

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:	Q1180	OrderDate:	1/24/2025 8:56:00 AM
Client:	Chemtech Consulting Group	Project:	Weekly Storage Blanks
Contact:	QA Officer	Location:	E11,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1180-11	PEST-GPC2-BLANK	SOIL	Pesticide-TCL	SFAM_PEST	01/24/25	01/27/25	01/28/25	01/24/25
Q1180-12	PEST-GPC2-BLANK-SP IKE	SOIL	Pesticide-TCL	SFAM_PEST	01/24/25	01/27/25	01/28/25	01/24/25
Q1180-13	PCB-GPC2-BLANK	SOIL	PCB	SFAM_PCB	01/24/25	01/27/25	01/28/25	01/24/25
Q1180-14	PCB-GPC2-BLANK-SPI KE	SOIL	PCB	SFAM_PCB	01/24/25	01/27/25	01/28/25	01/24/25

Hit Summary Sheet
SW-846

SDG No.: Q1180

Order ID: Q1180

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								
Q1180-12	PEST-GPC2-BLANK· SOIL		gamma-BHC (Lindane)	19.0		0.48	5.10	ug/kg
Q1180-12	PEST-GPC2-BLANK· SOIL		Heptachlor	19.0		0.57	5.10	ug/kg
Q1180-12	PEST-GPC2-BLANK· SOIL		Aldrin	19.0		0.39	5.10	ug/kg
Q1180-12	PEST-GPC2-BLANK· SOIL		Dieldrin	36.0		0.45	9.90	ug/kg
Q1180-12	PEST-GPC2-BLANK· SOIL		Endrin	36.0		0.63	9.90	ug/kg
Q1180-12	PEST-GPC2-BLANK· SOIL		4,4-DDT	35.0		0.63	9.90	ug/kg
Total Concentration:				164.000				



QC SUMMARY

Surrogate Summary

SDG No.: Q1180

Client: Chemtech Consulting Group

Analytical Method: SFAM_PEST

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
Q1180-11	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
Q1180-12	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.: Q1180

SAS No.: Q1180 SDG NO.: Q1180

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:	01/24/25
Project:	Weekly Storage Blanks	Date Received:	01/24/25
Client Sample ID:	PEST-GPC2-BLANK	SDG No.:	Q1180
Lab Sample ID:	Q1180-11	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
PD087553.D	1	01/27/25 10:26	01/28/25 12:47	PB166275

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:	01/24/25
Project:	Weekly Storage Blanks	Date Received:	01/24/25
Client Sample ID:	PEST-GPC2-BLANK	SDG No.:	Q1180
Lab Sample ID:	Q1180-11	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
PD087553.D	1	01/27/25 10:26	01/28/25 12:47	PB166275

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\PD012825\
Data File : PD087553.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 12:47
Operator : AR\AJ
Sample : Q1180-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEST-GPC2-BLANK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 29 07:50:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011625CLP.M
Quant Title : GC Extractables
QLast Update : Thu Jan 16 13:39:07 2025
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

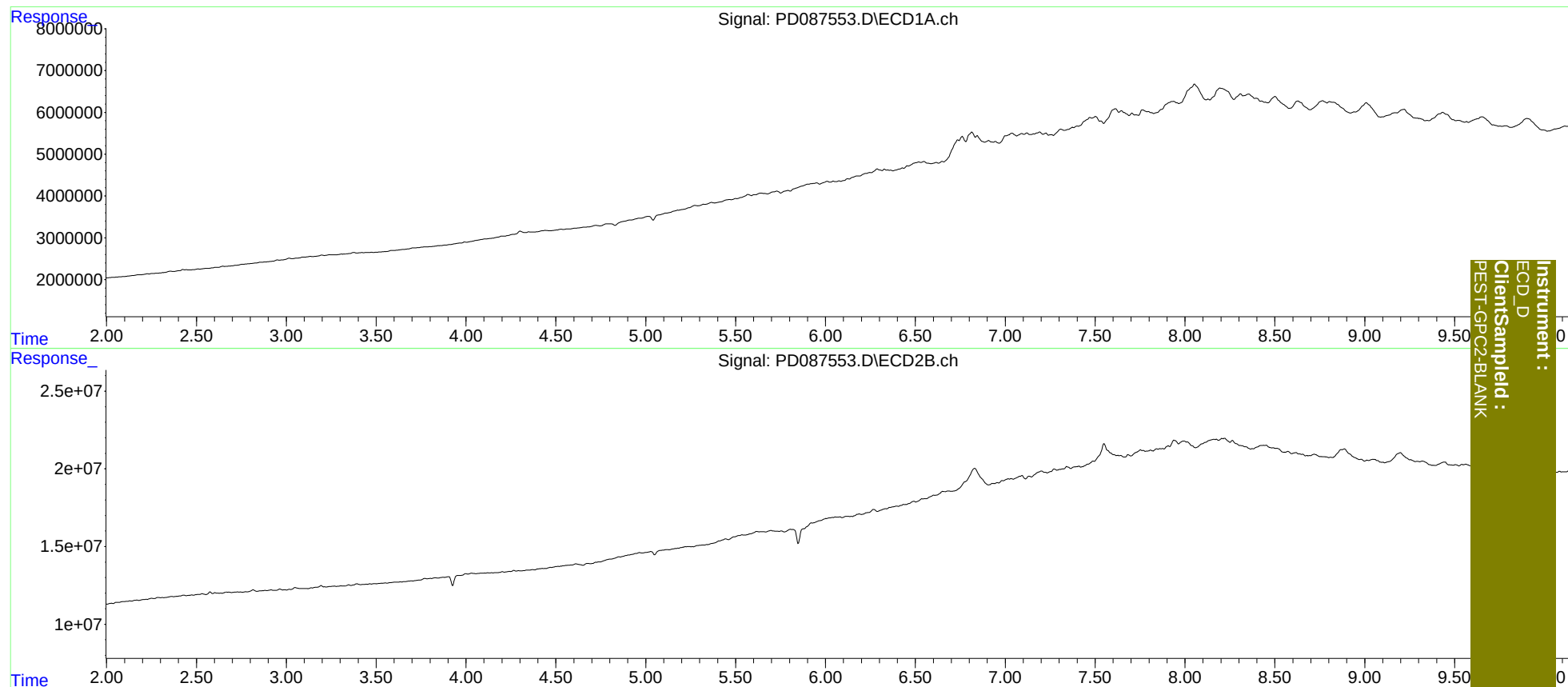
Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012825\
Data File : PD087553.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 12:47
Operator : AR\AJ
Sample : Q1180-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 29 07:50:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011625CLP.M
Quant Title : GC Extractables
QLast Update : Thu Jan 16 13:39:07 2025
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



Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	01/24/25
Project:	Weekly Storage Blanks	Date Received:	01/24/25
Client Sample ID:	PEST-GPC2-BLANK-SPIKE	SDG No.:	Q1180
Lab Sample ID:	Q1180-12	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
PD087554.D	1	01/27/25 10:26	01/28/25 13:01	PB166275

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)	19.0		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	36.0		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	36.0		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	35.0		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:	01/24/25
Project:	Weekly Storage Blanks	Date Received:	01/24/25
Client Sample ID:	PEST-GPC2-BLANK-SPIKE	SDG No.:	Q1180
Lab Sample ID:	Q1180-12	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
PD087554.D	1	01/27/25 10:26	01/28/25 13:01	PB166275

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\PD012825\
 Data File : PD087554.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jan 2025 13:01
 Operator : AR\AJ
 Sample : Q1180-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/29/2025
 Supervised By :Ankita Jodhani 01/29/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 29 07:50:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011625CLP.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 16 13:39:07 2025
 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

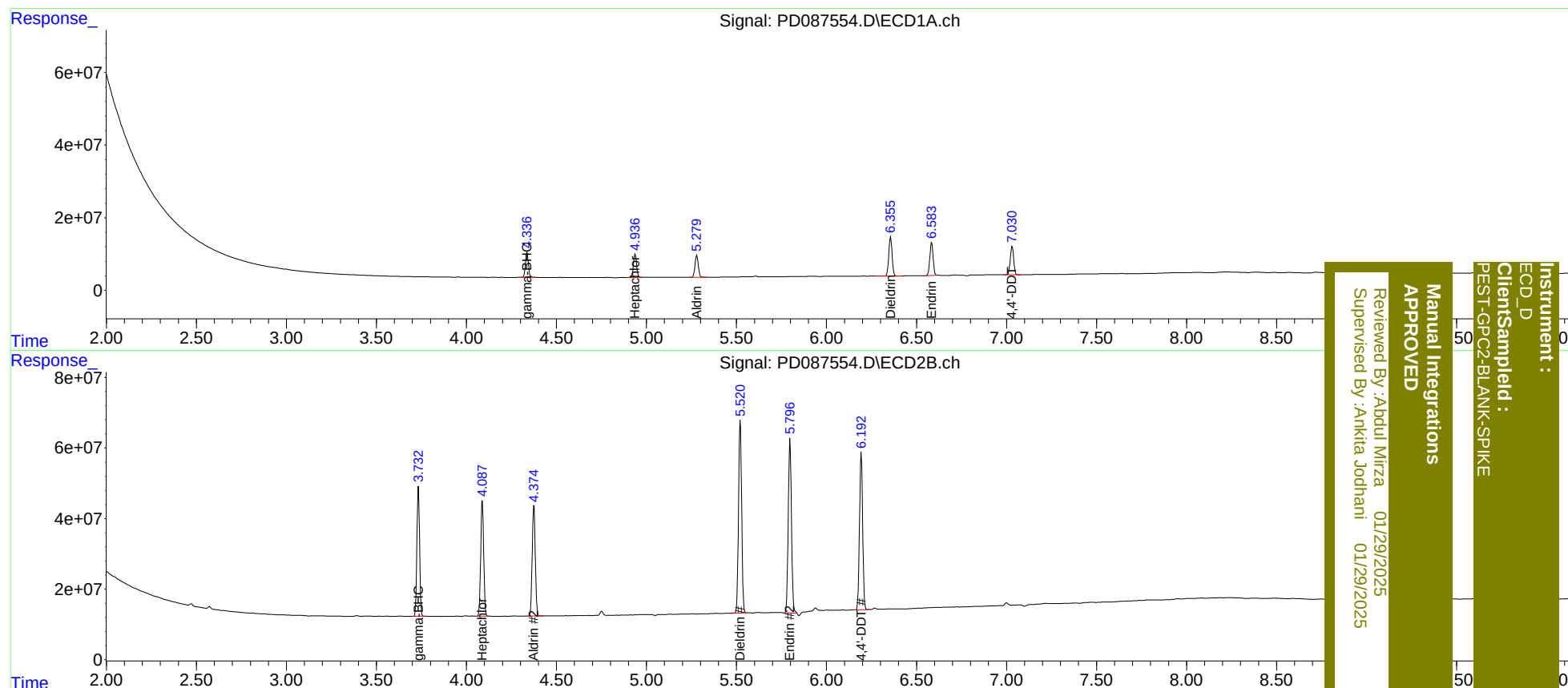
3) MA	gamma-BHC...	4.337	3.734	78077883	386.6E6	19.410	21.106
4) MA	Heptachlor	4.938	4.089	77432988	377.9E6	18.944	20.248
5) MB	Aldrin	5.280	4.375	75880311	376.1E6	18.946	20.807
13) MA	Dieldrin	6.356	5.521	137.9E6	663.0E6	36.176	39.720
14) MA	Endrin	6.583	5.797	115.2E6	602.4E6	35.480m	40.314
17) MA	4,4'-DDT	7.032	6.193	102.4E6	543.2E6	35.329	39.414

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012825\
Data File : PD087554.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 13:01
Operator : AR\AJ
Sample : Q1180-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 29 07:50:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011625CLP.M
Quant Title : GC Extractables
QLast Update : Thu Jan 16 13:39:07 2025
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



Reviewed By: Abdul Mirza 01/29/2025
Supervised By: Ankita Jodhani 01/29/2025

Manual Integrations
APPROVED

Instrument :
ECD_D
Client Sample :
PEST-GPC2-BLANK-SPIKE

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012825\
Data File : PD087554.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 13:01
Operator : AR\AJ
Sample : Q1180-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

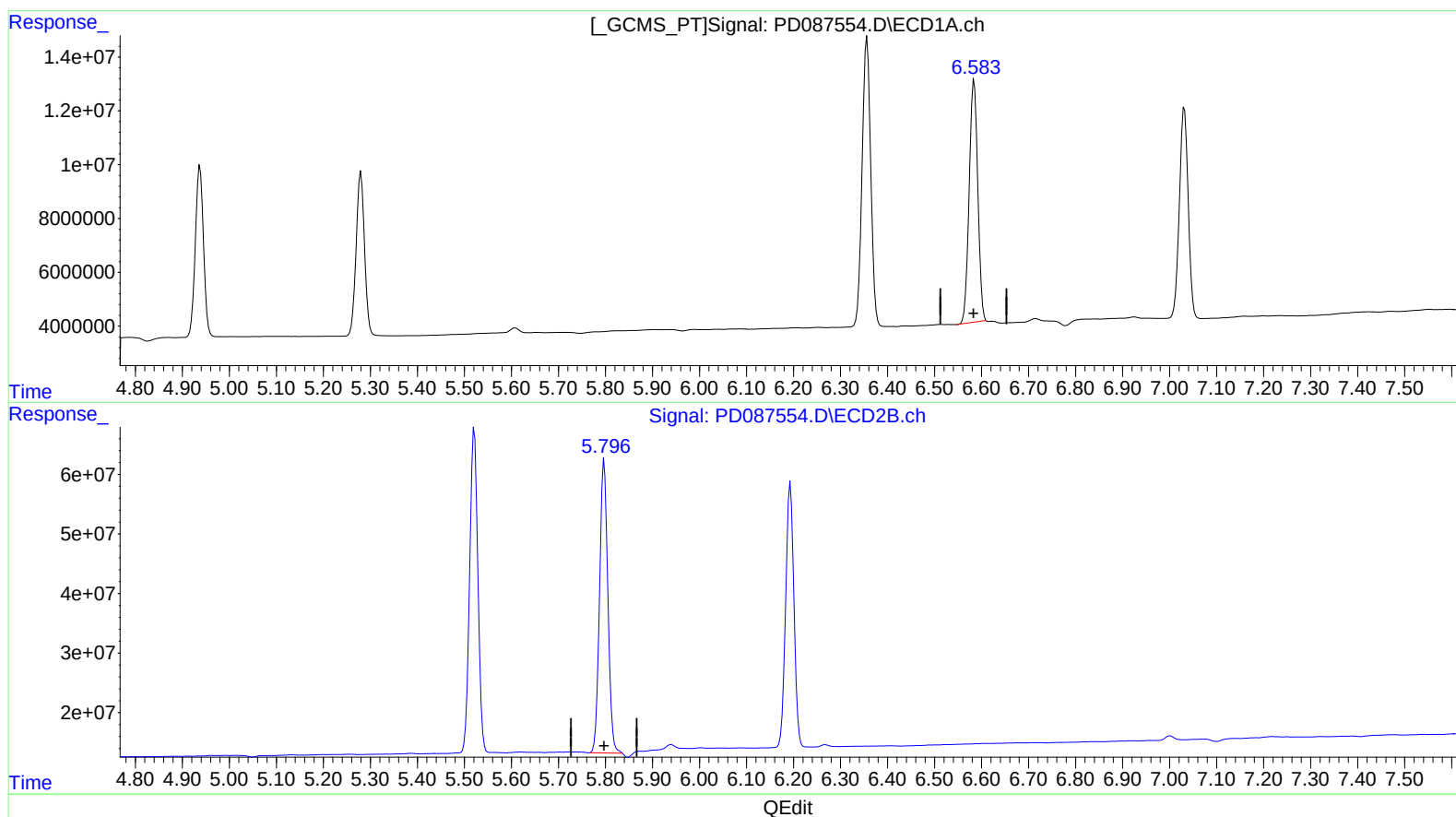
Instrument :
ECD_D
ClientSampleId :
PEST-GPC2-BLANK-SPIKE

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 29 07:50:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011625CLP.M
Quant Title : GC Extractables
QLast Update : Thu Jan 16 13:39:07 2025
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 35.183 ng/ml

response 114194104

(14) Endrin #2 (MA)

5.797min 40.314 ng/ml

response 602390110

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012825\
Data File : PD087554.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 13:01
Operator : AR\AJ
Sample : Q1180-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

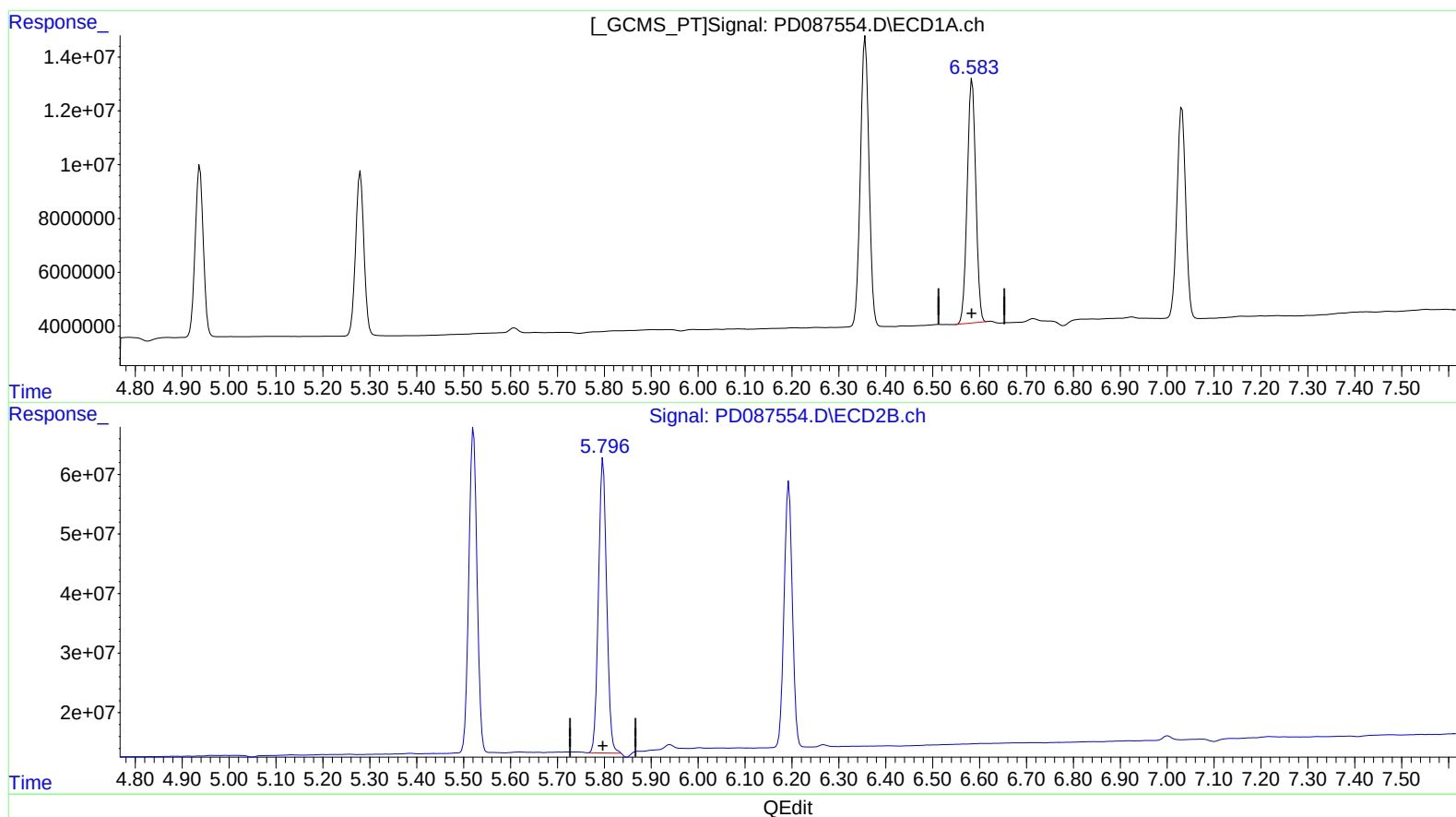
Instrument :
ECD_D
ClientSampleId :
PEST-GPC2-BLANK-SPIKE

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 29 07:50:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011625CLP.M
Quant Title : GC Extractables
QLast Update : Thu Jan 16 13:39:07 2025
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)
6.583min 35.480 ng/ml m
response 115155548

(14) Endrin #2 (MA)
5.797min 40.314 ng/ml
response 602390110



CALIBRATION SUMMARY

Analytical Sequence

Client: Chemtech Consulting Group

SDG No.: Q1180

Project: Weekly Storage Blanks

Instrument ID: ECD_D

GC Column: ZB-MR1

ID: 0.32 (mm)

Inst. Calib. Date(s): 01/16/2025 01/16/2025

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	Q1180-11	01/28/2025	12:47	PD087553.D	0.00	0.00
PEST-GPC2-BLANK-SPIKE	Q1180-12	01/28/2025	13:01	PD087554.D	0.00	0.00

Analytical Sequence

Client: Chemtech Consulting Group

SDG No.: Q1180

Project: Weekly Storage Blanks

Instrument ID: ECD_D

GC Column: ZB-MR2

ID: 0.32 (mm)

Inst. Calib. Date(s): 01/16/2025 01/16/2025

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	Q1180-11	01/28/2025	12:47	PD087553.D	0.00	0.00
PEST-GPC2-BLANK-SPIKE	Q1180-12	01/28/2025	13:01	PD087554.D	0.00	0.00

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PEST-GPC2-BLANK-SPIKE

Contract: CHEM02

Lab Code: CHEM Case No.: Q1180

SAS No.: Q1180 SDG NO.: Q1180

Lab Sample ID: Q1180-12

Date(s) Analyzed: 01/28/2025 01/28/2025

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		
gamma-BHC (Lindane)	1	4.34	4.29	4.39	19.0	8.8
	2	3.73	3.68	3.78	21.0	
Heptachlor	1	4.94	4.89	4.99	19.0	6.9
	2	4.09	4.04	4.14	20.0	
Aldrin	1	5.28	5.23	5.33	19.0	9.8
	2	4.38	4.33	4.43	21.0	
Dieldrin	1	6.36	6.31	6.41	36.0	9.8
	2	5.52	5.47	5.57	40.0	
Endrin	1	6.58	6.53	6.63	36.0	13.6
	2	5.80	5.75	5.85	40.0	
4,4'-DDT	1	7.03	6.98	7.08	35.0	11.5
	2	6.19	6.14	6.24	39.0	



QC SAMPLE DATA

Manual Integration Report

Sequence:	PD011625	Instrument	ECD_d
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
TOXAPH101	PD087395.D	Decachlorobiphenyl #2	Abdul	1/17/2025 8:00:51 AM	Ankita	1/17/2025 8:44:40	Peak Integrated by Software
TOXAPH101	PD087395.D	Toxaphene-4 #2	Abdul	1/17/2025 8:00:51 AM	Ankita	1/17/2025 8:44:40	Peak Integrated by Software
PEM042	PD087411.D	4,4"-DDD	Abdul	1/17/2025 8:00:55 AM	Ankita	1/17/2025 8:44:41	Peak Integrated by Software
PEM042	PD087411.D	4,4"-DDD #2	Abdul	1/17/2025 8:00:55 AM	Ankita	1/17/2025 8:44:41	Peak Integrated by Software

Manual Integration Report

Sequence:	PD012825	Instrument	ECD_d
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1180-12	PD087554.D	Endrin	Abdul	1/29/2025 9:08:40 AM	Ankita	1/29/2025 12:59:55	Peak Integrated by Software
INDB304	PD087557.D	4,4"-DDE	Abdul	1/30/2025 9:37:01 AM	Ankita	1/31/2025 8:40:48	Peak Integrated by Software
INDB304	PD087557.D	cis-Chlordane	Abdul	1/30/2025 9:37:01 AM	Ankita	1/31/2025 8:40:48	Peak Integrated by Software
INDB304	PD087557.D	Endosulfan Sulfate	Abdul	1/30/2025 9:37:01 AM	Ankita	1/31/2025 8:40:48	Peak Integrated by Software
PIBLK105	PD087569.D	Decachlorobiphenyl	Abdul	1/29/2025 9:09:12 AM	Ankita	1/29/2025 1:01:10	Peak Integrated by Software
PEM051	PD087570.D	Decachlorobiphenyl	Abdul	1/30/2025 9:37:05 AM	Ankita	1/31/2025 8:40:50	Peak Integrated by Software

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD011625

Review By	Abdul	Review On	1/17/2025 8:01:10 AM
Supervise By	Ankita	Supervise On	1/17/2025 8:44:47 AM
SubDirectory	PD011625	HP Acquire Method	HP Processing Method pd011625clp
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	PD087392.D	16 Jan 2025 09:21	AR\AJ	Ok
2	RESC056	PD087393.D	16 Jan 2025 09:35	AR\AJ	Ok
3	PEM041	PD087394.D	16 Jan 2025 09:49	AR\AJ	Ok
4	TOXAPH101	PD087395.D	16 Jan 2025 10:03	AR\AJ	Ok,M
5	TOXAPH201	PD087396.D	16 Jan 2025 10:17	AR\AJ	Ok
6	TOXAPH301	PD087397.D	16 Jan 2025 10:31	AR\AJ	Ok
7	TOXAPH401	PD087398.D	16 Jan 2025 10:45	AR\AJ	Ok
8	TOXAPH501	PD087399.D	16 Jan 2025 10:59	AR\AJ	Ok
9	INDA101	PD087400.D	16 Jan 2025 11:14	AR\AJ	Ok
10	INDB101	PD087401.D	16 Jan 2025 11:28	AR\AJ	Ok
11	INDA201	PD087402.D	16 Jan 2025 11:42	AR\AJ	Ok
12	INDB201	PD087403.D	16 Jan 2025 11:56	AR\AJ	Ok
13	INDA301	PD087404.D	16 Jan 2025 12:10	AR\AJ	Ok
14	INDB301	PD087405.D	16 Jan 2025 12:24	AR\AJ	Ok
15	INDA401	PD087406.D	16 Jan 2025 12:38	AR\AJ	Ok
16	INDB401	PD087407.D	16 Jan 2025 12:52	AR\AJ	Ok
17	INDA501	PD087408.D	16 Jan 2025 13:06	AR\AJ	Ok
18	INDB501	PD087409.D	16 Jan 2025 13:21	AR\AJ	Ok
19	PIBLK092	PD087410.D	16 Jan 2025 13:35	AR\AJ	Ok
20	PEM042	PD087411.D	16 Jan 2025 14:05	AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD012825

Review By	Abdul	Review On	1/29/2025 9:09:34 AM
Supervise By	Ankita	Supervise On	1/29/2025 1:01:23 PM
SubDirectory	PD012825	HP Acquire Method	HP Processing Method pd011625clp
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	PD087545.D	28 Jan 2025 08:38	AR\AJ	Ok
2	PIBLK103	PD087546.D	28 Jan 2025 08:52	AR\AJ	Ok
3	PEM050	PD087547.D	28 Jan 2025 09:06	AR\AJ	Ok
4	Q1148-07	PD087548.D	28 Jan 2025 09:21	AR\AJ	Dilution
5	Q1148-07DL	PD087549.D	28 Jan 2025 11:12	AR\AJ	Dilution
6	Q1148-07DL2	PD087550.D	28 Jan 2025 11:27	AR\AJ	Ok,M
7	Q1174-08	PD087551.D	28 Jan 2025 12:09	AR\AJ	Ok,M
8	Q1174-09	PD087552.D	28 Jan 2025 12:27	AR\AJ	Ok,M
9	Q1180-11	PD087553.D	28 Jan 2025 12:47	AR\AJ	Ok
10	Q1180-12	PD087554.D	28 Jan 2025 13:01	AR\AJ	Ok,M
11	PIBLK104	PD087555.D	28 Jan 2025 13:15	AR\AJ	Ok
12	INDA304	PD087556.D	28 Jan 2025 13:30	AR\AJ	Ok
13	INDB304	PD087557.D	28 Jan 2025 13:44	AR\AJ	Ok,M
14	Q1174-11	PD087558.D	28 Jan 2025 13:58	AR\AJ	Not Ok
15	Q1174-12	PD087559.D	28 Jan 2025 14:12	AR\AJ	Not Ok
16	Q1174-13	PD087560.D	28 Jan 2025 14:26	AR\AJ	Not Ok
17	Q1174-14	PD087561.D	28 Jan 2025 14:40	AR\AJ	Not Ok
18	Q1174-15MS	PD087562.D	28 Jan 2025 14:54	AR\AJ	Not Ok
19	Q1174-16MSD	PD087563.D	28 Jan 2025 15:08	AR\AJ	Not Ok
20	Q1174-17	PD087564.D	28 Jan 2025 15:22	AR\AJ	Not Ok
21	Q1174-20	PD087565.D	28 Jan 2025 15:36	AR\AJ	Not Ok

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD012825

Review By	Abdul	Review On	1/29/2025 9:09:34 AM
Supervise By	Ankita	Supervise On	1/29/2025 1:01:23 PM
SubDirectory	PD012825	HP Acquire Method	HP Processing Method pd011625clp
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	Q1174-21	PD087566.D	28 Jan 2025 15:50	AR\AJ	Not Ok
23	Q1174-22	PD087567.D	28 Jan 2025 16:04	AR\AJ	Ok,M
24	Q1174-23	PD087568.D	28 Jan 2025 16:18	AR\AJ	Ok,M
25	PIBLK105	PD087569.D	28 Jan 2025 16:32	AR\AJ	Ok,M
26	PEM051	PD087570.D	28 Jan 2025 16:46	AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD011625

Review By	Abdul	Review On	1/17/2025 8:01:10 AM
Supervise By	Ankita	Supervise On	1/17/2025 8:44:47 AM
SubDirectory	PD011625	HP Acquire Method	HP Processing Method pd011625clp

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	PD087392.D	16 Jan 2025 09:21		AR\AJ	Ok
2	RESC056	RESC011	PD087393.D	16 Jan 2025 09:35		AR\AJ	Ok
3	PEM041	PEM030	PD087394.D	16 Jan 2025 09:49		AR\AJ	Ok
4	TOXAPH101	TOXAPH1042	PD087395.D	16 Jan 2025 10:03		AR\AJ	Ok,M
5	TOXAPH201	TOXAPH2043	PD087396.D	16 Jan 2025 10:17		AR\AJ	Ok
6	TOXAPH301	TOXAPH3044	PD087397.D	16 Jan 2025 10:31		AR\AJ	Ok
7	TOXAPH401	TOXAPH4045	PD087398.D	16 Jan 2025 10:45		AR\AJ	Ok
8	TOXAPH501	TOXAPH5046	PD087399.D	16 Jan 2025 10:59		AR\AJ	Ok
9	INDA101	INDA1047	PD087400.D	16 Jan 2025 11:14		AR\AJ	Ok
10	INDB101	INDB1048	PD087401.D	16 Jan 2025 11:28		AR\AJ	Ok
11	INDA201	INDA2049	PD087402.D	16 Jan 2025 11:42		AR\AJ	Ok
12	INDB201	INDB2050	PD087403.D	16 Jan 2025 11:56		AR\AJ	Ok
13	INDA301	INDA3051	PD087404.D	16 Jan 2025 12:10		AR\AJ	Ok
14	INDB301	INDB3052	PD087405.D	16 Jan 2025 12:24		AR\AJ	Ok
15	INDA401	INDA4053	PD087406.D	16 Jan 2025 12:38		AR\AJ	Ok
16	INDB401	INDB4054	PD087407.D	16 Jan 2025 12:52		AR\AJ	Ok
17	INDA501	INDA5055	PD087408.D	16 Jan 2025 13:06		AR\AJ	Ok
18	INDB501	INDB5056	PD087409.D	16 Jan 2025 13:21		AR\AJ	Ok

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD011625

Review By	Abdul	Review On	1/17/2025 8:01:10 AM
Supervise By	Ankita	Supervise On	1/17/2025 8:44:47 AM
SubDirectory	PD011625	HP Acquire Method	HP Processing Method pd011625clp

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	PIBLK092	PIBLK455	PD087410.D	16 Jan 2025 13:35		AR\AJ	Ok
20	PEM042	PEM031	PD087411.D	16 Jan 2025 14:05		AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD012825

Review By	Abdul	Review On	1/29/2025 9:09:34 AM
Supervise By	Ankita	Supervise On	1/29/2025 1:01:23 PM
SubDirectory	PD012825	HP Acquire Method	HP Processing Method pd011625clp

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	PD087545.D	28 Jan 2025 08:38		AR\AJ	Ok
2	PIBLK103	PIBLK466	PD087546.D	28 Jan 2025 08:52		AR\AJ	Ok
3	PEM050	PEM039	PD087547.D	28 Jan 2025 09:06		AR\AJ	Ok
4	Q1148-07	XA176	PD087548.D	28 Jan 2025 09:21	Need 2X & 20X	AR\AJ	Dilution
5	Q1148-07DL	XA176DL	PD087549.D	28 Jan 2025 11:12	Need 20X	AR\AJ	Dilution
6	Q1148-07DL2	XA176DL2	PD087550.D	28 Jan 2025 11:27	TCMX high in 2nd column	AR\AJ	Ok,M
7	Q1174-08	E2938	PD087551.D	28 Jan 2025 12:09	TCMX high in 2nd column	AR\AJ	Ok,M
8	Q1174-09	E2939	PD087552.D	28 Jan 2025 12:27	TCMX high in 2nd column	AR\AJ	Ok,M
9	Q1180-11	PEST-GPC2-BLANK	PD087553.D	28 Jan 2025 12:47		AR\AJ	Ok
10	Q1180-12	PEST-GPC2-BLANK-S	PD087554.D	28 Jan 2025 13:01		AR\AJ	Ok,M
11	PIBLK104	PIBLK467	PD087555.D	28 Jan 2025 13:15		AR\AJ	Ok
12	INDA304	INDA3211	PD087556.D	28 Jan 2025 13:30		AR\AJ	Ok
13	INDB304	INDB3212	PD087557.D	28 Jan 2025 13:44		AR\AJ	Ok,M
14	Q1174-11	E2941	PD087558.D	28 Jan 2025 13:58	DCB low in both column,need cleanup	AR\AJ	Not Ok
15	Q1174-12	E2942	PD087559.D	28 Jan 2025 14:12	need cleanup	AR\AJ	Not Ok
16	Q1174-13	E2943	PD087560.D	28 Jan 2025 14:26	need cleanup	AR\AJ	Not Ok
17	Q1174-14	E2944	PD087561.D	28 Jan 2025 14:40	need cleanup	AR\AJ	Not Ok

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD012825

Review By	Abdul	Review On	1/29/2025 9:09:34 AM
Supervise By	Ankita	Supervise On	1/29/2025 1:01:23 PM
SubDirectory	PD012825	HP Acquire Method	HP Processing Method pd011625clp
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			

18	Q1174-15MS	E2944MS	PD087562.D	28 Jan 2025 14:54	need cleanup	AR\AJ	Not Ok
19	Q1174-16MSD	E2944MSD	PD087563.D	28 Jan 2025 15:08	need cleanup	AR\AJ	Not Ok
20	Q1174-17	E2945	PD087564.D	28 Jan 2025 15:22	need cleanup	AR\AJ	Not Ok
21	Q1174-20	E2950	PD087565.D	28 Jan 2025 15:36	need cleanup	AR\AJ	Not Ok
22	Q1174-21	E2951	PD087566.D	28 Jan 2025 15:50	need cleanup	AR\AJ	Not Ok
23	Q1174-22	E2953	PD087567.D	28 Jan 2025 16:04	DCB low in 2nd column	AR\AJ	Ok,M
24	Q1174-23	E2954	PD087568.D	28 Jan 2025 16:18	DCB low in 2nd column	AR\AJ	Ok,M
25	PIBLK105	PIBLK468	PD087569.D	28 Jan 2025 16:32		AR\AJ	Ok,M
26	PEM051	PEM040	PD087570.D	28 Jan 2025 16:46		AR\AJ	Ok,M

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 1/27/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 16:30
In Date: 01/24/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:00
Out Date: 01/25/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB134400

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
Q1076-04	ARS20-0006	1	1.15	8.68	9.83	8.99	90.3	
Q1180-05	SVOC-GPC-BLANK	2	1.00	1.00	2.00	2.00	100.0	
Q1180-06	PEST-GPC-BLANK	3	1.00	1.00	2.00	2.00	100.0	
Q1180-07	PEST-GPC-BLANK-SPIKE	4	1.00	1.00	2.00	2.00	100.0	
Q1180-08	PCB-GPC-BLANK	5	1.00	1.00	2.00	2.00	100.0	
Q1180-09	PCB-GPC-BLANK-SPIKE	6	1.00	1.00	2.00	2.00	100.0	
Q1180-10	SVOC-GPC2-BLANK	7	1.00	1.00	2.00	2.00	100.0	
Q1180-11	PEST-GPC2-BLANK	8	1.00	1.00	2.00	2.00	100.0	
Q1180-12	PEST-GPC2-BLANK-SPIKE	9	1.00	1.00	2.00	2.00	100.0	
Q1180-13	PCB-GPC2-BLANK	10	1.00	1.00	2.00	2.00	100.0	
Q1180-14	PCB-GPC2-BLANK-SPIKE	11	1.00	1.00	2.00	2.00	100.0	
Q1183-01	VNJ-237	12	1.15	8.82	9.97	8.95	88.4	
Q1183-02	VNJ-237-E2	13	1.15	8.44	9.59	8.69	89.3	
Q1187-01	SP-COMP	14	1.16	8.80	9.96	9.38	93.4	
Q1187-02	SP-COMPE-E2	15	1.16	8.81	9.97	9.47	94.3	

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

WORKLIST(Hardcopy Internal Chain)

VB 134400

WorkList Name : %1-012425

WorkList ID : 187109

Department : Wet-Chemistry

Date : 01-24-2025 07:50:07

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1076-04	ARS20-0006	Solid	Percent Solids	Cool 4 deg C	PSEG03	N41	01/13/2025	Chemtech -SO
Q1180-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	E11	01/24/2025	Chemtech -SO
Q1180-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	E11	01/24/2025	Chemtech -SO
Q1180-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	E11	01/24/2025	Chemtech -SO
Q1180-08	PCB-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	E11	01/24/2025	Chemtech -SO
Q1180-09	PCB-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	E11	01/24/2025	Chemtech -SO
Q1180-10	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	E11	01/24/2025	Chemtech -SO
Q1180-11	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	E11	01/24/2025	Chemtech -SO
Q1180-12	PEST-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	E11	01/24/2025	Chemtech -SO
Q1180-13	PCB-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	E11	01/24/2025	Chemtech -SO
Q1180-14	PCB-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	E11	01/24/2025	Chemtech -SO
Q1183-01	VNU-237	Solid	Percent Solids	Cool 4 deg C	CHEM02	E11	01/24/2025	Chemtech -SO
Q1183-02	VNU-237-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	N31	01/24/2025	Chemtech -SO
Q1187-01	SP-COMP	Solid	Percent Solids	Cool 4 deg C	PSEG03	N31	01/24/2025	Chemtech -SO
Q1187-02	SP-COMPE-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	N41	01/24/2025	Chemtech -SO
					PSEG03	N41	01/24/2025	Chemtech -SO

Date/Time 01/24/25 15:00

Raw Sample Received by: SP WEL

Raw Sample Relinquished by: JTCM

Date/Time 01/24/25 17:00

Raw Sample Received by: JTCM

Raw Sample Relinquished by: SP WEL

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

Clean Up SOP #: GPC Cleanup, Florisil

Extraction Start Date : 01/27/2025

Matrix : Solid

Extraction Start Time : 10:26

Weigh By: N/A

Extraction By: N/A

Extraction End Date : 01/28/2025

Balance check: N/A

Filter By: N/A

Extraction End Time : 09:50

Balance ID: N/A

pH Meter ID: N/A

Concentration By: RS

pH Strip Lot#: N/A

Hood ID: 6,7

Supervisor By : rajesh

Extraction Method: ☐ Separatory Funnel

☐ Continous 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	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	EP2578
Baked Na2SO4	N/A	EP2580
Methylene Chloride	N/A	E3871
Hexane	N/A	E3868
Florisil	N/A	E3806
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

No Extraction only GPC Check prepared.

KD Bath ID: WATER BATH-1

Envap ID: NEVAP-02

KD Bath Temperature: 60 °C

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
01/28/25	RP (Get 1 cab)	AIIFEST PCA Cels
9:55	Preparation Group	Analysis Group

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

Concentration Date: 01/28/2025

Sample ID	Client Sample ID	Test	g / 	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
Q1180-11	PEST-GPC2-BLANK	Pesticide-TCL	10.0	N/A	RUPESH	rajesh	5			
Q1180-12	PEST-GPC2-BLANK-SPIKE	Pesticide-TCL	10.0	N/A	RUPESH	rajesh	5			

WORKLIST(Hardcopy Internal Chain)

Worklist Name : Q1180

Worklist ID : 187171

Department : Extraction

Date : 01-27-2025 10:24:13

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1180-10	SVOC-GPC2-BLANK	Solid	SVOC-Chemtech Full -25	Cool 4 deg C	CHEM02	E11	01/24/2025	SFAM_SVOC
Q1180-11	PEST-GPC2-BLANK	Solid	Pesticide-TCL	Cool 4 deg C	CHEM02	E11	01/24/2025	SFAM_PEST
Q1180-12	PEST-GPC2-BLANK-SPIKE	Solid	Pesticide-TCL	Cool 4 deg C	CHEM02	E11	01/24/2025	SFAM_PEST
Q1180-13	PCB-GPC2-BLANK	Solid	PCB	Cool 4 deg C	CHEM02	E11	01/24/2025	SFAM_PCB
Q1180-14	PCB-GPC2-BLANK-SPIKE	Solid	PCB	Cool 4 deg C	CHEM02	E11	01/24/2025	SFAM_PCB

Date/Time 01/27/25 10:24
 Raw Sample Received by: AS (get 10:3)
 Raw Sample Relinquished by: AS (get 10:3)

Date/Time 01/27/25 10:47
 Raw Sample Received by: AS (get 10:4)
 Raw Sample Relinquished by: AS (get 10:4)



SHIPPING DOCUMENTS

CHEMTECH

CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922

www.chemtech.net

Chemtech Project Number

COC Number

#1
Q1120

CLIENT INFORMATION

PROJECT INFORMATION

BILLING INFORMATION

Report to be sent to:
COMPANY: Chemtech
ADDRESS: 284 Sheffield Street
CITY: Mountainside STATE: NJ ZIP: 08816
ATTENTION: QA Officer
PHONE: (908) 789-8900 FAX: (908) 789-8922

PROJECT NAME: Weekly Storage Blanks
PROJECT #: LOCATION: NJ
PROJECT MANAGER:
E-MAIL:
PHONE: FAX:

BILL TO: Same PO#
ADDRESS:
CITY: STATE: ZIP:
ATTENTION:
PHONE:

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

ANALYSIS

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASPA ☐ NYS ASPB
☐ EDD FORMAT ☐ Other

TO BE APPROVED BY CHEMTECH

STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS

1 VOC-Drinking
2 SVOC-Drinking
3 Pesticides-TEL
4 PCB
5
6
7
8
9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles	PRESERVATIVES									COMMENTS			
			COUP	GRAS	DATE	TIME		A/E	1	2	3	4	5	6	7	8		9		
1.	Storage-Blank-SOIL-REF-6	AQ		X			2	X												
2.	Storage-Blank-WATER-REF-5	AQ		X			2	X												
3.	Storage-Blank-WATER-REF-4	AQ		X			2	X												
4.	Storage-Blank-SAMPLE-MANAGEMENT	AQ		X			2	X												
5.	SVOC-GPC-BLANK	SO		X			2	X												
6.	PEST-GPC-BLANK	SO		X			1		X											
7.	PEST-GPC-BLANK-SPIKE	SO		X			1			X										
8.	PCB-GPC-BLANK	SO		X			1			X										
9.	PCB-GPC-BLANK-SPIKE	SO		X			1				X									
10.	SVOC-GPC2-BLANK	SO		X			1				X									
SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TEST																				

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

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1. SUM	01/24/05	1.
RELINQUISHED BY	DATE/TIME	RECEIVED BY
2.		2.
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY
3.		3.

Conditions of bottles or casks at receipt: ☒ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 6.0

Comments:

Page 1 of 2

CLIENT: ☐ Hand Delivered ☐ Other:
CHEMTECH: ☐ Picked Up

Shipment Complete
☒ YES ☐ NO

10/2018

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT

YELLOW - CHEMTECH COPY

PINK - SAMPLER COPY

CHAIN OF CUSTODY RECORD

www.chemtech.net

COC Number

Q. 118.

CLIENT INFORMATION

Report to be sent to:

Report to be sent to:

COMPANY: CHEMTECH
ADDRESS: 284 S. 92nd Street
CITY: Mountaineer STATE NJ ZIP: 07092
ATTENTION: QA Officer
PHONE 908-789-8200 FAX 908-789-8222

DATA TURNAROUND

PROJECT INFORMATION

PROJECT INFORMATION

PROJECT NAME: Weekly Storage Blanket

PROJECT #: _____

PROJECT MANAGER: _____

E-MAIL: _____

PHONE: _____

LOCATION: AET

DATE: _____

BILLING INFORMATION

BILLING INFORMATION

BILL TO: **SAME**

ADDRESS: **POB**

CITY:

ATTENTION: **SWEE**

PHONE: **ZIP**

DATA TURNAROUND INFORMATION

FAX (PUSH)
 HARDCOPY DATA PACKAGE: 15 DAYS
 ED: _____ DAYS
 TO BE APPROVED BY CHEMTECH _____ DAYS
 STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS
 CHEMTECH

DATA DELIVERABLE
INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (CO + Full Floor Data)

☐ Level 2 (Results + CO) ☐ NJ Reduced ☐ USEPA CLP

☐ Level 3 (Results + CO + ☐ NYS ASP A ☐ NYS ASP B

Flow Data) ☐ Other

☐ EDO FORMAT

ANALYSIS

ANALYSIS

1977
PRESERVATIVES

COMMENTS

← Specify Preservation

A-HCl	D-NaOH
B-HNO3	E-H2O2
C-H2SO4	F-OTHER

[illegible]

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

SAMPLER	DATE/TIME	RECEIVED BY
1	01/24/25	1.
	DATE/TIME	RECEIVED BY
		2.

Comments: ☒ COMPLAINT ☐ NON COMPLAINT ☐ COOK OR TREAT

RECEIVED BY SAMPLER		DATE/TIME		RECEIVED BY	
1. Sam		01/24/25		1.	
RECEIVED BY		DATE/TIME		RECEIVED BY	
2.				2.	
RECEIVED BY		DATE/TIME		RECEIVED BY	
3.				3.	

10/2018

CONDITIONS OF BOLTS OF COLLARS OF BOLTS
Comments: ☒ COMPLAINT ☐ NON COMPLAINT ☐ COOLER TEMP 6-8

Page 2 of 2

CUSTOMER: ☐ Hand Delivered ☐ Other:
CHEMTECH: ☐ Picked Up

Shipment Complete
☒ YES ☐ NO

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT

YELLOW - CHEMTECH COPY

PINK - SAME PAPER COPY



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