

## 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> | P5369                     | <b>OrderDate:</b> | 12/20/2024 10:52:00 AM |
| <b>Client:</b>  | Chemtech Consulting Group | <b>Project:</b>   | Weekly Storage Blanks  |
| <b>Contact:</b> | QA Officer                | <b>Location:</b>  | N22,VOA Ref. #2 Soil   |

| LabID           | ClientID                          | Matrix      | Test          | Method    | Sample Date     | Prep Date | Anal Date | Received        |
|-----------------|-----------------------------------|-------------|---------------|-----------|-----------------|-----------|-----------|-----------------|
| <b>P5369-11</b> | <b>PEST-GPC2-BLANK</b>            | <b>SOIL</b> | Pesticide-TCL | SFAM_PEST | <b>12/13/24</b> | 12/23/24  | 12/26/24  | <b>12/20/24</b> |
| <b>P5369-12</b> | <b>PEST-GPC2-BLANK-SP<br/>IKE</b> | <b>SOIL</b> | Pesticide-TCL | SFAM_PEST | <b>12/13/24</b> | 12/23/24  | 12/26/24  | <b>12/20/24</b> |
| <b>P5369-13</b> | <b>PCB-GPC2-BLANK</b>             | <b>SOIL</b> | PCB           | SFAM_PCB  | <b>12/13/24</b> | 12/23/24  | 12/24/24  | <b>12/20/24</b> |
| <b>P5369-14</b> | <b>PCB-GPC2-BLANK-SPI<br/>KE</b>  | <b>SOIL</b> | PCB           | SFAM_PCB  | <b>12/13/24</b> | 12/23/24  | 12/24/24  | <b>12/20/24</b> |

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

**SDG No.:** P5369

**Order ID:** P5369

**Client:** Chemtech Consulting Group

**Project ID:** Weekly Storage Blanks

| Sample ID                                | Client ID             | Matrix | Parameter           | Concentration  | C | MDL  | RDL  | Units |
|------------------------------------------|-----------------------|--------|---------------------|----------------|---|------|------|-------|
| <b>Client ID : PEST-GPC2-BLANK-SPIKE</b> |                       |        |                     |                |   |      |      |       |
| P5369-12                                 | PEST-GPC2-BLANK· SOIL |        | gamma-BHC (Lindane) | 18.0           |   | 0.48 | 5.10 | ug/kg |
| P5369-12                                 | PEST-GPC2-BLANK· SOIL |        | Heptachlor          | 18.0           |   | 0.57 | 5.10 | ug/kg |
| P5369-12                                 | PEST-GPC2-BLANK· SOIL |        | Aldrin              | 18.0           |   | 0.39 | 5.10 | ug/kg |
| P5369-12                                 | PEST-GPC2-BLANK· SOIL |        | Dieldrin            | 36.0           |   | 0.45 | 9.90 | ug/kg |
| P5369-12                                 | PEST-GPC2-BLANK· SOIL |        | Endrin              | 36.0           |   | 0.63 | 9.90 | ug/kg |
| P5369-12                                 | PEST-GPC2-BLANK· SOIL |        | 4,4-DDT             | 37.0           |   | 0.63 | 9.90 | ug/kg |
| <b>Total Concentration:</b>              |                       |        |                     | <b>163.000</b> |   |      |      |       |



# QC SUMMARY

### Surrogate Summary

SDG No.: P5369

Client: Chemtech Consulting Group

Analytical Method: SFAM\_PEST

| Lab Sample ID | Client ID             | Parameter | Column | Spike | Result | Rec | Qual | Limits |      |
|---------------|-----------------------|-----------|--------|-------|--------|-----|------|--------|------|
|               |                       |           |        |       |        |     |      | Low    | High |
| P5369-11      | 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  |
| P5369-12      | 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.: P5369

SAS No.: P5369 SDG NO.: P5369

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:    | 12/13/24      |
| Project:           | Weekly Storage Blanks     | Date Received:     | 12/20/24      |
| Client Sample ID:  | PEST-GPC2-BLANK           | SDG No.:           | P5369         |
| Lab Sample ID:     | P5369-11                  | 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 |
| PD087339.D        | 1         | 12/23/24 10:25 | 12/26/24 13:15 | PB165824      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 319-84-6          | alpha-BHC            | 0.39  | U         | 0.39     | 5.10       | ug/kg             |
| 319-85-7          | beta-BHC             | 0.39  | U         | 0.39     | 5.10       | ug/kg             |
| 319-86-8          | delta-BHC            | 1.40  | U         | 1.40     | 5.10       | ug/kg             |
| 58-89-9           | gamma-BHC (Lindane)  | 0.48  | U         | 0.48     | 5.10       | ug/kg             |
| 76-44-8           | Heptachlor           | 0.57  | U         | 0.57     | 5.10       | ug/kg             |
| 309-00-2          | Aldrin               | 0.39  | U         | 0.39     | 5.10       | ug/kg             |
| 1024-57-3         | Heptachlor epoxide   | 0.42  | U         | 0.42     | 5.10       | ug/kg             |
| 959-98-8          | Endosulfan I         | 0.39  | U         | 0.39     | 5.10       | ug/kg             |
| 60-57-1           | Dieldrin             | 0.45  | U         | 0.45     | 9.90       | ug/kg             |
| 72-55-9           | 4,4-DDE              | 0.48  | U         | 0.48     | 9.90       | ug/kg             |
| 72-20-8           | Endrin               | 0.63  | U         | 0.63     | 9.90       | ug/kg             |
| 33213-65-9        | Endosulfan II        | 0.57  | U         | 0.57     | 9.90       | ug/kg             |
| 72-54-8           | 4,4-DDD              | 0.57  | U         | 0.57     | 9.90       | ug/kg             |
| 1031-07-8         | Endosulfan Sulfate   | 0.60  | U         | 0.60     | 9.90       | ug/kg             |
| 50-29-3           | 4,4-DDT              | 0.63  | U         | 0.63     | 9.90       | ug/kg             |
| 72-43-5           | Methoxychlor         | 0.75  | U         | 0.75     | 51.0       | ug/kg             |
| 53494-70-5        | Endrin ketone        | 0.45  | U         | 0.45     | 9.90       | ug/kg             |
| 7421-93-4         | Endrin Aldehyde      | 0.54  | U         | 0.54     | 9.90       | ug/kg             |
| 5103-71-9         | cis-Chlordane        | 0.39  | U         | 0.39     | 5.10       | ug/kg             |
| 5103-74-2         | trans-Chlordane      | 0.39  | U         | 0.39     | 5.10       | ug/kg             |
| 8001-35-2         | Toxaphene            | 24.0  | U         | 24.0     | 510        | ug/kg             |
| <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:    | 12/13/24      |
| Project:           | Weekly Storage Blanks     | Date Received:     | 12/20/24      |
| Client Sample ID:  | PEST-GPC2-BLANK           | SDG No.:           | P5369         |
| Lab Sample ID:     | P5369-11                  | 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 |
| PD087339.D        | 1         | 12/23/24 10:25 | 12/26/24 13:15 | PB165824      |

| 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\PD122624\  
Data File : PD087339.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Dec 2024 13:15  
Operator : AR\AJ  
Sample : P5369-11  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 26 21:46:12 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD122024CLP.M  
Quant Title : GC Extractables  
QLast Update : Fri Dec 20 23:32:53 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

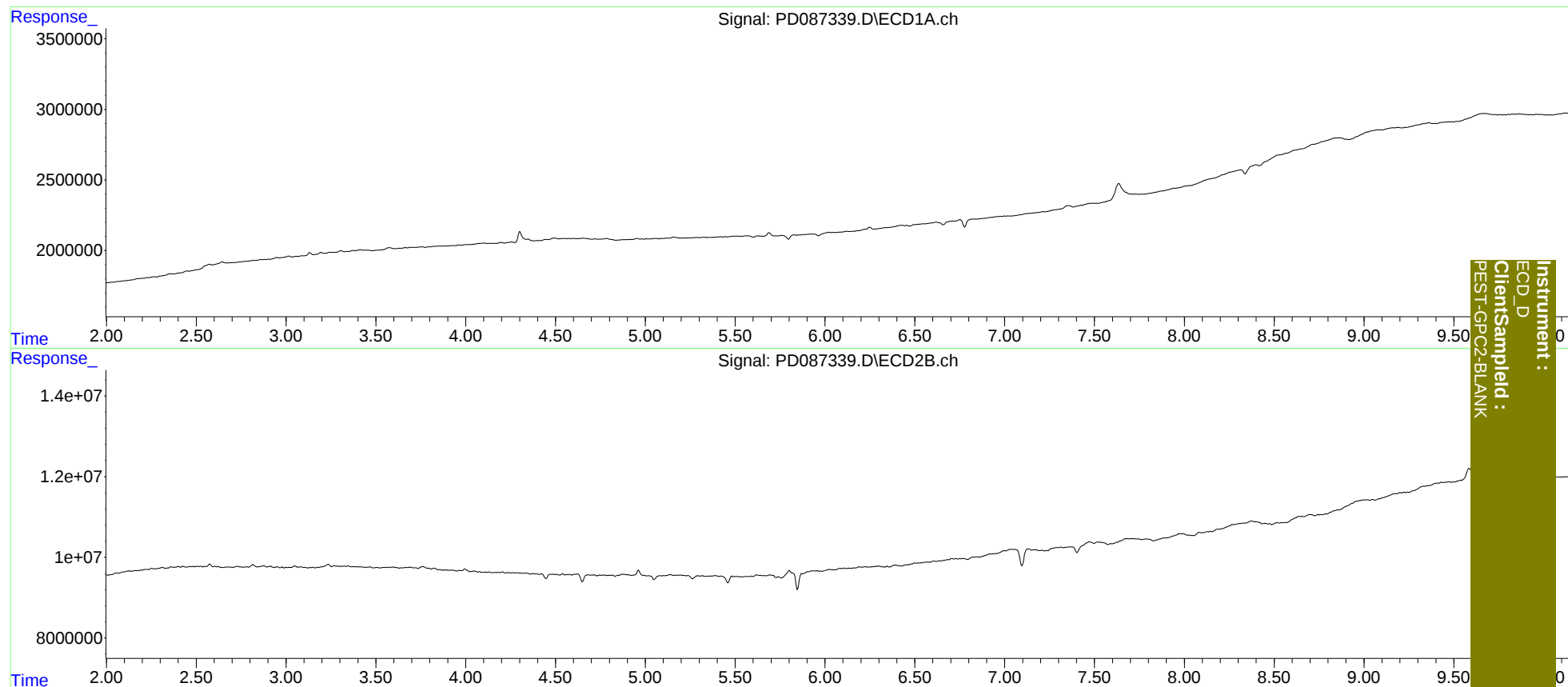
Target Compounds  
-----

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD122624\  
Data File : PD087339.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Dec 2024 13:15  
Operator : AR\AJ  
Sample : P5369-11  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 26 21:46:12 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD122024CLP.M  
Quant Title : GC Extractables  
QLast Update : Fri Dec 20 23:32:53 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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



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

## Report of Analysis

|                    |                           |                    |               |
|--------------------|---------------------------|--------------------|---------------|
| Client:            | Chemtech Consulting Group | Date Collected:    | 12/13/24      |
| Project:           | Weekly Storage Blanks     | Date Received:     | 12/20/24      |
| Client Sample ID:  | PEST-GPC2-BLANK-SPIKE     | SDG No.:           | P5369         |
| Lab Sample ID:     | P5369-12                  | 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 |
| PD087340.D        | 1         | 12/23/24 10:25 | 12/26/24 13:29 | PB165824      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 319-84-6          | alpha-BHC            | 0.39  | U         | 0.39     | 5.10       | ug/kg             |
| 319-85-7          | beta-BHC             | 0.39  | U         | 0.39     | 5.10       | ug/kg             |
| 319-86-8          | delta-BHC            | 1.40  | U         | 1.40     | 5.10       | ug/kg             |
| 58-89-9           | gamma-BHC (Lindane)  | 18.0  |           | 0.48     | 5.10       | ug/kg             |
| 76-44-8           | Heptachlor           | 18.0  |           | 0.57     | 5.10       | ug/kg             |
| 309-00-2          | Aldrin               | 18.0  |           | 0.39     | 5.10       | ug/kg             |
| 1024-57-3         | Heptachlor epoxide   | 0.42  | U         | 0.42     | 5.10       | ug/kg             |
| 959-98-8          | Endosulfan I         | 0.39  | U         | 0.39     | 5.10       | ug/kg             |
| 60-57-1           | Dieldrin             | 36.0  |           | 0.45     | 9.90       | ug/kg             |
| 72-55-9           | 4,4-DDE              | 0.48  | U         | 0.48     | 9.90       | ug/kg             |
| 72-20-8           | Endrin               | 36.0  |           | 0.63     | 9.90       | ug/kg             |
| 33213-65-9        | Endosulfan II        | 0.57  | U         | 0.57     | 9.90       | ug/kg             |
| 72-54-8           | 4,4-DDD              | 0.57  | U         | 0.57     | 9.90       | ug/kg             |
| 1031-07-8         | Endosulfan Sulfate   | 0.60  | U         | 0.60     | 9.90       | ug/kg             |
| 50-29-3           | 4,4-DDT              | 37.0  |           | 0.63     | 9.90       | ug/kg             |
| 72-43-5           | Methoxychlor         | 0.75  | U         | 0.75     | 51.0       | ug/kg             |
| 53494-70-5        | Endrin ketone        | 0.45  | U         | 0.45     | 9.90       | ug/kg             |
| 7421-93-4         | Endrin Aldehyde      | 0.54  | U         | 0.54     | 9.90       | ug/kg             |
| 5103-71-9         | cis-Chlordane        | 0.39  | U         | 0.39     | 5.10       | ug/kg             |
| 5103-74-2         | trans-Chlordane      | 0.39  | U         | 0.39     | 5.10       | ug/kg             |
| 8001-35-2         | Toxaphene            | 24.0  | U         | 24.0     | 510        | ug/kg             |
| <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:    | 12/13/24      |
| Project:           | Weekly Storage Blanks     | Date Received:     | 12/20/24      |
| Client Sample ID:  | PEST-GPC2-BLANK-SPIKE     | SDG No.:           | P5369         |
| Lab Sample ID:     | P5369-12                  | 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 |
| PD087340.D        | 1         | 12/23/24 10:25 | 12/26/24 13:29 | PB165824      |

| 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\PD122624\  
 Data File : PD087340.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Dec 2024 13:29  
 Operator : AR\AJ  
 Sample : P5369-12  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 12/27/2024  
 Supervised By :Ankita Jodhani 12/27/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 26 21:46:29 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD122024CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Dec 20 23:32:53 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

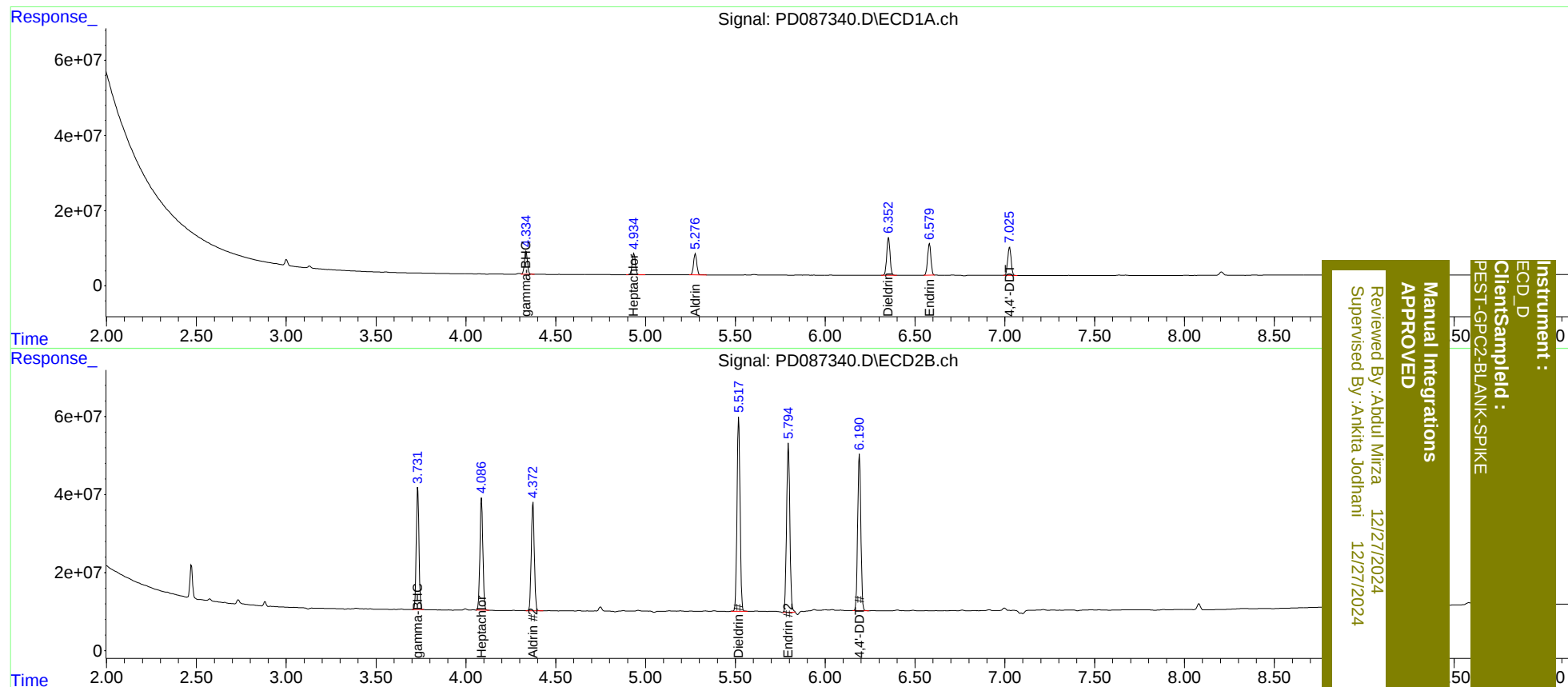
|        |              |       |       |          |         |         |        |
|--------|--------------|-------|-------|----------|---------|---------|--------|
| 3) MA  | gamma-BHC... | 4.334 | 3.733 | 71143470 | 328.1E6 | 18.216m | 19.394 |
| 4) MA  | Heptachlor   | 4.936 | 4.087 | 70033355 | 327.9E6 | 17.648  | 18.964 |
| 5) MB  | Aldrin       | 5.278 | 4.374 | 69735127 | 326.5E6 | 17.902  | 19.506 |
| 13) MA | Dieldrin     | 6.353 | 5.519 | 129.1E6  | 591.6E6 | 35.684  | 38.644 |
| 14) MA | Endrin       | 6.581 | 5.795 | 108.3E6  | 542.0E6 | 36.258  | 38.797 |
| 17) MA | 4,4'-DDT     | 7.027 | 6.191 | 98787067 | 494.2E6 | 36.848  | 39.201 |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD122624\  
Data File : PD087340.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Dec 2024 13:29  
Operator : AR\AJ  
Sample : P5369-12  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 26 21:46:29 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD122024CLP.M  
Quant Title : GC Extractables  
QLast Update : Fri Dec 20 23:32:53 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 12/27/2024  
Supervised By: Ankita Jodhani 12/27/2024

Manual Integrations  
APPROVED

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD122624\  
Data File : PD087340.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Dec 2024 13:29  
Operator : AR\AJ  
Sample : P5369-12  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

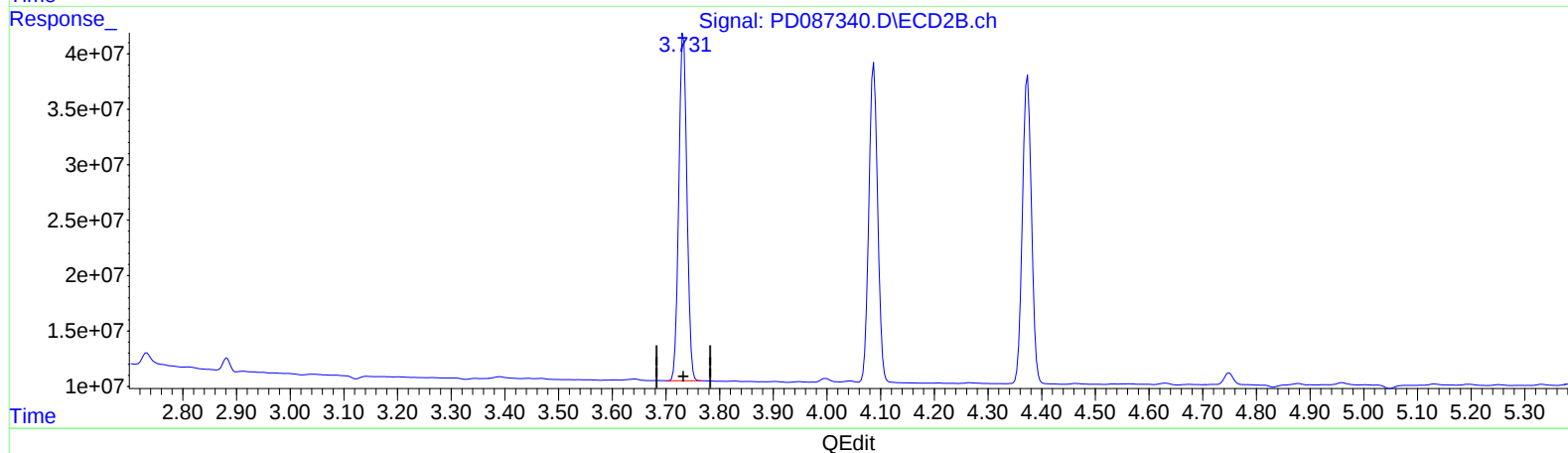
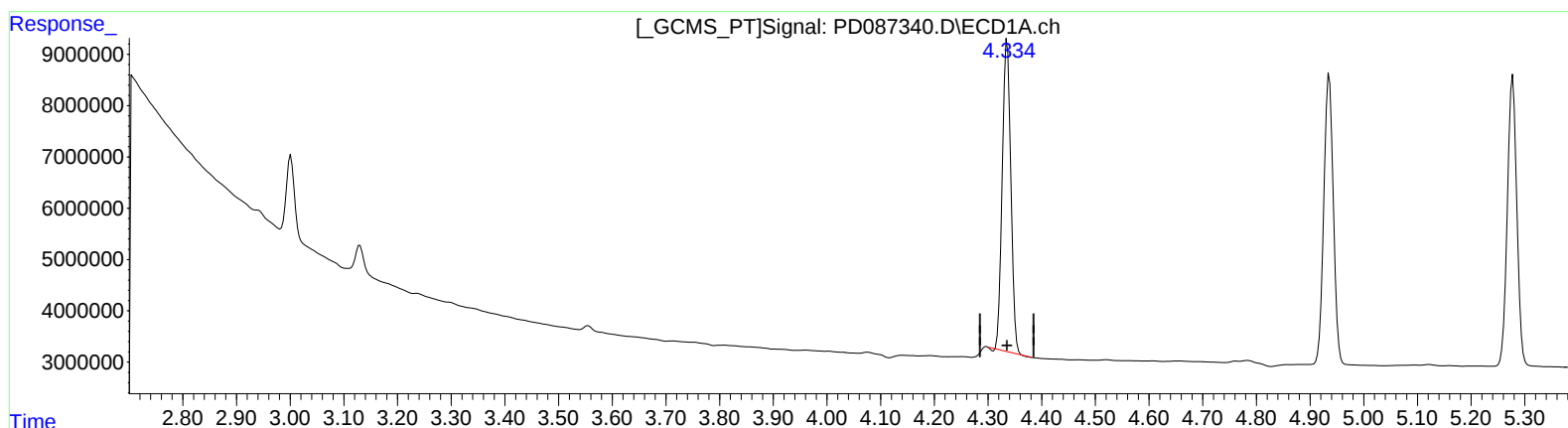
Instrument :  
ECD\_D  
ClientSampleId :  
PEST-GPC2-BLANK-SPIKE

## Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/27/2024  
Supervised By :Ankita Jodhani 12/27/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 26 21:46:29 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD122024CLP.M  
Quant Title : GC Extractables  
QLast Update : Fri Dec 20 23:32:53 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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



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

4.336min 17.226 ng/ml

response 67276598

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

3.733min 19.394 ng/ml

response 328132626

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD122624\  
Data File : PD087340.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Dec 2024 13:29  
Operator : AR\AJ  
Sample : P5369-12  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

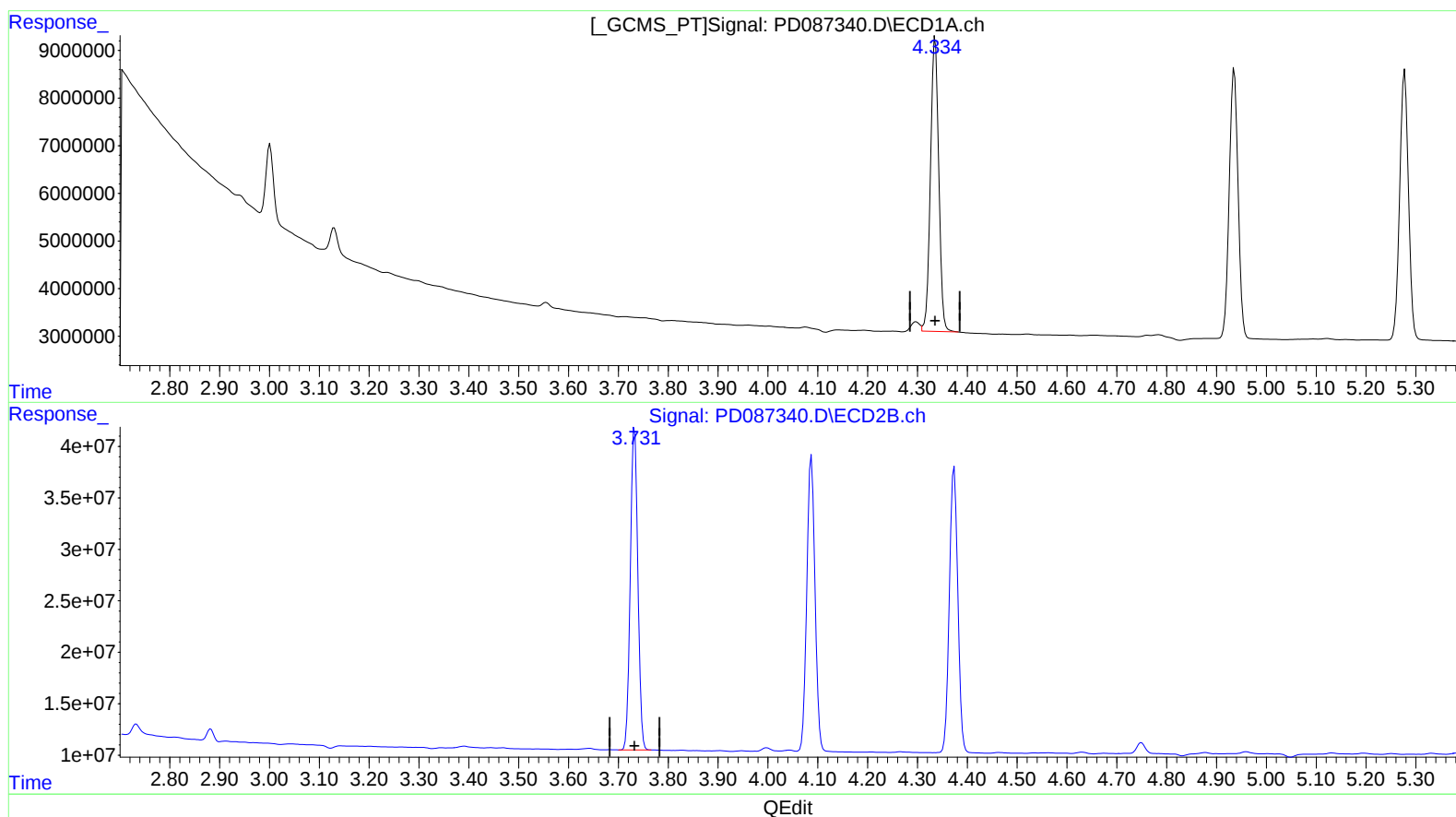
Instrument :  
ECD\_D  
ClientSampleId :  
PEST-GPC2-BLANK-SPIKE

## Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/27/2024  
Supervised By :Ankita Jodhani 12/27/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 26 21:46:29 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD122024CLP.M  
Quant Title : GC Extractables  
QLast Update : Fri Dec 20 23:32:53 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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



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

4.334min 18.216 ng/ml m

response 71143470

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

3.733min 19.394 ng/ml

response 328132626



# CALIBRATION SUMMARY

## Analytical Sequence

**Client:** Chemtech Consulting Group

**SDG No.:** P5369

**Project:** Weekly Storage Blanks

**Instrument ID:** ECD\_D

**GC Column:** ZB-MR1

**ID:** 0.32 (mm)

**Inst. Calib. Date(s):** 12/19/2024 12/19/2024

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-GPC2-BLANK       | P5369-11         | 12/26/2024       | 13:15            | PD087339.D | 0.00        | 0.00        |
| PEST-GPC2-BLANK-SPIKE | P5369-12         | 12/26/2024       | 13:29            | PD087340.D | 0.00        | 0.00        |

## Analytical Sequence

**Client:** Chemtech Consulting Group

**SDG No.:** P5369

**Project:** Weekly Storage Blanks

**Instrument ID:** ECD\_D

**GC Column:** ZB-MR2

**ID:** 0.32 (mm)

**Inst. Calib. Date(s):** 12/19/2024 12/19/2024

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-GPC2-BLANK       | P5369-11         | 12/26/2024       | 13:15            | PD087339.D | 0.00        | 0.00        |
| PEST-GPC2-BLANK-SPIKE | P5369-12         | 12/26/2024       | 13:29            | PD087340.D | 0.00        | 0.00        |

**COMPOUND DETECTION SUMMARY**

CLIENT SAMPLE NO.

PEST-GPC2-BLANK-SPIKE

Contract: CHEM02

Lab Code: CHEM Case No.: P5369

SAS No.: P5369 SDG NO.: P5369

Lab Sample ID: P5369-12

Date(s) Analyzed: 12/26/2024 12/26/2024

Instrument ID (1): ECD\_D

Instrument ID (2): ECD\_D

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

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

| ANALYTE             | COL | RT   | RT WINDOW |      | CONCENTRATION | %RPD |
|---------------------|-----|------|-----------|------|---------------|------|
|                     |     |      | FROM      | TO   |               |      |
| gamma-BHC (Lindane) | 1   | 4.33 | 4.28      | 4.38 | 18.0          | 6.4  |
|                     | 2   | 3.73 | 3.68      | 3.78 | 19.0          |      |
| Heptachlor          | 1   | 4.94 | 4.89      | 4.99 | 18.0          | 7.4  |
|                     | 2   | 4.09 | 4.04      | 4.14 | 19.0          |      |
| Aldrin              | 1   | 5.28 | 5.23      | 5.33 | 18.0          | 9    |
|                     | 2   | 4.37 | 4.32      | 4.42 | 20.0          |      |
| Dieldrin            | 1   | 6.35 | 6.30      | 6.40 | 36.0          | 8.3  |
|                     | 2   | 5.52 | 5.47      | 5.57 | 39.0          |      |
| Endrin              | 1   | 6.58 | 6.53      | 6.63 | 36.0          | 7    |
|                     | 2   | 5.80 | 5.75      | 5.85 | 39.0          |      |
| 4,4'-DDT            | 1   | 7.03 | 6.98      | 7.08 | 37.0          | 6.4  |
|                     | 2   | 6.19 | 6.14      | 6.24 | 39.0          |      |



# QC SAMPLE DATA



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

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | PD122024 | Instrument | ECD_d |
|-----------|----------|------------|-------|

| Sample ID | File ID    | Parameter                 | Review By | Review On                | Supervised By | Supervised On         | Reason                      |
|-----------|------------|---------------------------|-----------|--------------------------|---------------|-----------------------|-----------------------------|
| PEM024    | PD087205.D | gamma-BHC (Lindane)<br>#2 | Abdul     | 12/23/2024<br>2:55:08 PM | mohammad      | 12/25/2024<br>4:05:22 | Peak Integrated by Software |
| PEM025    | PD087222.D | gamma-BHC (Lindane)<br>#2 | Abdul     | 12/23/2024<br>2:55:12 PM | mohammad      | 12/25/2024<br>4:05:28 | Peak Integrated by Software |

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | pd122624 | Instrument | ECD_d |
|-----------|----------|------------|-------|

| Sample ID | File ID    | Parameter                 | Review By | Review On                | Supervised By | Supervised On         | Reason                      |
|-----------|------------|---------------------------|-----------|--------------------------|---------------|-----------------------|-----------------------------|
| PEM034    | PD087336.D | 4,4"-DDD                  | Abdul     | 12/27/2024<br>8:10:17 AM | Ankita        | 12/27/2024<br>8:18:44 | Peak Integrated by Software |
| PEM034    | PD087336.D | gamma-BHC (Lindane)       | Abdul     | 12/27/2024<br>8:10:17 AM | Ankita        | 12/27/2024<br>8:18:44 | Peak Integrated by Software |
| PEM034    | PD087336.D | gamma-BHC (Lindane)<br>#2 | Abdul     | 12/27/2024<br>8:10:17 AM | Ankita        | 12/27/2024<br>8:18:44 | Peak Integrated by Software |
| P5369-12  | PD087340.D | gamma-BHC (Lindane)       | Abdul     | 12/27/2024<br>8:10:24 AM | Ankita        | 12/27/2024<br>8:18:48 | Peak Integrated by Software |
| INDB344   | PD087346.D | cis-Chlordane             | Abdul     | 12/27/2024<br>8:10:38 AM | Ankita        | 12/27/2024<br>8:18:54 | Peak Integrated by Software |
| INDB344   | PD087346.D | cis-Chlordane #2          | Abdul     | 12/27/2024<br>8:10:38 AM | Ankita        | 12/27/2024<br>8:18:54 | Peak Integrated by Software |
| PEM035    | PD087356.D | 4,4"-DDD                  | Abdul     | 12/27/2024<br>8:11:12 AM | Ankita        | 12/27/2024<br>8:19:09 | Peak Integrated by Software |
| PEM035    | PD087356.D | 4,4"-DDE                  | Abdul     | 12/27/2024<br>8:11:12 AM | Ankita        | 12/27/2024<br>8:19:09 | Peak Integrated by Software |
| PEM035    | PD087356.D | 4,4"-DDE #2               | Abdul     | 12/27/2024<br>8:11:12 AM | Ankita        | 12/27/2024<br>8:19:09 | Peak Integrated by Software |
| PEM035    | PD087356.D | Decachlorobiphenyl #2     | Abdul     | 12/27/2024<br>8:11:12 AM | Ankita        | 12/27/2024<br>8:19:09 | Peak Integrated by Software |

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD122024**

|                          |                                                                                                                         |                   |                                  |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------------|
| Review By                | Abdul                                                                                                                   | Review On         | 12/20/2024 9:21:23 AM            |
| Supervise By             | mohammad                                                                                                                | Supervise On      | 12/25/2024 4:05:44 AM            |
| SubDirectory             | PD122024                                                                                                                | HP Acquire Method | HP Processing Method PD122024clp |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                        |                   |                                  |
| Tune/Reschk              | PP23732,PP23975                                                                                                         |                   |                                  |
| Initial Calibration Stds | PP23731,PP23730,PP23729,PP23728,PP23727,PP23718,PP23724,PP23717,PP23723,PP23716,PP23722,PP23715,PP23721,PP23714,PP23720 |                   |                                  |
| CCC                      | PP23716,PP23722,PP23729                                                                                                 |                   |                                  |
| Internal Standard/PEM    |                                                                                                                         |                   |                                  |
| ICV/I.BLK                |                                                                                                                         |                   |                                  |
| Surrogate Standard       |                                                                                                                         |                   |                                  |
| MS/MSD Standard          |                                                                                                                         |                   |                                  |
| LCS Standard             |                                                                                                                         |                   |                                  |

| Sr# | SampleId  | Data File Name | Date-Time         | Operator | Status |
|-----|-----------|----------------|-------------------|----------|--------|
| 1   | HEXANE    | PD087203.D     | 19 Dec 2024 17:12 | AR\AJ    | Ok     |
| 2   | RESC054   | PD087204.D     | 19 Dec 2024 17:32 | AR\AJ    | Ok     |
| 3   | PEM024    | PD087205.D     | 19 Dec 2024 17:45 | AR\AJ    | Ok,M   |
| 4   | TOXAPH101 | PD087206.D     | 19 Dec 2024 18:00 | AR\AJ    | Ok     |
| 5   | TOXAPH201 | PD087207.D     | 19 Dec 2024 18:14 | AR\AJ    | Ok     |
| 6   | TOXAPH301 | PD087208.D     | 19 Dec 2024 18:28 | AR\AJ    | Ok     |
| 7   | TOXAPH401 | PD087209.D     | 19 Dec 2024 18:42 | AR\AJ    | Ok     |
| 8   | TOXAPH501 | PD087210.D     | 19 Dec 2024 18:56 | AR\AJ    | Ok     |
| 9   | INDA101   | PD087211.D     | 19 Dec 2024 19:10 | AR\AJ    | Ok     |
| 10  | INDB101   | PD087212.D     | 19 Dec 2024 19:24 | AR\AJ    | Ok     |
| 11  | INDA201   | PD087213.D     | 19 Dec 2024 19:38 | AR\AJ    | Ok     |
| 12  | INDB201   | PD087214.D     | 19 Dec 2024 19:52 | AR\AJ    | Ok     |
| 13  | INDA301   | PD087215.D     | 19 Dec 2024 20:06 | AR\AJ    | Ok     |
| 14  | INDB301   | PD087216.D     | 19 Dec 2024 20:20 | AR\AJ    | Ok     |
| 15  | INDA401   | PD087217.D     | 19 Dec 2024 20:34 | AR\AJ    | Ok     |
| 16  | INDB401   | PD087218.D     | 19 Dec 2024 20:48 | AR\AJ    | Ok     |
| 17  | INDA501   | PD087219.D     | 19 Dec 2024 21:02 | AR\AJ    | Ok     |
| 18  | INDB501   | PD087220.D     | 19 Dec 2024 21:16 | AR\AJ    | Ok     |
| 19  | PIBLK068  | PD087221.D     | 19 Dec 2024 21:30 | AR\AJ    | Ok     |
| 20  | PEM025    | PD087222.D     | 19 Dec 2024 21:44 | AR\AJ    | Ok,M   |

M : Manual Integration

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD122624**

|                          |                                                                                                                         |                   |                                  |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------------|
| Review By                | Abdul                                                                                                                   | Review On         | 12/27/2024 8:11:36 AM            |
| Supervise By             | Ankita                                                                                                                  | Supervise On      | 12/27/2024 8:19:24 AM            |
| SubDirectory             | PD122624                                                                                                                | HP Acquire Method | HP Processing Method pd122024clp |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                        |                   |                                  |
| Tune/Reschk              | PP23732,PP23975                                                                                                         |                   |                                  |
| Initial Calibration Stds | PP23731,PP23730,PP23729,PP23728,PP23727,PP23718,PP23724,PP23717,PP23723,PP23716,PP23722,PP23715,PP23721,PP23714,PP23720 |                   |                                  |
| CCC                      | PP23716,PP23722,PP23729                                                                                                 |                   |                                  |
| Internal Standard/PEM    |                                                                                                                         |                   |                                  |
| ICV/I.BLK                |                                                                                                                         |                   |                                  |
| Surrogate Standard       |                                                                                                                         |                   |                                  |
| MS/MSD Standard          |                                                                                                                         |                   |                                  |
| LCS Standard             |                                                                                                                         |                   |                                  |

| Sr# | SampleId    | Data File Name | Date-Time         | Operator | Status |
|-----|-------------|----------------|-------------------|----------|--------|
| 1   | HEXANE      | PD087334.D     | 26 Dec 2024 12:03 | AR\AJ    | Ok     |
| 2   | PIBLK080    | PD087335.D     | 26 Dec 2024 12:17 | AR\AJ    | Ok     |
| 3   | PEM034      | PD087336.D     | 26 Dec 2024 12:31 | AR\AJ    | Ok,M   |
| 4   | P5193-11    | PD087337.D     | 26 Dec 2024 12:45 | AR\AJ    | Ok     |
| 5   | P5193-12    | PD087338.D     | 26 Dec 2024 12:59 | AR\AJ    | Ok,M   |
| 6   | P5369-11    | PD087339.D     | 26 Dec 2024 13:15 | AR\AJ    | Ok     |
| 7   | P5369-12    | PD087340.D     | 26 Dec 2024 13:29 | AR\AJ    | Ok,M   |
| 8   | PB165710BL  | PD087341.D     | 26 Dec 2024 13:55 | AR\AJ    | Ok     |
| 9   | P5267-05    | PD087342.D     | 26 Dec 2024 14:09 | AR\AJ    | Ok,M   |
| 10  | P5267-06    | PD087343.D     | 26 Dec 2024 14:23 | AR\AJ    | Ok,M   |
| 11  | PIBLK081    | PD087344.D     | 26 Dec 2024 14:37 | AR\AJ    | Ok     |
| 12  | INDA344     | PD087345.D     | 26 Dec 2024 14:52 | AR\AJ    | Ok     |
| 13  | INDB344     | PD087346.D     | 26 Dec 2024 15:07 | AR\AJ    | Ok,M   |
| 14  | PB165830BL  | PD087347.D     | 26 Dec 2024 15:21 | AR\AJ    | Ok     |
| 15  | PB165830BS  | PD087348.D     | 26 Dec 2024 15:35 | AR\AJ    | Ok,M   |
| 16  | P5334-01    | PD087349.D     | 26 Dec 2024 15:49 | AR\AJ    | Ok,M   |
| 17  | P5334-02    | PD087350.D     | 26 Dec 2024 16:04 | AR\AJ    | Ok,M   |
| 18  | P5334-03    | PD087351.D     | 26 Dec 2024 16:18 | AR\AJ    | Ok,M   |
| 19  | P5334-04    | PD087352.D     | 26 Dec 2024 16:32 | AR\AJ    | Not Ok |
| 20  | P5334-05MS  | PD087353.D     | 26 Dec 2024 16:46 | AR\AJ    | Ok,M   |
| 21  | P5334-06MSD | PD087354.D     | 26 Dec 2024 17:00 | AR\AJ    | Ok,M   |

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QCBatch ID # PD122624**

| Review By                | Abdul                                                                                                                   | Review On         | 12/27/2024 8:11:36 AM            |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------------|
| Supervise By             | Ankita                                                                                                                  | Supervise On      | 12/27/2024 8:19:24 AM            |
| SubDirectory             | PD122624                                                                                                                | HP Acquire Method | HP Processing Method pd122024clp |
| STD. NAME                | STD REF.#                                                                                                               |                   |                                  |
| Tune/Reschk              | PP23732,PP23975                                                                                                         |                   |                                  |
| Initial Calibration Stds | PP23731,PP23730,PP23729,PP23728,PP23727,PP23718,PP23724,PP23717,PP23723,PP23716,PP23722,PP23715,PP23721,PP23714,PP23720 |                   |                                  |
| CCC                      | PP23716,PP23722,PP23729                                                                                                 |                   |                                  |
| Internal Standard/PEM    |                                                                                                                         |                   |                                  |
| ICV/I.BLK                |                                                                                                                         |                   |                                  |
| Surrogate Standard       |                                                                                                                         |                   |                                  |
| MS/MSD Standard          |                                                                                                                         |                   |                                  |
| LCS Standard             |                                                                                                                         |                   |                                  |

|    |          |            |                   |       |      |
|----|----------|------------|-------------------|-------|------|
| 22 | PIBLK082 | PD087355.D | 26 Dec 2024 17:14 | AR\AJ | Ok   |
| 23 | PEM035   | PD087356.D | 26 Dec 2024 17:28 | AR\AJ | Ok,M |

M : Manual Integration

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD122024**

|                          |                                                                                                                         |                   |                                  |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------------|
| Review By                | Abdul                                                                                                                   | Review On         | 12/20/2024 9:21:23 AM            |
| Supervise By             | mohammad                                                                                                                | Supervise On      | 12/25/2024 4:05:44 AM            |
| SubDirectory             | PD122024                                                                                                                | HP Acquire Method | HP Processing Method PD122024clp |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                        |                   |                                  |
| Tune/Reschk              | PP23732,PP23975                                                                                                         |                   |                                  |
| Initial Calibration Stds | PP23731,PP23730,PP23729,PP23728,PP23727,PP23718,PP23724,PP23717,PP23723,PP23716,PP23722,PP23715,PP23721,PP23714,PP23720 |                   |                                  |
| CCC                      | PP23716,PP23722,PP23729                                                                                                 |                   |                                  |
| Internal Standard/PEM    |                                                                                                                         |                   |                                  |
| ICV/I.BLK                |                                                                                                                         |                   |                                  |
| Surrogate Standard       |                                                                                                                         |                   |                                  |
| MS/MSD Standard          |                                                                                                                         |                   |                                  |
| LCS Standard             |                                                                                                                         |                   |                                  |

| Sr# | SampleId  | ClientID   | Data File Name | Date-Time         | Comment | Operator | Status |
|-----|-----------|------------|----------------|-------------------|---------|----------|--------|
| 1   | HEXANE    | HEXANE     | PD087203.D     | 19 Dec 2024 17:12 |         | AR\AJ    | Ok     |
| 2   | RESC054   | RESC009    | PD087204.D     | 19 Dec 2024 17:32 |         | AR\AJ    | Ok     |
| 3   | PEM024    | PEM011     | PD087205.D     | 19 Dec 2024 17:45 |         | AR\AJ    | Ok,M   |
| 4   | TOXAPH101 | TOXAPH1020 | PD087206.D     | 19 Dec 2024 18:00 |         | AR\AJ    | Ok     |
| 5   | TOXAPH201 | TOXAPH2021 | PD087207.D     | 19 Dec 2024 18:14 |         | AR\AJ    | Ok     |
| 6   | TOXAPH301 | TOXAPH3022 | PD087208.D     | 19 Dec 2024 18:28 |         | AR\AJ    | Ok     |
| 7   | TOXAPH401 | TOXAPH4023 | PD087209.D     | 19 Dec 2024 18:42 |         | AR\AJ    | Ok     |
| 8   | TOXAPH501 | TOXAPH5024 | PD087210.D     | 19 Dec 2024 18:56 |         | AR\AJ    | Ok     |
| 9   | INDA101   | INDA1025   | PD087211.D     | 19 Dec 2024 19:10 |         | AR\AJ    | Ok     |
| 10  | INDB101   | INDB1026   | PD087212.D     | 19 Dec 2024 19:24 |         | AR\AJ    | Ok     |
| 11  | INDA201   | INDA2027   | PD087213.D     | 19 Dec 2024 19:38 |         | AR\AJ    | Ok     |
| 12  | INDB201   | INDB2028   | PD087214.D     | 19 Dec 2024 19:52 |         | AR\AJ    | Ok     |
| 13  | INDA301   | INDA3029   | PD087215.D     | 19 Dec 2024 20:06 |         | AR\AJ    | Ok     |
| 14  | INDB301   | INDB3030   | PD087216.D     | 19 Dec 2024 20:20 |         | AR\AJ    | Ok     |
| 15  | INDA401   | INDA4031   | PD087217.D     | 19 Dec 2024 20:34 |         | AR\AJ    | Ok     |
| 16  | INDB401   | INDB4032   | PD087218.D     | 19 Dec 2024 20:48 |         | AR\AJ    | Ok     |
| 17  | INDA501   | INDA5033   | PD087219.D     | 19 Dec 2024 21:02 |         | AR\AJ    | Ok     |
| 18  | INDB501   | INDB5034   | PD087220.D     | 19 Dec 2024 21:16 |         | AR\AJ    | Ok     |

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD122024**

| Review By                | Abdul                                                                                                                   | Review On         | 12/20/2024 9:21:23 AM            |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------------|
| Supervise By             | mohammad                                                                                                                | Supervise On      | 12/25/2024 4:05:44 AM            |
| SubDirectory             | PD122024                                                                                                                | HP Acquire Method | HP Processing Method PD122024clp |
| STD. NAME                | STD REF.#                                                                                                               |                   |                                  |
| Tune/Reschk              | PP23732,PP23975                                                                                                         |                   |                                  |
| Initial Calibration Stds | PP23731,PP23730,PP23729,PP23728,PP23727,PP23718,PP23724,PP23717,PP23723,PP23716,PP23722,PP23715,PP23721,PP23714,PP23720 |                   |                                  |
| CCC                      | PP23716,PP23722,PP23729                                                                                                 |                   |                                  |
| Internal Standard/PEM    |                                                                                                                         |                   |                                  |
| ICV/I.BLK                |                                                                                                                         |                   |                                  |
| Surrogate Standard       |                                                                                                                         |                   |                                  |
| MS/MSD Standard          |                                                                                                                         |                   |                                  |
| LCS Standard             |                                                                                                                         |                   |                                  |

|    |          |          |            |                   |  |       |      |
|----|----------|----------|------------|-------------------|--|-------|------|
| 19 | PIBLK068 | PIBLK430 | PD087221.D | 19 Dec 2024 21:30 |  | AR\AJ | Ok   |
| 20 | PEM025   | PEM012   | PD087222.D | 19 Dec 2024 21:44 |  | AR\AJ | Ok,M |

M : Manual Integration

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD122624**

|              |          |                   |                                  |
|--------------|----------|-------------------|----------------------------------|
| Review By    | Abdul    | Review On         | 12/27/2024 8:11:36 AM            |
| Supervise By | Ankita   | Supervise On      | 12/27/2024 8:19:24 AM            |
| SubDirectory | PD122624 | HP Acquire Method | HP Processing Method pd122024clp |

| STD. NAME                | STD REF.#                                                                                                               |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Tune/Reschk              | PP23732,PP23975                                                                                                         |
| Initial Calibration Stds | PP23731,PP23730,PP23729,PP23728,PP23727,PP23718,PP23724,PP23717,PP23723,PP23716,PP23722,PP23715,PP23721,PP23714,PP23720 |
| CCC                      | PP23716,PP23722,PP23729                                                                                                 |
| Internal Standard/PEM    |                                                                                                                         |
| ICV/I.BLK                |                                                                                                                         |
| Surrogate Standard       |                                                                                                                         |
| MS/MSD Standard          |                                                                                                                         |
| LCS Standard             |                                                                                                                         |

| Sr# | SampleId   | ClientID          | Data File Name | Date-Time         | Comment                | Operator | Status |
|-----|------------|-------------------|----------------|-------------------|------------------------|----------|--------|
| 1   | HEXANE     | HEXANE            | PD087334.D     | 26 Dec 2024 12:03 |                        | AR\AJ    | Ok     |
| 2   | PIBLK080   | PIBLK443          | PD087335.D     | 26 Dec 2024 12:17 |                        | AR\AJ    | Ok     |
| 3   | PEM034     | PEM023            | PD087336.D     | 26 Dec 2024 12:31 |                        | AR\AJ    | Ok,M   |
| 4   | P5193-11   | PEST-GPC2-BLANK   | PD087337.D     | 26 Dec 2024 12:45 |                        | AR\AJ    | Ok     |
| 5   | P5193-12   | PEST-GPC2-BLANK-S | PD087338.D     | 26 Dec 2024 12:59 |                        | AR\AJ    | Ok,M   |
| 6   | P5369-11   | PEST-GPC2-BLANK   | PD087339.D     | 26 Dec 2024 13:15 |                        | AR\AJ    | Ok     |
| 7   | P5369-12   | PEST-GPC2-BLANK-S | PD087340.D     | 26 Dec 2024 13:29 |                        | AR\AJ    | Ok,M   |
| 8   | PB165710BL | PBLK710           | PD087341.D     | 26 Dec 2024 13:55 |                        | AR\AJ    | Ok     |
| 9   | P5267-05   | E28Z7             | PD087342.D     | 26 Dec 2024 14:09 | DCB low in both column | AR\AJ    | Ok,M   |
| 10  | P5267-06   | E28Z8             | PD087343.D     | 26 Dec 2024 14:23 | DCB low in both column | AR\AJ    | Ok,M   |
| 11  | PIBLK081   | PIBLK444          | PD087344.D     | 26 Dec 2024 14:37 |                        | AR\AJ    | Ok     |
| 12  | INDA344    | INDA3193          | PD087345.D     | 26 Dec 2024 14:52 |                        | AR\AJ    | Ok     |
| 13  | INDB344    | INDB3194          | PD087346.D     | 26 Dec 2024 15:07 |                        | AR\AJ    | Ok,M   |
| 14  | PB165830BL | PBLK830           | PD087347.D     | 26 Dec 2024 15:21 |                        | AR\AJ    | Ok     |
| 15  | PB165830BS | PLCS830           | PD087348.D     | 26 Dec 2024 15:35 |                        | AR\AJ    | Ok,M   |
| 16  | P5334-01   | E2904             | PD087349.D     | 26 Dec 2024 15:49 | DCB low in both column | AR\AJ    | Ok,M   |
| 17  | P5334-02   | E2905             | PD087350.D     | 26 Dec 2024 16:04 | DCB low in both column | AR\AJ    | Ok,M   |
| 18  | P5334-03   | E2906             | PD087351.D     | 26 Dec 2024 16:18 | DCB high in 1st column | AR\AJ    | Ok,M   |

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD122624**

| Review By                | Abdul                                                                                                                   | Review On         | 12/27/2024 8:11:36 AM            |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------------|
| Supervise By             | Ankita                                                                                                                  | Supervise On      | 12/27/2024 8:19:24 AM            |
| SubDirectory             | PD122624                                                                                                                | HP Acquire Method | HP Processing Method pd122024clp |
| STD. NAME                | STD REF.#                                                                                                               |                   |                                  |
| Tune/Reschk              | PP23732,PP23975                                                                                                         |                   |                                  |
| Initial Calibration Stds | PP23731,PP23730,PP23729,PP23728,PP23727,PP23718,PP23724,PP23717,PP23723,PP23716,PP23722,PP23715,PP23721,PP23714,PP23720 |                   |                                  |
| CCC                      | PP23716,PP23722,PP23729                                                                                                 |                   |                                  |
| Internal Standard/PEM    |                                                                                                                         |                   |                                  |
| ICV/I.BLK                |                                                                                                                         |                   |                                  |
| Surrogate Standard       |                                                                                                                         |                   |                                  |
| MS/MSD Standard          |                                                                                                                         |                   |                                  |
| LCS Standard             |                                                                                                                         |                   |                                  |

|    |             |          |            |                   |            |       |        |
|----|-------------|----------|------------|-------------------|------------|-------|--------|
| 19 | P5334-04    | E2921    | PD087352.D | 26 Dec 2024 16:32 | carry over | AR\AJ | Not Ok |
| 20 | P5334-05MS  | E2921MS  | PD087353.D | 26 Dec 2024 16:46 |            | AR\AJ | Ok,M   |
| 21 | P5334-06MSD | E2921MSD | PD087354.D | 26 Dec 2024 17:00 |            | AR\AJ | Ok,M   |
| 22 | PIBLK082    | PIBLK445 | PD087355.D | 26 Dec 2024 17:14 |            | AR\AJ | Ok     |
| 23 | PEM035      | PEM024   | PD087356.D | 26 Dec 2024 17:28 |            | AR\AJ | Ok,M   |

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona  
Analyst: jignesh  
Date: 12/23/2024

OVENTEMP IN Celsius(°C): 106  
Time IN: 16:30  
In Date: 12/20/2024  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103  
Time OUT: 08:27  
Out Date: 12/21/2024  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
BalanceID: M SC-4  
Thermometer ID: % SOLID- OVEN

QC:LB134046

| 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    |
|----------|-------------------------------|--------|----------------|--------------|-------------------------|---------------------------|---------|-------------|
| P5318-01 | AU-06-122024                  | 15     | 1.15           | 8.84         | 9.99                    | 8.77                      | 86.2    |             |
| P5319-01 | AUD-1617                      | 16     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | wipe sample |
| P5361-01 | SB-01-20241219-7.0-7.5        | 1      | 1.14           | 8.41         | 9.55                    | 8.85                      | 91.7    |             |
| P5361-02 | SB-01-20241219-9.0-9.5        | 2      | 1.19           | 8.48         | 9.67                    | 8.58                      | 87.1    |             |
| P5362-01 | WC-SOIL-20241219              | 3      | 1.13           | 8.70         | 9.83                    | 9.13                      | 92.0    |             |
| P5365-01 | TAPFTA-SB01I-4.5-121924-00-T1 | 4      | 1.13           | 8.56         | 9.69                    | 8.84                      | 90.1    |             |
| P5369-05 | SVOC-GPC-BLANK                | 5      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |             |
| P5369-06 | PEST-GPC-BLANK                | 6      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |             |
| P5369-07 | PEST-GPC-BLANK-SPIKE          | 7      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |             |
| P5369-08 | PCB-GPC-BLANK                 | 8      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |             |
| P5369-09 | PCB-GPC-BLANK-SPIKE           | 9      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |             |
| P5369-10 | SVOC-GPC2-BLANK               | 10     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |             |
| P5369-11 | PEST-GPC2-BLANK               | 11     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |             |
| P5369-12 | PEST-GPC2-BLANK-SPIKE         | 12     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |             |
| P5369-13 | PCB-GPC2-BLANK                | 13     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |             |
| P5369-14 | PCB-GPC2-BLANK-SPIKE          | 14     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |             |
| P5377-01 | GAS-TRE-1119                  | 17     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | wipe sample |

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

# WORKLIST(Hardcopy Internal Chain)

1734046

WorkList Name : %1-122024

WorkList ID : 186509

Department : Wet-Chemistry

Date : 12-20-2024 08:05:45

| Sample   | Customer Sample             | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|-----------------------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| P5318-01 | AU-06-122024                | Solid  | Percent Solids | Cool 4 deg C | PSEG05   | N31                         | 12/20/2024   | Chemtech -SO |
| P5319-01 | AUD-1617                    | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | N31                         | 12/20/2024   | Chemtech -SO |
| P5361-01 | SB-01-20241219-7.0-7.5      | Solid  | Percent Solids | Cool 4 deg C | PARS02   | N12                         | 12/20/2024   | Chemtech -SO |
| P5361-02 | SB-01-20241219-9.0-9.5      | Solid  | Percent Solids | Cool 4 deg C | PARS02   | N12                         | 12/20/2024   | Chemtech -SO |
| P5362-01 | WC-SOIL-20241219            | Solid  | Percent Solids | Cool 4 deg C | PARS02   | N21                         | 12/19/2024   | Chemtech -SO |
| P5365-01 | TAPFTA-SB01I-4.5-121924-00- | Solid  | Percent Solids | Cool 4 deg C | WEST04   | N21                         | 12/19/2024   | Chemtech -SO |
| P5369-05 | SVOC-GPC-BLANK              | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | N22                         | 12/13/2024   | Chemtech -SO |
| P5369-06 | PEST-GPC-BLANK              | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | N22                         | 12/13/2024   | Chemtech -SO |
| P5369-07 | PEST-GPC-BLANK-SPIKE        | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | N22                         | 12/13/2024   | Chemtech -SO |
| P5369-08 | PCB-GPC-BLANK               | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | N22                         | 12/13/2024   | Chemtech -SO |
| P5369-09 | PCB-GPC-BLANK-SPIKE         | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | N22                         | 12/13/2024   | Chemtech -SO |
| P5369-10 | SVOC-GPC2-BLANK             | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | N22                         | 12/13/2024   | Chemtech -SO |
| P5369-11 | PEST-GPC2-BLANK             | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | N22                         | 12/13/2024   | Chemtech -SO |
| P5369-12 | PEST-GPC2-BLANK-SPIKE       | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | N22                         | 12/13/2024   | Chemtech -SO |
| P5369-13 | PCB-GPC2-BLANK              | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | N22                         | 12/13/2024   | Chemtech -SO |
| P5369-14 | PCB-GPC2-BLANK-SPIKE        | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | N22                         | 12/13/2024   | Chemtech -SO |
| P5377-01 | GAS-TRE-1119                | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | N13                         | 12/20/2024   | Chemtech -SO |

Date/Time 12/20/24 16:15

Raw Sample Received by: JB GOC

Raw Sample Relinquished by: CB GR

Date/Time 12/20/24 17:30

Raw Sample Received by: CB GR

Raw Sample Relinquished by: JB GOC

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

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

**Matrix :** Solid

**Weigh 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 :** 12/23/2024

**Extraction Start Time :** 10:25

**Extraction End Date :** 12/23/2024

**Extraction End Time :** 14:00

**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           | PP24060             |
| N/A            | N/A      | N/A                 | N/A                 |
| N/A            | N/A      | N/A                 | N/A                 |
| N/A            | N/A      | N/A                 | N/A                 |
| N/A            | N/A      | N/A                 | N/A                 |

| Chemical Used      | ML/SAMPLE USED | Lot Number |
|--------------------|----------------|------------|
| MeCl2/Acetone/1:1  | N/A            | EP2560     |
| Baked Na2SO4       | N/A            | EP2571     |
| Methylene Chloride | N/A            | E3845      |
| Hexane             | N/A            | E3847      |
| Florisol           | N/A            | E3806      |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |

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

No Extraction only GPC Check prepared.

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

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

| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|-------------|-----------------------------------------|----------------------|
| 12/23/24    | RP (Ext Lab)                            | RP (Ext Lab)         |
| 14:05       | Preparation Group                       | Analysis Group       |

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

**Concentration Date:** 12/17/2024

| Sample ID | Client Sample ID      | Test          | g / mL | PH  | Surr/Spike By: |            | Final Vol.<br>(mL) | JarID | Comments | Prep<br>Pos |
|-----------|-----------------------|---------------|--------|-----|----------------|------------|--------------------|-------|----------|-------------|
|           |                       |               |        |     | AddedBy        | VerifiedBy |                    |       |          |             |
| P5369-11  | PEST-GPC2-BLANK       | Pesticide-TCL | 10.0   | N/A | RUPESH         | rajesh     | 5                  |       |          |             |
| P5369-12  | PEST-GPC2-BLANK-SPIKE | Pesticide-TCL | 10.0   | N/A | RUPESH         | rajesh     | 5                  |       |          |             |

\* Extracts relinquished on the same date as received.

*[Signature]*  
12/23/24

# WORKLIST(Hardcopy Internal Chain)

Worklist Name : p5369

Worklist ID : 186574

Department : Extraction

Date : 12-23-2024 10:24:28

| Sample   | Customer Sample       | Matrix | Test                   | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method    |
|----------|-----------------------|--------|------------------------|--------------|----------|-----------------------------|--------------|-----------|
| P5369-10 | SVOC-GPC2-BLANK       | Solid  | SVOC-Chemtech Full -25 | Cool 4 deg C | CHEM02   | N22                         | 12/13/2024   | SFAM_SVOC |
| P5369-11 | PEST-GPC2-BLANK       | Solid  | Pesticide-TCL          | Cool 4 deg C | CHEM02   | N22                         | 12/13/2024   | SFAM_PEST |
| P5369-12 | PEST-GPC2-BLANK-SPIKE | Solid  | Pesticide-TCL          | Cool 4 deg C | CHEM02   | N22                         | 12/13/2024   | SFAM_PEST |
| P5369-13 | PCB-GPC2-BLANK        | Solid  | PCB                    | Cool 4 deg C | CHEM02   | N22                         | 12/13/2024   | SFAM_PCB  |
| P5369-14 | PCB-GPC2-BLANK-SPIKE  | Solid  | PCB                    | Cool 4 deg C | CHEM02   | N22                         | 12/13/2024   | SFAM_PCB  |

Date/Time

12/23/24 10:24

Raw Sample Received by:

RS (Sgt 1st Lt)

Raw Sample Relinquished by:

AS (Sgt 1st Lt)

Date/Time

12/23/24

10:40

Raw Sample Received by:

AS (Sgt 1st Lt)

Raw Sample Relinquished by:

AS (Sgt 1st Lt)



# SHIPPING DOCUMENTS

# CHEMTECH

## CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092  
(908) 789-8900 Fax (908) 789-8922  
www.chemtech.net

#1

| CLIENT INFORMATION                                           |                               |               | PROJECT INFORMATION                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |      | BILLING INFORMATION                                                                                                                                               |               |   |   |   |   |   |   |   |   |          |
|--------------------------------------------------------------|-------------------------------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---|---|---|---|---|---|---|---|----------|
| Report to be sent to:                                        |                               |               | PROJECT NAME: <u>Weekly Storage Blanks</u>                                                                                                                                                                                                                                                                                                                                                                                                        |                   |      | Chemtech Project Number: <u>P5369</u>                                                                                                                             |               |   |   |   |   |   |   |   |   |          |
| COMPANY: <u>Chemtech</u>                                     |                               |               | PROJECT #: _____                                                                                                                                                                                                                                                                                                                                                                                                                                  |                   |      | COC Number: _____                                                                                                                                                 |               |   |   |   |   |   |   |   |   |          |
| ADDRESS: <u>284 Sheffield Street</u>                         |                               |               | LOCATION: <u>NJ</u>                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |      | BILL TO: <u>Same</u> PO# _____                                                                                                                                    |               |   |   |   |   |   |   |   |   |          |
| CITY: <u>Mountainside</u> STATE: <u>NJ</u> ZIP: <u>08816</u> |                               |               | PROJECT MANAGER: _____                                                                                                                                                                                                                                                                                                                                                                                                                            |                   |      | ADDRESS: _____                                                                                                                                                    |               |   |   |   |   |   |   |   |   |          |
| ATTENTION: <u>QA Officer</u>                                 |                               |               | E-MAIL: _____                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |      | CITY: _____ STATE: _____ ZIP: _____                                                                                                                               |               |   |   |   |   |   |   |   |   |          |
| PHONE: <u>(908) 789-8900</u> FAX: <u>(908) 789-8922</u>      |                               |               | PHONE: _____ FAX: _____                                                                                                                                                                                                                                                                                                                                                                                                                           |                   |      | ATTENTION: _____                                                                                                                                                  |               |   |   |   |   |   |   |   |   |          |
| DATA TURNAROUND INFORMATION                                  |                               |               | DATA DELIVERABLE INFORMATION                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |      | ANALYSIS                                                                                                                                                          |               |   |   |   |   |   |   |   |   |          |
| FAX (RUSH) _____ DAYS*                                       |                               |               | <input type="checkbox"/> Level 1 (Results Only) <input type="checkbox"/> Level 4 (QC + Full Raw Data)<br><input type="checkbox"/> Level 2 (Results + QC) <input type="checkbox"/> NJ Reduced <input type="checkbox"/> US EPA CLP<br><input type="checkbox"/> Level 3 (Results + QC + Raw Data) <input type="checkbox"/> NYS ASP A <input type="checkbox"/> NYS ASP B<br><input type="checkbox"/> EDO FORMAT <input type="checkbox"/> Other: _____ |                   |      | 1 VOC-B in Wt %<br>2 SVOC-B in Wt %<br>3 PCBs in Wt %<br>4 PCBs in Wt %<br>5 PCBs in Wt %<br>6 PCBs in Wt %<br>7 PCBs in Wt %<br>8 PCBs in Wt %<br>9 PCBs in Wt % |               |   |   |   |   |   |   |   |   |          |
| HARDCOPY (DATA PACKAGE): _____ DAYS*                         |                               |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                   |      |                                                                                                                                                                   |               |   |   |   |   |   |   |   |   |          |
| EDD: _____ DAYS*                                             |                               |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                   |      |                                                                                                                                                                   |               |   |   |   |   |   |   |   |   |          |
| TO BE APPROVED BY CHEMTECH                                   |                               |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                   |      |                                                                                                                                                                   |               |   |   |   |   |   |   |   |   |          |
| STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS        |                               |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                   |      |                                                                                                                                                                   |               |   |   |   |   |   |   |   |   |          |
| CHEMTECH SAMPLE ID                                           | PROJECT SAMPLE IDENTIFICATION | SAMPLE MATRIX | SAMPLE TYPE                                                                                                                                                                                                                                                                                                                                                                                                                                       | SAMPLE COLLECTION | DATE | TIME                                                                                                                                                              | PRESERVATIVES |   |   |   |   |   |   |   |   | COMMENTS |
|                                                              |                               |               | COUP                                                                                                                                                                                                                                                                                                                                                                                                                                              | GRAS              |      |                                                                                                                                                                   | 1             | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |          |
| 1. Storage-Blank-SOTL-REF-6                                  |                               | AQ            |                                                                                                                                                                                                                                                                                                                                                                                                                                                   | X                 |      |                                                                                                                                                                   | 2             | X |   |   |   |   |   |   |   |          |
| 2. Storage-Blank-WATER-REF-5                                 |                               | AQ            |                                                                                                                                                                                                                                                                                                                                                                                                                                                   | X                 |      |                                                                                                                                                                   | 2             | X |   |   |   |   |   |   |   |          |
| 3. Storage-Blank-WATER-REF-4                                 |                               | AQ            |                                                                                                                                                                                                                                                                                                                                                                                                                                                   | X                 |      |                                                                                                                                                                   | 2             | X |   |   |   |   |   |   |   |          |
| 4. Storage-Blank-SAMPLE-MANAGEMENT                           |                               | AQ            |                                                                                                                                                                                                                                                                                                                                                                                                                                                   | X                 |      |                                                                                                                                                                   | 2             | X |   |   |   |   |   |   |   |          |
| 5. SVOC-GPC-BLANK                                            |                               | SO            |                                                                                                                                                                                                                                                                                                                                                                                                                                                   | X                 |      |                                                                                                                                                                   | 2             | X |   |   |   |   |   |   |   |          |
| 6. PEST-GPC-BLANK                                            |                               | SO            |                                                                                                                                                                                                                                                                                                                                                                                                                                                   | X                 |      |                                                                                                                                                                   | 1             |   | X |   |   |   |   |   |   |          |
| 7. PEST-GPC-BLANK-SPIKE                                      |                               | SO            |                                                                                                                                                                                                                                                                                                                                                                                                                                                   | X                 |      |                                                                                                                                                                   | 1             |   |   | X |   |   |   |   |   |          |
| 8. PCB-GPC-BLANK                                             |                               | SO            |                                                                                                                                                                                                                                                                                                                                                                                                                                                   | X                 |      |                                                                                                                                                                   | 1             |   |   | X |   |   |   |   |   |          |
| 9. PCB-GPC-BLANK-SPIKE                                       |                               | SO            |                                                                                                                                                                                                                                                                                                                                                                                                                                                   | X                 |      |                                                                                                                                                                   | 1             |   |   |   | X |   |   |   |   |          |
| 10. SVOC-GPC2-BLANK                                          |                               | SO            |                                                                                                                                                                                                                                                                                                                                                                                                                                                   | X                 |      |                                                                                                                                                                   | 1             |   |   |   | X |   |   |   |   |          |
|                                                              |                               | SO            |                                                                                                                                                                                                                                                                                                                                                                                                                                                   | X                 |      |                                                                                                                                                                   | 1             |   | X |   |   |   |   |   |   |          |

10/2018

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT

YELLOW - CHEMTECH COPY

PINK - SAMPLER COPY

Shipment Complete  
YES NO

# CHEMTECH

## CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092  
(908) 789-8900 Fax (908) 789-8922  
www.chemtech.net

#2

Chemtech Project Number

COC Number

P5369

### CLIENT INFORMATION

Report to be sent to:  
COMPANY: CHEMTECH  
ADDRESS: 284 Sheffield Street  
CITY: Mountainside STATE: NJ ZIP: 07092  
ATTENTION: QA Officer  
PHONE: 908-789-8900 FAX: 908-789-8922

### PROJECT INFORMATION

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

### BILLING INFORMATION

BILL TO: SAME  
ADDRESS: PO:  
CITY: STATE: ZIP:  
ATTENTION: PHONE:

### DATA TURNAROUND INFORMATION

FAT (FISH) HARD COPY (DATA PACKAGE): 25 DAYS  
EED: DAYS  
TO BE APPROVED BY CHEMTECH  
STANDARD HARD COPY TURNAROUND TIME IS 10 BUSINESS DAYS

### DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only)  
☐ Level 2 (Results + QC)  
☐ Level 3 (Results + QC + Raw Data)  
☐ EDD FORMAT  
☐ Level 4 (QC + Full Flow Data)  
☐ NJ Packaged ☐ US EPA CLP  
☐ NYS ASPA ☐ NYS ASP-8  
☐ Other:

### ANALYSIS

1. PCB-Dioxins  
2. PCB-PCDD/Fs  
3. PCB-PCB  
4. PCB-PCB  
5. PCB-PCB  
6. PCB-PCB  
7. PCB-PCB  
8. PCB-PCB  
9. PCB-PCB

### PRESERVATIVES

### COMMENTS

Specify Preservatives  
A-HCI D-HCl  
B-HNO3 E-HCl  
C-H2SO4 F-Other

| CHEMTECH SAMPLE ID | PROJECT SAMPLE IDENTIFICATION | SAMPLE MATRIX | SAMPLE TYPE | SAMPLE COLLECTION DATE | SAMPLE COLLECTION TIME |
|--------------------|-------------------------------|---------------|-------------|------------------------|------------------------|
| 1.                 | PEST-GR2-BLANK                | SO            |             |                        |                        |
| 2.                 | PEST-GR2-BLANK-SPIKE          | SO            | X           |                        |                        |
| 3.                 | PCB-GR2-BLANK                 | SO            | X           |                        |                        |
| 4.                 | PCB-GR2-BLANK-SPIKE           | SO            | X           |                        |                        |
| 5.                 |                               | SO            | X           |                        |                        |
| 6.                 |                               | SO            | X           |                        |                        |
| 7.                 |                               |               |             |                        |                        |
| 8.                 |                               |               |             |                        |                        |
| 9.                 |                               |               |             |                        |                        |
| 10.                |                               |               |             |                        |                        |

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

|                         |            |                     |
|-------------------------|------------|---------------------|
| RELINQUISHED BY SAMPLER | DATE/TIME  | RECEIVED BY         |
| 1. [Signature]          | 12/26/2011 | 1.                  |
| RELINQUISHED BY         | DATE/TIME  | RECEIVED BY         |
| 2.                      |            | 2.                  |
| RELINQUISHED BY         | DATE/TIME  | RECEIVED FOR LAB BY |
| 3.                      |            | 3.                  |

Condition of bottles at delivery: ☒ 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



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

### Laboratory Certification

| Certified By         | License No.      |
|----------------------|------------------|
|                      |                  |
| CAS EPA CLP Contract | 68HERH20D0011    |
|                      |                  |
| Connecticut          | PH-0830          |
|                      |                  |
| DOD ELAP (ANAB)      | L2219            |
|                      |                  |
| Maine                | 2024021          |
|                      |                  |
| Maryland             | 296              |
|                      |                  |
| New Hampshire        | 255424 Rev 1     |
|                      |                  |
| New Jersey           | 20012            |
|                      |                  |
| New York             | 11376            |
|                      |                  |
| Pennsylvania         | 68-00548         |
|                      |                  |
| Soil Permit          | 525-24-234-08441 |
|                      |                  |
| Texas                | T104704488       |