

## 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:<br>(1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.)<br>(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

|                 |                           |                   |                        |
|-----------------|---------------------------|-------------------|------------------------|
| <b>OrderID:</b> | P4442                     | <b>OrderDate:</b> | 10/18/2024 10:35:00 AM |
| <b>Client:</b>  | Chemtech Consulting Group | <b>Project:</b>   | Weekly Storage Blanks  |
| <b>Contact:</b> | QA Officer                | <b>Location:</b>  | K11,VOA Ref. #3 Water  |

| LabID    | ClientID              | Matrix | Test          | Method    | Sample Date | Prep Date | Anal Date | Received |
|----------|-----------------------|--------|---------------|-----------|-------------|-----------|-----------|----------|
| P4442-06 | PEST-GPC-BLANK        | SOIL   | Pesticide-TCL | SFAM_PEST | 10/18/24    | 10/21/24  | 10/22/24  | 10/18/24 |
| P4442-07 | PEST-GPC-BLANK-SPIKE  | SOIL   | Pesticide-TCL | SFAM_PEST | 10/18/24    | 10/21/24  | 10/22/24  | 10/18/24 |
| P4442-08 | PCB-GPC-BLANK         | SOIL   | PCB           | SFAM_PCB  | 10/18/24    | 10/21/24  | 10/23/24  | 10/18/24 |
| P4442-09 | PCB-GPC-BLANK-SPIKE   | SOIL   | PCB           | SFAM_PCB  | 10/18/24    | 10/21/24  | 10/23/24  | 10/18/24 |
| P4442-11 | PEST-GPC2-BLANK       | SOIL   | Pesticide-TCL | SFAM_PEST | 10/18/24    | 10/21/24  | 10/28/24  | 10/18/24 |
| P4442-12 | PEST-GPC2-BLANK-SPIKE | SOIL   | Pesticide-TCL | SFAM_PEST | 10/18/24    | 10/21/24  | 10/28/24  | 10/18/24 |
| P4442-13 | PCB-GPC2-BLANK        | SOIL   | PCB           | SFAM_PCB  | 10/18/24    | 10/21/24  | 10/23/24  | 10/18/24 |
| P4442-14 | PCB-GPC2-BLANK-SPIKE  | SOIL   | PCB           | SFAM_PCB  | 10/18/24    | 10/21/24  | 10/23/24  | 10/18/24 |

**Hit Summary Sheet**  
**SW-846**

**SDG No.:** P4442

**Order ID:** P4442

**Client:** Chemtech Consulting Group

**Project ID:** Weekly Storage Blanks

| Sample ID                                | Client ID            | Matrix | Parameter           | Concentration  | C    | MDL | RDL  | Units |
|------------------------------------------|----------------------|--------|---------------------|----------------|------|-----|------|-------|
| <b>Client ID : PEST-GPC-BLANK-SPIKE</b>  |                      |        |                     |                |      |     |      |       |
| P4442-07                                 | PEST-GPC-BLANK-SOIL  |        | gamma-BHC (Lindane) | 17.0           | 0.42 |     | 5.10 | ug/kg |
| P4442-07                                 | PEST-GPC-BLANK-SOIL  |        | Heptachlor          | 18.0           | 0.90 |     | 5.10 | ug/kg |
| P4442-07                                 | PEST-GPC-BLANK-SOIL  |        | Aldrin              | 19.0           | 0.39 |     | 5.10 | ug/kg |
| P4442-07                                 | PEST-GPC-BLANK-SOIL  |        | Dieldrin            | 35.0           | 0.48 |     | 9.90 | ug/kg |
| P4442-07                                 | PEST-GPC-BLANK-SOIL  |        | Endrin              | 37.0           | 0.42 |     | 9.90 | ug/kg |
| P4442-07                                 | PEST-GPC-BLANK-SOIL  |        | 4,4-DDT             | 33.0           | 0.66 |     | 9.90 | ug/kg |
| <b>Total Concentration:</b>              |                      |        |                     | <b>159.000</b> |      |     |      |       |
| <b>Client ID : PEST-GPC2-BLANK-SPIKE</b> |                      |        |                     |                |      |     |      |       |
| P4442-12                                 | PEST-GPC2-BLANK-SOIL |        | gamma-BHC (Lindane) | 20.0           | 0.42 |     | 5.10 | ug/kg |
| P4442-12                                 | PEST-GPC2-BLANK-SOIL |        | Heptachlor          | 20.0           | 0.90 |     | 5.10 | ug/kg |
| P4442-12                                 | PEST-GPC2-BLANK-SOIL |        | Aldrin              | 20.0           | 0.39 |     | 5.10 | ug/kg |
| P4442-12                                 | PEST-GPC2-BLANK-SOIL |        | Dieldrin            | 40.0           | 0.48 |     | 9.90 | ug/kg |
| P4442-12                                 | PEST-GPC2-BLANK-SOIL |        | Endrin              | 40.0           | 0.42 |     | 9.90 | ug/kg |
| P4442-12                                 | PEST-GPC2-BLANK-SOIL |        | 4,4-DDT             | 38.0           | 0.66 |     | 9.90 | ug/kg |
| <b>Total Concentration:</b>              |                      |        |                     | <b>178.000</b> |      |     |      |       |



# QC SUMMARY

### Surrogate Summary

SDG No.: P4442

Client: Chemtech Consulting Group

Analytical Method: SFAM\_PEST

| Lab Sample ID | Client ID             | Parameter | Column | Spike | Result | Rec | Qual | Limits |      |
|---------------|-----------------------|-----------|--------|-------|--------|-----|------|--------|------|
|               |                       |           |        |       |        |     |      | Low    | High |
| P4442-06      | 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  |
| P4442-07      | 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  |
| P4442-11      | 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  |
| P4442-12      | 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.: P4442

SAS No.: P4442 SDG NO.: P4442

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<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED 1 | DATE<br>ANALYZED 2 |
|-------------------|------------------|----------------|--------------------|--------------------|
|                   |                  |                |                    |                    |

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_



# SAMPLE DATA

## Report of Analysis

|                    |                           |                    |               |
|--------------------|---------------------------|--------------------|---------------|
| Client:            | Chemtech Consulting Group | Date Collected:    | 10/18/24      |
| Project:           | Weekly Storage Blanks     | Date Received:     | 10/18/24      |
| Client Sample ID:  | PEST-GPC-BLANK            | SDG No.:           | P4442         |
| Lab Sample ID:     | P4442-06                  | 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 |
| PD086177.D        | 1         | 10/21/24 10:46 | 10/22/24 17:11 | PB164296      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 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             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 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:    | 10/18/24      |
| Project:           | Weekly Storage Blanks     | Date Received:     | 10/18/24      |
| Client Sample ID:  | PEST-GPC-BLANK            | SDG No.:           | P4442         |
| Lab Sample ID:     | P4442-06                  | 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 |
| PD086177.D        | 1         | 10/21/24 10:46 | 10/22/24 17:11 | PB164296      |

| 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\PD102224\  
Data File : PD086177.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Oct 2024 17:11  
Operator : AR\AJ  
Sample : P4442-06  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PEST-GPC-BLANK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 23 03:36:08 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102224CLP.M  
Quant Title : GC Extractables  
QLast Update : Tue Oct 22 16:12:51 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

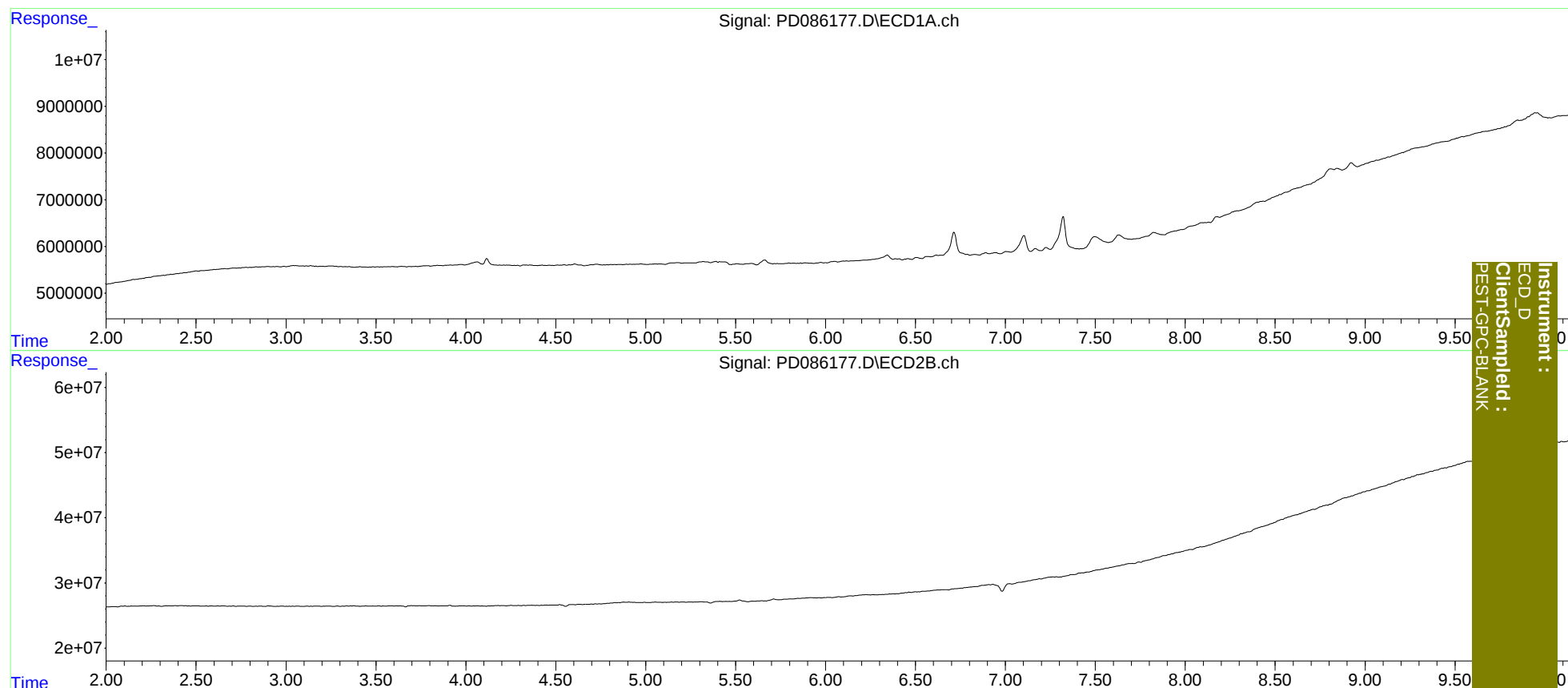
Target Compounds  
-----

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102224\  
Data File : PD086177.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Oct 2024 17:11  
Operator : AR\AJ  
Sample : P4442-06  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 23 03:36:08 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102224CLP.M  
Quant Title : GC Extractables  
QLast Update : Tue Oct 22 16:12:51 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



## Report of Analysis

|                    |                           |                    |               |
|--------------------|---------------------------|--------------------|---------------|
| Client:            | Chemtech Consulting Group | Date Collected:    | 10/18/24      |
| Project:           | Weekly Storage Blanks     | Date Received:     | 10/18/24      |
| Client Sample ID:  | PEST-GPC-BLANK-SPIKE      | SDG No.:           | P4442         |
| Lab Sample ID:     | P4442-07                  | 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 |
| PD086178.D        | 1         | 10/21/24 10:46 | 10/22/24 17:48 | PB164296      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 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)  | 17.0  |           | 0.42     | 5.10       | ug/kg             |
| 76-44-8           | Heptachlor           | 18.0  |           | 0.90     | 5.10       | ug/kg             |
| 309-00-2          | Aldrin               | 19.0  |           | 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             | 35.0  |           | 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               | 37.0  |           | 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              | 33.0  |           | 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             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 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:    | 10/18/24      |
| Project:           | Weekly Storage Blanks     | Date Received:     | 10/18/24      |
| Client Sample ID:  | PEST-GPC-BLANK-SPIKE      | SDG No.:           | P4442         |
| Lab Sample ID:     | P4442-07                  | 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 |
| PD086178.D        | 1         | 10/21/24 10:46 | 10/22/24 17:48 | PB164296      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|------------|-------|
|------------|-----------|-------|-----------|-----|------------|-------|

### Comments:

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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\PD102224\  
 Data File : PD086178.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Oct 2024 17:48  
 Operator : AR\AJ  
 Sample : P4442-07  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEST-GPC-BLANK-SPIKE

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 10/23/2024  
 Supervised By : Ankita Jodhani 10/23/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 23 03:36:24 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102224CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 22 16:12:51 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

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

#### System Monitoring Compounds

#### Target Compounds

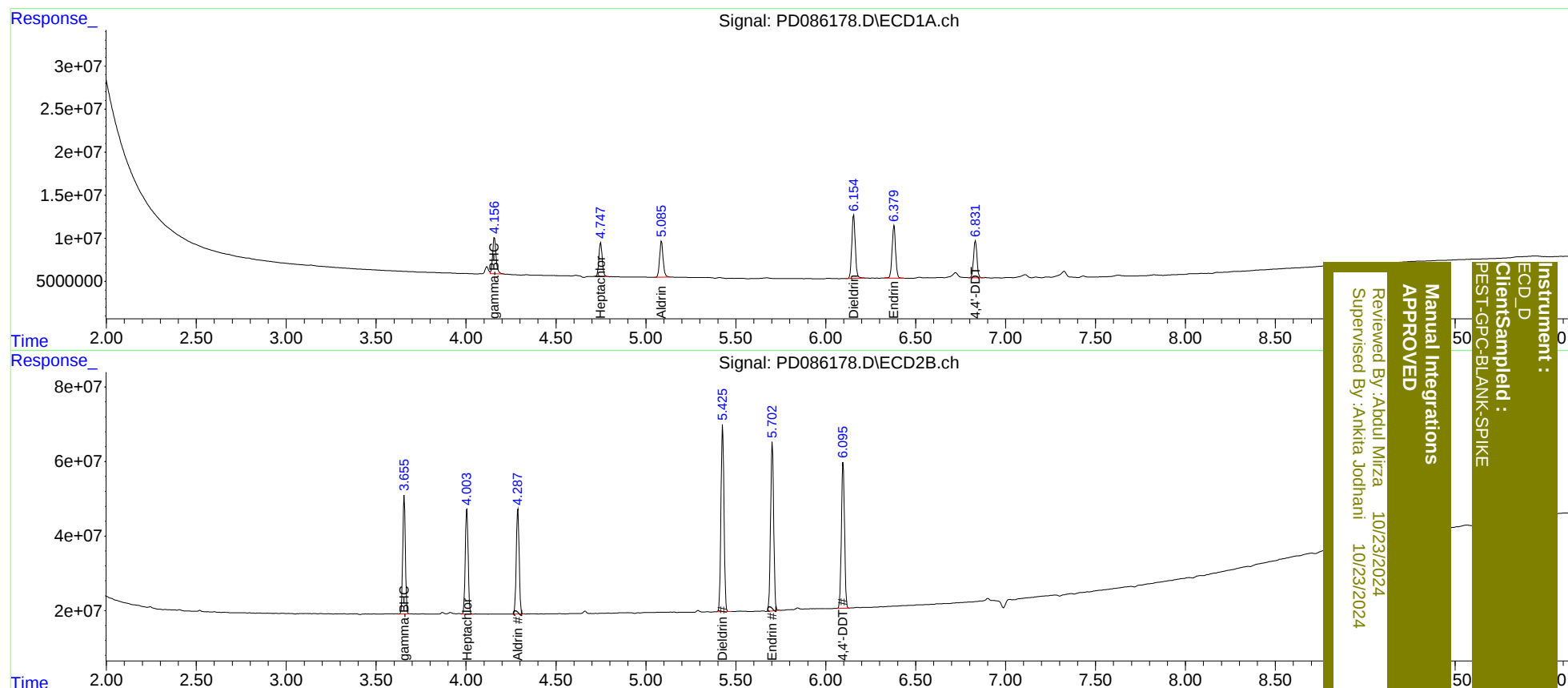
|        |              |       |       |          |         |         |         |
|--------|--------------|-------|-------|----------|---------|---------|---------|
| 3) MA  | gamma-BHC... | 4.158 | 3.656 | 55785031 | 318.4E6 | 17.106  | 20.386  |
| 4) MA  | Heptachlor   | 4.749 | 4.003 | 50728345 | 316.5E6 | 18.011  | 20.158m |
| 5) MB  | Aldrin       | 5.087 | 4.287 | 56321875 | 316.8E6 | 18.521  | 21.815m |
| 13) MA | Dieldrin     | 6.155 | 5.427 | 100.0E6  | 591.6E6 | 34.627  | 40.803  |
| 14) MA | Endrin       | 6.379 | 5.703 | 82312842 | 542.7E6 | 37.007m | 40.310  |
| 17) MA | 4,4'-DDT     | 6.833 | 6.097 | 56607807 | 473.5E6 | 33.415  | 39.408  |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102224\  
Data File : PD086178.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Oct 2024 17:48  
Operator : AR\AJ  
Sample : P4442-07  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 23 03:36:24 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102224CLP.M  
Quant Title : GC Extractables  
QLast Update : Tue Oct 22 16:12:51 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  
ClientSample :  
PEST-GPC-BLANK-SPIKE

Manual Integrations  
APPROVED

Reviewed By : Abdul Mirza 10/23/2024  
Supervised By : Ankita Jodhani 10/23/2024

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102224\  
Data File : PD086178.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Oct 2024 17:48  
Operator : AR\AJ  
Sample : P4442-07  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

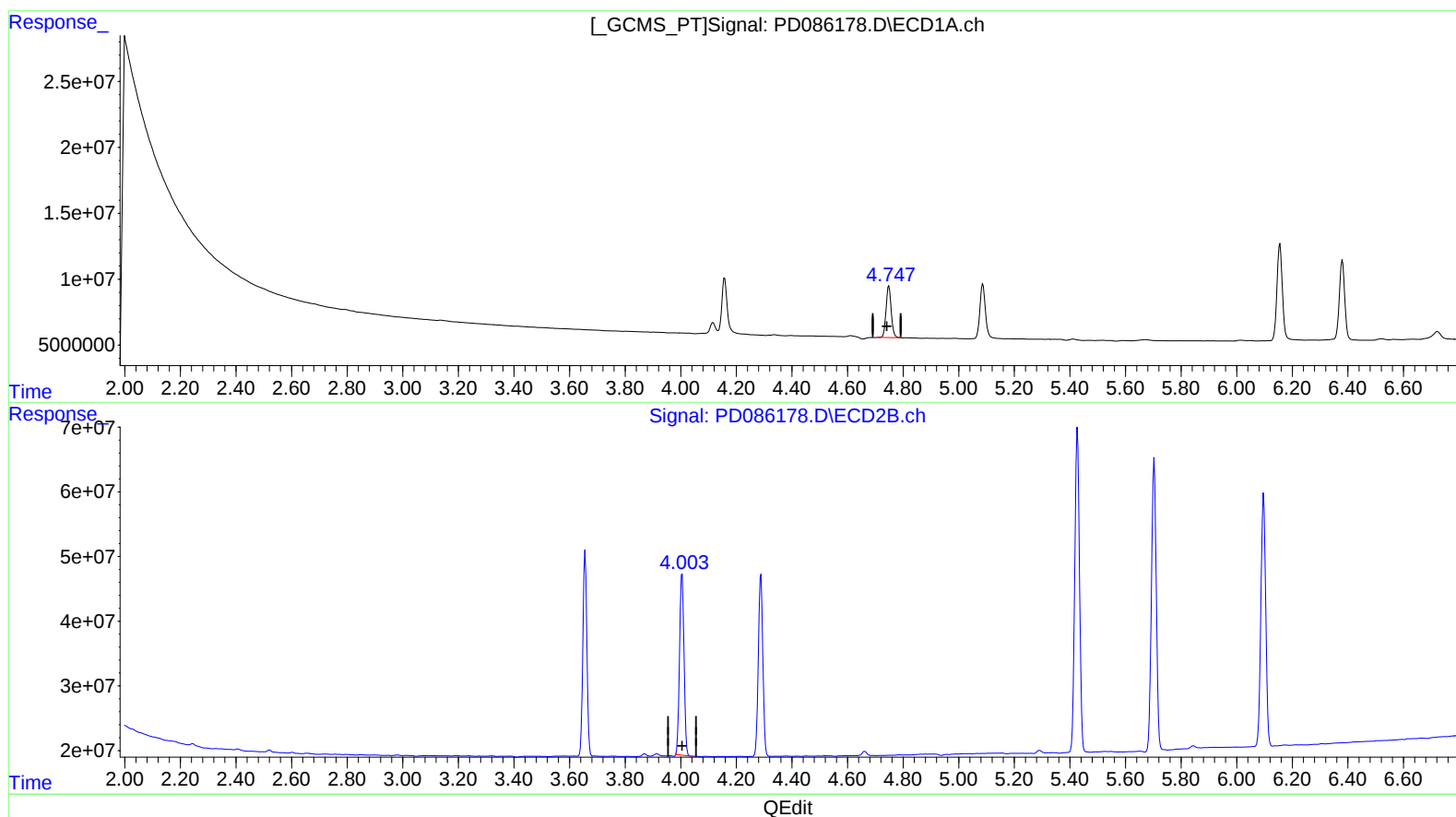
Instrument :  
ECD\_D  
ClientSampleId :  
PEST-GPC-BLANK-SPIKE

## Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 10/23/2024  
Supervised By :Ankita Jodhani 10/23/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 23 03:36:24 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102224CLP.M  
Quant Title : GC Extractables  
QLast Update : Tue Oct 22 16:12:51 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



(4) Heptachlor (MA)

4.749min 18.011 ng/ml

response 50728345

(4) Heptachlor #2 (MA)

4.005min 19.810 ng/ml

response 311010633

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102224\  
Data File : PD086178.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Oct 2024 17:48  
Operator : AR\AJ  
Sample : P4442-07  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

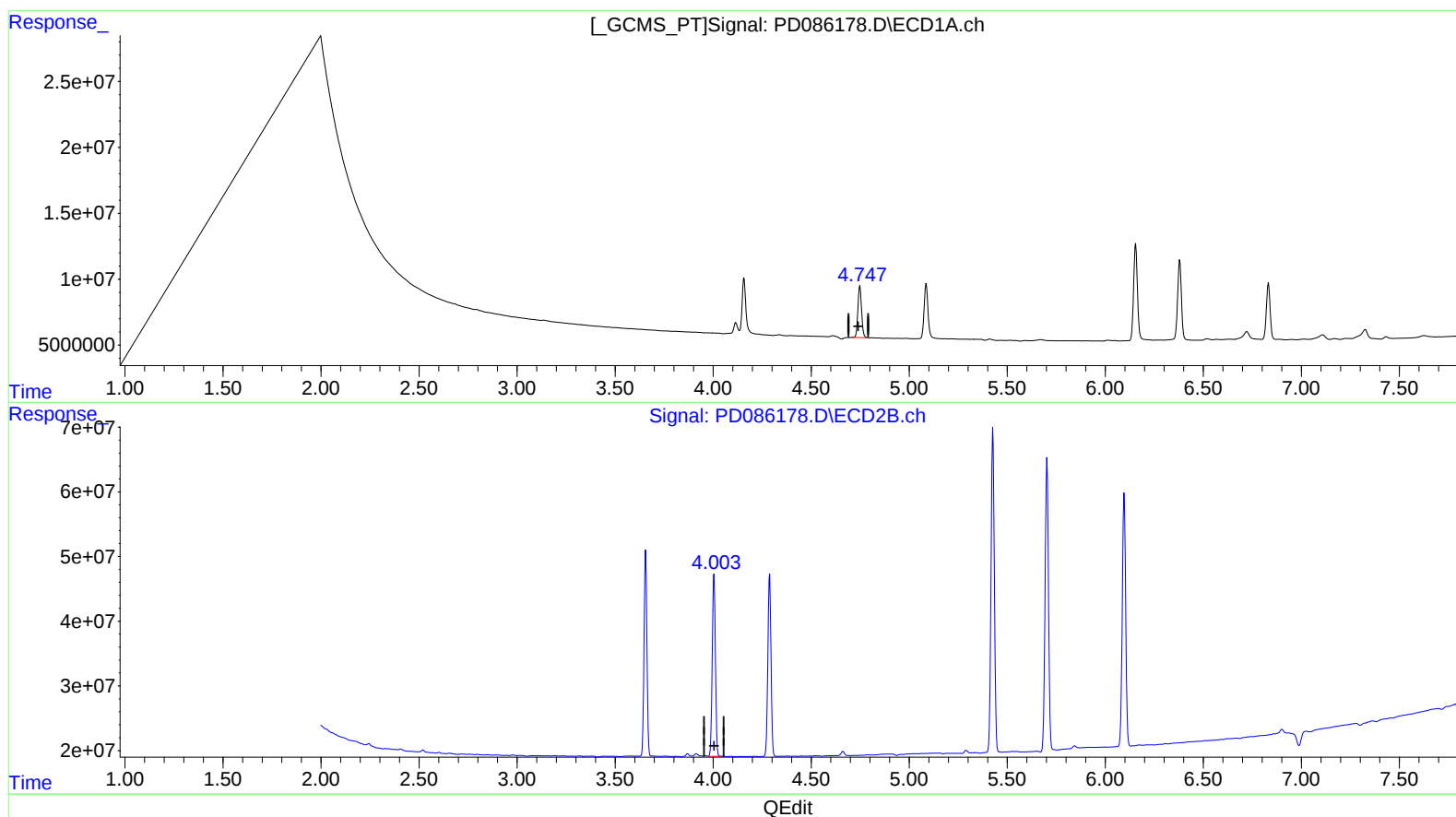
Instrument :  
ECD\_D  
ClientSampleId :  
PEST-GPC-BLANK-SPIKE

## Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 10/23/2024  
Supervised By :Ankita Jodhani 10/23/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 23 03:36:24 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102224CLP.M  
Quant Title : GC Extractables  
QLast Update : Tue Oct 22 16:12:51 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



(4) Heptachlor (MA)

4.749min 18.011 ng/ml

response 50728345

(4) Heptachlor #2 (MA)

4.003min 20.158 ng/ml m

response 316469036

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102224\  
Data File : PD086178.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Oct 2024 17:48  
Operator : AR\AJ  
Sample : P4442-07  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

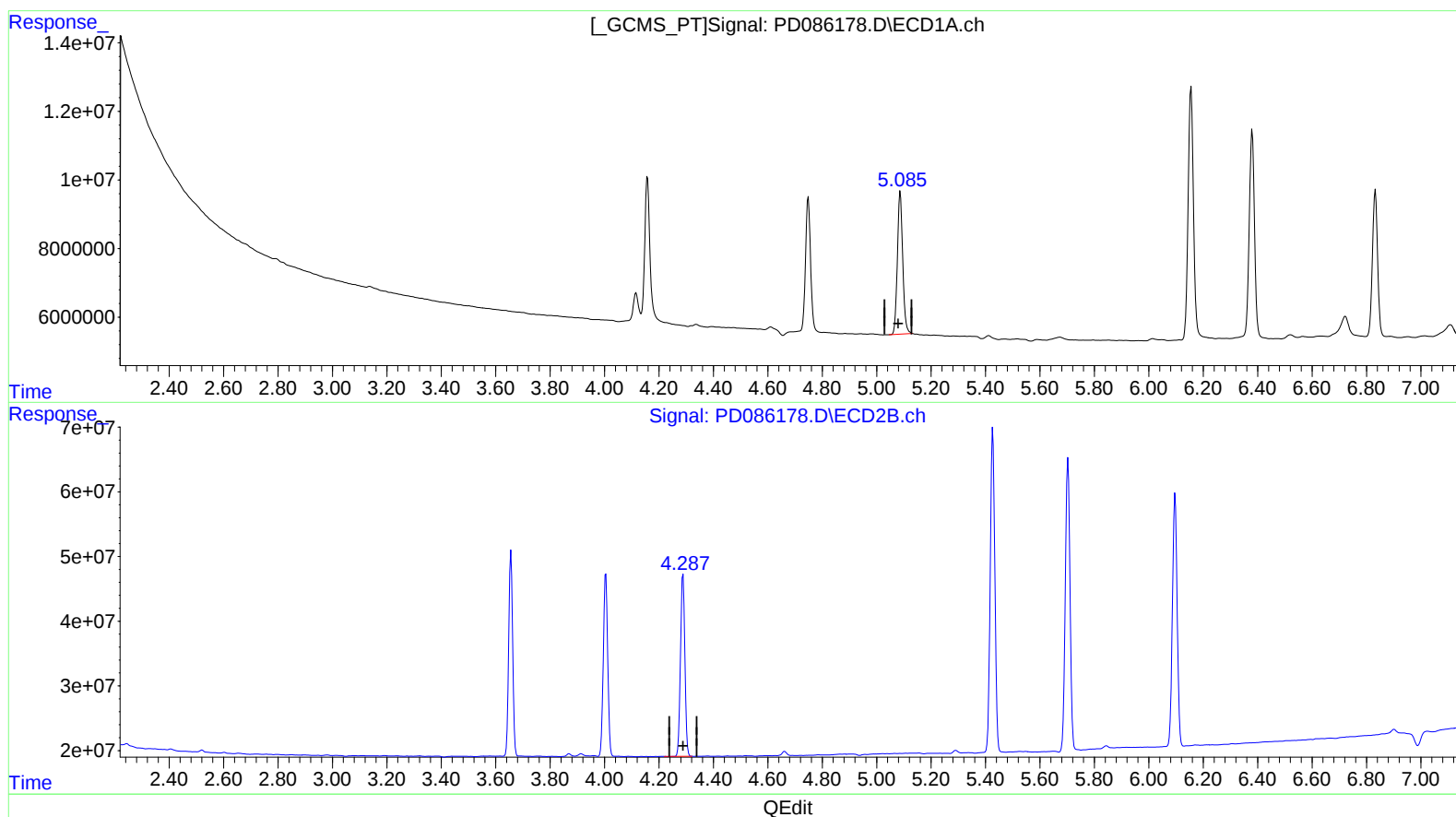
Instrument :  
ECD\_D  
ClientSampleId :  
PEST-GPC-BLANK-SPIKE

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 10/23/2024  
Supervised By :Ankita Jodhani 10/23/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 23 03:36:24 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102224CLP.M  
Quant Title : GC Extractables  
QLast Update : Tue Oct 22 16:12:51 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



(5) Aldrin (MB)

5.087min 18.521 ng/ml

response 56321875

(5) Aldrin #2 (MB)

4.288min 21.780 ng/ml

response 316299614

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102224\  
Data File : PD086178.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Oct 2024 17:48  
Operator : AR\AJ  
Sample : P4442-07  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

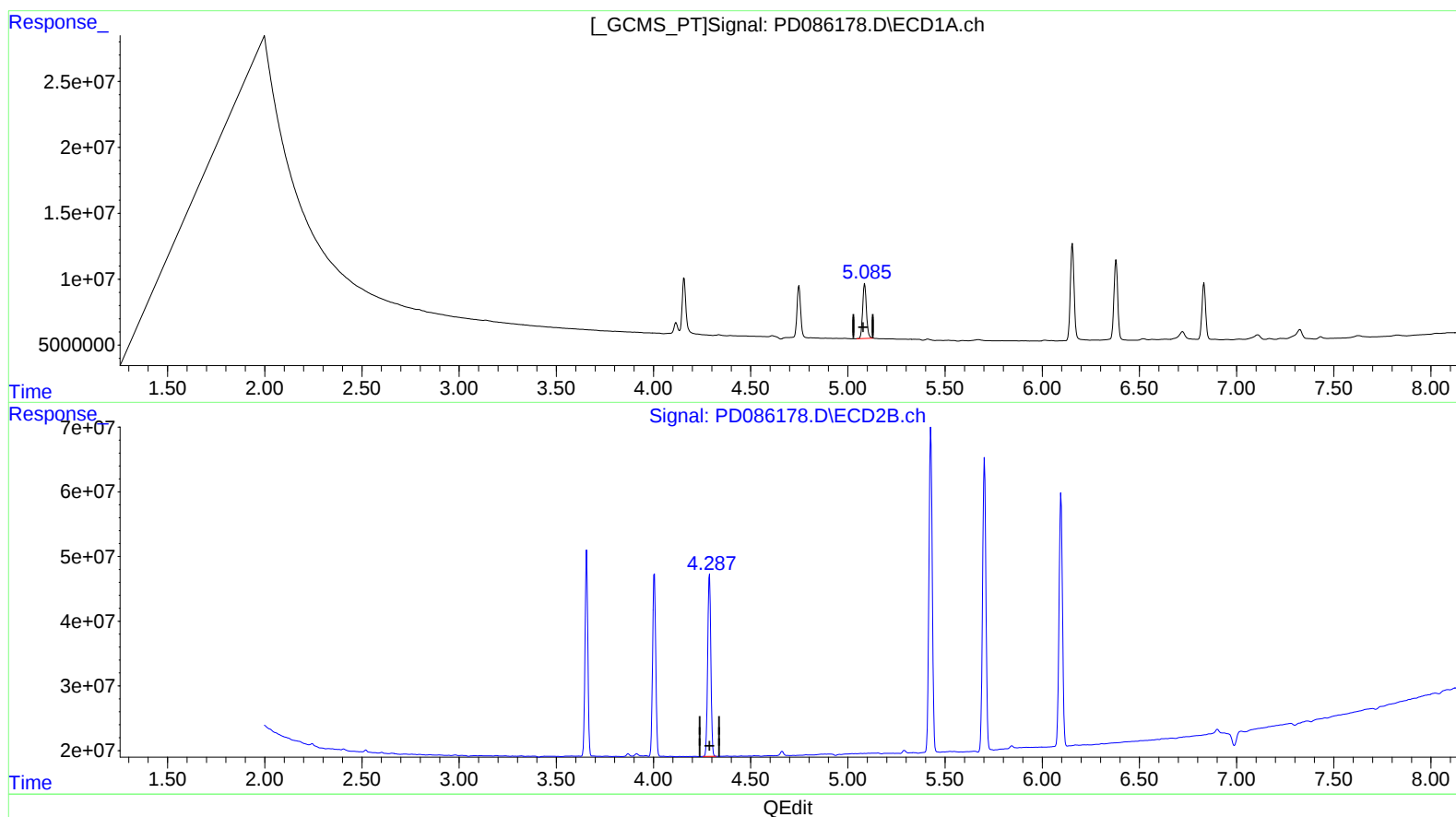
Instrument :  
ECD\_D  
ClientSampleId :  
PEST-GPC-BLANK-SPIKE

## Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 10/23/2024  
Supervised By :Ankita Jodhani 10/23/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 23 03:36:24 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102224CLP.M  
Quant Title : GC Extractables  
QLast Update : Tue Oct 22 16:12:51 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



(5) Aldrin (MB)

5.087min 18.521 ng/ml

response 56321875

(5) Aldrin #2 (MB)

4.287min 21.815 ng/ml m

response 316808882

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102224\  
Data File : PD086178.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Oct 2024 17:48  
Operator : AR\AJ  
Sample : P4442-07  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

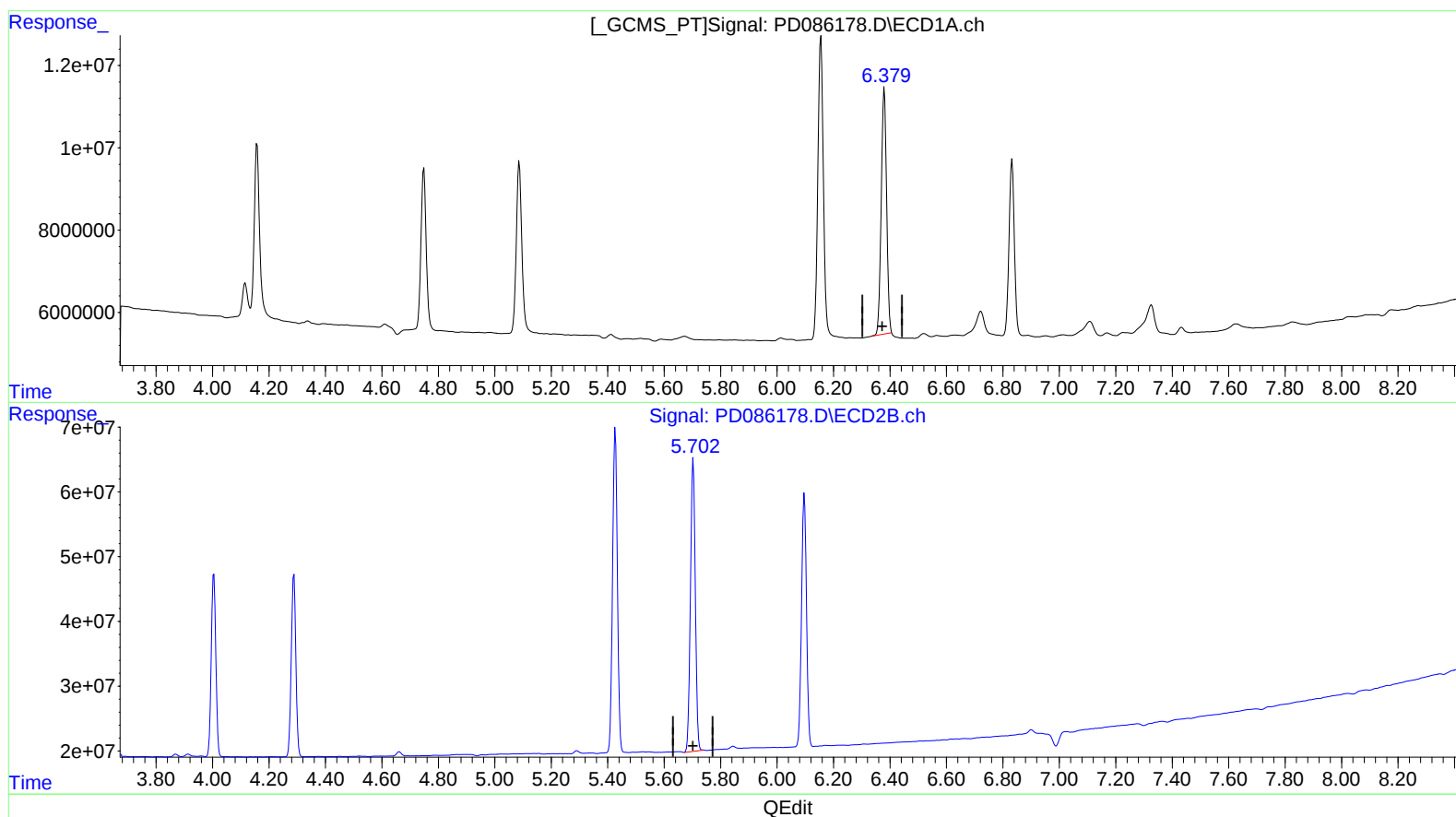
Instrument :  
ECD\_D  
ClientSampleId :  
PEST-GPC-BLANK-SPIKE

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 10/23/2024  
Supervised By :Ankita Jodhani 10/23/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 23 03:36:24 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102224CLP.M  
Quant Title : GC Extractables  
QLast Update : Tue Oct 22 16:12:51 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)  
6.380min 35.424 ng/ml  
response 78792492

(14) Endrin #2 (MA)  
5.703min 40.310 ng/ml  
response 542708425

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102224\  
Data File : PD086178.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Oct 2024 17:48  
Operator : AR\AJ  
Sample : P4442-07  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

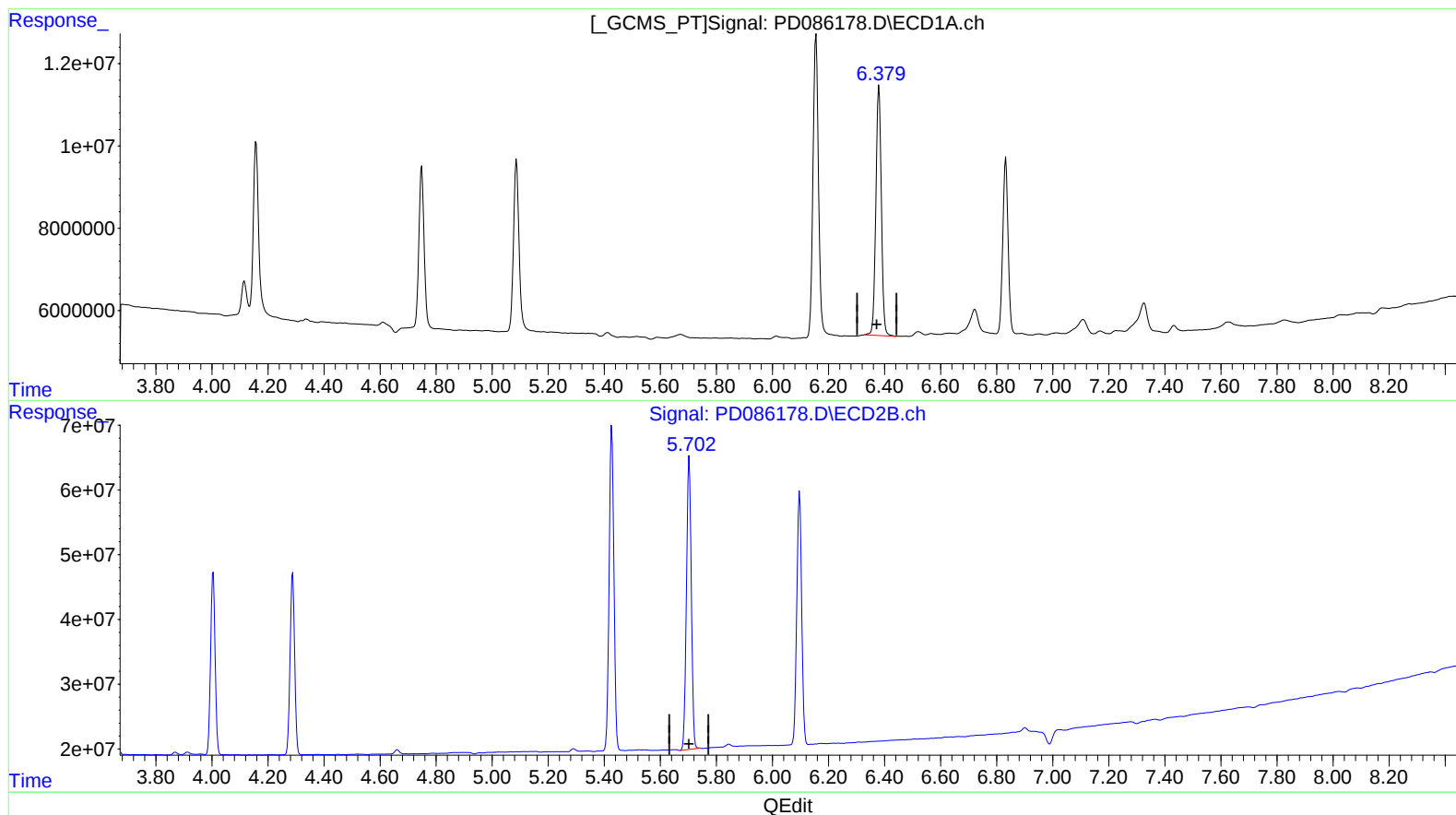
Instrument :  
ECD\_D  
ClientSampleId :  
PEST-GPC-BLANK-SPIKE

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 10/23/2024  
Supervised By :Ankita Jodhani 10/23/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 23 03:36:24 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102224CLP.M  
Quant Title : GC Extractables  
QLast Update : Tue Oct 22 16:12:51 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)  
6.379min 37.007 ng/ml m  
response 82312842

(14) Endrin #2 (MA)  
5.703min 40.310 ng/ml  
response 542708425

## Report of Analysis

|                    |                           |                    |               |
|--------------------|---------------------------|--------------------|---------------|
| Client:            | Chemtech Consulting Group | Date Collected:    | 10/18/24      |
| Project:           | Weekly Storage Blanks     | Date Received:     | 10/18/24      |
| Client Sample ID:  | PEST-GPC2-BLANK           | SDG No.:           | P4442         |
| Lab Sample ID:     | P4442-11                  | 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 |
| PD086234.D        | 1         | 10/21/24 10:46 | 10/28/24 15:26 | PB164297      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 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             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 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:    | 10/18/24      |
| Project:           | Weekly Storage Blanks     | Date Received:     | 10/18/24      |
| Client Sample ID:  | PEST-GPC2-BLANK           | SDG No.:           | P4442         |
| Lab Sample ID:     | P4442-11                  | 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 |
| PD086234.D        | 1         | 10/21/24 10:46 | 10/28/24 15:26 | PB164297      |

| 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\PD102824\  
Data File : PD086234.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Oct 2024 15:26  
Operator : AR\AJ  
Sample : P4442-11  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PEST-GPC2-BLANK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 29 02:32:34 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102524CLP.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 25 14:36:38 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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

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

-----  
System Monitoring Compounds

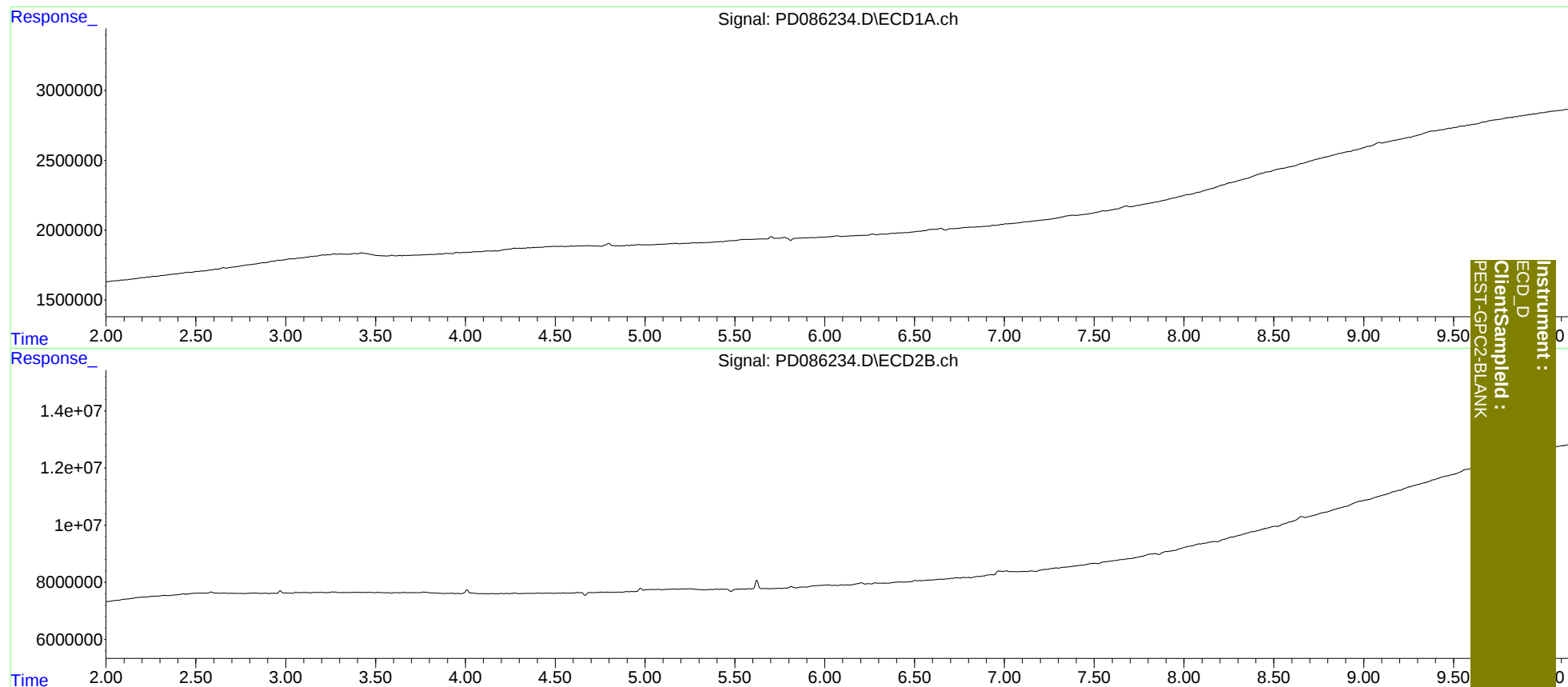
Target Compounds  
-----

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102824\  
Data File : PD086234.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Oct 2024 15:26  
Operator : AR\AJ  
Sample : P4442-11  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 29 02:32:34 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102524CLP.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 25 14:36:38 2024  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm 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:    | 10/18/24      |
| Project:           | Weekly Storage Blanks     | Date Received:     | 10/18/24      |
| Client Sample ID:  | PEST-GPC2-BLANK-SPIKE     | SDG No.:           | P4442         |
| Lab Sample ID:     | P4442-12                  | 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 |
| PD086235.D        | 1         | 10/21/24 10:46 | 10/28/24 16:47 | PB164297      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 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               | 20.0  |           | 0.39     | 5.10       | ug/kg             |
| 1024-57-3         | Heptachlor epoxide   | 0.39  | U         | 0.39     | 5.10       | ug/kg             |
| 959-98-8          | Endosulfan I         | 0.39  | U         | 0.39     | 5.10       | ug/kg             |
| 60-57-1           | Dieldrin             | 40.0  |           | 0.48     | 9.90       | ug/kg             |
| 72-55-9           | 4,4-DDE              | 0.42  | U         | 0.42     | 9.90       | ug/kg             |
| 72-20-8           | Endrin               | 40.0  |           | 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              | 38.0  |           | 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             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 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:    | 10/18/24      |
| Project:           | Weekly Storage Blanks     | Date Received:     | 10/18/24      |
| Client Sample ID:  | PEST-GPC2-BLANK-SPIKE     | SDG No.:           | P4442         |
| Lab Sample ID:     | P4442-12                  | 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 |
| PD086235.D        | 1         | 10/21/24 10:46 | 10/28/24 16:47 | PB164297      |

| 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\PD102824\  
 Data File : PD086235.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Oct 2024 16:47  
 Operator : AR\AJ  
 Sample : P4442-12  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEST-GPC2-BLANK-SPIKE

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 10/29/2024  
 Supervised By :Ankita Jodhani 10/29/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 29 02:32:49 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102524CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 25 14:36:38 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

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

System Monitoring Compounds

Target Compounds

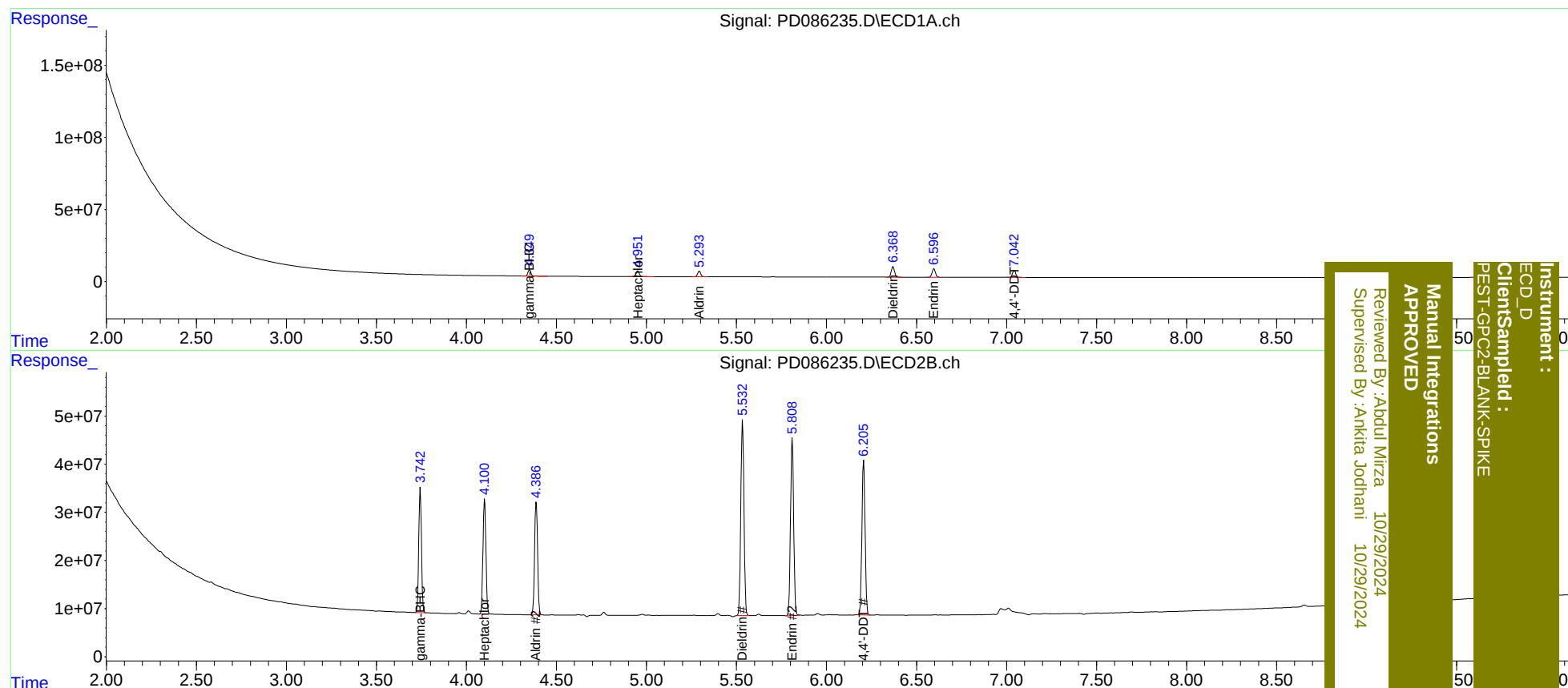
|        |              |       |       |          |         |         |        |
|--------|--------------|-------|-------|----------|---------|---------|--------|
| 3) MA  | gamma-BHC... | 4.351 | 3.744 | 49860962 | 271.9E6 | 20.041  | 20.160 |
| 4) MA  | Heptachlor   | 4.952 | 4.101 | 48501634 | 269.4E6 | 19.619  | 19.717 |
| 5) MB  | Aldrin       | 5.294 | 4.388 | 48393009 | 273.8E6 | 19.967  | 20.179 |
| 13) MA | Dieldrin     | 6.368 | 5.534 | 91083041 | 498.5E6 | 39.932m | 40.406 |
| 14) MA | Endrin       | 6.597 | 5.810 | 76425189 | 449.0E6 | 40.659  | 39.958 |
| 17) MA | 4,4'-DDT     | 7.043 | 6.207 | 63374138 | 396.6E6 | 38.011  | 38.647 |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102824\  
Data File : PD086235.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Oct 2024 16:47  
Operator : AR\AJ  
Sample : P4442-12  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 29 02:32:49 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102524CLP.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 25 14:36:38 2024  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Reviewed By: Abdul Mirza 10/29/2024  
Supervised By: Ankita Jodhani 10/29/2024

Manual Integrations  
APPROVED

Instrument :  
ECD\_D  
Client Sample :  
PEST-GPC2-BLANK-SPIKE

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102824\  
Data File : PD086235.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Oct 2024 16:47  
Operator : AR\AJ  
Sample : P4442-12  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

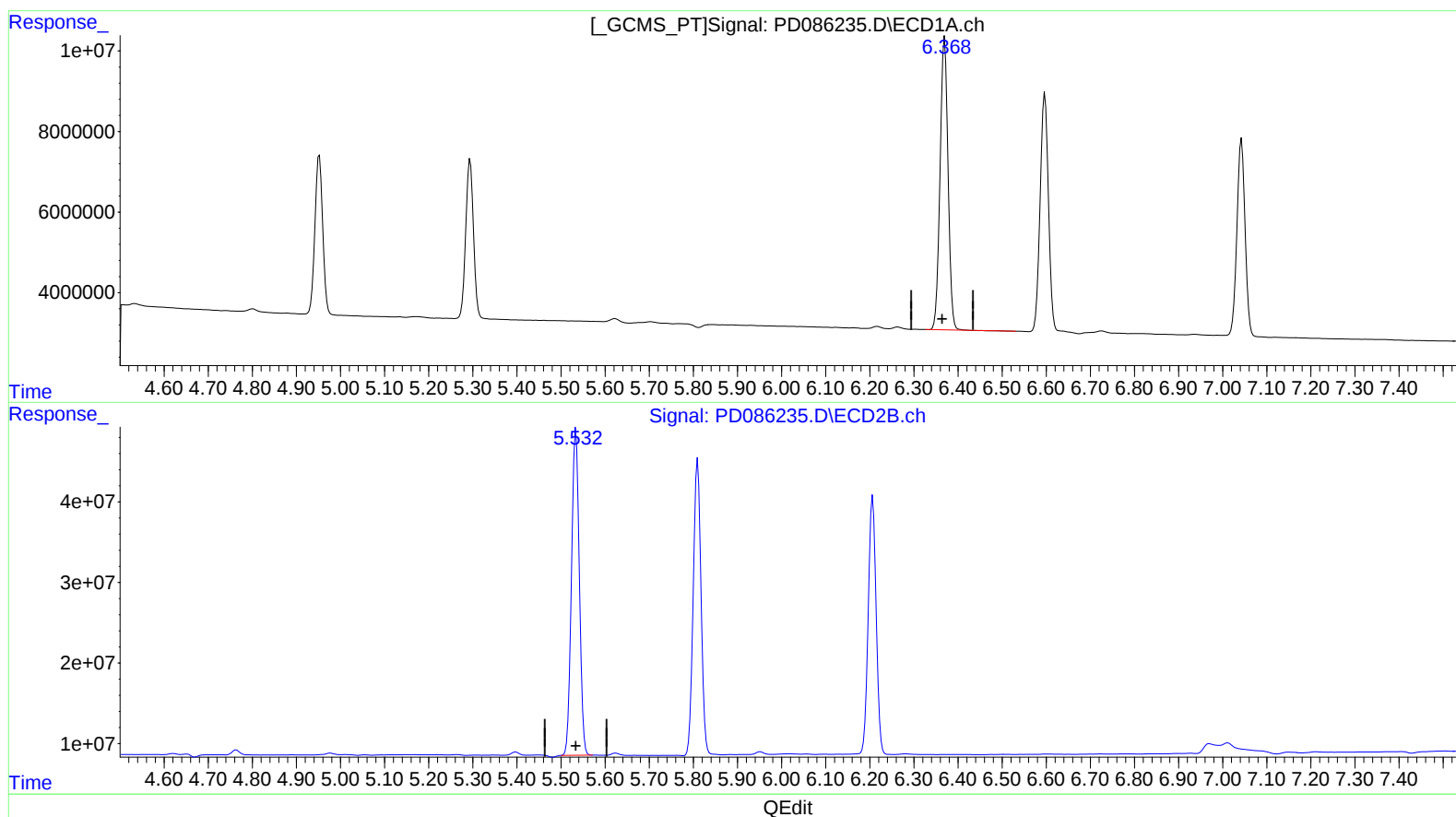
Instrument :  
ECD\_D  
ClientSampleId :  
PEST-GPC2-BLANK-SPIKE

## Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 10/29/2024  
Supervised By :Ankita Jodhani 10/29/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 29 02:32:49 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102524CLP.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 25 14:36:38 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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



(13) Dieldrin (MA)  
6.370min 39.900 ng/ml  
response 91008956

(13) Dieldrin #2 (MA)  
5.534min 40.406 ng/ml  
response 498509580





# CALIBRATION SUMMARY

## Analytical Sequence

**Client:** Chemtech Consulting Group

**SDG No.:** P4442

**Project:** Weekly Storage Blanks

**Instrument ID:** ECD\_D

**GC Column:** ZB-MR2

**ID:** 0.32 (mm)

**Inst. Calib. Date(s):** 10/22/2024 10/22/2024

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

| EPA<br>SAMPLE NO.     | LAB<br>SAMPLE ID | DATE<br>ANALYZED | TIME<br>ANALYZED | DATAFILE   | DCB<br>RT # | TCX<br>RT # |
|-----------------------|------------------|------------------|------------------|------------|-------------|-------------|
| PEST-GPC-BLANK        | P4442-06         | 10/22/2024       | 17:11            | PD086177.D | 0.00        | 0.00        |
| PEST-GPC-BLANK-SPIKE  | P4442-07         | 10/22/2024       | 17:48            | PD086178.D | 0.00        | 0.00        |
| PEST-GPC2-BLANK       | P4442-11         | 10/28/2024       | 15:26            | PD086234.D | 0.00        | 0.00        |
| PEST-GPC2-BLANK-SPIKE | P4442-12         | 10/28/2024       | 16:47            | PD086235.D | 0.00        | 0.00        |

## Analytical Sequence

**Client:** Chemtech Consulting Group

**SDG No.:** P4442

**Project:** Weekly Storage Blanks

**Instrument ID:** ECD\_D

**GC Column:** ZB-MR1

**ID:** 0.32 (mm)

**Inst. Calib. Date(s):** 10/22/2024 10/22/2024

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

| EPA<br>SAMPLE NO.     | LAB<br>SAMPLE ID | DATE<br>ANALYZED | TIME<br>ANALYZED | DATAFILE   | DCB<br>RT # | TCX<br>RT # |
|-----------------------|------------------|------------------|------------------|------------|-------------|-------------|
| PEST-GPC-BLANK        | P4442-06         | 10/22/2024       | 17:11            | PD086177.D | 0.00        | 0.00        |
| PEST-GPC-BLANK-SPIKE  | P4442-07         | 10/22/2024       | 17:48            | PD086178.D | 0.00        | 0.00        |
| PEST-GPC2-BLANK       | P4442-11         | 10/28/2024       | 15:26            | PD086234.D | 0.00        | 0.00        |
| PEST-GPC2-BLANK-SPIKE | P4442-12         | 10/28/2024       | 16:47            | PD086235.D | 0.00        | 0.00        |



# QC SAMPLE DATA

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | pd102224 | Instrument | ECD_d |
|-----------|----------|------------|-------|

| Sample ID | File ID    | Parameter             | Review By | Review On                | Supervised By | Supervised On          | Reason                      |
|-----------|------------|-----------------------|-----------|--------------------------|---------------|------------------------|-----------------------------|
| PEM030    | PD086158.D | 4,4"-DDT              | Abdul     | 10/23/2024<br>8:34:32 AM | Ankita        | 10/23/2024<br>10:04:43 | Peak Integrated by Software |
| TOXAPH401 | PD086162.D | Decachlorobiphenyl #2 | Abdul     | 10/23/2024<br>8:34:35 AM | Ankita        | 10/23/2024<br>10:04:44 | Peak Integrated by Software |
| TOXAPH501 | PD086163.D | Decachlorobiphenyl    | Abdul     | 10/23/2024<br>8:34:38 AM | Ankita        | 10/23/2024<br>10:04:46 | Peak Integrated by Software |
| TOXAPH501 | PD086163.D | Tetrachloro-m-xylene  | Abdul     | 10/23/2024<br>8:34:38 AM | Ankita        | 10/23/2024<br>10:04:46 | Peak Integrated by Software |
| TOXAPH501 | PD086163.D | Toxaphene-1           | Abdul     | 10/23/2024<br>8:34:38 AM | Ankita        | 10/23/2024<br>10:04:46 | Peak Integrated by Software |
| TOXAPH501 | PD086163.D | Toxaphene-1 #2        | Abdul     | 10/23/2024<br>8:34:38 AM | Ankita        | 10/23/2024<br>10:04:46 | Peak Integrated by Software |
| TOXAPH501 | PD086163.D | Toxaphene-2           | Abdul     | 10/23/2024<br>8:34:38 AM | Ankita        | 10/23/2024<br>10:04:46 | Peak Integrated by Software |
| TOXAPH501 | PD086163.D | Toxaphene-4           | Abdul     | 10/23/2024<br>8:34:38 AM | Ankita        | 10/23/2024<br>10:04:46 | Peak Integrated by Software |
| TOXAPH501 | PD086163.D | Toxaphene-5           | Abdul     | 10/23/2024<br>8:34:38 AM | Ankita        | 10/23/2024<br>10:04:46 | Peak Integrated by Software |
| INDA101   | PD086164.D | 4,4"-DDD              | Abdul     | 10/23/2024<br>8:34:42 AM | Ankita        | 10/23/2024<br>10:04:48 | Peak Integrated by Software |
| INDA101   | PD086164.D | 4,4"-DDT              | Abdul     | 10/23/2024<br>8:34:42 AM | Ankita        | 10/23/2024<br>10:04:48 | Peak Integrated by Software |
| INDA101   | PD086164.D | Endosulfan I          | Abdul     | 10/23/2024<br>8:34:42 AM | Ankita        | 10/23/2024<br>10:04:48 | Peak Integrated by Software |
| INDB101   | PD086165.D | Endosulfan II         | Abdul     | 10/23/2024<br>8:34:46 AM | Ankita        | 10/23/2024<br>10:04:49 | Peak Integrated by Software |

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | pd102224 | Instrument | ECD_d |
|-----------|----------|------------|-------|

| Sample ID | File ID    | Parameter             | Review By | Review On                | Supervised By | Supervised On          | Reason                      |
|-----------|------------|-----------------------|-----------|--------------------------|---------------|------------------------|-----------------------------|
| INDA201   | PD086166.D | 4,4"-DDD              | Abdul     | 10/23/2024<br>8:34:49 AM | Ankita        | 10/23/2024<br>10:04:51 | Peak Integrated by Software |
| INDB201   | PD086167.D | Endosulfan Sulfate #2 | Abdul     | 10/23/2024<br>8:34:53 AM | Ankita        | 10/23/2024<br>10:04:52 | Peak Integrated by Software |
| INDA401   | PD086170.D | 4,4"-DDD              | Abdul     | 10/23/2024<br>8:34:57 AM | Ankita        | 10/23/2024<br>10:04:54 | Peak Integrated by Software |
| INDA501   | PD086172.D | 4,4"-DDD              | Abdul     | 10/23/2024<br>8:35:00 AM | Ankita        | 10/23/2024<br>10:04:55 | Peak Integrated by Software |
| INDA501   | PD086172.D | 4,4"-DDT              | Abdul     | 10/23/2024<br>8:35:00 AM | Ankita        | 10/23/2024<br>10:04:55 | Peak Integrated by Software |
| P4442-07  | PD086178.D | Aldrin #2             | Abdul     | 10/23/2024<br>8:35:09 AM | Ankita        | 10/23/2024<br>10:04:58 | Peak Integrated by Software |
| P4442-07  | PD086178.D | Endrin                | Abdul     | 10/23/2024<br>8:35:09 AM | Ankita        | 10/23/2024<br>10:04:58 | Peak Integrated by Software |
| P4442-07  | PD086178.D | Heptachlor #2         | Abdul     | 10/23/2024<br>8:35:09 AM | Ankita        | 10/23/2024<br>10:04:58 | Peak Integrated by Software |
| INDB304   | PD086183.D | delta-BHC             | Abdul     | 10/23/2024<br>8:35:16 AM | Ankita        | 10/23/2024<br>10:05:01 | Peak Integrated by Software |
| INDB304   | PD086183.D | delta-BHC #2          | Abdul     | 10/23/2024<br>8:35:16 AM | Ankita        | 10/23/2024<br>10:05:01 | Peak Integrated by Software |
| INDB304   | PD086183.D | Endosulfan Sulfate    | Abdul     | 10/23/2024<br>8:35:16 AM | Ankita        | 10/23/2024<br>10:05:01 | Peak Integrated by Software |
| INDB304   | PD086183.D | Endosulfan Sulfate #2 | Abdul     | 10/23/2024<br>8:35:16 AM | Ankita        | 10/23/2024<br>10:05:01 | Peak Integrated by Software |
| INDB304   | PD086183.D | Endrin aldehyde       | Abdul     | 10/23/2024<br>8:35:16 AM | Ankita        | 10/23/2024<br>10:05:01 | Peak Integrated by Software |

## Manual Integration Report

Sequence:

pd102224

Instrument

ECD\_d

| Sample ID | File ID    | Parameter             | Review By | Review On                | Supervised By | Supervised On          | Reason                      |
|-----------|------------|-----------------------|-----------|--------------------------|---------------|------------------------|-----------------------------|
| INDB304   | PD086183.D | Heptachlor epoxide    | Abdul     | 10/23/2024<br>8:35:16 AM | Ankita        | 10/23/2024<br>10:05:01 | Peak Integrated by Software |
| INDB304   | PD086183.D | Heptachlor epoxide #2 | Abdul     | 10/23/2024<br>8:35:16 AM | Ankita        | 10/23/2024<br>10:05:01 | Peak Integrated by Software |
| INDB304   | PD086183.D | trans-Chlordane #2    | Abdul     | 10/23/2024<br>8:35:16 AM | Ankita        | 10/23/2024<br>10:05:01 | Peak Integrated by Software |

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | PD102524 | Instrument | ECD_d |
|-----------|----------|------------|-------|

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

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | pd102824 | Instrument | ECD_d |
|-----------|----------|------------|-------|

| Sample ID | File ID    | Parameter            | Review By | Review On                | Supervised By | Supervised On          | Reason                      |
|-----------|------------|----------------------|-----------|--------------------------|---------------|------------------------|-----------------------------|
| PIBLK195  | PD086219.D | Decachlorobiphenyl   | Abdul     | 10/29/2024<br>9:14:18 AM | Ankita        | 10/29/2024<br>10:00:21 | Peak Integrated by Software |
| PIBLK195  | PD086219.D | Tetrachloro-m-xylene | Abdul     | 10/29/2024<br>9:14:18 AM | Ankita        | 10/29/2024<br>10:00:21 | Peak Integrated by Software |
| PEM034    | PD086220.D | 4,4"-DDE             | Abdul     | 10/29/2024<br>9:14:13 AM | Ankita        | 10/29/2024<br>10:00:22 | Peak Integrated by Software |
| PEM034    | PD086220.D | 4,4"-DDE #2          | Abdul     | 10/29/2024<br>9:14:13 AM | Ankita        | 10/29/2024<br>10:00:22 | Peak Integrated by Software |
| P4442-12  | PD086235.D | Dieldrin             | Abdul     | 10/29/2024<br>9:13:33 AM | Ankita        | 10/29/2024<br>10:00:39 | Peak Integrated by Software |
| PEM035    | PD086237.D | Endrin ketone        | Abdul     | 10/29/2024<br>9:13:30 AM | Ankita        | 10/29/2024<br>10:00:41 | Peak Integrated by Software |

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD102224**

|                          |                                                                                                                         |                   |                                  |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------------|
| Review By                | Abdul                                                                                                                   | Review On         | 10/24/2024 9:19:34 AM            |
| Supervise By             | Ankita                                                                                                                  | Supervise On      | 10/24/2024 9:19:51 AM            |
| SubDirectory             | PD102224                                                                                                                | HP Acquire Method | HP Processing Method pd102224clp |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                        |                   |                                  |
| 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    | PD086156.D     | 22 Oct 2024 11:38 | AR\AJ    | Ok     |
| 2   | RESC050   | PD086157.D     | 22 Oct 2024 11:52 | AR\AJ    | Ok     |
| 3   | PEM030    | PD086158.D     | 22 Oct 2024 12:05 | AR\AJ    | Ok,M   |
| 4   | TOXAPH101 | PD086159.D     | 22 Oct 2024 12:18 | AR\AJ    | Ok     |
| 5   | TOXAPH201 | PD086160.D     | 22 Oct 2024 12:32 | AR\AJ    | Ok     |
| 6   | TOXAPH301 | PD086161.D     | 22 Oct 2024 12:45 | AR\AJ    | Ok     |
| 7   | TOXAPH401 | PD086162.D     | 22 Oct 2024 12:59 | AR\AJ    | Ok,M   |
| 8   | TOXAPH501 | PD086163.D     | 22 Oct 2024 13:12 | AR\AJ    | Ok,M   |
| 9   | INDA101   | PD086164.D     | 22 Oct 2024 13:25 | AR\AJ    | Ok,M   |
| 10  | INDB101   | PD086165.D     | 22 Oct 2024 13:44 | AR\AJ    | Ok,M   |
| 11  | INDA201   | PD086166.D     | 22 Oct 2024 13:57 | AR\AJ    | Ok,M   |
| 12  | INDB201   | PD086167.D     | 22 Oct 2024 14:14 | AR\AJ    | Ok,M   |
| 13  | INDA301   | PD086168.D     | 22 Oct 2024 14:28 | AR\AJ    | Ok     |
| 14  | INDB301   | PD086169.D     | 22 Oct 2024 14:41 | AR\AJ    | Ok     |
| 15  | INDA401   | PD086170.D     | 22 Oct 2024 14:54 | AR\AJ    | Ok,M   |
| 16  | INDB401   | PD086171.D     | 22 Oct 2024 15:08 | AR\AJ    | Ok     |
| 17  | INDA501   | PD086172.D     | 22 Oct 2024 15:21 | AR\AJ    | Ok,M   |
| 18  | INDB501   | PD086173.D     | 22 Oct 2024 15:34 | AR\AJ    | Ok     |
| 19  | PIBLK192  | PD086174.D     | 22 Oct 2024 15:47 | AR\AJ    | Ok     |
| 20  | PEM031    | PD086175.D     | 22 Oct 2024 16:01 | AR\AJ    | Ok     |
| 21  | P4361-06  | PD086176.D     | 22 Oct 2024 16:46 | AR\AJ    | Ok,M   |

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD102224**

| Review By                | Abdul                                                                                                                   | Review On         | 10/24/2024 9:19:34 AM            |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------------|
| Supervise By             | Ankita                                                                                                                  | Supervise On      | 10/24/2024 9:19:51 AM            |
| SubDirectory             | PD102224                                                                                                                | HP Acquire Method | HP Processing Method pd102224clp |
| 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 | P4442-06 | PD086177.D | 22 Oct 2024 17:11 | AR\AJ | Ok     |
| 23 | P4442-07 | PD086178.D | 22 Oct 2024 17:48 | AR\AJ | Ok,M   |
| 24 | P4442-11 | PD086179.D | 22 Oct 2024 18:09 | AR\AJ | Ok     |
| 25 | P4442-12 | PD086180.D | 22 Oct 2024 18:22 | AR\AJ | Not Ok |
| 26 | PIBLK193 | PD086181.D | 22 Oct 2024 18:35 | AR\AJ | Ok     |
| 27 | INDA304  | PD086182.D | 22 Oct 2024 18:49 | AR\AJ | Ok     |
| 28 | INDB304  | PD086183.D | 22 Oct 2024 19:02 | AR\AJ | Ok,M   |

M : Manual Integration

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD102524**

|                          |                                                                                                                         |                   |                                  |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------------|
| Review By                | Abdul                                                                                                                   | Review On         | 10/28/2024 9:25:51 AM            |
| Supervise By             | Ankita                                                                                                                  | Supervise On      | 10/28/2024 10:43:25 AM           |
| SubDirectory             | PD102524                                                                                                                | HP Acquire Method | HP Processing Method pd102524clp |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                        |                   |                                  |
| Tune/Reschk              | PP23732,PP23622                                                                                                         |                   |                                  |
| Initial Calibration Stds | PP23731,PP23730,PP23729,PP23728,PP23727,PP23718,PP23724,PP23717,PP23723,PP23716,PP23722,PP23715,PP23721,PP23714,PP23720 |                   |                                  |
| CCC                      | PP23716,PP23722,PP23729                                                                                                 |                   |                                  |
| Internal Standard/PEM    |                                                                                                                         |                   |                                  |
| ICV/I.BLK                |                                                                                                                         |                   |                                  |
| Surrogate Standard       |                                                                                                                         |                   |                                  |
| MS/MSD Standard          |                                                                                                                         |                   |                                  |
| LCS Standard             |                                                                                                                         |                   |                                  |

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

M : Manual Integration

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD102824**

|                          |                                                                                                                         |                   |                                  |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------------|
| Review By                | Abdul                                                                                                                   | Review On         | 10/29/2024 9:17:43 AM            |
| Supervise By             | Ankita                                                                                                                  | Supervise On      | 10/29/2024 10:00:56 AM           |
| SubDirectory             | PD102824                                                                                                                | HP Acquire Method | HP Processing Method pd102524clp |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                        |                   |                                  |
| 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      | PD086218.D     | 28 Oct 2024 10:19 | AR\AJ    | Ok       |
| 2   | PIBLK195    | PD086219.D     | 28 Oct 2024 10:33 | AR\AJ    | Ok,M     |
| 3   | PEM034      | PD086220.D     | 28 Oct 2024 10:46 | AR\AJ    | Ok,M     |
| 4   | PB164356BL  | PD086221.D     | 28 Oct 2024 11:18 | AR\AJ    | Ok       |
| 5   | PB164356BS  | PD086222.D     | 28 Oct 2024 11:32 | AR\AJ    | Ok,M     |
| 6   | P4476-08    | PD086223.D     | 28 Oct 2024 11:51 | AR\AJ    | Dilution |
| 7   | P4476-08DL  | PD086224.D     | 28 Oct 2024 12:04 | AR\AJ    | Dilution |
| 8   | P4476-08DL2 | PD086225.D     | 28 Oct 2024 12:18 | AR\AJ    | Ok,M     |
| 9   | PB164355BL  | PD086226.D     | 28 Oct 2024 13:04 | AR\AJ    | Ok       |
| 10  | PB164355BS  | PD086227.D     | 28 Oct 2024 13:17 | AR\AJ    | Ok,M     |
| 11  | P4476-03    | PD086228.D     | 28 Oct 2024 13:30 | AR\AJ    | Dilution |
| 12  | P4476-03DL  | PD086229.D     | 28 Oct 2024 13:48 | AR\AJ    | Dilution |
| 13  | P4476-03DL2 | PD086230.D     | 28 Oct 2024 14:02 | AR\AJ    | Ok,M     |
| 14  | PIBLK196    | PD086231.D     | 28 Oct 2024 14:38 | AR\AJ    | Ok       |
| 15  | INDA305     | PD086232.D     | 28 Oct 2024 14:51 | AR\AJ    | Ok       |
| 16  | INDB305     | PD086233.D     | 28 Oct 2024 15:04 | AR\AJ    | Ok       |
| 17  | P4442-11    | PD086234.D     | 28 Oct 2024 15:26 | AR\AJ    | Ok       |
| 18  | P4442-12    | PD086235.D     | 28 Oct 2024 16:47 | AR\AJ    | Ok,M     |
| 19  | PIBLK197    | PD086236.D     | 28 Oct 2024 17:10 | AR\AJ    | Ok       |
| 20  | PEM035      | PD086237.D     | 28 Oct 2024 17:24 | AR\AJ    | Ok,M     |

M : Manual Integration

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD102224**

|              |          |                   |                                  |
|--------------|----------|-------------------|----------------------------------|
| Review By    | Abdul    | Review On         | 10/24/2024 9:19:34 AM            |
| Supervise By | Ankita   | Supervise On      | 10/24/2024 9:19:51 AM            |
| SubDirectory | PD102224 | HP Acquire Method | HP Processing Method pd102224clp |

| 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     | PD086156.D     | 22 Oct 2024 11:38 |         | AR\AJ    | Ok     |
| 2   | RESC050   | RESC005    | PD086157.D     | 22 Oct 2024 11:52 |         | AR\AJ    | Ok     |
| 3   | PEM030    | PEM167     | PD086158.D     | 22 Oct 2024 12:05 |         | AR\AJ    | Ok,M   |
| 4   | TOXAPH101 | TOXAPH1060 | PD086159.D     | 22 Oct 2024 12:18 |         | AR\AJ    | Ok     |
| 5   | TOXAPH201 | TOXAPH2061 | PD086160.D     | 22 Oct 2024 12:32 |         | AR\AJ    | Ok     |
| 6   | TOXAPH301 | TOXAPH3062 | PD086161.D     | 22 Oct 2024 12:45 |         | AR\AJ    | Ok     |
| 7   | TOXAPH401 | TOXAPH4063 | PD086162.D     | 22 Oct 2024 12:59 |         | AR\AJ    | Ok,M   |
| 8   | TOXAPH501 | TOXAPH5064 | PD086163.D     | 22 Oct 2024 13:12 |         | AR\AJ    | Ok,M   |
| 9   | INDA101   | INDA1065   | PD086164.D     | 22 Oct 2024 13:25 |         | AR\AJ    | Ok,M   |
| 10  | INDB101   | INDB1066   | PD086165.D     | 22 Oct 2024 13:44 |         | AR\AJ    | Ok,M   |
| 11  | INDA201   | INDA2067   | PD086166.D     | 22 Oct 2024 13:57 |         | AR\AJ    | Ok,M   |
| 12  | INDB201   | INDB2068   | PD086167.D     | 22 Oct 2024 14:14 |         | AR\AJ    | Ok,M   |
| 13  | INDA301   | INDA3069   | PD086168.D     | 22 Oct 2024 14:28 |         | AR\AJ    | Ok     |
| 14  | INDB301   | INDB3070   | PD086169.D     | 22 Oct 2024 14:41 |         | AR\AJ    | Ok     |
| 15  | INDA401   | INDA4071   | PD086170.D     | 22 Oct 2024 14:54 |         | AR\AJ    | Ok,M   |
| 16  | INDB401   | INDB4072   | PD086171.D     | 22 Oct 2024 15:08 |         | AR\AJ    | Ok     |
| 17  | INDA501   | INDA5073   | PD086172.D     | 22 Oct 2024 15:21 |         | AR\AJ    | Ok,M   |
| 18  | INDB501   | INDB5074   | PD086173.D     | 22 Oct 2024 15:34 |         | AR\AJ    | Ok     |

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD102224**

| Review By                | Abdul                                                                                                                   | Review On         | 10/24/2024 9:19:34 AM            |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------------|
| Supervise By             | Ankita                                                                                                                  | Supervise On      | 10/24/2024 9:19:51 AM            |
| SubDirectory             | PD102224                                                                                                                | HP Acquire Method | HP Processing Method pd102224clp |
| 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 | PIBLK192 | PIBLK355          | PD086174.D | 22 Oct 2024 15:47 |                        | AR\AJ | Ok     |
| 20 | PEM031   | PEM168            | PD086175.D | 22 Oct 2024 16:01 |                        | AR\AJ | Ok     |
| 21 | P4361-06 | EOAY8             | PD086176.D | 22 Oct 2024 16:46 | DCB low in both column | AR\AJ | Ok,M   |
| 22 | P4442-06 | PEST-GPC-BLANK    | PD086177.D | 22 Oct 2024 17:11 |                        | AR\AJ | Ok     |
| 23 | P4442-07 | PEST-GPC-BLANK-SP | PD086178.D | 22 Oct 2024 17:48 |                        | AR\AJ | Ok,M   |
| 24 | P4442-11 | PEST-GPC2-BLANK   | PD086179.D | 22 Oct 2024 18:09 |                        | AR\AJ | Ok     |
| 25 | P4442-12 | PEST-GPC2-BLANK-S | PD086180.D | 22 Oct 2024 18:22 | Comp#5 recovery high   | AR\AJ | Not Ok |
| 26 | PIBLK193 | PIBLK356          | PD086181.D | 22 Oct 2024 18:35 |                        | AR\AJ | Ok     |
| 27 | INDA304  | INDA3113          | PD086182.D | 22 Oct 2024 18:49 |                        | AR\AJ | Ok     |
| 28 | INDB304  | INDB3114          | PD086183.D | 22 Oct 2024 19:02 |                        | AR\AJ | Ok,M   |

M : Manual Integration

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD102524**

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

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

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

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD102524**

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

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

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

M : Manual Integration

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD102824**

|              |          |                   |                                  |
|--------------|----------|-------------------|----------------------------------|
| Review By    | Abdul    | Review On         | 10/29/2024 9:17:43 AM            |
| Supervise By | Ankita   | Supervise On      | 10/29/2024 10:00:56 AM           |
| SubDirectory | PD102824 | HP Acquire Method | HP Processing Method pd102524clp |

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

| Sr# | SampleID    | ClientID          | Data File Name | Date-Time         | Comment       | Operator | Status   |
|-----|-------------|-------------------|----------------|-------------------|---------------|----------|----------|
| 1   | HEXANE      | HEXANE            | PD086218.D     | 28 Oct 2024 10:19 |               | AR\AJ    | Ok       |
| 2   | PIBLK195    | PIBLK358          | PD086219.D     | 28 Oct 2024 10:33 |               | AR\AJ    | Ok,M     |
| 3   | PEM034      | PEM171            | PD086220.D     | 28 Oct 2024 10:46 |               | AR\AJ    | Ok,M     |
| 4   | PB164356BL  | PBLK356           | PD086221.D     | 28 Oct 2024 11:18 |               | AR\AJ    | Ok       |
| 5   | PB164356BS  | PLCS356           | PD086222.D     | 28 Oct 2024 11:32 |               | AR\AJ    | Ok,M     |
| 6   | P4476-08    | XA107             | PD086223.D     | 28 Oct 2024 11:51 | Need dilution | AR\AJ    | Dilution |
| 7   | P4476-08DL  | XA107DL           | PD086224.D     | 28 Oct 2024 12:04 | Need dilution | AR\AJ    | Dilution |
| 8   | P4476-08DL2 | XA107DL2          | PD086225.D     | 28 Oct 2024 12:18 |               | AR\AJ    | Ok,M     |
| 9   | PB164355BL  | PBLK355           | PD086226.D     | 28 Oct 2024 13:04 |               | AR\AJ    | Ok       |
| 10  | PB164355BS  | PLCS355           | PD086227.D     | 28 Oct 2024 13:17 |               | AR\AJ    | Ok,M     |
| 11  | P4476-03    | XA102             | PD086228.D     | 28 Oct 2024 13:30 | Need dilution | AR\AJ    | Dilution |
| 12  | P4476-03DL  | XA102DL           | PD086229.D     | 28 Oct 2024 13:48 | Need dilution | AR\AJ    | Dilution |
| 13  | P4476-03DL2 | XA102DL2          | PD086230.D     | 28 Oct 2024 14:02 |               | AR\AJ    | Ok,M     |
| 14  | PIBLK196    | PIBLK359          | PD086231.D     | 28 Oct 2024 14:38 |               | AR\AJ    | Ok       |
| 15  | INDA305     | INDA3115          | PD086232.D     | 28 Oct 2024 14:51 |               | AR\AJ    | Ok       |
| 16  | INDB305     | INDB3116          | PD086233.D     | 28 Oct 2024 15:04 |               | AR\AJ    | Ok       |
| 17  | P4442-11    | PEST-GPC2-BLANK   | PD086234.D     | 28 Oct 2024 15:26 |               | AR\AJ    | Ok       |
| 18  | P4442-12    | PEST-GPC2-BLANK-S | PD086235.D     | 28 Oct 2024 16:47 |               | AR\AJ    | Ok,M     |

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD102824**

| Review By                | Abdul                                                                                                                   | Review On         | 10/29/2024 9:17:43 AM            |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------------|
| Supervise By             | Ankita                                                                                                                  | Supervise On      | 10/29/2024 10:00:56 AM           |
| SubDirectory             | PD102824                                                                                                                | HP Acquire Method | HP Processing Method pd102524clp |
| STD. NAME                | STD REF.#                                                                                                               |                   |                                  |
| Tune/Reschk              | PP23732,PP23622                                                                                                         |                   |                                  |
| Initial Calibration Stds | PP23731,PP23730,PP23729,PP23728,PP23727,PP23718,PP23724,PP23717,PP23723,PP23716,PP23722,PP23715,PP23721,PP23714,PP23720 |                   |                                  |
| CCC                      | PP23716,PP23722,PP23729                                                                                                 |                   |                                  |
| Internal Standard/PEM    |                                                                                                                         |                   |                                  |
| ICV/I.BLK                |                                                                                                                         |                   |                                  |
| Surrogate Standard       |                                                                                                                         |                   |                                  |
| MS/MSD Standard          |                                                                                                                         |                   |                                  |
| LCS Standard             |                                                                                                                         |                   |                                  |

|    |          |          |            |                   |  |       |      |
|----|----------|----------|------------|-------------------|--|-------|------|
| 19 | PIBLK197 | PIBLK360 | PD086236.D | 28 Oct 2024 17:10 |  | AR\AJ | Ok   |
| 20 | PEM035   | PEM172   | PD086237.D | 28 Oct 2024 17:24 |  | AR\AJ | Ok,M |

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona  
Analyst: jignesh  
Date: 10/21/2024

OVENTEMP IN Celsius(°C): 107  
Time IN: 17:25  
In Date: 10/18/2024  
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: 10/19/2024  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
BalanceID: M SC-4  
Thermometer ID: % SOLID- OVEN

QC:LB133000

| 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        |
|----------|-----------------------|--------|----------------|--------------|-------------------------|---------------------------|---------|-----------------|
| P4442-05 | SVOC-GPC-BLANK        | 1      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |                 |
| P4442-06 | PEST-GPC-BLANK        | 2      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |                 |
| P4442-07 | PEST-GPC-BLANK-SPIKE  | 3      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |                 |
| P4442-08 | PCB-GPC-BLANK         | 4      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |                 |
| P4442-09 | PCB-GPC-BLANK-SPIKE   | 5      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |                 |
| P4442-10 | SVOC-GPC2-BLANK       | 6      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |                 |
| P4442-11 | PEST-GPC2-BLANK       | 7      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |                 |
| P4442-12 | PEST-GPC2-BLANK-SPIKE | 8      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |                 |
| P4442-13 | PCB-GPC2-BLANK        | 9      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |                 |
| P4442-14 | PCB-GPC2-BLANK-SPIKE  | 10     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |                 |
| P4443-01 | OG-315-HR-502-COMP-29 | 11     | 1.17           | 8.40         | 9.57                    | 8.9                       | 92.0    |                 |
| P4443-02 | OG-315-HR-502-VOC-29  | 12     | 1.15           | 8.40         | 9.55                    | 8.8                       | 91.1    |                 |
| P4443-03 | OG-315-HR-502-57      | 13     | 1.17           | 8.60         | 9.77                    | 9.00                      | 91.0    |                 |
| P4443-04 | OG-315-HR-502-58      | 14     | 1.19           | 8.50         | 9.69                    | 9.16                      | 93.8    |                 |
| P4443-06 | OG-315-HR-502-COMP-30 | 15     | 1.18           | 8.41         | 9.59                    | 8.4                       | 85.9    |                 |
| P4443-07 | OG-315-HR-502-VOC-30  | 16     | 1.15           | 8.70         | 9.85                    | 8.39                      | 83.2    |                 |
| P4443-08 | OG-315-HR-502-59      | 17     | 1.15           | 8.81         | 9.96                    | 9.33                      | 92.8    |                 |
| P4443-09 | OG-315-HR-502-60      | 18     | 1.12           | 8.76         | 9.88                    | 7.99                      | 78.4    |                 |
| P4450-01 | PIPE-0                | 19     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | wipe sample     |
| P4450-02 | PIPE-3                | 20     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | wipe sample     |
| P4450-03 | PIPE-5                | 21     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | wipe sample     |
| P4452-01 | ETGI-285              | 22     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | CONCRETE sample |
| P4454-01 | 34542                 | 23     | 1.15           | 8.50         | 9.65                    | 9.00                      | 92.4    |                 |
| P4454-02 | 34543                 | 24     | 1.15           | 8.82         | 9.97                    | 9.32                      | 92.6    |                 |
| P4454-03 | 34542-43              | 25     | 1.15           | 8.83         | 9.98                    | 9.44                      | 93.9    |                 |
| P4455-01 | SU-4-101824           | 26     | 1.12           | 8.49         | 9.61                    | 8.85                      | 91.0    |                 |
| P4455-02 | SU-4-101824-E2        | 27     | 1.12           | 8.84         | 9.96                    | 9.07                      | 89.9    |                 |
| P4456-01 | PAD-10182024          | 29     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | CONCRETE sample |



PERCENT SOLID

Supervisor: Iwona  
Analyst: jignesh  
Date: 10/21/2024

OVENTEMP IN Celsius(°C): 107  
Time IN: 17:25  
In Date: 10/18/2024  
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: 10/19/2024  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
BalanceID: M SC-4  
Thermometer ID: % SOLID- OVEN

QC:LB133000

| 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    |
|----------|---------------------|--------|----------------|--------------|-------------------------|---------------------------|---------|-------------|
| P4457-01 | KMA755I-END-1-1     | 30     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | pilc        |
| P4457-02 | KMA755I-END-1-2     | 31     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | pilc        |
| P4457-03 | KMA755I-END-2-1     | 32     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | pilc        |
| P4457-04 | KMA755I-END-2-2     | 33     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | pilc        |
| P4457-05 | BL270845LOK-END-1-1 | 34     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | pilc        |
| P4457-06 | BL270845LOK-END-1-2 | 35     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | pilc        |
| P4457-07 | BL270845LOK-END-2-1 | 36     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | pilc        |
| P4457-08 | BL270845LOK-END-2-1 | 37     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | pilc        |
| P4457-09 | BC260234LOK-END-1-1 | 38     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | pilc        |
| P4457-10 | BC260234LOK-END-1-2 | 39     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | pilc        |
| P4457-11 | BC260234LOK-END-2-1 | 40     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | pilc        |
| P4457-12 | BC260234LOK-END-2-1 | 41     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | pilc        |
| P4457-13 | SW633963-END-1-1    | 42     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | pilc        |
| P4457-14 | SW633963-END-1-2    | 43     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | pilc        |
| P4457-15 | SW633963-END-2-1    | 44     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | pilc        |
| P4457-16 | SW633963-END-2-2    | 45     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | pilc        |
| P4458-01 | 280517              | 46     | 1.15           | 8.68         | 9.83                    | 8.75                      | 87.6    |             |
| P4459-01 | 60379               | 28     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | wipe sample |
| P4460-02 | WB-303-TOP          | 47     | 1.19           | 8.52         | 9.71                    | 5.58                      | 51.5    |             |
| P4460-03 | WB-303-BOT          | 48     | 1.15           | 8.81         | 9.96                    | 8.21                      | 80.1    |             |

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

# WORKLIST(Hardcopy Internal Chain)

133000

WorkList Name : %1-101824

WorkList ID : 184561

Department : Wet-Chemistry

Date : 10-18-2024 08:02:12

| Sample   | Customer Sample       | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|-----------------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| P4442-05 | SVOC-GPC-BLANK        | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | K11                         | 10/18/2024   | Chemtech -SO |
| P4442-06 | PEST-GPC-BLANK        | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | K11                         | 10/18/2024   | Chemtech -SO |
| P4442-07 | PEST-GPC-BLANK-SPIKE  | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | K11                         | 10/18/2024   | Chemtech -SO |
| P4442-08 | PCB-GPC-BLANK         | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | K11                         | 10/18/2024   | Chemtech -SO |
| P4442-09 | PCB-GPC-BLANK-SPIKE   | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | K11                         | 10/18/2024   | Chemtech -SO |
| P4442-10 | SVOC-GPC2-BLANK       | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | K11                         | 10/18/2024   | Chemtech -SO |
| P4442-11 | PEST-GPC2-BLANK       | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | K11                         | 10/18/2024   | Chemtech -SO |
| P4442-12 | PEST-GPC2-BLANK-SPIKE | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | K11                         | 10/18/2024   | Chemtech -SO |
| P4442-13 | PCB-GPC2-BLANK        | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | K11                         | 10/18/2024   | Chemtech -SO |
| P4442-14 | PCB-GPC2-BLANK-SPIKE  | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | K11                         | 10/18/2024   | Chemtech -SO |
| P4443-01 | OG-315-HR-502-COMP-29 | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | K51                         | 10/17/2024   | Chemtech -SO |
| P4443-02 | OG-315-HR-502-VOC-29  | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | K51                         | 10/17/2024   | Chemtech -SO |
| P4443-03 | OG-315-HR-502-57      | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | K51                         | 10/17/2024   | Chemtech -SO |
| P4443-04 | OG-315-HR-502-58      | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | K51                         | 10/17/2024   | Chemtech -SO |
| P4443-06 | OG-315-HR-502-COMP-30 | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | K51                         | 10/17/2024   | Chemtech -SO |
| P4443-07 | OG-315-HR-502-VOC-30  | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | K51                         | 10/17/2024   | Chemtech -SO |
| P4443-08 | OG-315-HR-502-59      | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | K51                         | 10/17/2024   | Chemtech -SO |
| P4443-09 | OG-315-HR-502-60      | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | K51                         | 10/17/2024   | Chemtech -SO |
| P4450-01 | PIPE-0                | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | K51                         | 10/18/2024   | Chemtech -SO |
| P4450-02 | PIPE-3                | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | K51                         | 10/18/2024   | Chemtech -SO |
| P4450-03 | PIPE-5                | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | K51                         | 10/18/2024   | Chemtech -SO |

Date/Time 10/18/24 16:20

Raw Sample Received by: JAWC

Raw Sample Relinquished by: JAWC

Date/Time 10/18/24 17:30

Raw Sample Received by: JAWC

Raw Sample Relinquished by: JAWC

# WORKLIST(Hardcopy Internal Chain)

133000

WorkList Name : %1-101824      WorkList ID : 184561      Department : Wet-Chemistry      Date : 10-18-2024 08:02:12

| Sample   | Customer Sample     | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|---------------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| P4452-01 | ETGI-285            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | K51                         | 10/18/2024   | Chemtech -SO |
| P4454-01 | 34542               | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | K51                         | 10/18/2024   | Chemtech -SO |
| P4454-02 | 34543               | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | K51                         | 10/18/2024   | Chemtech -SO |
| P4454-03 | 34542-43            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | K51                         | 10/18/2024   | Chemtech -SO |
| P4455-01 | SU-4-101824         | Solid  | Percent Solids | Cool 4 deg C | PSEG05   | K41                         | 10/18/2024   | Chemtech -SO |
| P4455-02 | SU-4-101824-E2      | Solid  | Percent Solids | Cool 4 deg C | PSEG05   | K41                         | 10/18/2024   | Chemtech -SO |
| P4456-01 | PAD-10182024        | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | K51                         | 10/18/2024   | Chemtech -SO |
| P4457-01 | KMA7551-END-1-1     | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | K51                         | 10/18/2024   | Chemtech -SO |
| P4457-02 | KMA7551-END-1-2     | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | K51                         | 10/18/2024   | Chemtech -SO |
| P4457-03 | KMA7551-END-2-1     | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | K51                         | 10/18/2024   | Chemtech -SO |
| P4457-04 | KMA7551-END-2-2     | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | K51                         | 10/18/2024   | Chemtech -SO |
| P4457-05 | BL270845LOK-END-1-1 | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | K51                         | 10/18/2024   | Chemtech -SO |
| P4457-06 | BL270845LOK-END-1-2 | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | K51                         | 10/18/2024   | Chemtech -SO |
| P4457-07 | BL270845LOK-END-2-1 | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | K51                         | 10/18/2024   | Chemtech -SO |
| P4457-08 | BL270845LOK-END-2-1 | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | K51                         | 10/18/2024   | Chemtech -SO |
| P4457-09 | BC260234LOK-END-1-1 | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | K51                         | 10/18/2024   | Chemtech -SO |
| P4457-10 | BC260234LOK-END-1-2 | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | K51                         | 10/18/2024   | Chemtech -SO |
| P4457-11 | BC260234LOK-END-2-1 | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | K51                         | 10/18/2024   | Chemtech -SO |
| P4457-12 | BC260234LOK-END-2-1 | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | K51                         | 10/18/2024   | Chemtech -SO |
| P4457-13 | SW633963-END-1-1    | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | K51                         | 10/18/2024   | Chemtech -SO |
| P4457-14 | SW633963-END-1-2    | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | K51                         | 10/18/2024   | Chemtech -SO |

Date/Time 10/18/24      Date/Time 10/18/24  
 Raw Sample Received by: WBC      Raw Sample Received by: WBC  
 Raw Sample Relinquished by: WBC      Raw Sample Relinquished by: WBC

# WORKLIST(Hardcopy Internal Chain)

133000

WorkList Name : %1-101824

WorkList ID : 184561

Department : Wet-Chemistry

Date : 10-18-2024 08:02:12

| Sample   | Customer Sample  | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|------------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| P4457-15 | SW633963-END-2-1 | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | K51                         | 10/18/2024   | Chemtech -SO |
| P4457-16 | SW633963-END-2-2 | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | K51                         | 10/18/2024   | Chemtech -SO |
| P4458-01 | 280517           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | K51                         | 10/18/2024   | Chemtech -SO |
| P4459-01 | 60379            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | K51                         | 10/18/2024   | Chemtech -SO |
| P4460-02 | WB-303-TOP       | Solid  | Percent Solids | Cool 4 deg C | PORT06   | K51                         | 10/18/2024   | Chemtech -SO |
| P4460-03 | WB-303-BOT       | Solid  | Percent Solids | Cool 4 deg C | PORT06   | K51                         | 10/18/2024   | Chemtech -SO |

Date/Time 10-18-24 16:20  
 Raw Sample Received by: JH WOC  
 Raw Sample Relinquished by: JH WOC

Date/Time 10-18-24 17:30  
 Raw Sample Received by: JH WOC  
 Raw Sample Relinquished by: JH WOC

|                           |                                                                                                                                                                                                                     |                                |            |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|------------|
| <b>SOP ID:</b>            | M3620C-Florisil cleanup-6, M3640A-GPC cleanup-6                                                                                                                                                                     |                                |            |
| <b>Clean Up SOP #:</b>    | GPC Cleanup, Florisil                                                                                                                                                                                               | <b>Extraction Start Date :</b> | 10/21/2024 |
| <b>Matrix :</b>           | Solid                                                                                                                                                                                                               | <b>Extraction Start Time :</b> | 10:46      |
| <b>Weigh By:</b>          | N/A                                                                                                                                                                                                                 | <b>Extraction By:</b>          | N/A        |
| <b>Balance check:</b>     | RJ                                                                                                                                                                                                                  | <b>Extraction End Date :</b>   | 10/22/2024 |
| <b>Balance ID:</b>        | EX-SC-2                                                                                                                                                                                                             | <b>Filter By:</b>              | N/A        |
| <b>pH Strip Lot#:</b>     | N/A                                                                                                                                                                                                                 | <b>Extraction End Time :</b>   | 09:30      |
|                           |                                                                                                                                                                                                                     | <b>Concentration By:</b>       | EH         |
|                           |                                                                                                                                                                                                                     | <b>Supervisor By :</b>         | rajesh     |
| <b>Extraction Method:</b> | <input type="checkbox"/> Separatory Funnel <input type="checkbox"/> Continous Liquid/Liquid <input type="checkbox"/> Sonication <input type="checkbox"/> Waste Dilution <input checked="" type="checkbox"/> 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            | E3817      |
| Hexane             | N/A            | E3819      |
| Florisil           | N/A            | E3806      |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |

**Extraction Conformance/Non-Conformance Comments:**

No Extraction only GPC Check prepared

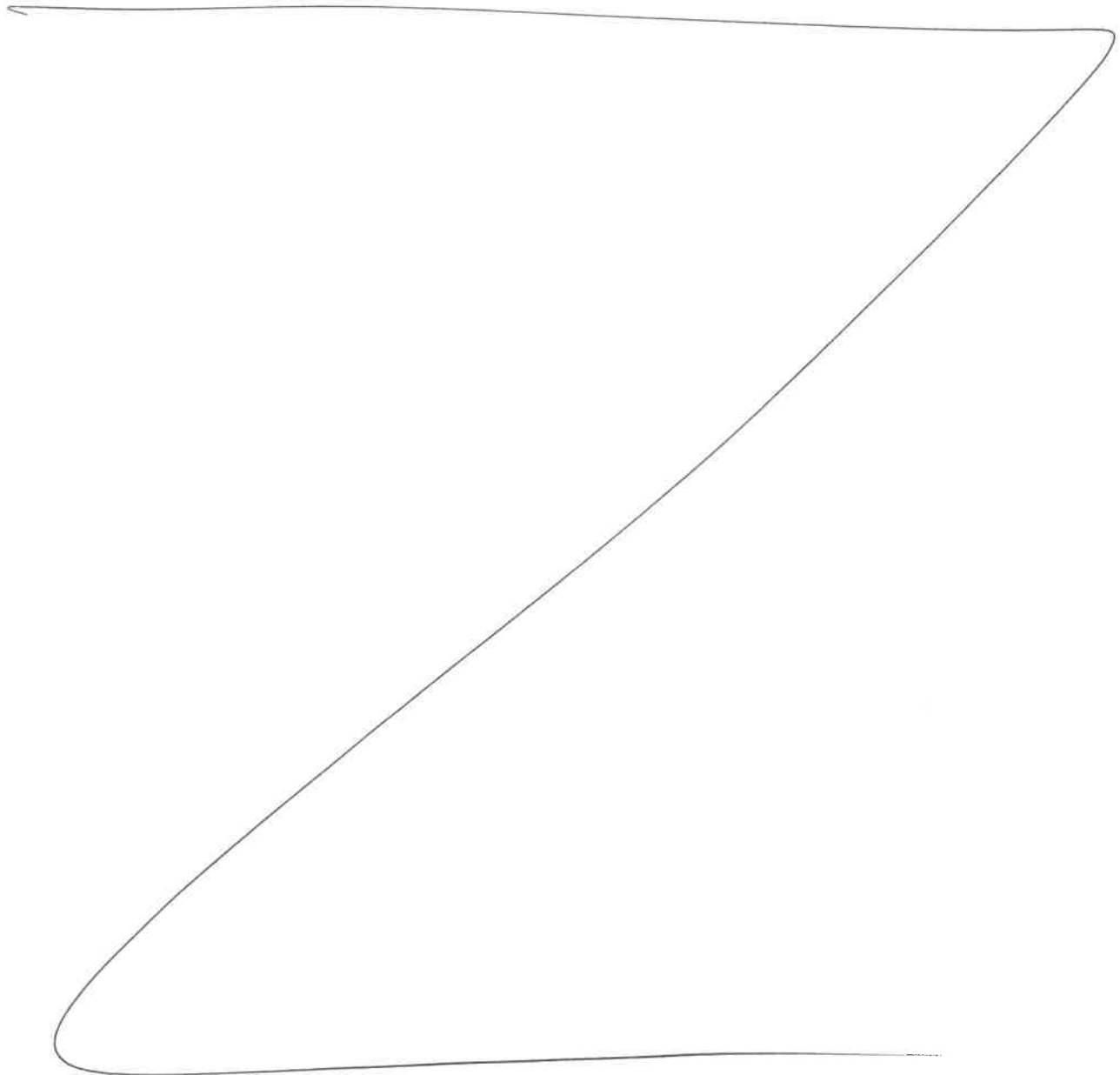
|                             |                |                           |          |
|-----------------------------|----------------|---------------------------|----------|
| <b>KD Bath ID:</b>          | Water bath -01 | <b>Envap ID:</b>          | NEVAP-02 |
| <b>KD Bath Temperature:</b> | 60 °C          | <b>Envap Temperature:</b> | 40 °C    |

| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|-------------|-----------------------------------------|----------------------|
| 10/22/24    | RP (Ext Lab)                            | RP - Pest/PCB Lab    |
| 9:35        | Preparation Group                       | Analysis Group       |

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

Concentration Date: 10/22/2024

| Sample ID | Client Sample ID     | Test          | g / <u>mL</u> | PH  | Surr/Spike By: |            | Final Vol.<br>(mL) | JarID | Comments | Prep<br>Pos |
|-----------|----------------------|---------------|---------------|-----|----------------|------------|--------------------|-------|----------|-------------|
|           |                      |               |               |     | AddedBy        | VerifiedBy |                    |       |          |             |
| P4442-06  | PEST-GPC-BLANK       | Pesticide-TCL | 10.0          | N/A | RUPESH         | rajesh     | 5                  |       |          |             |
| P4442-07  | PEST-GPC-BLANK-SPIKE | Pesticide-TCL | 10.0          | N/A | RUPESH         | rajesh     | 5                  |       |          |             |



# WORKLIST(Hardcopy Internal Chain)

WorkList Name : P4442

WorkList ID : 184631

Department : Extraction

Date : 10-21-2024 10:40:43

| Sample   | Customer Sample       | Matrix | Test                   | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method    |
|----------|-----------------------|--------|------------------------|--------------|----------|-----------------------------|--------------|-----------|
| P4442-05 | SVOC-GPC-BLANK        | Solid  | SVOC-Chemtech Full -25 | Cool 4 deg C | CHEM02   | K11                         | 10/18/2024   | SFAM_SVOC |
| P4442-06 | PEST-GPC-BLANK        | Solid  | Pesticide-TCL          | Cool 4 deg C | CHEM02   | K11                         | 10/18/2024   | SFAM_PEST |
| P4442-07 | PEST-GPC-BLANK-SPIKE  | Solid  | Pesticide-TCL          | Cool 4 deg C | CHEM02   | K11                         | 10/18/2024   | SFAM_PEST |
| P4442-08 | PCB-GPC-BLANK         | Solid  | PCB                    | Cool 4 deg C | CHEM02   | K11                         | 10/18/2024   | SFAM_PCB  |
| P4442-09 | PCB-GPC-BLANK-SPIKE   | Solid  | PCB                    | Cool 4 deg C | CHEM02   | K11                         | 10/18/2024   | SFAM_PCB  |
| P4442-10 | SVOC-GPC2-BLANK       | Solid  | SVOC-Chemtech Full -25 | Cool 4 deg C | CHEM02   | K11                         | 10/18/2024   | SFAM_SVOC |
| P4442-11 | PEST-GPC2-BLANK       | Solid  | Pesticide-TCL          | Cool 4 deg C | CHEM02   | K11                         | 10/18/2024   | SFAM_PEST |
| P4442-12 | PEST-GPC2-BLANK-SPIKE | Solid  | Pesticide-TCL          | Cool 4 deg C | CHEM02   | K11                         | 10/18/2024   | SFAM_PEST |
| P4442-13 | PCB-GPC2-BLANK        | Solid  | PCB                    | Cool 4 deg C | CHEM02   | K11                         | 10/18/2024   | SFAM_PCB  |
| P4442-14 | PCB-GPC2-BLANK-SPIKE  | Solid  | PCB                    | Cool 4 deg C | CHEM02   | K11                         | 10/18/2024   | SFAM_PCB  |

Date/Time

Raw Sample Received by:

Raw Sample Relinquished by:

10/21/24 10:42  
 P5661 bay  
 QP SM

Date/Time

Raw Sample Received by:

Raw Sample Relinquished by:

10/21/24  
 QP SM  
 P5661 bay

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

**Clean Up SOP #:** GPC Cleanup, Florisil

**Matrix :** Solid

**Weight By:** N/A **Extraction By:** N/A

**Balance check:** RJ **Filter By:** N/A

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

**pH Strip Lot#:** N/A **Hood ID:** 3,6,7

**Extraction Method:** ☐ Separatory Funnel ☐ Continuous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☒ Soxhlet

**Extraction Start Date :** 10/21/2024

**Extraction Start Time :** 10:46

**Extraction End Date :** 10/22/2024

**Extraction End Time :** 09:30

**Concentration By:** EH

**Supervisor By :** rajesh

| 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                 |
| Surrogate      | 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            | E3817      |
| Hexane             | N/A            | E3819      |
| Florisil           | N/A            | E3806      |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| 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 |
|-------------|-----------------------------------------|----------------------|
| 10/22/24    | RP (Ext. Lab)                           | RP (Ext. Lab)        |
| 9:35        | Preparation Group                       | Analysis Group       |

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

Concentration Date: 10/22/2024

| Sample ID | Client Sample ID      | Test          | g / <u>ml</u> | PH  | Surr/Spike By: |            | Final Vol.<br>(mL) | JarID | Comments | Prep<br>Pos |
|-----------|-----------------------|---------------|---------------|-----|----------------|------------|--------------------|-------|----------|-------------|
|           |                       |               |               |     | AddedBy        | VerifiedBy |                    |       |          |             |
| P4442-11  | PEST-GPC2-BLANK       | Pesticide-TCL | 10.0          | N/A | RUPESH         | rajesh     | 5                  |       |          |             |
| P4442-12  | PEST-GPC2-BLANK-SPIKE | Pesticide-TCL | 10.0          | N/A | RUPESH         | rajesh     | 5                  |       |          |             |

*10/22*

# WORKLIST(Hardcopy Internal Chain)

WorkList Name : P4442

WorkList ID : 184631

Department : Extraction

Date : 10-21-2024 10:40:43

| Sample   | Customer Sample       | Matrix | Test                   | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method    |
|----------|-----------------------|--------|------------------------|--------------|----------|-----------------------------|--------------|-----------|
| P4442-05 | SVOC-GPC-BLANK        | Solid  | SVOC-Chemtech Full -25 | Cool 4 deg C | CHEM02   | K11                         | 10/18/2024   | SFAM_SVOC |
| P4442-06 | PEST-GPC-BLANK        | Solid  | Pesticide-TCL          | Cool 4 deg C | CHEM02   | K11                         | 10/18/2024   | SFAM_PEST |
| P4442-07 | PEST-GPC-BLANK-SPIKE  | Solid  | Pesticide-TCL          | Cool 4 deg C | CHEM02   | K11                         | 10/18/2024   | SFAM_PEST |
| P4442-08 | PCB-GPC-BLANK         | Solid  | PCB                    | Cool 4 deg C | CHEM02   | K11                         | 10/18/2024   | SFAM_PEST |
| P4442-09 | PCB-GPC-BLANK-SPIKE   | Solid  | PCB                    | Cool 4 deg C | CHEM02   | K11                         | 10/18/2024   | SFAM_PCB  |
| P4442-10 | SVOC-GPC2-BLANK       | Solid  | SVOC-Chemtech Full -25 | Cool 4 deg C | CHEM02   | K11                         | 10/18/2024   | SFAM_PCB  |
| P4442-11 | PEST-GPC2-BLANK       | Solid  | Pesticide-TCL          | Cool 4 deg C | CHEM02   | K11                         | 10/18/2024   | SFAM_SVOC |
| P4442-12 | PEST-GPC2-BLANK-SPIKE | Solid  | Pesticide-TCL          | Cool 4 deg C | CHEM02   | K11                         | 10/18/2024   | SFAM_PEST |
| P4442-13 | PCB-GPC2-BLANK        | Solid  | PCB                    | Cool 4 deg C | CHEM02   | K11                         | 10/18/2024   | SFAM_PEST |
| P4442-14 | PCB-GPC2-BLANK-SPIKE  | Solid  | PCB                    | Cool 4 deg C | CHEM02   | K11                         | 10/18/2024   | SFAM_PCB  |

Date/Time 10/21/24 10:02  
 Raw Sample Received by: RS (Sel bag)  
 Raw Sample Relinquished by: OP SM

Date/Time 10/21/24  
 Raw Sample Received by: OP SM  
 Raw Sample Relinquished by: RS (Sel bag)



# SHIPPING DOCUMENTS

# CHEMTECH

## CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092  
(908) 789-8900 Fax (908) 789-8822  
www.chemtech.net

#1

### CLIENT INFORMATION

Report to be sent to:  
COMPANY: Chemtech  
ADDRESS: 284 Sheffield Street  
CITY: Mountainside STATE: NJ ZIP: 07092  
ATTENTION: QA Officer  
PHONE: (908) 789-8822 FAX: (908) 789-8822

PROJECT NAME: Weekly Change Blanks  
PROJECT #:   
PROJECT MANAGER:   
LOCATION: ALT  
E-MAIL:   
PHONE:   
FAX:   
PROJECT INFORMATION

Chemtech Project Number  
COC Number: P4442

DATA TURNAROUND INFORMATION  
FAX (RUSH)  
HARDCOPY (DATA PACKAGE):   
EDD:   
TO BE APPROVED BY CHEMTECH  
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS

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

BILLING INFORMATION  
BILL TO: Same  
ADDRESS:   
CITY:   
ATTENTION:   
PHONE:   
STATE:   
ZIP:   
POB:   
SWE:   
ZIP:

| CHEMTECH SAMPLE ID           | PROJECT SAMPLE IDENTIFICATION |
|------------------------------|-------------------------------|
| 1. Storage-Blank-SOIL-REF-1a |                               |
| 2. Storage-Blank-WATER-REF-3 |                               |
| 3. Storage-Blank-WATER-REF-4 |                               |
| 4. SVOC-GPC-BLANK            |                               |
| 5. PEST-GPC-BLANK            |                               |
| 6. PEST-GPC-BLANK-SPIKE      |                               |
| 7. PCB-GPC-BLANK             |                               |
| 8. PCB-GPC-BLANK-SPIKE       |                               |
| 9. SVOC-GPC2-BLANK           |                               |
| 10. SVOC-GPC2-BLANK          |                               |

| SAMPLE MATRIX | SAMPLE TYPE | SAMPLE COLLECTION |      | ANALYSIS |
|---------------|-------------|-------------------|------|----------|
|               |             | DATE              | TIME |          |
| AQ            |             |                   |      |          |
| AQ            | X           |                   |      |          |
| AQ            | X           |                   |      |          |
| AQ            | X           |                   |      |          |
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| ANALYSIS      |   |   |   |   |   |   |   |   |   | COMMENTS |
|---------------|---|---|---|---|---|---|---|---|---|----------|
| PRESERVATIVES |   |   |   |   |   |   |   |   |   |          |
| 1             | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |   |          |
| X             |   |   |   |   |   |   |   |   |   |          |
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| RELINQUISHED BY       | DATE/TIME | RECEIVED BY     |
|-----------------------|-----------|-----------------|
| 1. <i>[Signature]</i> |           | 1.<br>DATE/TIME |
| 2.<br>DATE/TIME       |           | 2.<br>DATE/TIME |
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Comments:   
Collection of bottles or culture at receipt:   
COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP: 6.0

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT

Page 1 of 2  
YELLOW - CHEMTECH COPY

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

PINK - SAMPLER COPY

Shipment Complete  
YES ☒ NO ☐

# CHEMTECH

## CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092  
(908) 789-8900 Fax (908) 789-8022  
www.chemtech.net

#2

### CLIENT INFORMATION

Chemtech Project Number

COC Number

P4442

### BILLING INFORMATION

BILL TO:

ADDRESS:

CITY:

ATTENTION:

PHONE:

POB

STATE

ZIP

### PROJECT INFORMATION

PROJECT NAME

PROJECT #

PROJECT MANAGER

E-MAIL:

PHONE:

LOCATION

DATE

### DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)  
☐ Level 2 (Results + QC)  
☐ Level 3 (Results + QC + Raw Data)  
☐ EDD FORMAT

- ☐ Level 4 (QC + Full Raw Data)  
☐ NJ Reduced  
☐ NY ASPA  
☐ NY ASPB  
☐ Other

### ANALYSIS

- ☐ PCB-CAMPA  
☐ PCB-CON-125  
☐ PCB-CON-125  
☐ PCB-CON-125  
☐ PCB-CON-125  
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☐ PCB-CON-125

### PRESERVATIVES

### COMMENTS

- Specify Preservation  
A-HCI D-NCH  
B-HNCH E-NCH  
C-HNCH F-OTHER

### DATA TURNAROUND INFORMATION

FAX (RUSH)

HARD COPY (DATA PACKAGE)

EDD

TO BE APPROVED BY CHEMTECH

STANDARD HARD COPY TURNAROUND TIME IS 10 BUSINESS DAYS

DAYS  
DAYS  
DAYS

CHEMTECH  
SAMPLE  
ID

PROJECT  
SAMPLE IDENTIFICATION

SAMPLE  
MATRIX

SAMPLE  
TYPE

SAMPLE  
COLLECTION

DATE

TIME

1

2

3

4

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

RELINQUISHED BY  
DATE/TIME  
RECEIVED BY  
DATE/TIME  
RECEIVED BY  
DATE/TIME  
RECEIVED FOR LAB BY  
DATE/TIME

DATE/TIME  
DATE/TIME  
DATE/TIME

RECEIVED BY  
RECEIVED BY  
RECEIVED FOR LAB BY

Condition of bottles or vials at receipt

Comments

COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP

6.0

Page 2 of 2

CLIENT: ☐ Hand Delivered ☐ Other

CHEMTECH: ☐ Picked Up

Shipment Complete  
YES ☒ NO ☐

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT

YELLOW - CHEMTECH COPY

PINK - SAMPLER COPY

10/2016



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 (L-A-B)     | L2219            |
| Maine                | 2024021          |
| Maryland             | 296              |
| New Hampshire        | 255423           |
| New Jersey           | 20012            |
| New York             | 11376            |
| Pennsylvania         | 68-00548         |
| Soil Permit          | 525-24-234-08441 |
| Texas                | T104704488       |