.0	
P5288-06	PEST-GPC-BLANK	23	1.00	1.00	2.00	2.00	100.0	
P5288-07	PEST-GPC-BLANK-SPIKE	24	1.00	1.00	2.00	2.00	100.0	
P5288-08	PCB-GPC-BLANK	25	1.00	1.00	2.00	2.00	100.0	
P5288-09	PCB-GPC-BLANK-SPIKE	26	1.00	1.00	2.00	2.00	100.0	
P5288-10	SVOC-GPC2-BLANK	27	1.00	1.00	2.00	2.00	100.0	
P5288-11	PEST-GPC2-BLANK	28	1.00	1.00	2.00	2.00	100.0	



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 12/16/2024

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Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:25
Out Date: 12/14/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB133946

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
P5288-12	PEST-GPC2-BLANK-SPIKE	29	1.00	1.00	2.00	2.00	100.0	
P5288-13	PCB-GPC2-BLANK	30	1.00	1.00	2.00	2.00	100.0	
P5288-14	PCB-GPC2-BLANK-SPIKE	31	1.00	1.00	2.00	2.00	100.0	

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

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

Clean Up SOP #: GPC Cleanup, Florisil **Extraction Start Date :** 12/16/2024

Matrix : Solid **Extraction Start Time :** 11:37

Wegh By: N/A **Extraction By:** N/A **Extraction End Date :** 12/17/2024

Balance check: RJ **Filter By:** N/A **Extraction End Time :** 09:20

Balance ID: EX-SC-2 **pH Meter ID:** N/A **Concentration By:** EH

pH Strlp Lot#: N/A **Hood ID:** 3,6,7 **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	PP24060
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	EP2560
Baked Na2SO4	N/A	EP2571
Methylene Chloride	N/A	E3845
Hexane	N/A	E3847
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

Extraction Conformance/Non-Conformance Comments:

No Extraction only GPC Check prepared.

KD Bath ID: WATER BATH-1 **Envap ID:** NEVAP-02

KD Bath Temperature: 60 °C **Envap Temperature:** 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12/17/24	RP (Ext 205)	Dr. Pest / PCB Lab
9:25	Preparation Group	Analysis Group

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

Concentration Date: 12/17/2024

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
P5288-11	PEST-GPC2-BLANK	Pesticide-TCL	10.0	N/A	RUPESH	rajesh	5			
P5288-12	PEST-GPC2-BLANK-SPIKE	Pesticide-TCL	10.0	N/A	RUPESH	rajesh	5			



* Extracts relinquished on the same date as received.

8
12/17/24

WORKLIST(Hardcopy Internal Chain)

WorkList Name : P5288

WorkList ID : 186370

Department : Extraction

Date : 12-16-2024 11:33:37

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P5288-10	SVOC-GPC2-BLANK	Solid	SVOC-Chemtech Full -25	Cool 4 deg C	CHEM02	M11	12/13/2024	SFAM_SVOC
P5288-11	PEST-GPC2-BLANK	Solid	Pesticide-TCL	Cool 4 deg C	CHEM02	M11	12/13/2024	SFAM_PEST
P5288-12	PEST-GPC2-BLANK-SPIKE	Solid	Pesticide-TCL	Cool 4 deg C	CHEM02	M11	12/13/2024	SFAM_PEST
P5288-13	PCB-GPC2-BLANK	Solid	PCB	Cool 4 deg C	CHEM02	M11	12/13/2024	SFAM_PCB
P5288-14	PCB-GPC2-BLANK-SPIKE	Solid	PCB	Cool 4 deg C	CHEM02	M11	12/13/2024	SFAM_PCB

Date/Time 12/16/24 11:34
 Raw Sample Received by: RS (EPT 2024)
 Raw Sample Relinquished by: AP Smith

Date/Time 12/16/24 11:15
 Raw Sample Received by: AP Smith
 Raw Sample Relinquished by: RS (EPT 2024)



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