



# SAMPLE DATA

## Report of Analysis

|                    |                                     |                 |              |
|--------------------|-------------------------------------|-----------------|--------------|
| Client:            | Union Paving & Construction Company | Date Collected: | 10/31/24     |
| Project:           | Rt. 10 Whippany                     | Date Received:  | 10/31/24     |
| Client Sample ID:  | TENNANT-PAD-2-3-STOCKPILE           | SDG No.:        | P4663        |
| Lab Sample ID:     | P4663-02                            | Matrix:         | Solid        |
| Analytical Method: | NJEPH                               | % Solid:        | 90.9         |
| Sample Wt/Vol:     | 30.01      Units: g                 | Final Vol:      | 2000      uL |
| Soil Aliquot Vol:  | uL                                  | Test:           | EPH_NF       |
| Prep Method :      |                                     |                 |              |

|                |                 |               |
|----------------|-----------------|---------------|
| Prep Date :    | Date Analyzed : | Prep Batch ID |
| 11/01/24 08:50 | 11/02/24 2:37   | PB164589      |

Datafile

| CAS Number         | Parameter          | Conc. | Qualifier | Dilution | MDL  | LOQ / CRQL | Units(Dry Weight) |            |
|--------------------|--------------------|-------|-----------|----------|------|------------|-------------------|------------|
| <b>TARGETS</b>     |                    |       |           |          |      |            |                   |            |
| Aliphatic C28-C40  | Aliphatic C28-C40  | 33.0  |           | 1        | 1.98 | 2.20       | mg/kg             | FE050985.D |
| Aliphatic C9-C28   | Aliphatic C9-C28   | 2.48  | J         | 1        | 1.89 | 4.40       | mg/kg             | FE050985.D |
| Total AliphaticEPH | Total AliphaticEPH | 35.5  |           |          | 3.87 | 6.60       | mg/kg             |            |
| Total EPH          | Total EPH          | 35.5  |           |          | 3.87 | 6.60       | mg/kg             |            |

\* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control 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

## Report of Analysis

|                    |                                     |                 |                              |
|--------------------|-------------------------------------|-----------------|------------------------------|
| Client:            | Union Paving & Construction Company | Date Collected: | 10/31/24                     |
| Project:           | Rt. 10 Whippany                     | Date Received:  | 10/31/24                     |
| Client Sample ID:  | TENNANT-PAD-2-3-STOCKPILE           | SDG No.:        | P4663                        |
| Lab Sample ID:     | P4663-02                            | Matrix:         | Solid                        |
| Analytical Method: | NJEPH                               | % Solid:        | 90.9                         |
| Sample Wt/Vol:     | 30.01      Units:    g              | Final Vol:      | 2000                      uL |
| Soil Aliquot Vol:  | uL                                  | Test:           | EPH_NF                       |
| Prep Method :      |                                     |                 |                              |

|            |           |             |                 |               |
|------------|-----------|-------------|-----------------|---------------|
| File ID :  | Dilution: | Prep Date : | Date Analyzed : | Prep Batch ID |
| FE050985.D | 1         | 11/01/24    | 11/02/24        | PB164589      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aliphatic C9-C28  | Aliphatic C9-C28          | 2.48  | J         | 1.89     | 4.40       | mg/kg   |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 33.0  |           | 1.98     | 2.20       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 30.0  |           | 40 - 140 | 60%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 29.6  |           | 40 - 140 | 59%        | SPK: 50 |



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

Quantitation Report For Aliphatic EPH Range.

|                   |                      |                    |                   |
|-------------------|----------------------|--------------------|-------------------|
| Lab Sample ID:    | P4663-02             | Acq On:            | 02 Nov 2024 02:37 |
| Client Sample ID: | TENNANT-PAD-2-3-STOC | Operator:          | YP\AJ             |
| Data file:        | FE050985.D           | Misc:              |                   |
| Instrument:       | FID_E                | ALS Vial:          | 29                |
| Dilution Factor:  | 1                    | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response | Conc    | highest_standard | Units |
|---------------------------|--------|--------|----------|---------|------------------|-------|
| Aliphatic EPH             | 3.143  | 22.051 | 67407254 | 486.12  |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 11.852 | 11.852 | 4661640  | 29.57   |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 13.285 | 13.285 | 3550395  | 30.01   |                  | ug/ml |
| Aliphatic C9-C12          | 3.143  | 6.761  | 239825   | 1.678   | 300              | ug/ml |
| Aliphatic C12-C16         | 6.762  | 10.193 | 731082   | 5.038   | 200              | ug/ml |
| Aliphatic C16-C21         | 10.194 | 13.552 | 1443120  | 9.994   | 300              | ug/ml |
| Aliphatic C21-C28         | 13.553 | 17.208 | 2666683  | 18.759  | 400              | ug/ml |
| Aliphatic C28-C40         | 17.209 | 22.051 | 62326544 | 450.651 | 600              | ug/ml |
| Aliphatic C9-C28          | 3.143  | 17.208 | 5080710  | 35.469  | 1200             | ug/ml |

## Report of Analysis

|                    |                                     |                 |                              |
|--------------------|-------------------------------------|-----------------|------------------------------|
| Client:            | Union Paving & Construction Company | Date Collected: | 10/31/24                     |
| Project:           | Rt. 10 Whippany                     | Date Received:  | 10/31/24                     |
| Client Sample ID:  | RES-BUILDING-PAD-NO-11              | SDG No.:        | P4663                        |
| Lab Sample ID:     | P4663-04                            | Matrix:         | Solid                        |
| Analytical Method: | NJEPH                               | % Solid:        | 91.7                         |
| Sample Wt/Vol:     | 30.08      Units:    g              | Final Vol:      | 2000                      uL |
| Soil Aliquot Vol:  | uL                                  | Test:           | EPH_NF                       |
| Prep Method :      |                                     |                 |                              |

|                |                 |               |
|----------------|-----------------|---------------|
| Prep Date :    | Date Analyzed : | Prep Batch ID |
| 11/01/24 08:50 | 11/02/24 3:07   | PB164589      |

Datafile

| CAS Number         | Parameter          | Conc. | Qualifier | Dilution | MDL  | LOQ / CRQL | Units(Dry Weight) |            |
|--------------------|--------------------|-------|-----------|----------|------|------------|-------------------|------------|
| <b>TARGETS</b>     |                    |       |           |          |      |            |                   |            |
| Aliphatic C28-C40  | Aliphatic C28-C40  | 21.2  |           | 1        | 1.96 | 2.18       | mg/kg             | FE050986.D |
| Aliphatic C9-C28   | Aliphatic C9-C28   | 2.22  | J         | 1        | 1.87 | 4.36       | mg/kg             | FE050986.D |
| Total AliphaticEPH | Total AliphaticEPH | 23.4  |           |          | 3.83 | 6.54       | mg/kg             |            |
| Total EPH          | Total EPH          | 23.4  |           |          | 3.83 | 6.54       | mg/kg             |            |

\* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control 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

## Report of Analysis

|                    |                                     |                 |                      |
|--------------------|-------------------------------------|-----------------|----------------------|
| Client:            | Union Paving & Construction Company | Date Collected: | 10/31/24             |
| Project:           | Rt. 10 Whippany                     | Date Received:  | 10/31/24             |
| Client Sample ID:  | RES-BUILDING-PAD-NO-11              | SDG No.:        | P4663                |
| Lab Sample ID:     | P4663-04                            | Matrix:         | Solid                |
| Analytical Method: | NJEPH                               | % Solid:        | 91.7                 |
| Sample Wt/Vol:     | 30.08      Units:    g              | Final Vol:      | 2000              uL |
| Soil Aliquot Vol:  | uL                                  | Test:           | EPH_NF               |
| Prep Method :      |                                     |                 |                      |

|            |           |             |                 |               |
|------------|-----------|-------------|-----------------|---------------|
| File ID :  | Dilution: | Prep Date : | Date Analyzed : | Prep Batch ID |
| FE050986.D | 1         | 11/01/24    | 11/02/24        | PB164589      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aliphatic C9-C28  | Aliphatic C9-C28          | 2.22  | J         | 1.87     | 4.36       | mg/kg   |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 21.2  |           | 1.96     | 2.18       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 38.3  |           | 40 - 140 | 77%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 38.1  |           | 40 - 140 | 76%        | SPK: 50 |



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

Quantitation Report For Aliphatic EPH Range.

|                   |                      |                    |                   |
|-------------------|----------------------|--------------------|-------------------|
| Lab Sample ID:    | P4663-04             | Acq On:            | 02 Nov 2024 03:07 |
| Client Sample ID: | RES-BUILDING-PAD-NO. | Operator:          | YP\AJ             |
| Data file:        | FE050986.D           | Misc:              |                   |
| Instrument:       | FID_E                | ALS Vial:          | 30                |
| Dilution Factor:  | 1                    | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response | Conc    | highest_standard | Units |
|---------------------------|--------|--------|----------|---------|------------------|-------|
| Aliphatic EPH             | 3.143  | 22.051 | 45039307 | 324.459 |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 11.853 | 11.853 | 6005696  | 38.09   |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 13.286 | 13.286 | 4532325  | 38.31   |                  | ug/ml |
| Aliphatic C9-C12          | 3.143  | 6.761  | 272870   | 1.91    | 300              | ug/ml |
| Aliphatic C12-C16         | 6.762  | 10.193 | 853141   | 5.879   | 200              | ug/ml |
| Aliphatic C16-C21         | 10.194 | 13.552 | 1398902  | 9.688   | 300              | ug/ml |
| Aliphatic C21-C28         | 13.553 | 17.208 | 2128238  | 14.971  | 400              | ug/ml |
| Aliphatic C28-C40         | 17.209 | 22.051 | 40386156 | 292.012 | 600              | ug/ml |
| Aliphatic C9-C28          | 3.143  | 17.208 | 4653151  | 32.448  | 1200             | ug/ml |

## Report of Analysis

|                    |                                     |                 |                              |
|--------------------|-------------------------------------|-----------------|------------------------------|
| Client:            | Union Paving & Construction Company | Date Collected: | 10/31/24                     |
| Project:           | Rt. 10 Whippany                     | Date Received:  | 10/31/24                     |
| Client Sample ID:  | RES-BUILDING-PAD-NO-3               | SDG No.:        | P4663                        |
| Lab Sample ID:     | P4663-06                            | Matrix:         | Solid                        |
| Analytical Method: | NJEPH                               | % Solid:        | 91.2                         |
| Sample Wt/Vol:     | 30.04      Units:    g              | Final Vol:      | 2000                      uL |
| Soil Aliquot Vol:  | uL                                  | Test:           | EPH_NF                       |
| Prep Method :      |                                     |                 |                              |

|                |                 |               |
|----------------|-----------------|---------------|
| Prep Date :    | Date Analyzed : | Prep Batch ID |
| 11/01/24 08:50 | 11/05/24 10:42  | PB164589      |

Datafile

| CAS Number         | Parameter          | Conc. | Qualifier | Dilution | MDL  | LOQ / CRQL | Units(Dry Weight) |            |
|--------------------|--------------------|-------|-----------|----------|------|------------|-------------------|------------|
| <b>TARGETS</b>     |                    |       |           |          |      |            |                   |            |
| Aliphatic C28-C40  | Aliphatic C28-C40  | 80.2  |           | 2        | 3.94 | 4.38       | mg/kg             | FE051024.D |
| Aliphatic C9-C28   | Aliphatic C9-C28   | 5.86  |           | 1        | 1.88 | 4.39       | mg/kg             | FE050987.D |
| Total AliphaticEPH | Total AliphaticEPH | 86.1  |           |          | 5.82 | 8.77       | mg/kg             |            |
| Total EPH          | Total EPH          | 86.1  |           |          | 5.82 | 8.77       | mg/kg             |            |

\* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control 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

## Report of Analysis

|                    |                                     |                 |                      |
|--------------------|-------------------------------------|-----------------|----------------------|
| Client:            | Union Paving & Construction Company | Date Collected: | 10/31/24             |
| Project:           | Rt. 10 Whippany                     | Date Received:  | 10/31/24             |
| Client Sample ID:  | RES-BUILDING-PAD-NO-3               | SDG No.:        | P4663                |
| Lab Sample ID:     | P4663-06                            | Matrix:         | Solid                |
| Analytical Method: | NJEPH                               | % Solid:        | 91.2                 |
| Sample Wt/Vol:     | 30.04      Units:    g              | Final Vol:      | 2000              uL |
| Soil Aliquot Vol:  | uL                                  | Test:           | EPH_NF               |
| Prep Method :      |                                     |                 |                      |

|            |           |             |                 |               |
|------------|-----------|-------------|-----------------|---------------|
| File ID :  | Dilution: | Prep Date : | Date Analyzed : | Prep Batch ID |
| FE050987.D | 1         | 11/01/24    | 11/02/24        | PB164589      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aliphatic C9-C28  | Aliphatic C9-C28          | 5.86  |           | 1.88     | 4.39       | mg/kg   |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 72.8  | E         | 1.97     | 2.19       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 44.8  |           | 40 - 140 | 90%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 44.5  |           | 40 - 140 | 89%        | SPK: 50 |



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

Quantitation Report For Aliphatic EPH Range.

|                   |                      |                    |                   |
|-------------------|----------------------|--------------------|-------------------|
| Lab Sample ID:    | P4663-06             | Acq On:            | 02 Nov 2024 03:37 |
| Client Sample ID: | RES-BUILDING-PAD-NO. | Operator:          | YP\AJ             |
| Data file:        | FE050987.D           | Misc:              |                   |
| Instrument:       | FID_E                | ALS Vial:          | 31                |
| Dilution Factor:  | 1                    | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response  | Conc    | highest_standard | Units |
|---------------------------|--------|--------|-----------|---------|------------------|-------|
| Aliphatic EPH             | 3.143  | 22.051 | 149756742 | 1080    |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 11.854 | 11.854 | 7023173   | 44.55   |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 13.286 | 13.286 | 5294133   | 44.75   |                  | ug/ml |
| Aliphatic C9-C12          | 3.143  | 6.761  | 261751    | 1.832   | 300              | ug/ml |
| Aliphatic C12-C16         | 6.762  | 10.193 | 937364    | 6.459   | 200              | ug/ml |
| Aliphatic C16-C21         | 10.194 | 13.552 | 6679754   | 46.258  | 300              | ug/ml |
| Aliphatic C21-C28         | 13.553 | 17.208 | 3913685   | 27.531  | 400              | ug/ml |
| Aliphatic C28-C40         | 17.209 | 22.051 | 137964188 | 997.548 | 600              | ug/ml |
| Aliphatic C9-C28          | 3.143  | 17.208 | 11792554  | 82.08   | 1200             | ug/ml |

## Report of Analysis

|                    |                                     |                 |                              |
|--------------------|-------------------------------------|-----------------|------------------------------|
| Client:            | Union Paving & Construction Company | Date Collected: | 10/31/24                     |
| Project:           | Rt. 10 Whippany                     | Date Received:  | 10/31/24                     |
| Client Sample ID:  | RES-BUILDING-PAD-NO-3DL             | SDG No.:        | P4663                        |
| Lab Sample ID:     | P4663-06DL                          | Matrix:         | Solid                        |
| Analytical Method: | NJEPH                               | % Solid:        | 91.2                         |
| Sample Wt/Vol:     | 30.04      Units:    g              | Final Vol:      | 2000                      uL |
| Soil Aliquot Vol:  | uL                                  | Test:           | EPH_NF                       |
| Prep Method :      |                                     |                 |                              |

|            |           |             |                 |               |
|------------|-----------|-------------|-----------------|---------------|
| File ID :  | Dilution: | Prep Date : | Date Analyzed : | Prep Batch ID |
| FE051024.D | 2         | 11/01/24    | 11/05/24        | PB164589      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aliphatic C9-C28  | Aliphatic C9-C28          | 3.77  | U         | 3.77     | 8.76       | mg/kg   |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 80.2  |           | 3.94     | 4.38       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 17.0  |           | 40 - 140 | 68%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 17.6  |           | 40 - 140 | 70%        | SPK: 50 |



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

Quantitation Report For Aliphatic EPH Range.

|                   |                         |                    |                   |
|-------------------|-------------------------|--------------------|-------------------|
| Lab Sample ID:    | P4663-06DL              | Acq On:            | 05 Nov 2024 10:42 |
| Client Sample ID: | RES-BUILDING-PAD-NO-3DL | Operator:          | YP\AJ             |
| Data file:        | FE051024.D              | Misc:              |                   |
| Instrument:       | FID_E                   | ALS Vial:          | 3                 |
| Dilution Factor:  | 2                       | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response | Conc    | highest_standard | Units |
|---------------------------|--------|--------|----------|---------|------------------|-------|
| Aliphatic C9-C12          | 3.140  | 6.760  | 179748   | 1.258   | 300              | ug/ml |
| Aliphatic C12-C16         | 6.761  | 10.191 | 517008   | 3.563   | 200              | ug/ml |
| Aliphatic C16-C21         | 10.192 | 13.549 | 633324   | 4.386   | 300              | ug/ml |
| Aliphatic C21-C28         | 13.550 | 17.205 | 1394276  | 9.808   | 400              | ug/ml |
| Aliphatic C28-C40         | 17.206 | 22.048 | 75969861 | 549.299 | 600              | ug/ml |
| Aliphatic EPH             | 3.140  | 22.048 | 78694217 | 568.314 |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 11.851 | 11.851 | 2766843  | 17.55   |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 13.285 | 13.285 | 2006137  | 16.96   |                  | ug/ml |
| Aliphatic C9-C28          | 3.140  | 17.205 | 2724356  | 19.015  | 1200             | ug/ml |

## Report of Analysis

|                    |                                     |                 |                              |
|--------------------|-------------------------------------|-----------------|------------------------------|
| Client:            | Union Paving & Construction Company | Date Collected: | 10/31/24                     |
| Project:           | Rt. 10 Whippany                     | Date Received:  | 10/31/24                     |
| Client Sample ID:  | RES-BUILDING-PAD-NO-2               | SDG No.:        | P4663                        |
| Lab Sample ID:     | P4663-08                            | Matrix:         | Solid                        |
| Analytical Method: | NJEPH                               | % Solid:        | 91.3                         |
| Sample Wt/Vol:     | 30.09      Units:    g              | Final Vol:      | 2000                      uL |
| Soil Aliquot Vol:  | uL                                  | Test:           | EPH_NF                       |
| Prep Method :      |                                     |                 |                              |

|                |                 |               |
|----------------|-----------------|---------------|
| Prep Date :    | Date Analyzed : | Prep Batch ID |
| 11/01/24 08:50 | 11/02/24 4:08   | PB164589      |

Datafile

| CAS Number         | Parameter          | Conc. | Qualifier | Dilution | MDL  | LOQ / CRQL | Units(Dry Weight) |            |
|--------------------|--------------------|-------|-----------|----------|------|------------|-------------------|------------|
| <b>TARGETS</b>     |                    |       |           |          |      |            |                   |            |
| Aliphatic C28-C40  | Aliphatic C28-C40  | 14.1  |           | 1        | 1.97 | 2.18       | mg/kg             | FE050988.D |
| Aliphatic C9-C28   | Aliphatic C9-C28   | 1.88  | U         | 1        | 1.88 | 4.37       | mg/kg             | FE050988.D |
| Total AliphaticEPH | Total AliphaticEPH | 14.1  |           |          | 3.85 | 6.55       | mg/kg             |            |
| Total EPH          | Total EPH          | 14.1  |           |          | 3.85 | 6.55       | mg/kg             |            |

\* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control 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

## Report of Analysis

|                    |                                     |                 |                      |
|--------------------|-------------------------------------|-----------------|----------------------|
| Client:            | Union Paving & Construction Company | Date Collected: | 10/31/24             |
| Project:           | Rt. 10 Whippany                     | Date Received:  | 10/31/24             |
| Client Sample ID:  | RES-BUILDING-PAD-NO-2               | SDG No.:        | P4663                |
| Lab Sample ID:     | P4663-08                            | Matrix:         | Solid                |
| Analytical Method: | NJEPH                               | % Solid:        | 91.3                 |
| Sample Wt/Vol:     | 30.09      Units:    g              | Final Vol:      | 2000              uL |
| Soil Aliquot Vol:  | uL                                  | Test:           | EPH_NF               |
| Prep Method :      |                                     |                 |                      |

|            |           |             |                 |               |
|------------|-----------|-------------|-----------------|---------------|
| File ID :  | Dilution: | Prep Date : | Date Analyzed : | Prep Batch ID |
| FE050988.D | 1         | 11/01/24    | 11/02/24        | PB164589      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aliphatic C9-C28  | Aliphatic C9-C28          | 1.88  | U         | 1.88     | 4.37       | mg/kg   |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 14.1  |           | 1.97     | 2.18       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 26.6  |           | 40 - 140 | 53%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 26.4  |           | 40 - 140 | 53%        | SPK: 50 |



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

Quantitation Report For Aliphatic EPH Range.

|                   |                      |                    |                   |
|-------------------|----------------------|--------------------|-------------------|
| Lab Sample ID:    | P4663-08             | Acq On:            | 02 Nov 2024 04:08 |
| Client Sample ID: | RES-BUILDING-PAD-NO. | Operator:          | YP\AJ             |
| Data file:        | FE050988.D           | Misc:              |                   |
| Instrument:       | FID_E                | ALS Vial:          | 32                |
| Dilution Factor:  | 1                    | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response | Conc    | highest_standard | Units |
|---------------------------|--------|--------|----------|---------|------------------|-------|
| Aliphatic EPH             | 3.143  | 22.051 | 30211750 | 217.573 |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 11.852 | 11.852 | 4154624  | 26.35   |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 13.285 | 13.285 | 3149331  | 26.62   |                  | ug/ml |
| Aliphatic C9-C12          | 3.143  | 6.761  | 235582   | 1.649   | 300              | ug/ml |
| Aliphatic C12-C16         | 6.762  | 10.193 | 803807   | 5.539   | 200              | ug/ml |
| Aliphatic C16-C21         | 10.194 | 13.552 | 867271   | 6.006   | 300              | ug/ml |
| Aliphatic C21-C28         | 13.553 | 17.208 | 1428789  | 10.051  | 400              | ug/ml |
| Aliphatic C28-C40         | 17.209 | 22.051 | 26876301 | 194.329 | 600              | ug/ml |
| Aliphatic C9-C28          | 3.143  | 17.208 | 3335449  | 23.245  | 1200             | ug/ml |



# QC SUMMARY

SOIL EPH SURROGATE RECOVERY

Lab Name: CHEMTECH Contract: UNIO02  
Lab Code: CHEM CASE No.: P4663 SAS No.: P4663 SDG No.: P4663  
Run Number: FE110124AL

| Client<br>SAMPLE NO.     | 1-chlorooctadecane (SURR) | ortho-Terphenyl (SURR) |  | TOT<br>OUT |
|--------------------------|---------------------------|------------------------|--|------------|
| BP-F8MS                  | 85                        | 81                     |  | 0          |
| BP-F8MSD                 | 86                        | 82                     |  | 0          |
| TENNANT-PAD-2-3-STOCKPIL | 60                        | 59                     |  | 0          |
| RES-BUILDING-PAD-NO-11   | 77                        | 76                     |  | 0          |
| RES-BUILDING-PAD-NO-3    | 90                        | 89                     |  | 0          |
| RES-BUILDING-PAD-NO-2    | 53                        | 53                     |  | 0          |
| PB164589BL               | 75                        | 73                     |  | 0          |
| PB164589BS               | 91                        | 84                     |  | 0          |
| PB164589BSD              | 82                        | 77                     |  | 0          |

QC LIMITS

1-chlorooctadecane (SURR) (40-140)  
ortho-Terphenyl (SURR) (40-140)

# Column to be used to flag recovery values  
\* Values outside of contract required QC Limits  
D Surrogate diluted out

SOIL EPH SURROGATE RECOVERY

Lab Name: CHEMTECH Contract: UNIO02  
Lab Code: CHEM CASE No.: P4663 SAS No.: P4663 SDG No.: P4663  
Run Number: FE110524AL

| Client<br>SAMPLE NO.    | 1-chlorooctadecane (SURR) | ortho-Terphenyl (SURR) | TOT<br>OUT |
|-------------------------|---------------------------|------------------------|------------|
| RES-BUILDING-PAD-NO-3DL | 68                        | 70                     | 0          |

QC LIMITS

1-chlorooctadecane (SURR) (40-140)  
ortho-Terphenyl (SURR) (40-140)

# Column to be used to flag recovery values  
\* Values outside of contract required QC Limits  
D Surrogate diluted out

A  
B  
C  
D  
E  
F  
G  
H  
I  
J



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

SOIL EPH SURROGATE RECOVERY

- A
- B
- C
- D
- E
- F
- G
- H
- I
- J

QC LIMITS

|                           |          |
|---------------------------|----------|
| 1-chlorooctadecane (SURR) | (40-140) |
| ortho-Terphenyl (SURR)    | (40-140) |

# Column to be used to flag recovery values  
\* Values outside of contract required QC Limits  
D Surrogate diluted out

**SOLID EPH\_NF MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY**

**Lab Name:** Chemtech **Client:** Union Paving & Construction Company  
**Lab Code:** CHEM **Cas No:** P4663 **SAS No :** P4663 **SDG No:** P4663  
**Sample No :** P4643-05MS **Datafile:** FE050974.D  
**Client ID :** BP-F8MS

| COMPOUND          | SPIKE<br>ADDED<br>mg/kg | SAMPLE<br>CONCENTRATION<br>mg/kg | MS/MSD<br>CONCENTRATION<br>mg/kg | % REC | Qual | QC LIMITS |
|-------------------|-------------------------|----------------------------------|----------------------------------|-------|------|-----------|
| Aliphatic C28-C40 | 36.1                    | 4.76                             | 31.6                             | 74    |      | (40-140)  |
| Aliphatic C9-C28  | 120.4                   | 0                                | 97.8                             | 81    |      | (40-140)  |

A  
B  
C  
D  
E  
F  
G  
H  
I  
J

**SOLID EPH\_NF MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY**

**Lab Name:** Chemtech **Client:** Union Paving & Construction Company  
**Lab Code:** CHEM **Cas No:** P4663 **SAS No :** P4663 **SDG No:** P4663  
**Sample No :** P4643-05MSD **Datafile:** FE050975.D  
**Client ID :** BP-F8MSD

| COMPOUND          | SPIKE<br>ADDED<br>mg/kg | SAMPLE<br>CONCENTRATION<br>mg/kg | MS/MSD<br>CONCENTRATION<br>mg/kg | % REC | Qual | RPD   QC LIMITS | QC Limit Of<br>RPD |
|-------------------|-------------------------|----------------------------------|----------------------------------|-------|------|-----------------|--------------------|
| Aliphatic C28-C40 | 36.2                    | 4.76                             | 35.0                             | 84    |      | 11   (40-140)   | 25                 |
| Aliphatic C9-C28  | 120.5                   | 0                                | 97.3                             | 81    |      | 0.6   (40-140)  | 25                 |

**SOLID EPH\_NF LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY**

**Lab Name:** Chemtech **Client:** Union Paving & Construction Company  
**Lab Code:** CHEM **Cas No:** P4663 **SAS No :** P4663 **SDG No:** P4663  
**Sample No :** PB164589BS **Datafile:** FE050966.D  
**Client ID :** PB164589BS

| COMPOUND          | SPIKE<br>ADDED<br>mg/kg | LCS/LCSD<br>CONCENTRATION<br>mg/kg | % REC | Qual | QC LIMITS |
|-------------------|-------------------------|------------------------------------|-------|------|-----------|
| Aliphatic C28-C40 | 30.0                    | 21.1                               | 70    |      | (40-140)  |
| Aliphatic C9-C28  | 99.9                    | 74.0                               | 75    |      | (40-140)  |

**SOLID EPH\_NF LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY**

**Lab Name:** Chemtech **Client:** Union Paving & Construction Company  
**Lab Code:** CHEM **Cas No:** P4663 **SAS No :** P4663 **SDG No:** P4663  
**Sample No :** PB164589BSD **Datafile:** FE050967.D  
**Client ID :** PB164589BSD

| COMPOUND          | SPIKE<br>ADDED<br>mg/kg | LCS/LCSD<br>CONCENTRATION<br>mg/kg | % REC | Qual | RPD   QC LIMITS | QC Limit<br>Of RPD |
|-------------------|-------------------------|------------------------------------|-------|------|-----------------|--------------------|
| Aliphatic C28-C40 | 30.0                    | 20.4                               | 68    |      | 3.4  (40-140)   | 50                 |
| Aliphatic C9-C28  | 100.1                   | 66.7                               | 68    |      | 10.6  (40-140)  | 50                 |

A  
B  
C  
D  
E  
F  
G  
H  
I  
J

4B  
METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164589BL

Lab Name: CHEMTECH

Contract: UNIO02

Lab Code: CHEM Case No.: P4663

SAS No.: P4663 SDG NO.: P4663

Instrument ID: FID\_E

Lab Sample ID: PB164589BL

Matrix: (soil/water) Solid

Date Extracted: 11/1/2024 8:50:00 A

Level: (low/med) low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

| EPA<br>SAMPLE NO.         | LAB<br>SAMPLE ID |
|---------------------------|------------------|
| PB164589BS                | PB164589BS       |
| PB164589BSD               | PB164589BSD      |
| BP-F8MS                   | P4643-05MS       |
| BP-F8MSD                  | P4643-05MSD      |
| TENNANT-PAD-2-3-STOCKPILE | P4663-02         |
| RES-BUILDING-PAD-NO-11    | P4663-04         |
| RES-BUILDING-PAD-NO-3     | P4663-06         |
| RES-BUILDING-PAD-NO-2     | P4663-08         |

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



# QC SAMPLE DATA

## Report of Analysis

|                    |                                     |          |                 |         |
|--------------------|-------------------------------------|----------|-----------------|---------|
| Client:            | Union Paving & Construction Company |          | Date Collected: |         |
| Project:           | Rt. 10 Whippany                     |          | Date Received:  |         |
| Client Sample ID:  | PB164589BL                          |          | SDG No.:        | P4663   |
| Lab Sample ID:     | PB164589BL                          |          | Matrix:         | Solid   |
| Analytical Method: | NJEPH                               |          | % Solid:        | 100     |
| Sample Wt/Vol:     | 30.01                               | Units: g | Final Vol:      | 2000 uL |
| Soil Aliquot Vol:  |                                     | uL       | Test:           | EPH_NF  |
| Prep Method :      |                                     |          |                 |         |

|                |                 |               |
|----------------|-----------------|---------------|
| Prep Date :    | Date Analyzed : | Prep Batch ID |
| 11/01/24 08:50 | 11/01/24 15:33  | PB164589      |

Datafile

| CAS Number         | Parameter          | Conc. | Qualifier | Dilution | MDL  | LOQ / CRQL | Units(Dry Weight) |            |
|--------------------|--------------------|-------|-----------|----------|------|------------|-------------------|------------|
| <b>TARGETS</b>     |                    |       |           |          |      |            |                   |            |
| Aliphatic C28-C40  | Aliphatic C28-C40  | 1.80  | U         | 1        | 1.80 | 2.00       | mg/kg             | FE050965.D |
| Aliphatic C9-C28   | Aliphatic C9-C28   | 1.72  | U         | 1        | 1.72 | 4.00       | mg/kg             | FE050965.D |
| Total AliphaticEPH | Total AliphaticEPH | 3.52  | U         |          | 3.52 | 6.00       | mg/kg             |            |
| Total EPH          | Total EPH          | 3.52  | U         |          | 3.52 | 6.00       | mg/kg             |            |

\* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control 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

## Report of Analysis

|                    |                                     |          |                 |         |
|--------------------|-------------------------------------|----------|-----------------|---------|
| Client:            | Union Paving & Construction Company |          | Date Collected: |         |
| Project:           | Rt. 10 Whippany                     |          | Date Received:  |         |
| Client Sample ID:  | PB164589BL                          |          | SDG No.:        | P4663   |
| Lab Sample ID:     | PB164589BL                          |          | Matrix:         | Solid   |
| Analytical Method: | NJEPH                               |          | % Solid:        | 100     |
| Sample Wt/Vol:     | 30.01                               | Units: g | Final Vol:      | 2000 uL |
| Soil Aliquot Vol:  |                                     | uL       | Test:           | EPH_NF  |
| Prep Method :      |                                     |          |                 |         |

|            |           |             |                 |               |
|------------|-----------|-------------|-----------------|---------------|
| File ID :  | Dilution: | Prep Date : | Date Analyzed : | Prep Batch ID |
| FE050965.D | 1         | 11/01/24    | 11/01/24        | PB164589      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aliphatic C9-C28  | Aliphatic C9-C28          | 1.72  | U         | 1.72     | 4.00       | mg/kg   |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 1.80  | U         | 1.80     | 2.00       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 37.3  |           | 40 - 140 | 75%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 36.4  |           | 40 - 140 | 73%        | SPK: 50 |



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

Quantitation Report For Aliphatic EPH Range.

|                   |            |                    |                   |
|-------------------|------------|--------------------|-------------------|
| Lab Sample ID:    | PB164589BL | Acq On:            | 01 Nov 2024 15:33 |
| Client Sample ID: | PB164589BL | Operator:          | YP\AJ             |
| Data file:        | FE050965.D | Misc:              |                   |
| Instrument:       | FID_E      | ALS Vial:          | 11                |
| Dilution Factor:  | 1          | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response | Conc  | highest_standard | Units |
|---------------------------|--------|--------|----------|-------|------------------|-------|
| Aliphatic EPH             | 3.143  | 22.051 | 0        | 0     |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 11.853 | 11.853 | 5744957  | 36.44 |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 13.287 | 13.287 | 4409327  | 37.27 |                  | ug/ml |
| Aliphatic C9-C12          | 3.143  | 6.761  | 0        | 0     | 300              | ug/ml |
| Aliphatic C12-C16         | 6.762  | 10.193 | 0        | 0     | 200              | ug/ml |
| Aliphatic C16-C21         | 10.194 | 13.552 | 0        | 0     | 300              | ug/ml |
| Aliphatic C21-C28         | 13.553 | 17.208 | 0        | 0     | 400              | ug/ml |
| Aliphatic C28-C40         | 17.209 | 22.051 | 0        | 0     | 600              | ug/ml |
| Aliphatic C9-C28          | 3.143  | 17.208 | 0        | 0     | 1200             | ug/ml |

## Report of Analysis

|                    |                                     |                 |              |
|--------------------|-------------------------------------|-----------------|--------------|
| Client:            | Union Paving & Construction Company | Date Collected: |              |
| Project:           | Rt. 10 Whippany                     | Date Received:  |              |
| Client Sample ID:  | PB164589BS                          | SDG No.:        | P4663        |
| Lab Sample ID:     | PB164589BS                          | Matrix:         | Solid        |
| Analytical Method: | NJEPH                               | % Solid:        | 100          |
| Sample Wt/Vol:     | 30.03      Units: g                 | Final Vol:      | 2000      uL |
| Soil Aliquot Vol:  | uL                                  | Test:           | EPH_NF       |
| Prep Method :      |                                     |                 |              |

|                |                 |               |
|----------------|-----------------|---------------|
| Prep Date :    | Date Analyzed : | Prep Batch ID |
| 11/01/24 08:50 | 11/01/24 16:03  | PB164589      |

Datafile

| CAS Number         | Parameter          | Conc. | Qualifier | Dilution | MDL  | LOQ / CRQL | Units(Dry Weight) |            |
|--------------------|--------------------|-------|-----------|----------|------|------------|-------------------|------------|
| <b>TARGETS</b>     |                    |       |           |          |      |            |                   |            |
| Aliphatic C28-C40  | Aliphatic C28-C40  | 21.1  |           | 1        | 1.80 | 2.00       | mg/kg             | FE050966.D |
| Aliphatic C9-C28   | Aliphatic C9-C28   | 74.0  |           | 1        | 1.72 | 3.99       | mg/kg             | FE050966.D |
| Total AliphaticEPH | Total AliphaticEPH | 95.1  |           |          | 3.52 | 5.99       | mg/kg             |            |
| Total EPH          | Total EPH          | 95.1  |           |          | 3.52 | 5.99       | mg/kg             |            |

\* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control 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

## Report of Analysis

|                    |                                     |          |                 |         |
|--------------------|-------------------------------------|----------|-----------------|---------|
| Client:            | Union Paving & Construction Company |          | Date Collected: |         |
| Project:           | Rt. 10 Whippany                     |          | Date Received:  |         |
| Client Sample ID:  | PB164589BS                          |          | SDG No.:        | P4663   |
| Lab Sample ID:     | PB164589BS                          |          | Matrix:         | Solid   |
| Analytical Method: | NJEPH                               |          | % Solid:        | 100     |
| Sample Wt/Vol:     | 30.03                               | Units: g | Final Vol:      | 2000 uL |
| Soil Aliquot Vol:  |                                     | uL       | Test:           | EPH_NF  |
| Prep Method :      |                                     |          |                 |         |

|            |           |             |                 |               |
|------------|-----------|-------------|-----------------|---------------|
| File ID :  | Dilution: | Prep Date : | Date Analyzed : | Prep Batch ID |
| FE050966.D | 1         | 11/01/24    | 11/01/24        | PB164589      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aliphatic C9-C28  | Aliphatic C9-C28          | 74.0  |           | 1.72     | 3.99       | mg/kg   |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 21.1  |           | 1.80     | 2.00       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 45.3  |           | 40 - 140 | 91%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 42.2  |           | 40 - 140 | 84%        | SPK: 50 |



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

Quantitation Report For Aliphatic EPH Range.

|                   |            |                    |                   |
|-------------------|------------|--------------------|-------------------|
| Lab Sample ID:    | PB164589BS | Acq On:            | 01 Nov 2024 16:03 |
| Client Sample ID: | PB164589BS | Operator:          | YP\AJ             |
| Data file:        | FE050966.D | Misc:              |                   |
| Instrument:       | FID_E      | ALS Vial:          | 12                |
| Dilution Factor:  | 1          | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response  | Conc    | highest_standard | Units |
|---------------------------|--------|--------|-----------|---------|------------------|-------|
| Aliphatic EPH             | 3.143  | 22.051 | 203178114 | 1430    |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 11.856 | 11.856 | 6651573   | 42.19   |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 13.289 | 13.289 | 5363050   | 45.34   |                  | ug/ml |
| Aliphatic C9-C12          | 3.143  | 6.761  | 31598152  | 221.121 | 300              | ug/ml |
| Aliphatic C12-C16         | 6.762  | 10.193 | 37902051  | 261.18  | 200              | ug/ml |
| Aliphatic C16-C21         | 10.194 | 13.552 | 42197434  | 292.223 | 300              | ug/ml |
| Aliphatic C21-C28         | 13.553 | 17.208 | 47711044  | 335.627 | 400              | ug/ml |
| Aliphatic C28-C40         | 17.209 | 22.051 | 43769433  | 316.474 | 600              | ug/ml |
| Aliphatic C9-C28          | 3.143  | 17.208 | 159408681 | 1110    | 1200             | ug/ml |

## Report of Analysis

|                    |                                     |                 |              |
|--------------------|-------------------------------------|-----------------|--------------|
| Client:            | Union Paving & Construction Company | Date Collected: |              |
| Project:           | Rt. 10 Whippany                     | Date Received:  |              |
| Client Sample ID:  | PB164589BSD                         | SDG No.:        | P4663        |
| Lab Sample ID:     | PB164589BSD                         | Matrix:         | Solid        |
| Analytical Method: | NJEPH                               | % Solid:        | 100          |
| Sample Wt/Vol:     | 30.01      Units: g                 | Final Vol:      | 2000      uL |
| Soil Aliquot Vol:  | uL                                  | Test:           | EPH_NF       |
| Prep Method :      |                                     |                 |              |

|                |                 |               |
|----------------|-----------------|---------------|
| Prep Date :    | Date Analyzed : | Prep Batch ID |
| 11/01/24 08:50 | 11/01/24 16:33  | PB164589      |

Datafile

| CAS Number         | Parameter          | Conc. | Qualifier | Dilution | MDL  | LOQ / CRQL | Units(Dry Weight) |            |
|--------------------|--------------------|-------|-----------|----------|------|------------|-------------------|------------|
| <b>TARGETS</b>     |                    |       |           |          |      |            |                   |            |
| Aliphatic C28-C40  | Aliphatic C28-C40  | 20.4  |           | 1        | 1.80 | 2.00       | mg/kg             | FE050967.D |
| Aliphatic C9-C28   | Aliphatic C9-C28   | 66.7  |           | 1        | 1.72 | 4.00       | mg/kg             | FE050967.D |
| Total AliphaticEPH | Total AliphaticEPH | 87.1  |           |          | 3.52 | 6.00       | mg/kg             |            |
| Total EPH          | Total EPH          | 87.1  |           |          | 3.52 | 6.00       | mg/kg             |            |

\* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control 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

## Report of Analysis

|                    |                                     |          |                 |         |
|--------------------|-------------------------------------|----------|-----------------|---------|
| Client:            | Union Paving & Construction Company |          | Date Collected: |         |
| Project:           | Rt. 10 Whippany                     |          | Date Received:  |         |
| Client Sample ID:  | PB164589BSD                         |          | SDG No.:        | P4663   |
| Lab Sample ID:     | PB164589BSD                         |          | Matrix:         | Solid   |
| Analytical Method: | NJEPH                               |          | % Solid:        | 100     |
| Sample Wt/Vol:     | 30.01                               | Units: g | Final Vol:      | 2000 uL |
| Soil Aliquot Vol:  |                                     | uL       | Test:           | EPH_NF  |
| Prep Method :      |                                     |          |                 |         |

|            |           |             |                 |               |
|------------|-----------|-------------|-----------------|---------------|
| File ID :  | Dilution: | Prep Date : | Date Analyzed : | Prep Batch ID |
| FE050967.D | 1         | 11/01/24    | 11/01/24        | PB164589      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aliphatic C9-C28  | Aliphatic C9-C28          | 66.7  |           | 1.72     | 4.00       | mg/kg   |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 20.4  |           | 1.80     | 2.00       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 40.9  |           | 40 - 140 | 82%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 38.5  |           | 40 - 140 | 77%        | SPK: 50 |



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

Quantitation Report For Aliphatic EPH Range.

|                   |             |                    |                   |
|-------------------|-------------|--------------------|-------------------|
| Lab Sample ID:    | PB164589BSD | Acq On:            | 01 Nov 2024 16:33 |
| Client Sample ID: | PB164589BSD | Operator:          | YP\AJ             |
| Data file:        | FE050967.D  | Misc:              |                   |
| Instrument:       | FID_E       | ALS Vial:          | 13                |
| Dilution Factor:  | 1           | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response  | Conc    | highest_standard | Units |
|---------------------------|--------|--------|-----------|---------|------------------|-------|
| Aliphatic EPH             | 3.143  | 22.051 | 186018226 | 1310    |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 11.856 | 11.856 | 6076382   | 38.54   |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 13.288 | 13.288 | 4838219   | 40.9    |                  | ug/ml |
| Aliphatic C9-C12          | 3.143  | 6.761  | 27996925  | 195.92  | 300              | ug/ml |
| Aliphatic C12-C16         | 6.762  | 10.193 | 33997830  | 234.277 | 200              | ug/ml |
| Aliphatic C16-C21         | 10.194 | 13.552 | 37985095  | 263.052 | 300              | ug/ml |
| Aliphatic C21-C28         | 13.553 | 17.208 | 43801068  | 308.122 | 400              | ug/ml |
| Aliphatic C28-C40         | 17.209 | 22.051 | 42237308  | 305.396 | 600              | ug/ml |
| Aliphatic C9-C28          | 3.143  | 17.208 | 143780918 | 1000    | 1200             | ug/ml |

## Report of Analysis

|                    |                                     |                 |                              |
|--------------------|-------------------------------------|-----------------|------------------------------|
| Client:            | Union Paving & Construction Company | Date Collected: |                              |
| Project:           | Rt. 10 Whippany                     | Date Received:  |                              |
| Client Sample ID:  | BP-F8MS                             | SDG No.:        | P4663                        |
| Lab Sample ID:     | P4643-05MS                          | Matrix:         | Solid                        |
| Analytical Method: | NJEPH                               | % Solid:        | 82.8                         |
| Sample Wt/Vol:     | 30.08      Units:    g              | Final Vol:      | 2000                      uL |
| Soil Aliquot Vol:  | uL                                  | Test:           | EPH_NF                       |
| Prep Method :      |                                     |                 |                              |

|                |                 |               |
|----------------|-----------------|---------------|
| Prep Date :    | Date Analyzed : | Prep Batch ID |
| 11/01/24 08:50 | 11/01/24 20:04  | PB164589      |

Datafile

| CAS Number         | Parameter          | Conc. | Qualifier | Dilution | MDL  | LOQ / CRQL | Units(Dry Weight) |            |
|--------------------|--------------------|-------|-----------|----------|------|------------|-------------------|------------|
| <b>TARGETS</b>     |                    |       |           |          |      |            |                   |            |
| Aliphatic C28-C40  | Aliphatic C28-C40  | 31.6  |           | 1        | 2.17 | 2.41       | mg/kg             | FE050974.D |
| Aliphatic C9-C28   | Aliphatic C9-C28   | 97.8  | E         | 1        | 2.07 | 4.81       | mg/kg             | FE050974.D |
| Total AliphaticEPH | Total AliphaticEPH | 129   |           |          | 4.24 | 7.22       | mg/kg             |            |
| Total EPH          | Total EPH          | 129   |           |          | 4.24 | 7.22       | mg/kg             |            |

\* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control 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

## Report of Analysis

|                    |                                     |          |                 |         |
|--------------------|-------------------------------------|----------|-----------------|---------|
| Client:            | Union Paving & Construction Company |          | Date Collected: |         |
| Project:           | Rt. 10 Whippany                     |          | Date Received:  |         |
| Client Sample ID:  | BP-F8MS                             |          | SDG No.:        | P4663   |
| Lab Sample ID:     | P4643-05MS                          |          | Matrix:         | Solid   |
| Analytical Method: | NJEPH                               |          | % Solid:        | 82.8    |
| Sample Wt/Vol:     | 30.08                               | Units: g | Final Vol:      | 2000 uL |
| Soil Aliquot Vol:  |                                     | uL       | Test:           | EPH_NF  |
| Prep Method :      |                                     |          |                 |         |

|            |           |             |                 |               |
|------------|-----------|-------------|-----------------|---------------|
| File ID :  | Dilution: | Prep Date : | Date Analyzed : | Prep Batch ID |
| FE050974.D | 1         | 11/01/24    | 11/01/24        | PB164589      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aliphatic C9-C28  | Aliphatic C9-C28          | 97.8  | E         | 2.07     | 4.81       | mg/kg   |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 31.6  |           | 2.17     | 2.41       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 42.5  |           | 40 - 140 | 85%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 40.4  |           | 40 - 140 | 81%        | SPK: 50 |



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

**Quantitation Report For Aliphatic EPH Range.**

|                   |            |                    |                   |
|-------------------|------------|--------------------|-------------------|
| Lab Sample ID:    | P4643-05MS | Acq On:            | 01 Nov 2024 20:04 |
| Client Sample ID: | BP-F8MS    | Operator:          | YP\AJ             |
| Data file:        | FE050974.D | Misc:              |                   |
| Instrument:       | FID_E      | ALS Vial:          | 20                |
| Dilution Factor:  | 1          | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response  | Conc    | highest_standard | Units |
|---------------------------|--------|--------|-----------|---------|------------------|-------|
| Aliphatic EPH             | 3.143  | 22.051 | 229204243 | 1610    |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 11.855 | 11.855 | 6364201   | 40.37   |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 13.287 | 13.287 | 5031758   | 42.54   |                  | ug/ml |
| Aliphatic C9-C12          | 3.143  | 6.761  | 27329296  | 191.248 | 300              | ug/ml |
| Aliphatic C12-C16         | 6.762  | 10.193 | 38838585  | 267.634 | 200              | ug/ml |
| Aliphatic C16-C21         | 10.194 | 13.552 | 52200069  | 361.493 | 300              | ug/ml |
| Aliphatic C21-C28         | 13.553 | 17.208 | 56441887  | 397.045 | 400              | ug/ml |
| Aliphatic C28-C40         | 17.209 | 22.051 | 54394406  | 393.298 | 600              | ug/ml |
| Aliphatic C9-C28          | 3.143  | 17.208 | 174809837 | 1220    | 1200             | ug/ml |

## Report of Analysis

|                    |                                     |          |                 |         |
|--------------------|-------------------------------------|----------|-----------------|---------|
| Client:            | Union Paving & Construction Company |          | Date Collected: |         |
| Project:           | Rt. 10 Whippany                     |          | Date Received:  |         |
| Client Sample ID:  | BP-F8MSD                            |          | SDG No.:        | P4663   |
| Lab Sample ID:     | P4643-05MSD                         |          | Matrix:         | Solid   |
| Analytical Method: | NJEPH                               |          | % Solid:        | 82.8    |
| Sample Wt/Vol:     | 30.06                               | Units: g | Final Vol:      | 2000 uL |
| Soil Aliquot Vol:  |                                     | uL       | Test:           | EPH_NF  |
| Prep Method :      |                                     |          |                 |         |

|                |                 |               |
|----------------|-----------------|---------------|
| Prep Date :    | Date Analyzed : | Prep Batch ID |
| 11/01/24 08:50 | 11/01/24 20:34  | PB164589      |

Datafile

| CAS Number         | Parameter          | Conc. | Qualifier | Dilution | MDL  | LOQ / CRQL | Units(Dry Weight) |            |
|--------------------|--------------------|-------|-----------|----------|------|------------|-------------------|------------|
| <b>TARGETS</b>     |                    |       |           |          |      |            |                   |            |
| Aliphatic C28-C40  | Aliphatic C28-C40  | 35.0  |           | 1        | 2.17 | 2.41       | mg/kg             | FE050975.D |
| Aliphatic C9-C28   | Aliphatic C9-C28   | 97.3  | E         | 1        | 2.07 | 4.83       | mg/kg             | FE050975.D |
| Total AliphaticEPH | Total AliphaticEPH | 132   |           |          | 4.24 | 7.24       | mg/kg             |            |
| Total EPH          | Total EPH          | 132   |           |          | 4.24 | 7.24       | mg/kg             |            |

\* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control 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

## Report of Analysis

|                    |                                     |          |                 |         |
|--------------------|-------------------------------------|----------|-----------------|---------|
| Client:            | Union Paving & Construction Company |          | Date Collected: |         |
| Project:           | Rt. 10 Whippany                     |          | Date Received:  |         |
| Client Sample ID:  | BP-F8MSD                            |          | SDG No.:        | P4663   |
| Lab Sample ID:     | P4643-05MSD                         |          | Matrix:         | Solid   |
| Analytical Method: | NJEPH                               |          | % Solid:        | 82.8    |
| Sample Wt/Vol:     | 30.06                               | Units: g | Final Vol:      | 2000 uL |
| Soil Aliquot Vol:  |                                     | uL       | Test:           | EPH_NF  |
| Prep Method :      |                                     |          |                 |         |

|            |           |             |                 |               |
|------------|-----------|-------------|-----------------|---------------|
| File ID :  | Dilution: | Prep Date : | Date Analyzed : | Prep Batch ID |
| FE050975.D | 1         | 11/01/24    | 11/01/24        | PB164589      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aliphatic C9-C28  | Aliphatic C9-C28          | 97.3  | E         | 2.07     | 4.83       | mg/kg   |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 35.0  |           | 2.17     | 2.41       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 42.9  |           | 40 - 140 | 86%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 41.2  |           | 40 - 140 | 82%        | SPK: 50 |



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

Quantitation Report For Aliphatic EPH Range.

|                   |             |                    |                   |
|-------------------|-------------|--------------------|-------------------|
| Lab Sample ID:    | P4643-05MSD | Acq On:            | 01 Nov 2024 20:34 |
| Client Sample ID: | BP-F8MSD    | Operator:          | YP\AJ             |
| Data file:        | FE050975.D  | Misc:              |                   |
| Instrument:       | FID_E       | ALS Vial:          | 21                |
| Dilution Factor:  | 1           | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response  | Conc    | highest_standard | Units |
|---------------------------|--------|--------|-----------|---------|------------------|-------|
| Aliphatic EPH             | 3.143  | 22.051 | 234089583 | 1650    |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 11.855 | 11.855 | 6493005   | 41.18   |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 13.287 | 13.287 | 5071838   | 42.88   |                  | ug/ml |
| Aliphatic C9-C12          | 3.143  | 6.761  | 27907709  | 195.295 | 300              | ug/ml |
| Aliphatic C12-C16         | 6.762  | 10.193 | 39799820  | 274.258 | 200              | ug/ml |
| Aliphatic C16-C21         | 10.194 | 13.552 | 47868511  | 331.497 | 300              | ug/ml |
| Aliphatic C21-C28         | 13.553 | 17.208 | 58358756  | 410.529 | 400              | ug/ml |
| Aliphatic C28-C40         | 17.209 | 22.051 | 60154787  | 434.948 | 600              | ug/ml |
| Aliphatic C9-C28          | 3.143  | 17.208 | 173934796 | 1210    | 1200             | ug/ml |



# CALIBRATION SUMMARY

Initial Calibration Report for SequenceID : FE100824AL

**AreaCount**

| Parameter Range   | FE050535.D    | FE050536.D    | FE050537.D   | FE050538.D   | FE050539.D   |  |
|-------------------|---------------|---------------|--------------|--------------|--------------|--|
| Aliphatic C9-C12  | 40745791.000  | 21072572.000  | 8517410.000  | 4337343.000  | 2274924.000  |  |
| Aliphatic C12-C16 | 27735737.000  | 14244783.000  | 5792628.000  | 2930237.000  | 1531373.000  |  |
| Aliphatic C16-C21 | 40974621.000  | 21203318.000  | 8666410.000  | 4379658.000  | 2304599.000  |  |
| Aliphatic C21-C28 | 52777882.000  | 27581000.000  | 11356069.000 | 5708818.000  | 3125067.000  |  |
| Aliphatic C28-C40 | 72232829.000  | 38094965.000  | 16699677.000 | 8422068.000  | 4938401.000  |  |
| Aliphatic EPH     | 234466860.000 | 122196638.000 | 51032194.000 | 25778124.000 | 14174364.000 |  |

**AVG Response Factor**

| Parameter Range   | AVG RF         | % RSD |  |  |  |  |
|-------------------|----------------|-------|--|--|--|--|
| Aliphatic C9-C12  | 142899.9299998 | 4.087 |  |  |  |  |
| Aliphatic C12-C16 | 145118.273     | 3.694 |  |  |  |  |
| Aliphatic C16-C21 | 144401.2446664 | 4.356 |  |  |  |  |
| Aliphatic C21-C28 | 142154.8735    | 6.306 |  |  |  |  |
| Aliphatic C28-C40 | 138303.281333  | 12.24 |  |  |  |  |
| Aliphatic EPH     | 141698.847333  | 7.212 |  |  |  |  |

**Concentration**

| Parameter Range   | FE050535.D | FE050536.D | FE050537.D | FE050538.D | FE050539.D |  |
|-------------------|------------|------------|------------|------------|------------|--|
| Aliphatic C9-C12  | 300.000    | 150.000    | 60.000     | 30.000     | 15.000     |  |
| Aliphatic C12-C16 | 200.000    | 100.000    | 40.000     | 20.000     | 10.000     |  |
| Aliphatic C16-C21 | 300.000    | 150.000    | 60.000     | 30.000     | 15.000     |  |
| Aliphatic C21-C28 | 400.000    | 200.000    | 80.000     | 40.000     | 20.000     |  |
| Aliphatic C28-C40 | 600.000    | 300.000    | 120.000    | 60.000     | 30.000     |  |
| Aliphatic EPH     | 1800.000   | 900.000    | 360.000    | 180.000    | 90.000     |  |

**Response Factor**

| Parameter Range   | FE050535.D    | FE050536.D    | FE050537.D    | FE050538.D    | FE050539.D    |  |
|-------------------|---------------|---------------|---------------|---------------|---------------|--|
| Aliphatic C9-C12  | 135819.303333 | 140483.813333 | 141956.833333 | 144578.100000 | 151661.600000 |  |
| Aliphatic C12-C16 | 138678.685000 | 142447.830000 | 144815.700000 | 146511.850000 | 153137.300000 |  |
| Aliphatic C16-C21 | 136582.070000 | 141355.453333 | 144440.166666 | 145988.600000 | 153639.933333 |  |

Initial Calibration Report for SequenceID : FE100824AL

|                   |               |               |               |               |               |  |
|-------------------|---------------|---------------|---------------|---------------|---------------|--|
| Aliphatic C21-C28 | 131944.705000 | 137905.000000 | 141950.862500 | 142720.450000 | 156253.350000 |  |
| Aliphatic C28-C40 | 120388.048333 | 126983.216666 | 139163.975000 | 140367.800000 | 164613.366666 |  |
| Aliphatic EPH     | 130259.366666 | 135774.042222 | 141756.094444 | 143211.800000 | 157492.933333 |  |

Continuing Calibration Report for SequenceID : FE110124AL

| Parameter | AreaCount | Conc. | RT_Min | RT_Max | Response Factor | AVGRF | %DEV |
|-----------|-----------|-------|--------|--------|-----------------|-------|------|
|-----------|-----------|-------|--------|--------|-----------------|-------|------|

File ID : FE050964.D

|                   |              |         |        |        |            |            |        |
|-------------------|--------------|---------|--------|--------|------------|------------|--------|
| Aliphatic C9-C12  | 7605648.000  | 60.000  | 3.143  | 6.761  | 126760.800 | 142899.930 | 11.294 |
| Aliphatic C12-C16 | 5284424.000  | 40.000  | 6.762  | 10.193 | 132110.600 | 145118.273 | 8.963  |
| Aliphatic C16-C21 | 8023053.000  | 60.000  | 10.194 | 13.552 | 133717.550 | 144401.245 | 7.399  |
| Aliphatic C21-C28 | 10728459.000 | 80.000  | 13.553 | 17.208 | 134105.738 | 142154.874 | 5.662  |
| Aliphatic C28-C40 | 16555120.000 | 120.000 | 17.209 | 22.051 | 137959.333 | 138303.281 | 0.249  |
| Aliphatic EPH     | 48196704.000 | 360.000 | 3.143  | 22.051 | 133879.733 | 141698.847 | 5.518  |

|                   |                       |                    |                   |
|-------------------|-----------------------|--------------------|-------------------|
| Lab Sample ID:    | 20 PPM ALIPHATIC HC 9 | Acq On:            | 01 Nov 2024 12:24 |
| Client Sample ID: |                       | Operator:          | YP\AJ             |
| Data file:        | FE050964.D            | Misc:              |                   |
| Instrument:       | FID_E                 | ALS Vial:          | 2                 |
| Dilution Factor:  | 1                     | Sample Multiplier: | 1.00              |

| Compound          | R.T.   |        | Response     | Conc    | Units |
|-------------------|--------|--------|--------------|---------|-------|
| Aliphatic C9-C12  | 3.143  | 6.761  | 7605648.000  | 60.000  | ug/ml |
| Aliphatic C12-C16 | 6.762  | 10.193 | 5284424.000  | 40.000  | ug/ml |
| Aliphatic C16-C21 | 10.194 | 13.552 | 8023053.000  | 60.000  | ug/ml |
| Aliphatic C21-C28 | 13.553 | 17.208 | 10728459.000 | 80.000  | ug/ml |
| Aliphatic C28-C40 | 17.209 | 22.051 | 16555120.000 | 120.000 | ug/ml |
| Aliphatic EPH     | 3.143  | 22.051 | 48196704.000 | 360.000 | ug/ml |

Continuing Calibration Report for SequenceID : FE110124AL

| Parameter | AreaCount | Conc. | RT_Min | RT_Max | Response Factor | AVGRF | %DEV |
|-----------|-----------|-------|--------|--------|-----------------|-------|------|
|-----------|-----------|-------|--------|--------|-----------------|-------|------|

File ID : FE050980.D

|                   |              |         |        |        |            |            |        |
|-------------------|--------------|---------|--------|--------|------------|------------|--------|
| Aliphatic C9-C12  | 7763670.000  | 60.000  | 3.143  | 6.761  | 129394.500 | 142899.930 | 9.451  |
| Aliphatic C12-C16 | 5370431.000  | 40.000  | 6.762  | 10.193 | 134260.775 | 145118.273 | 7.482  |
| Aliphatic C16-C21 | 8127271.000  | 60.000  | 10.194 | 13.552 | 135454.517 | 144401.245 | 6.196  |
| Aliphatic C21-C28 | 10989147.000 | 80.000  | 13.553 | 17.208 | 137364.338 | 142154.874 | 3.370  |
| Aliphatic C28-C40 | 16828263.000 | 120.000 | 17.209 | 22.051 | 140235.525 | 138303.281 | -1.397 |
| Aliphatic EPH     | 49078782.000 | 360.000 | 3.143  | 22.051 | 136329.950 | 141698.847 | 3.789  |

|                   |                       |                    |                   |
|-------------------|-----------------------|--------------------|-------------------|
| Lab Sample ID:    | 20 PPM ALIPHATIC HC 9 | Acq On:            | 01 Nov 2024 23:36 |
| Client Sample ID: |                       | Operator:          | YPIAJ             |
| Data file:        | FE050980.D            | Misc:              |                   |
| Instrument:       | FID_E                 | ALS Vial:          | 2                 |
| Dilution Factor:  | 1                     | Sample Multiplier: | 1.00              |

| Compound          | R.T.   |        | Response     | Conc    | Units |
|-------------------|--------|--------|--------------|---------|-------|
| Aliphatic C9-C12  | 3.143  | 6.761  | 7763670.000  | 60.000  | ug/ml |
| Aliphatic C12-C16 | 6.762  | 10.193 | 5370431.000  | 40.000  | ug/ml |
| Aliphatic C16-C21 | 10.194 | 13.552 | 8127271.000  | 60.000  | ug/ml |
| Aliphatic C21-C28 | 13.553 | 17.208 | 10989147.000 | 80.000  | ug/ml |
| Aliphatic C28-C40 | 17.209 | 22.051 | 16828263.000 | 120.000 | ug/ml |
| Aliphatic EPH     | 3.143  | 22.051 | 49078782.000 | 360.000 | ug/ml |

Continuing Calibration Report for SequenceID : FE110124AL

| Parameter | AreaCount | Conc. | RT_Min | RT_Max | Response Factor | AVGRF | %DEV |
|-----------|-----------|-------|--------|--------|-----------------|-------|------|
|-----------|-----------|-------|--------|--------|-----------------|-------|------|

File ID : FE050990.D

|                   |              |         |        |        |            |            |        |
|-------------------|--------------|---------|--------|--------|------------|------------|--------|
| Aliphatic C9-C12  | 7907796.000  | 60.000  | 3.143  | 6.761  | 131796.600 | 142899.930 | 7.770  |
| Aliphatic C12-C16 | 5406989.000  | 40.000  | 6.762  | 10.193 | 135174.725 | 145118.273 | 6.852  |
| Aliphatic C16-C21 | 8107839.000  | 60.000  | 10.194 | 13.552 | 135130.650 | 144401.245 | 6.420  |
| Aliphatic C21-C28 | 10983169.000 | 80.000  | 13.553 | 17.208 | 137289.613 | 142154.874 | 3.423  |
| Aliphatic C28-C40 | 16792590.000 | 120.000 | 17.209 | 22.051 | 139938.250 | 138303.281 | -1.182 |
| Aliphatic EPH     | 49198383.000 | 360.000 | 3.143  | 22.051 | 136662.175 | 141698.847 | 3.554  |

|                   |                       |                    |                   |
|-------------------|-----------------------|--------------------|-------------------|
| Lab Sample ID:    | 20 PPM ALIPHATIC HC 9 | Acq On:            | 02 Nov 2024 05:38 |
| Client Sample ID: |                       | Operator:          | YP\AJ             |
| Data file:        | FE050990.D            | Misc:              |                   |
| Instrument:       | FID_E                 | ALS Vial:          | 2                 |
| Dilution Factor:  | 1                     | Sample Multiplier: | 1.00              |

| Compound          | R.T.   |        | Response     | Conc    | Units |
|-------------------|--------|--------|--------------|---------|-------|
| Aliphatic C9-C12  | 3.143  | 6.761  | 7907796.000  | 60.000  | ug/ml |
| Aliphatic C12-C16 | 6.762  | 10.193 | 5406989.000  | 40.000  | ug/ml |
| Aliphatic C16-C21 | 10.194 | 13.552 | 8107839.000  | 60.000  | ug/ml |
| Aliphatic C21-C28 | 13.553 | 17.208 | 10983169.000 | 80.000  | ug/ml |
| Aliphatic C28-C40 | 17.209 | 22.051 | 16792590.000 | 120.000 | ug/ml |
| Aliphatic EPH     | 3.143  | 22.051 | 49198383.000 | 360.000 | ug/ml |

Continuing Calibration Report for SequenceID : FE110524AL

| Parameter | AreaCount | Conc. | RT_Min | RT_Max | Response Factor | AVGRF | %DEV |
|-----------|-----------|-------|--------|--------|-----------------|-------|------|
|-----------|-----------|-------|--------|--------|-----------------|-------|------|

File ID : FE051023.D

|                   |              |         |        |        |            |            |        |
|-------------------|--------------|---------|--------|--------|------------|------------|--------|
| Aliphatic C9-C12  | 7665518.000  | 60.000  | 3.140  | 6.760  | 127758.633 | 142899.930 | 10.596 |
| Aliphatic C12-C16 | 5082769.000  | 40.000  | 6.761  | 10.191 | 127069.225 | 145118.273 | 12.437 |
| Aliphatic C16-C21 | 7446348.000  | 60.000  | 10.192 | 13.549 | 124105.800 | 144401.245 | 14.055 |
| Aliphatic C21-C28 | 9517574.000  | 80.000  | 13.550 | 17.205 | 118969.675 | 142154.874 | 16.310 |
| Aliphatic C28-C40 | 13061518.000 | 120.000 | 17.206 | 22.048 | 108845.983 | 138303.281 | 21.299 |
| Aliphatic EPH     | 42773727.000 | 360.000 | 3.140  | 22.048 | 118815.908 | 141698.847 | 16.149 |

|                   |                       |                    |                   |
|-------------------|-----------------------|--------------------|-------------------|
| Lab Sample ID:    | 20 PPM ALIPHATIC HC 9 | Acq On:            | 05 Nov 2024 10:07 |
| Client Sample ID: |                       | Operator:          | YP\AJ             |
| Data file:        | FE051023.D            | Misc:              |                   |
| Instrument:       | FID_E                 | ALS Vial:          | 2                 |
| Dilution Factor:  | 1                     | Sample Multiplier: | 1.00              |

| Compound          | R.T.   |        | Response     | Conc    | Units |
|-------------------|--------|--------|--------------|---------|-------|
| Aliphatic C9-C12  | 3.140  | 6.760  | 7665518.000  | 60.000  | ug/ml |
| Aliphatic C12-C16 | 6.761  | 10.191 | 5082769.000  | 40.000  | ug/ml |
| Aliphatic C16-C21 | 10.192 | 13.549 | 7446348.000  | 60.000  | ug/ml |
| Aliphatic C21-C28 | 13.550 | 17.205 | 9517574.000  | 80.000  | ug/ml |
| Aliphatic C28-C40 | 17.206 | 22.048 | 13061518.000 | 120.000 | ug/ml |
| Aliphatic EPH     | 3.140  | 22.048 | 42773727.000 | 360.000 | ug/ml |

Continuing Calibration Report for SequenceID : FE110524AL

| Parameter | AreaCount | Conc. | RT_Min | RT_Max | Response Factor | AVGRF | %DEV |
|-----------|-----------|-------|--------|--------|-----------------|-------|------|
|-----------|-----------|-------|--------|--------|-----------------|-------|------|

File ID : FE051027.D

|                   |              |         |        |        |            |            |        |
|-------------------|--------------|---------|--------|--------|------------|------------|--------|
| Aliphatic C9-C12  | 9359759.000  | 60.000  | 3.140  | 6.760  | 155995.983 | 142899.930 | -9.164 |
| Aliphatic C12-C16 | 6199823.000  | 40.000  | 6.761  | 10.191 | 154995.575 | 145118.273 | -6.806 |
| Aliphatic C16-C21 | 9022037.000  | 60.000  | 10.192 | 13.549 | 150367.283 | 144401.245 | -4.132 |
| Aliphatic C21-C28 | 11563549.000 | 80.000  | 13.550 | 17.205 | 144544.363 | 142154.874 | -1.681 |
| Aliphatic C28-C40 | 15621079.000 | 120.000 | 17.206 | 22.048 | 130175.658 | 138303.281 | 5.877  |
| Aliphatic EPH     | 51766247.000 | 360.000 | 3.140  | 22.048 | 143795.131 | 141698.847 | -1.479 |

|                   |                       |                    |                   |
|-------------------|-----------------------|--------------------|-------------------|
| Lab Sample ID:    | 20 PPM ALIPHATIC HC 9 | Acq On:            | 05 Nov 2024 12:16 |
| Client Sample ID: |                       | Operator:          | YP\AJ             |
| Data file:        | FE051027.D            | Misc:              |                   |
| Instrument:       | FID_E                 | ALS Vial:          | 2                 |
| Dilution Factor:  | 1                     | Sample Multiplier: | 1.00              |

| Compound          | R.T.   |        | Response     | Conc    | Units |
|-------------------|--------|--------|--------------|---------|-------|
| Aliphatic C9-C12  | 3.140  | 6.760  | 9359759.000  | 60.000  | ug/ml |
| Aliphatic C12-C16 | 6.761  | 10.191 | 6199823.000  | 40.000  | ug/ml |
| Aliphatic C16-C21 | 10.192 | 13.549 | 9022037.000  | 60.000  | ug/ml |
| Aliphatic C21-C28 | 13.550 | 17.205 | 11563549.000 | 80.000  | ug/ml |
| Aliphatic C28-C40 | 17.206 | 22.048 | 15621079.000 | 120.000 | ug/ml |
| Aliphatic EPH     | 3.140  | 22.048 | 51766247.000 | 360.000 | ug/ml |



# SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE110124AL\  
 Data File : FE050985.D  
 Signal(s) : FID1B.ch  
 Acq On : 02 Nov 2024 02:37  
 Operator : YP\AJ  
 Sample : P4663-02  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 TENNANT-PAD-2-3-STOCKPILE

### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/04/2024  
 Supervised By :Ankita Jodhani 11/04/2024

Integration File: sample.E  
 Quant Time: Nov 04 03:12:42 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 100824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 07 16:32:18 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response | Conc Units    |
|--------------------------------|--------|----------|---------------|
| -----                          |        |          |               |
| System Monitoring Compounds    |        |          |               |
| 9) S ortho-Terphenyl (SURR)    | 11.852 | 4661640  | 29.568 ug/mlm |
| Spiked Amount                  | 50.000 | Recovery | = 59.14%      |
| 12) S 1-chlorooctadecane (S... | 13.285 | 3550395  | 30.013 ug/ml  |
| Spiked Amount                  | 50.000 | Recovery | = 60.03%      |

Target Compounds

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE110124AL\  
Data File : FE050985.D  
Signal(s) : FID1B.ch  
Acq On : 02 Nov 2024 02:37  
Operator : YP\AJ  
Sample : P4663-02  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

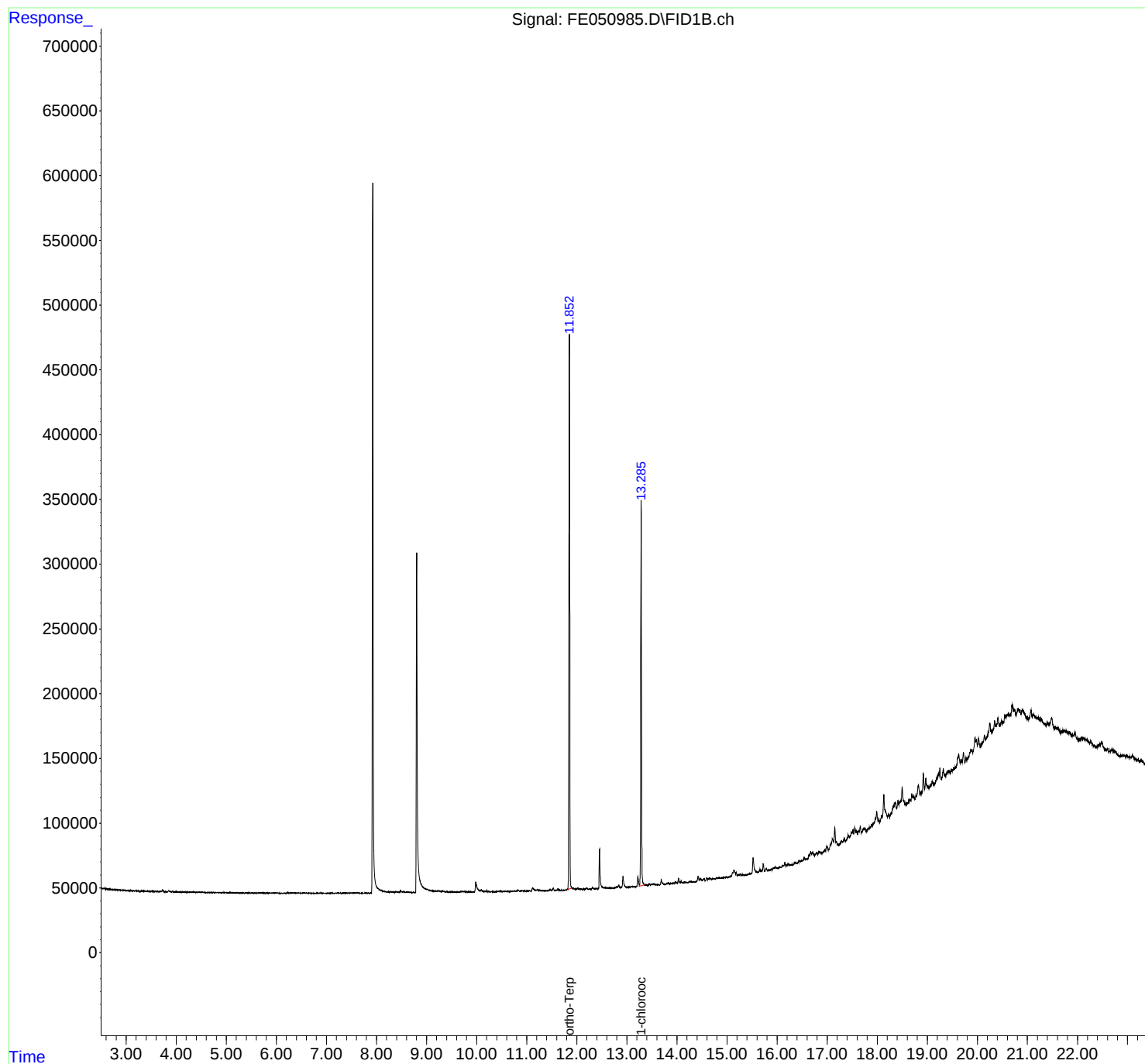
Instrument :  
FID\_E  
ClientSampleId :  
TENNANT-PAD-2-3-STOCKPILE

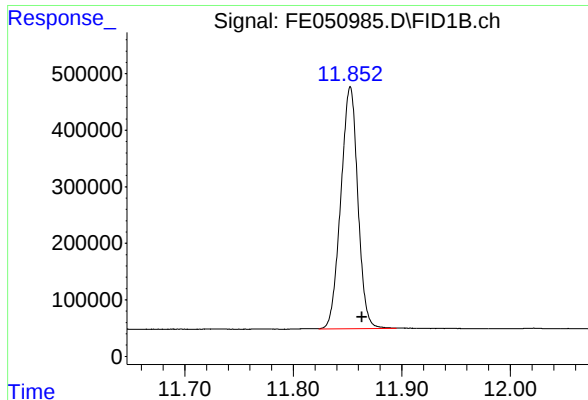
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :Ankita Jodhani 11/04/2024

Integration File: sample.E  
Quant Time: Nov 04 03:12:42 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 100824.  
Quant Title : GC Extractables  
QLast Update : Mon Oct 07 16:32:18 2024  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





#9 ortho-Terphenyl (SURR)

R.T.: 11.852 min  
Delta R.T.: -0.011 min  
Response: 4661640  
Conc: 29.57 ug/ml

Instrument :

FID\_E

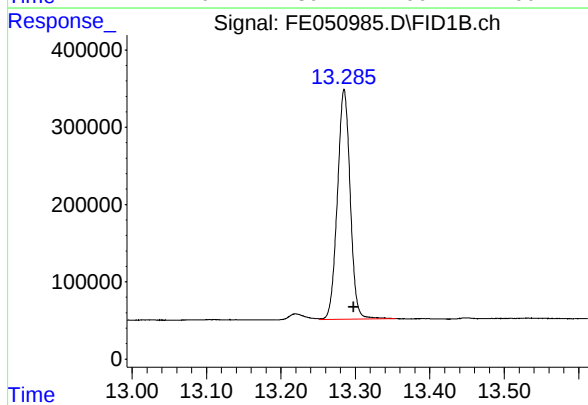
ClientSampleId :

TENNANT-PAD-2-3-STOCKPILE

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :Ankita Jodhani 11/04/2024



#12 1-chlorooctadecane (SURR)

R.T.: 13.285 min  
Delta R.T.: -0.013 min  
Response: 3550395  
Conc: 30.01 ug/ml

Instrument :

FID\_E

ClientSampleId :

TENNANT-PAD-2-3-STOCKPILE

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :Ankita Jodhani 11/04/2024

rteres

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE11012  
 Data File : FE050985.D  
 Signal(s) : FID1B.ch  
 Acq On : 02 Nov 2024 02:37  
 Sample : P4663-02  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 100824.M  
 Title : GC Extractables

Signal : FID1B.ch

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 3.238       | 3.201        | 3.341      | BV       | 128            | 1410         | 0.03%          | 0.002%        |
| 2         | 3.363       | 3.341        | 3.375      | PV       | 83             | 1431         | 0.03%          | 0.002%        |
| 3         | 3.382       | 3.375        | 3.408      | VV       | 109            | 1278         | 0.03%          | 0.002%        |
| 4         | 3.428       | 3.408        | 3.465      | VV       | 164            | 3014         | 0.06%          | 0.004%        |
| 5         | 3.472       | 3.465        | 3.500      | VV       | 99             | 923          | 0.02%          | 0.001%        |
| 6         | 3.510       | 3.500        | 3.541      | VV       | 99             | 1433         | 0.03%          | 0.002%        |
| 7         | 3.549       | 3.541        | 3.569      | VV       | 116            | 1213         | 0.03%          | 0.002%        |
| 8         | 3.578       | 3.569        | 3.657      | VV       | 105            | 2974         | 0.06%          | 0.004%        |
| 9         | 3.678       | 3.657        | 3.706      | PV       | 238            | 3888         | 0.08%          | 0.005%        |
| 10        | 3.727       | 3.706        | 3.828      | VV       | 1471           | 26547        | 0.56%          | 0.035%        |
| 11        | 3.848       | 3.828        | 3.908      | VV       | 830            | 16636        | 0.35%          | 0.022%        |
| 12        | 3.923       | 3.908        | 3.978      | VV       | 403            | 7315         | 0.15%          | 0.010%        |
| 13        | 3.998       | 3.978        | 4.042      | VV       | 142            | 3326         | 0.07%          | 0.004%        |
| 14        | 4.055       | 4.042        | 4.112      | VV       | 159            | 3129         | 0.07%          | 0.004%        |
| 15        | 4.123       | 4.112        | 4.182      | PV       | 92             | 3541         | 0.07%          | 0.005%        |
| 16        | 4.191       | 4.182        | 4.226      | VV       | 139            | 2698         | 0.06%          | 0.004%        |
| 17        | 4.231       | 4.226        | 4.274      | VV       | 133            | 2710         | 0.06%          | 0.004%        |
| 18        | 4.282       | 4.274        | 4.291      | VV       | 160            | 1256         | 0.03%          | 0.002%        |
| 19        | 4.295       | 4.291        | 4.308      | VV       | 151            | 1254         | 0.03%          | 0.002%        |
| 20        | 4.315       | 4.308        | 4.331      | VV       | 225            | 2352         | 0.05%          | 0.003%        |
| 21        | 4.352       | 4.331        | 4.395      | VV       | 232            | 5553         | 0.12%          | 0.007%        |
| 22        | 4.408       | 4.395        | 4.465      | VV       | 126            | 4293         | 0.09%          | 0.006%        |
| 23        | 4.491       | 4.465        | 4.550      | VV       | 257            | 6580         | 0.14%          | 0.009%        |
| 24        | 4.561       | 4.550        | 4.601      | VV       | 102            | 2543         | 0.05%          | 0.003%        |
| 25        | 4.609       | 4.601        | 4.639      | VV       | 170            | 1817         | 0.04%          | 0.002%        |
| 26        | 4.661       | 4.639        | 4.722      | PV       | 134            | 3698         | 0.08%          | 0.005%        |
| 27        | 4.729       | 4.722        | 4.761      | VV       | 131            | 1991         | 0.04%          | 0.003%        |
| 28        | 4.777       | 4.761        | 4.791      | VV       | 132            | 1442         | 0.03%          | 0.002%        |
| 29        | 4.796       | 4.791        | 4.801      | VV       | 92             | 422          | 0.01%          | 0.001%        |
| 30        | 4.810       | 4.801        | 4.871      | VV       | 151            | 3713         | 0.08%          | 0.005%        |
| 31        | 4.916       | 4.871        | 5.057      | VV       | 200            | 12286        | 0.26%          | 0.016%        |
| 32        | 5.085       | 5.057        | 5.114      | VV       | 177            | 3514         | 0.07%          | 0.005%        |
| 33        | 5.121       | 5.114        | 5.139      | VV       | 75             | 649          | 0.01%          | 0.001%        |
| 34        | 5.149       | 5.139        | 5.205      | PV       | 85             | 1939         | 0.04%          | 0.003%        |
| 35        | 5.231       | 5.205        | 5.278      | VV       | 155            | 2823         | 0.06%          | 0.004%        |
| 36        | 5.287       | 5.278        | 5.319      | VV       | 92             | 1193         | 0.03%          | 0.002%        |

| Instrument : FID_E                         |       |       |       |    |         |       |       |        |   |
|--------------------------------------------|-------|-------|-------|----|---------|-------|-------|--------|---|
| ClientSampleId : TENNANT-PAD-2-3-STOCKPILE |       |       |       |    |         |       |       |        |   |
| Manual IntegrationsAPPROVED                |       |       |       |    |         |       |       |        |   |
| Reviewed By :Yogesh Patel 11/04/2024       |       |       |       |    |         |       |       |        |   |
| Supervised By :Ankita Jodhani 11/04/2024   |       |       |       |    |         |       |       |        |   |
|                                            |       |       |       |    | retenes |       |       |        |   |
| 37                                         | 5.328 | 5.319 | 5.351 | VV | 53      | 741   | 0.02% | 0.001% | A |
| 38                                         | 5.357 | 5.351 | 5.408 | PV | 39      | 1078  |       |        |   |
| 39                                         | 5.415 | 5.408 | 5.448 | VV | 95      | 1374  |       |        | B |
| 40                                         | 5.469 | 5.448 | 5.497 | VV | 159     | 3031  |       |        | C |
| 41                                         | 5.509 | 5.497 | 5.576 | VV | 165     | 3136  |       |        | D |
| 42                                         | 5.584 | 5.576 | 5.605 | PV | 45      | 438   |       |        |   |
| 43                                         | 5.630 | 5.605 | 5.702 | VV | 192     | 5296  | 0.11% | 0.007% | E |
| 44                                         | 5.723 | 5.702 | 5.782 | VV | 377     | 8877  | 0.19% | 0.012% | F |
| 45                                         | 5.804 | 5.782 | 5.851 | VV | 145     | 3765  | 0.08% | 0.005% | G |
| 46                                         | 5.855 | 5.851 | 5.865 | VV | 105     | 537   | 0.01% | 0.001% | H |
| 47                                         | 5.906 | 5.865 | 5.968 | VV | 222     | 6459  | 0.14% | 0.008% | I |
| 48                                         | 5.981 | 5.968 | 6.058 | VV | 128     | 3930  | 0.08% | 0.005% | J |
| 49                                         | 6.065 | 6.058 | 6.087 | VV | 78      | 864   | 0.02% | 0.001% |   |
| 50                                         | 6.107 | 6.087 | 6.141 | VV | 102     | 1627  | 0.03% | 0.002% |   |
| 51                                         | 6.157 | 6.141 | 6.173 | PV | 65      | 983   | 0.02% | 0.001% |   |
| 52                                         | 6.227 | 6.173 | 6.291 | VV | 285     | 11367 | 0.24% | 0.015% |   |
| 53                                         | 6.307 | 6.291 | 6.328 | VV | 253     | 3571  | 0.08% | 0.005% |   |
| 54                                         | 6.338 | 6.328 | 6.351 | VV | 185     | 1887  | 0.04% | 0.002% |   |
| 55                                         | 6.370 | 6.351 | 6.415 | VV | 236     | 5721  | 0.12% | 0.008% |   |
| 56                                         | 6.460 | 6.415 | 6.489 | VV | 173     | 4992  | 0.11% | 0.007% |   |
| 57                                         | 6.549 | 6.489 | 6.641 | VV | 421     | 17040 | 0.36% | 0.022% |   |
| 58                                         | 6.677 | 6.641 | 6.705 | VV | 215     | 5235  | 0.11% | 0.007% |   |
| 59                                         | 6.746 | 6.705 | 6.786 | VV | 173     | 5092  | 0.11% | 0.007% |   |
| 60                                         | 6.815 | 6.786 | 6.919 | PV | 193     | 8188  | 0.17% | 0.011% |   |
| 61                                         | 6.929 | 6.919 | 6.945 | VV | 81      | 1007  | 0.02% | 0.001% |   |
| 62                                         | 6.959 | 6.945 | 7.055 | VV | 179     | 5165  | 0.11% | 0.007% |   |
| 63                                         | 7.073 | 7.055 | 7.098 | VV | 139     | 1932  | 0.04% | 0.003% |   |
| 64                                         | 7.103 | 7.098 | 7.128 | VV | 135     | 1384  | 0.03% | 0.002% |   |
| 65                                         | 7.131 | 7.128 | 7.139 | VV | 149     | 488   | 0.01% | 0.001% |   |
| 66                                         | 7.165 | 7.139 | 7.198 | VV | 135     | 3549  | 0.07% | 0.005% |   |
| 67                                         | 7.221 | 7.198 | 7.266 | VV | 213     | 6325  | 0.13% | 0.008% |   |
| 68                                         | 7.285 | 7.266 | 7.301 | VV | 185     | 2725  | 0.06% | 0.004% |   |
| 69                                         | 7.309 | 7.301 | 7.328 | VV | 154     | 2208  | 0.05% | 0.003% |   |
| 70                                         | 7.343 | 7.328 | 7.355 | VV | 239     | 2880  | 0.06% | 0.004% |   |
| 71                                         | 7.384 | 7.355 | 7.425 | VV | 301     | 8285  | 0.17% | 0.011% |   |
| 72                                         | 7.454 | 7.425 | 7.468 | VV | 255     | 3997  | 0.08% | 0.005% |   |
| 73                                         | 7.505 | 7.468 | 7.522 | VV | 303     | 7765  | 0.16% | 0.010% |   |
| 74                                         | 7.554 | 7.522 | 7.588 | VV | 317     | 8906  | 0.19% | 0.012% |   |
| 75                                         | 7.607 | 7.588 | 7.678 | VV | 316     | 10515 | 0.22% | 0.014% |   |
| 76                                         | 7.686 | 7.678 | 7.696 | VV | 112     | 792   | 0.02% | 0.001% |   |
| 77                                         | 7.724 | 7.696 | 7.765 | PV | 102     | 2728  | 0.06% | 0.004% |   |
| 78                                         | 7.768 | 7.765 | 7.797 | VV | 93      | 1211  | 0.03% | 0.002% |   |
| 79                                         | 7.807 | 7.797 | 7.848 | PV | 74      | 770   | 0.02% | 0.001% |   |
| 80                                         | 8.278 | 8.255 | 8.347 | VV | 919     | 40878 | 0.86% | 0.054% |   |
| 81                                         | 8.398 | 8.347 | 8.445 | VV | 951     | 43085 | 0.91% | 0.057% |   |
| 82                                         | 8.482 | 8.445 | 8.526 | VV | 1640    | 44299 | 0.93% | 0.058% |   |
| 83                                         | 8.544 | 8.526 | 8.574 | VV | 794     | 15755 | 0.33% | 0.021% |   |
| 84                                         | 8.598 | 8.574 | 8.664 | VV | 651     | 27284 | 0.57% | 0.036% |   |
| 85                                         | 8.681 | 8.664 | 8.708 | VV | 437     | 7844  | 0.17% | 0.010% |   |
| 86                                         | 8.726 | 8.708 | 8.775 | VV | 306     | 5867  | 0.12% | 0.008% |   |
| 87                                         | 9.140 | 9.127 | 9.157 | VV | 1120    | 19099 | 0.40% | 0.025% |   |
| 88                                         | 9.168 | 9.157 | 9.201 | VV | 1083    | 25233 | 0.53% | 0.033% |   |
| 89                                         | 9.227 | 9.201 | 9.285 | VV | 1471    | 50376 | 1.06% | 0.066% |   |

|                                            |        |        |        |    |        |         |                |
|--------------------------------------------|--------|--------|--------|----|--------|---------|----------------|
| Instrument : FID_E                         |        |        |        |    |        |         |                |
| ClientSampleId : TENNANT-PAD-2-3-STOCKPILE |        |        |        |    |        |         |                |
| Manual IntegrationsAPPROVED                |        |        |        |    |        |         |                |
| Reviewed By :Yogesh Patel 11/04/2024       |        |        |        |    |        |         |                |
| Supervised By :Ankita Jodhani 11/04/2024   |        |        |        |    |        |         |                |
| 90                                         | 9.313  | 9.285  | 9.421  | VV | 1318   | 54756   | 1.15% 0.072%   |
| 91                                         | 9.433  | 9.421  | 9.451  | VV | 369    | 5593    |                |
| 92                                         | 9.469  | 9.451  | 9.482  | VV | 442    | 6426    |                |
| 93                                         | 9.515  | 9.482  | 9.537  | VV | 359    | 9655    |                |
| 94                                         | 9.554  | 9.537  | 9.590  | VV | 245    | 5412    |                |
| 95                                         | 9.606  | 9.590  | 9.634  | VV | 265    | 5072    |                |
| 96                                         | 9.706  | 9.634  | 9.753  | VV | 585    | 24076   | 0.51% 0.032%   |
| 97                                         | 9.768  | 9.753  | 9.798  | VV | 395    | 7107    | 0.15% 0.009%   |
| 98                                         | 9.821  | 9.798  | 9.829  | VV | 318    | 3862    | 0.08% 0.005%   |
| 99                                         | 9.846  | 9.829  | 9.860  | VV | 231    | 3691    | 0.08% 0.005%   |
| 100                                        | 9.870  | 9.860  | 9.908  | VV | 236    | 3054    | 0.06% 0.004%   |
| 101                                        | 9.928  | 9.908  | 9.945  | PV | 312    | 3326    | 0.07% 0.004%   |
| 102                                        | 9.984  | 9.945  | 10.071 | VV | 7739   | 192615  | 4.06% 0.253%   |
| 103                                        | 10.090 | 10.071 | 10.177 | VV | 1664   | 45897   | 0.97% 0.060%   |
| 104                                        | 10.198 | 10.177 | 10.359 | VV | 1050   | 27288   | 0.57% 0.036%   |
| 105                                        | 10.366 | 10.359 | 10.383 | PV | 79     | 427     | 0.01% 0.001%   |
| 106                                        | 10.438 | 10.383 | 10.457 | PV | 418    | 7028    | 0.15% 0.009%   |
| 107                                        | 10.480 | 10.457 | 10.506 | VV | 499    | 8932    | 0.19% 0.012%   |
| 108                                        | 10.565 | 10.506 | 10.605 | VV | 386    | 13816   | 0.29% 0.018%   |
| 109                                        | 10.622 | 10.605 | 10.661 | VV | 315    | 4648    | 0.10% 0.006%   |
| 110                                        | 10.753 | 10.661 | 10.773 | PV | 646    | 16005   | 0.34% 0.021%   |
| 111                                        | 10.829 | 10.773 | 10.863 | VV | 1256   | 27203   | 0.57% 0.036%   |
| 112                                        | 10.899 | 10.863 | 10.921 | VV | 671    | 12777   | 0.27% 0.017%   |
| 113                                        | 10.936 | 10.921 | 10.951 | VV | 306    | 4951    | 0.10% 0.007%   |
| 114                                        | 10.955 | 10.951 | 11.020 | VV | 333    | 4981    | 0.10% 0.007%   |
| 115                                        | 11.052 | 11.020 | 11.085 | VV | 463    | 7611    | 0.16% 0.010%   |
| 116                                        | 11.121 | 11.085 | 11.183 | VV | 2287   | 67273   | 1.42% 0.088%   |
| 117                                        | 11.205 | 11.183 | 11.355 | VV | 933    | 39964   | 0.84% 0.052%   |
| 118                                        | 11.415 | 11.355 | 11.434 | PV | 166    | 2266    | 0.05% 0.003%   |
| 119                                        | 11.463 | 11.434 | 11.486 | VV | 1207   | 16390   | 0.35% 0.022%   |
| 120                                        | 11.532 | 11.486 | 11.558 | VV | 2046   | 35010   | 0.74% 0.046%   |
| 121                                        | 11.572 | 11.558 | 11.594 | VV | 256    | 4291    | 0.09% 0.006%   |
| 122                                        | 11.621 | 11.594 | 11.655 | VV | 1329   | 22012   | 0.46% 0.029%   |
| 123                                        | 11.672 | 11.655 | 11.680 | VV | 157    | 1833    | 0.04% 0.002%   |
| 124                                        | 11.693 | 11.680 | 11.711 | VV | 189    | 2255    | 0.05% 0.003%   |
| 125                                        | 11.730 | 11.711 | 11.747 | VV | 237    | 3659    | 0.08% 0.005%   |
| 126                                        | 11.773 | 11.747 | 11.795 | VV | 279    | 3588    | 0.08% 0.005%   |
| 127                                        | 11.852 | 11.795 | 11.931 | PV | 426707 | 4747560 | 100.00% 6.234% |
| 128                                        | 11.944 | 11.931 | 11.975 | VV | 1142   | 24137   | 0.51% 0.032%   |
| 129                                        | 11.985 | 11.975 | 11.998 | VV | 658    | 8306    | 0.17% 0.011%   |
| 130                                        | 12.021 | 11.998 | 12.038 | VV | 1368   | 21650   | 0.46% 0.028%   |
| 131                                        | 12.052 | 12.038 | 12.070 | VV | 719    | 11552   | 0.24% 0.015%   |
| 132                                        | 12.090 | 12.070 | 12.118 | VV | 713    | 13231   | 0.28% 0.017%   |
| 133                                        | 12.139 | 12.118 | 12.160 | VV | 513    | 7543    | 0.16% 0.010%   |
| 134                                        | 12.199 | 12.160 | 12.225 | PV | 1424   | 23658   | 0.50% 0.031%   |
| 135                                        | 12.248 | 12.225 | 12.278 | VV | 301    | 5546    | 0.12% 0.007%   |
| 136                                        | 12.310 | 12.278 | 12.373 | PV | 1241   | 29584   | 0.62% 0.039%   |
| 137                                        | 12.404 | 12.373 | 12.428 | VV | 445    | 9945    | 0.21% 0.013%   |
| 138                                        | 12.456 | 12.428 | 12.545 | VV | 30603  | 423868  | 8.93% 0.557%   |
| 139                                        | 12.554 | 12.545 | 12.571 | VV | 768    | 10744   | 0.23% 0.014%   |
| 140                                        | 12.584 | 12.571 | 12.630 | VV | 787    | 17904   | 0.38% 0.024%   |
| 141                                        | 12.657 | 12.630 | 12.678 | VV | 483    | 9650    | 0.20% 0.013%   |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 12.693 | 12.678 | 12.732 | VV | 327    | 6644    | 0.14%  | 0.009% |
| 143 | 12.802 | 12.732 | 12.817 | VV | 1211   | 26982   | 0.14%  | 0.009% |
| 144 | 12.839 | 12.817 | 12.891 | VV | 2166   | 39070   | 0.14%  | 0.009% |
| 145 | 12.922 | 12.891 | 13.002 | VV | 8753   | 154248  | 0.14%  | 0.009% |
| 146 | 13.026 | 13.002 | 13.058 | VV | 398    | 7232    | 0.14%  | 0.009% |
| 147 | 13.105 | 13.058 | 13.127 | VV | 581    | 14160   | 0.14%  | 0.009% |
| 148 | 13.139 | 13.127 | 13.177 | VV | 389    | 6700    | 0.14%  | 0.009% |
| 149 | 13.220 | 13.177 | 13.251 | PV | 7766   | 121075  | 2.55%  | 0.159% |
| 150 | 13.285 | 13.251 | 13.370 | VV | 297411 | 3609733 | 76.03% | 4.740% |
| 151 | 13.393 | 13.370 | 13.424 | VV | 1069   | 25442   | 0.54%  | 0.033% |
| 152 | 13.449 | 13.424 | 13.468 | VV | 1744   | 27320   | 0.58%  | 0.036% |
| 153 | 13.532 | 13.468 | 13.591 | VV | 1258   | 62721   | 1.32%  | 0.082% |
| 154 | 13.606 | 13.591 | 13.648 | VV | 389    | 8262    | 0.17%  | 0.011% |
| 155 | 13.687 | 13.648 | 13.745 | VV | 4180   | 76245   | 1.61%  | 0.100% |
| 156 | 13.753 | 13.745 | 13.771 | VV | 209    | 1811    | 0.04%  | 0.002% |
| 157 | 13.827 | 13.771 | 13.871 | VV | 1054   | 30978   | 0.65%  | 0.041% |
| 158 | 13.890 | 13.871 | 13.907 | VV | 397    | 7346    | 0.15%  | 0.010% |
| 159 | 13.928 | 13.907 | 13.943 | VV | 672    | 9351    | 0.20%  | 0.012% |
| 160 | 13.984 | 13.943 | 14.008 | VV | 1343   | 31462   | 0.66%  | 0.041% |
| 161 | 14.033 | 14.008 | 14.068 | VV | 3827   | 58494   | 1.23%  | 0.077% |
| 162 | 14.087 | 14.068 | 14.118 | VV | 1413   | 20353   | 0.43%  | 0.027% |
| 163 | 14.132 | 14.118 | 14.140 | VV | 504    | 5212    | 0.11%  | 0.007% |
| 164 | 14.154 | 14.140 | 14.199 | VV | 483    | 11093   | 0.23%  | 0.015% |
| 165 | 14.254 | 14.199 | 14.318 | VV | 763    | 26149   | 0.55%  | 0.034% |
| 166 | 14.332 | 14.318 | 14.341 | VV | 222    | 1888    | 0.04%  | 0.002% |
| 167 | 14.350 | 14.341 | 14.369 | VV | 197    | 1675    | 0.04%  | 0.002% |
| 168 | 14.421 | 14.369 | 14.452 | PV | 3926   | 71812   | 1.51%  | 0.094% |
| 169 | 14.469 | 14.452 | 14.495 | VV | 2317   | 37307   | 0.79%  | 0.049% |
| 170 | 14.540 | 14.495 | 14.570 | VV | 1691   | 40384   | 0.85%  | 0.053% |
| 171 | 14.596 | 14.570 | 14.620 | VV | 2343   | 35039   | 0.74%  | 0.046% |
| 172 | 14.656 | 14.620 | 14.682 | VV | 1751   | 37210   | 0.78%  | 0.049% |
| 173 | 14.708 | 14.682 | 14.718 | VV | 713    | 10785   | 0.23%  | 0.014% |
| 174 | 14.740 | 14.718 | 14.768 | VV | 842    | 17033   | 0.36%  | 0.022% |
| 175 | 14.792 | 14.768 | 14.821 | VV | 1359   | 26702   | 0.56%  | 0.035% |
| 176 | 14.851 | 14.821 | 14.875 | VV | 1001   | 20227   | 0.43%  | 0.027% |
| 177 | 14.908 | 14.875 | 14.919 | VV | 442    | 10822   | 0.23%  | 0.014% |
| 178 | 14.993 | 14.919 | 15.025 | VV | 719    | 25473   | 0.54%  | 0.033% |
| 179 | 15.072 | 15.025 | 15.081 | VV | 962    | 18667   | 0.39%  | 0.025% |
| 180 | 15.140 | 15.081 | 15.169 | VV | 5240   | 166613  | 3.51%  | 0.219% |
| 181 | 15.181 | 15.169 | 15.218 | VV | 2850   | 51582   | 1.09%  | 0.068% |
| 182 | 15.230 | 15.218 | 15.245 | VV | 1307   | 17056   | 0.36%  | 0.022% |
| 183 | 15.265 | 15.245 | 15.291 | VV | 1409   | 26029   | 0.55%  | 0.034% |
| 184 | 15.332 | 15.291 | 15.361 | VV | 831    | 20752   | 0.44%  | 0.027% |
| 185 | 15.379 | 15.361 | 15.390 | PV | 268    | 2916    | 0.06%  | 0.004% |
| 186 | 15.451 | 15.390 | 15.487 | VV | 703    | 17764   | 0.37%  | 0.023% |
| 187 | 15.520 | 15.487 | 15.589 | PV | 12218  | 258133  | 5.44%  | 0.339% |
| 188 | 15.603 | 15.589 | 15.623 | VV | 764    | 11709   | 0.25%  | 0.015% |
| 189 | 15.655 | 15.623 | 15.692 | VV | 2451   | 42939   | 0.90%  | 0.056% |
| 190 | 15.723 | 15.692 | 15.755 | VV | 5904   | 85212   | 1.79%  | 0.112% |
| 191 | 15.782 | 15.755 | 15.808 | VV | 1936   | 32087   | 0.68%  | 0.042% |
| 192 | 15.823 | 15.808 | 15.850 | PV | 496    | 6131    | 0.13%  | 0.008% |
| 193 | 15.876 | 15.850 | 15.889 | PV | 712    | 8521    | 0.18%  | 0.011% |
| 194 | 15.935 | 15.889 | 15.951 | VV | 1078   | 25860   | 0.54%  | 0.034% |

Instrument :

FID\_E

ClientSampleId :

TENNANT-PAD-2-3-STOCKPILE

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :Ankita Jodhani 11/04/2024

|     |        |        |        |    |       |         | Instrument :<br>FID_E                         |        | A |
|-----|--------|--------|--------|----|-------|---------|-----------------------------------------------|--------|---|
|     |        |        |        |    |       |         | ClientSampleId :<br>TENNANT-PAD-2-3-STOCKPILE |        |   |
| 195 | 15.970 | 15.951 | 16.015 | VV | 1173  | 25730   | 0.54%                                         | 0.034% | B |
| 196 | 16.050 | 16.015 | 16.088 | VV | 780   | 19122   | Manual IntegrationsAPPROVED                   |        | C |
| 197 | 16.125 | 16.088 | 16.134 | VV | 1303  | 27321   | Reviewed By :Yogesh Patel 11/04/2024          |        | D |
| 198 | 16.155 | 16.134 | 16.185 | VV | 3537  | 55749   | Supervised By :Ankita Jodhani 11/04/2024      |        | E |
| 199 | 16.224 | 16.185 | 16.255 | VV | 1742  | 41290   |                                               |        | F |
| 200 | 16.297 | 16.255 | 16.311 | VV | 781   | 14308   |                                               |        | G |
| 201 | 16.345 | 16.311 | 16.355 | PV | 1453  | 18641   | 0.39%                                         | 0.024% | H |
| 202 | 16.371 | 16.355 | 16.395 | VV | 1051  | 15835   | 0.33%                                         | 0.021% | I |
| 203 | 16.457 | 16.395 | 16.471 | PV | 1168  | 25008   | 0.53%                                         | 0.033% | J |
| 204 | 16.488 | 16.471 | 16.511 | VV | 923   | 12557   | 0.26%                                         | 0.016% |   |
| 205 | 16.539 | 16.511 | 16.578 | VV | 2004  | 43172   | 0.91%                                         | 0.057% |   |
| 206 | 16.603 | 16.578 | 16.618 | VV | 520   | 8093    | 0.17%                                         | 0.011% |   |
| 207 | 16.638 | 16.618 | 16.651 | VV | 2848  | 36905   | 0.78%                                         | 0.048% |   |
| 208 | 16.669 | 16.651 | 16.687 | VV | 4944  | 71896   | 1.51%                                         | 0.094% |   |
| 209 | 16.711 | 16.687 | 16.741 | VV | 3807  | 81899   | 1.73%                                         | 0.108% |   |
| 210 | 16.800 | 16.741 | 16.814 | VV | 1729  | 54085   | 1.14%                                         | 0.071% |   |
| 211 | 16.833 | 16.814 | 16.884 | VV | 1957  | 44539   | 0.94%                                         | 0.058% |   |
| 212 | 16.951 | 16.884 | 16.961 | PV | 1086  | 23184   | 0.49%                                         | 0.030% |   |
| 213 | 16.992 | 16.961 | 17.034 | VV | 3986  | 77344   | 1.63%                                         | 0.102% |   |
| 214 | 17.106 | 17.034 | 17.130 | VV | 7618  | 244915  | 5.16%                                         | 0.322% |   |
| 215 | 17.152 | 17.130 | 17.175 | VV | 15488 | 236635  | 4.98%                                         | 0.311% |   |
| 216 | 17.184 | 17.175 | 17.229 | VV | 4476  | 73371   | 1.55%                                         | 0.096% |   |
| 217 | 17.289 | 17.229 | 17.304 | VV | 3066  | 72021   | 1.52%                                         | 0.095% |   |
| 218 | 17.343 | 17.304 | 17.366 | VV | 4034  | 94612   | 1.99%                                         | 0.124% |   |
| 219 | 17.419 | 17.366 | 17.453 | VV | 5392  | 173754  | 3.66%                                         | 0.228% |   |
| 220 | 17.488 | 17.453 | 17.501 | VV | 6290  | 146538  | 3.09%                                         | 0.192% |   |
| 221 | 17.514 | 17.501 | 17.531 | VV | 7947  | 111439  | 2.35%                                         | 0.146% |   |
| 222 | 17.552 | 17.531 | 17.571 | VV | 8777  | 154877  | 3.26%                                         | 0.203% |   |
| 223 | 17.587 | 17.571 | 17.607 | VV | 5285  | 100731  | 2.12%                                         | 0.132% |   |
| 224 | 17.625 | 17.607 | 17.637 | VV | 5120  | 78679   | 1.66%                                         | 0.103% |   |
| 225 | 17.661 | 17.637 | 17.691 | VV | 8499  | 170024  | 3.58%                                         | 0.223% |   |
| 226 | 17.727 | 17.691 | 17.796 | VV | 5662  | 242588  | 5.11%                                         | 0.319% |   |
| 227 | 17.822 | 17.796 | 17.833 | VV | 3993  | 76444   | 1.61%                                         | 0.100% |   |
| 228 | 17.888 | 17.833 | 17.914 | VV | 6115  | 220827  | 4.65%                                         | 0.290% |   |
| 229 | 17.990 | 17.914 | 18.015 | VV | 14029 | 507482  | 10.69%                                        | 0.666% |   |
| 230 | 18.034 | 18.015 | 18.050 | VV | 7933  | 130983  | 2.76%                                         | 0.172% |   |
| 231 | 18.085 | 18.050 | 18.098 | VV | 9563  | 208239  | 4.39%                                         | 0.273% |   |
| 232 | 18.131 | 18.098 | 18.206 | VV | 24801 | 810593  | 17.07%                                        | 1.064% |   |
| 233 | 18.229 | 18.206 | 18.245 | VV | 7874  | 164019  | 3.45%                                         | 0.215% |   |
| 234 | 18.276 | 18.245 | 18.288 | VV | 8072  | 186125  | 3.92%                                         | 0.244% |   |
| 235 | 18.359 | 18.288 | 18.388 | VV | 15096 | 727528  | 15.32%                                        | 0.955% |   |
| 236 | 18.415 | 18.388 | 18.431 | VV | 15342 | 336894  | 7.10%                                         | 0.442% |   |
| 237 | 18.497 | 18.431 | 18.551 | VV | 24569 | 1092378 | 23.01%                                        | 1.434% |   |
| 238 | 18.569 | 18.551 | 18.591 | VV | 11007 | 248690  | 5.24%                                         | 0.327% |   |
| 239 | 18.629 | 18.591 | 18.638 | VV | 12361 | 306233  | 6.45%                                         | 0.402% |   |
| 240 | 18.656 | 18.638 | 18.671 | VV | 12598 | 236348  | 4.98%                                         | 0.310% |   |
| 241 | 18.690 | 18.671 | 18.758 | VV | 16103 | 687789  | 14.49%                                        | 0.903% |   |
| 242 | 18.821 | 18.758 | 18.851 | VV | 20854 | 864218  | 18.20%                                        | 1.135% |   |
| 243 | 18.866 | 18.851 | 18.881 | VV | 14702 | 249679  | 5.26%                                         | 0.328% |   |
| 244 | 18.921 | 18.881 | 18.945 | VV | 28283 | 727374  | 15.32%                                        | 0.955% |   |
| 245 | 18.969 | 18.945 | 19.005 | VV | 23707 | 681092  | 14.35%                                        | 0.894% |   |
| 246 | 19.017 | 19.005 | 19.031 | VV | 16944 | 255956  | 5.39%                                         | 0.336% |   |

|                         |        |        |        |     |       |         | Instrument :<br>FID_E                                                            |        | A |
|-------------------------|--------|--------|--------|-----|-------|---------|----------------------------------------------------------------------------------|--------|---|
|                         |        |        |        |     |       |         | ClientSampleId :<br>TENNANT-PAD-2-3-STOCKPILE                                    |        |   |
| rteres                  |        |        |        |     |       |         |                                                                                  |        | B |
| 247                     | 19.099 | 19.031 | 19.148 | VV  | 18917 | 1173746 | 24.72%                                                                           | 1.541% | C |
| 248                     | 19.223 | 19.148 | 19.234 | VV  | 23556 | 1038204 | 21.18%                                                                           | 0.854% | D |
| 249                     | 19.251 | 19.234 | 19.282 | VV  | 26938 | 636349  | 13.70%                                                                           | 0.607% | E |
| 250                     | 19.319 | 19.282 | 19.361 | VV  | 25139 | 994058  | 20.01%                                                                           | 1.247% | F |
|                         |        |        |        |     |       |         | Manual IntegrationsAPPROVED                                                      |        | G |
|                         |        |        |        |     |       |         | Reviewed By :Yogesh Patel 11/04/2024<br>Supervised By :Ankita Jodhani 11/04/2024 |        | H |
| 251                     | 19.382 | 19.361 | 19.391 | VV  | 21063 | 364748  | 7.71%                                                                            | 0.543% | I |
| 252                     | 19.433 | 19.391 | 19.455 | VV  | 22044 | 809675  | 17.08%                                                                           | 0.878% | J |
| 253                     | 19.478 | 19.455 | 19.488 | VV  | 21231 | 413422  | 8.71%                                                                            | 0.543% |   |
| 254                     | 19.529 | 19.488 | 19.539 | VV  | 22768 | 668590  | 14.08%                                                                           | 0.878% |   |
| 255                     | 19.628 | 19.539 | 19.654 | VV  | 31687 | 1754581 | 36.96%                                                                           | 2.304% |   |
| 256                     | 19.673 | 19.654 | 19.693 | VV  | 26580 | 598166  | 12.60%                                                                           | 0.785% |   |
| 257                     | 19.721 | 19.693 | 19.750 | VV  | 31572 | 911552  | 19.20%                                                                           | 1.197% |   |
| 258                     | 19.773 | 19.750 | 19.781 | VV  | 25951 | 462307  | 9.74%                                                                            | 0.607% |   |
| 259                     | 19.797 | 19.781 | 19.807 | VV  | 25385 | 382041  | 8.05%                                                                            | 0.502% |   |
| 260                     | 19.888 | 19.807 | 19.908 | VV  | 30769 | 1720290 | 36.24%                                                                           | 2.259% |   |
| 261                     | 19.952 | 19.908 | 19.968 | VV  | 37991 | 1211481 | 25.52%                                                                           | 1.591% |   |
| 262                     | 19.983 | 19.968 | 19.999 | VV  | 37000 | 650607  | 13.70%                                                                           | 0.854% |   |
| 263                     | 20.022 | 19.999 | 20.055 | VV  | 37115 | 1130805 | 23.82%                                                                           | 1.485% |   |
| 264                     | 20.071 | 20.055 | 20.082 | VV  | 32542 | 509346  | 10.73%                                                                           | 0.669% |   |
| 265                     | 20.140 | 20.082 | 20.160 | VV  | 37791 | 1576907 | 33.22%                                                                           | 2.071% |   |
| 266                     | 20.247 | 20.160 | 20.294 | VV  | 44675 | 3082606 | 64.93%                                                                           | 4.048% |   |
| 267                     | 20.345 | 20.294 | 20.380 | VV  | 45262 | 2111403 | 44.47%                                                                           | 2.772% |   |
| 268                     | 20.412 | 20.380 | 20.452 | VV  | 46573 | 1853112 | 39.03%                                                                           | 2.433% |   |
| 269                     | 20.479 | 20.452 | 20.518 | VV  | 43285 | 1625619 | 34.24%                                                                           | 2.135% |   |
| 270                     | 20.550 | 20.518 | 20.564 | VV  | 46886 | 1218705 | 25.67%                                                                           | 1.600% |   |
| 271                     | 20.601 | 20.564 | 20.611 | VV  | 46047 | 1283754 | 27.04%                                                                           | 1.686% |   |
| 272                     | 20.627 | 20.611 | 20.648 | VV  | 46884 | 1005400 | 21.18%                                                                           | 1.320% |   |
| 273                     | 20.701 | 20.648 | 20.722 | VV  | 52381 | 2120377 | 44.66%                                                                           | 2.784% |   |
| 274                     | 20.732 | 20.722 | 20.777 | VV  | 47959 | 1503784 | 31.67%                                                                           | 1.975% |   |
| 275                     | 20.802 | 20.777 | 20.812 | VV  | 47393 | 949992  | 20.01%                                                                           | 1.247% |   |
| 276                     | 20.821 | 20.812 | 20.872 | VV  | 46604 | 1615713 | 34.03%                                                                           | 2.122% |   |
| 277                     | 20.889 | 20.872 | 20.991 | VV  | 44643 | 2979085 | 62.75%                                                                           | 3.912% |   |
| 278                     | 21.002 | 20.991 | 21.011 | VV  | 37267 | 440098  | 9.27%                                                                            | 0.578% |   |
| 279                     | 21.029 | 21.011 | 21.041 | VV  | 36532 | 650760  | 13.71%                                                                           | 0.854% |   |
| 280                     | 21.070 | 21.041 | 21.098 | VV  | 41737 | 1317703 | 27.76%                                                                           | 1.730% |   |
| 281                     | 21.115 | 21.098 | 21.148 | VV  | 37960 | 1101609 | 23.20%                                                                           | 1.446% |   |
| 282                     | 21.160 | 21.148 | 21.190 | VV  | 35803 | 876475  | 18.46%                                                                           | 1.151% |   |
| 283                     | 21.209 | 21.190 | 21.251 | VV  | 34024 | 1209967 | 25.49%                                                                           | 1.589% |   |
| 284                     | 21.271 | 21.251 | 21.338 | VV  | 32578 | 1545895 | 32.56%                                                                           | 2.030% |   |
| 285                     | 21.348 | 21.338 | 21.372 | VV  | 27280 | 539811  | 11.37%                                                                           | 0.709% |   |
| 286                     | 21.399 | 21.372 | 21.445 | VV  | 27005 | 1111493 | 23.41%                                                                           | 1.459% |   |
| 287                     | 21.484 | 21.445 | 21.539 | VV  | 28972 | 1404308 | 29.58%                                                                           | 1.844% |   |
| 288                     | 21.553 | 21.539 | 21.604 | VV  | 21329 | 773393  | 16.29%                                                                           | 1.016% |   |
| 289                     | 21.614 | 21.604 | 21.668 | VV  | 19304 | 652070  | 13.73%                                                                           | 0.856% |   |
| 290                     | 21.711 | 21.668 | 21.733 | VV  | 15910 | 592106  | 12.47%                                                                           | 0.777% |   |
| 291                     | 21.747 | 21.733 | 21.771 | VV  | 15072 | 327891  | 6.91%                                                                            | 0.431% |   |
| 292                     | 21.777 | 21.771 | 21.814 | VV  | 14320 | 333246  | 7.02%                                                                            | 0.438% |   |
| 293                     | 21.832 | 21.814 | 21.918 | VV  | 12915 | 639665  | 13.47%                                                                           | 0.840% |   |
| 294                     | 21.952 | 21.918 | 21.985 | VV  | 10471 | 328380  | 6.92%                                                                            | 0.431% |   |
| 295                     | 21.994 | 21.985 | 22.009 | VV  | 5541  | 61095   | 1.29%                                                                            | 0.080% |   |
| 296                     | 22.086 | 22.009 | 22.108 | VV  | 3524  | 185204  | 3.90%                                                                            | 0.243% |   |
| 297                     | 22.114 | 22.108 | 22.159 | VV  | 3035  | 69338   | 1.46%                                                                            | 0.091% |   |
| 298                     | 22.168 | 22.159 | 22.201 | VBA | 1527  | 138956  | 2.93%                                                                            | 0.182% |   |
| Sum of corrected areas: |        |        |        |     |       |         | 76158052                                                                         |        |   |

Instrument :  
FID\_E  
ClientSampleId :  
TENNANT-PAD-2-3-STOCKPILE

rteres

Aliphatic EPH 100824.M Mon Nov 04 04:38:31 2024

Manual IntegrationsAPPROVED  
  
Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :Ankita Jodhani 11/04/2024

- A
- B
- C
- D
- E
- F
- G
- H
- I
- J

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE110124AL\  
 Data File : FE050986.D  
 Signal(s) : FID1B.ch  
 Acq On : 02 Nov 2024 03:07  
 Operator : YP\AJ  
 Sample : P4663-04  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 RES-BUILDING-PAD-NO-11

### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/04/2024  
 Supervised By :Ankita Jodhani 11/04/2024

Integration File: sample.E  
 Quant Time: Nov 04 03:12:50 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 100824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 07 16:32:18 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response | Conc Units    |
|--------------------------------|--------|----------|---------------|
| -----                          |        |          |               |
| System Monitoring Compounds    |        |          |               |
| 9) S ortho-Terphenyl (SURR)    | 11.853 | 6005696  | 38.094 ug/mlm |
| Spiked Amount                  | 50.000 | Recovery | = 76.19%      |
| 12) S 1-chlorooctadecane (S... | 13.286 | 4532325  | 38.314 ug/ml  |
| Spiked Amount                  | 50.000 | Recovery | = 76.63%      |

Target Compounds

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE110124AL\  
Data File : FE050986.D  
Signal(s) : FID1B.ch  
Acq On : 02 Nov 2024 03:07  
Operator : YP\AJ  
Sample : P4663-04  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

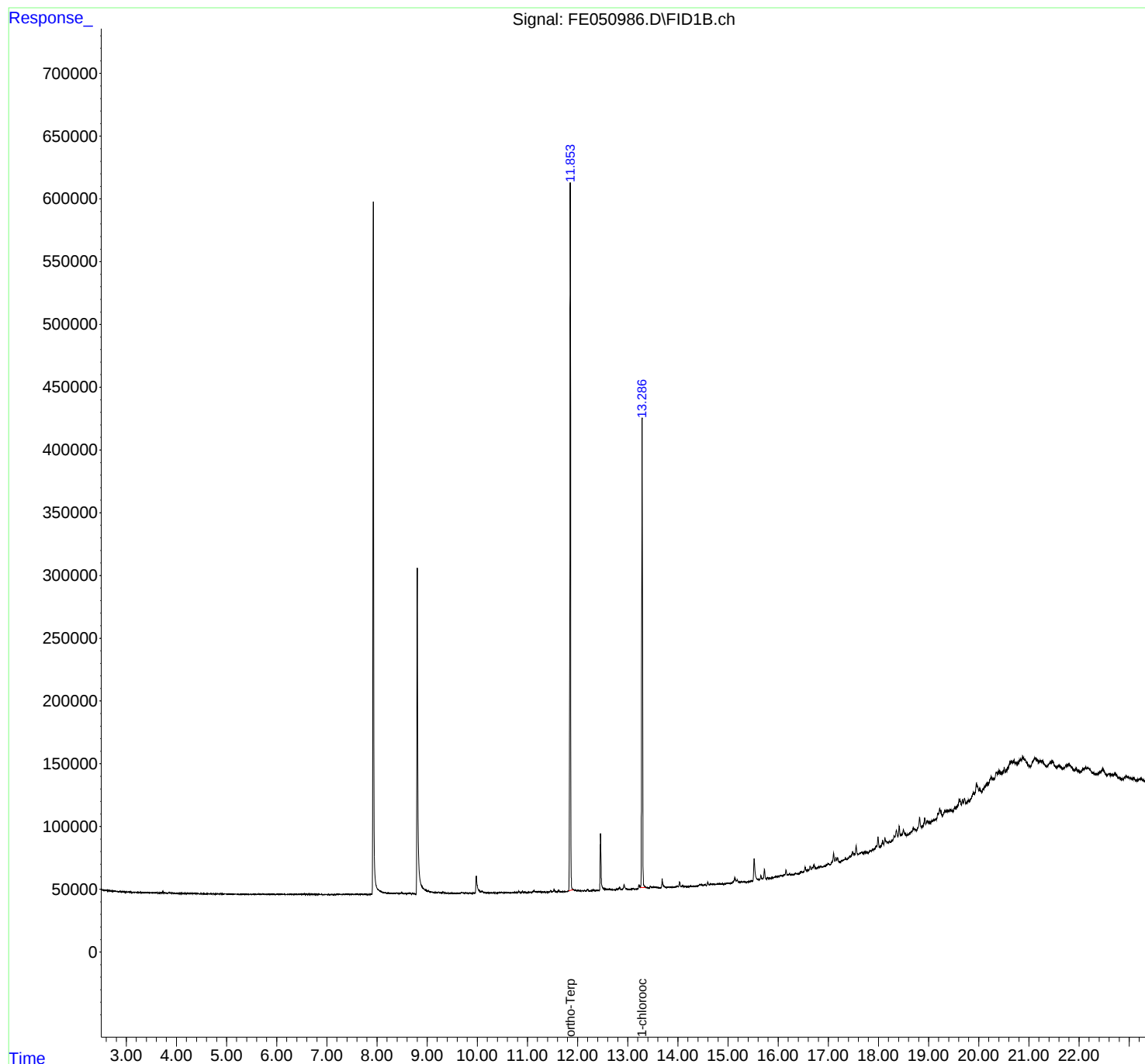
Instrument :  
FID\_E  
ClientSampleId :  
RES-BUILDING-PAD-NO-11

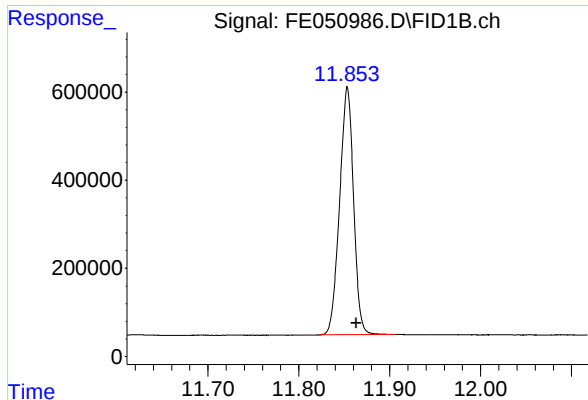
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :Ankita Jodhani 11/04/2024

Integration File: sample.E  
Quant Time: Nov 04 03:12:50 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 100824.  
Quant Title : GC Extractables  
QLast Update : Mon Oct 07 16:32:18 2024  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





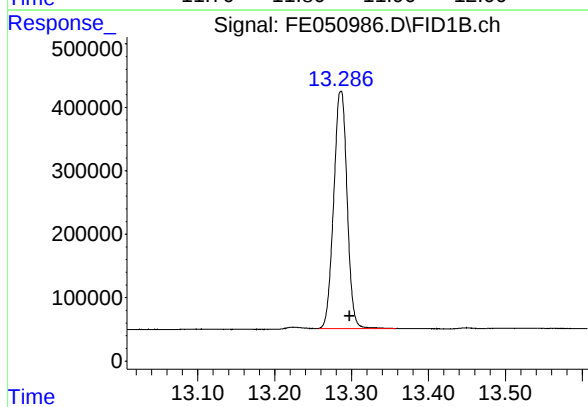
#9 ortho-Terphenyl (SURR)

R.T.: 11.853 min  
Delta R.T.: -0.010 min  
Response: 6005696  
Conc: 38.09 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
RES-BUILDING-PAD-NO-11

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :Ankita Jodhani 11/04/2024



#12 1-chlorooctadecane (SURR)

R.T.: 13.286 min  
Delta R.T.: -0.012 min  
Response: 4532325  
Conc: 38.31 ug/ml

Instrument :

FID\_E

ClientSampleId :

RES-BUILDING-PAD-NO-11

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :Ankita Jodhani 11/04/2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE11012  
 Data File : FE050986.D  
 Signal(s) : FID1B.ch  
 Acq On : 02 Nov 2024 03:07  
 Sample : P4663-04  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 100824.M  
 Title : GC Extractables

Signal : FID1B.ch

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 3.234       | 3.204        | 3.281      | BV       | 193            | 3170         | 0.05%          | 0.006%        |
| 2         | 3.284       | 3.281        | 3.348      | VV       | 84             | 140          | 0.00%          | 0.000%        |
| 3         | 3.363       | 3.348        | 3.419      | PV       | 177            | 2698         | 0.04%          | 0.005%        |
| 4         | 3.435       | 3.419        | 3.573      | VV       | 162            | 3085         | 0.05%          | 0.005%        |
| 5         | 3.587       | 3.573        | 3.661      | PV       | 113            | 1970         | 0.03%          | 0.003%        |
| 6         | 3.698       | 3.661        | 3.708      | PV       | 238            | 4659         | 0.08%          | 0.008%        |
| 7         | 3.728       | 3.708        | 3.824      | VV       | 1351           | 23567        | 0.39%          | 0.041%        |
| 8         | 3.850       | 3.824        | 3.904      | VV       | 687            | 13934        | 0.23%          | 0.025%        |
| 9         | 3.925       | 3.904        | 3.954      | VV       | 348            | 5470         | 0.09%          | 0.010%        |
| 10        | 3.965       | 3.954        | 3.985      | VV       | 118            | 1153         | 0.02%          | 0.002%        |
| 11        | 3.993       | 3.985        | 4.009      | PV       | 61             | 587          | 0.01%          | 0.001%        |
| 12        | 4.034       | 4.009        | 4.126      | VV       | 82             | 3993         | 0.07%          | 0.007%        |
| 13        | 4.138       | 4.126        | 4.190      | PV       | 68             | 2329         | 0.04%          | 0.004%        |
| 14        | 4.205       | 4.190        | 4.211      | VV       | 116            | 1136         | 0.02%          | 0.002%        |
| 15        | 4.221       | 4.211        | 4.291      | VV       | 188            | 5861         | 0.10%          | 0.010%        |
| 16        | 4.309       | 4.291        | 4.336      | VV       | 221            | 3770         | 0.06%          | 0.007%        |
| 17        | 4.352       | 4.336        | 4.418      | VV       | 279            | 6610         | 0.11%          | 0.012%        |
| 18        | 4.427       | 4.418        | 4.469      | VV       | 129            | 1892         | 0.03%          | 0.003%        |
| 19        | 4.494       | 4.469        | 4.520      | VV       | 267            | 4027         | 0.07%          | 0.007%        |
| 20        | 4.536       | 4.520        | 4.561      | VV       | 161            | 2700         | 0.04%          | 0.005%        |
| 21        | 4.565       | 4.561        | 4.588      | VV       | 107            | 1057         | 0.02%          | 0.002%        |
| 22        | 4.608       | 4.588        | 4.641      | VV       | 167            | 2578         | 0.04%          | 0.005%        |
| 23        | 4.667       | 4.641        | 4.707      | VV       | 229            | 4500         | 0.07%          | 0.008%        |
| 24        | 4.714       | 4.707        | 4.734      | VV       | 154            | 989          | 0.02%          | 0.002%        |
| 25        | 4.744       | 4.734        | 4.767      | VV       | 83             | 1198         | 0.02%          | 0.002%        |
| 26        | 4.778       | 4.767        | 4.785      | VV       | 125            | 851          | 0.01%          | 0.001%        |
| 27        | 4.800       | 4.785        | 4.928      | VV       | 151            | 11276        | 0.18%          | 0.020%        |
| 28        | 4.962       | 4.928        | 5.020      | VV       | 202            | 7725         | 0.13%          | 0.014%        |
| 29        | 5.030       | 5.020        | 5.065      | VV       | 133            | 2572         | 0.04%          | 0.005%        |
| 30        | 5.078       | 5.065        | 5.107      | VV       | 169            | 2322         | 0.04%          | 0.004%        |
| 31        | 5.117       | 5.107        | 5.191      | VV       | 112            | 3217         | 0.05%          | 0.006%        |
| 32        | 5.200       | 5.191        | 5.214      | VV       | 83             | 760          | 0.01%          | 0.001%        |
| 33        | 5.225       | 5.214        | 5.278      | VV       | 146            | 2940         | 0.05%          | 0.005%        |
| 34        | 5.291       | 5.278        | 5.315      | PV       | 120            | 1209         | 0.02%          | 0.002%        |
| 35        | 5.331       | 5.315        | 5.372      | VV       | 98             | 2379         | 0.04%          | 0.004%        |
| 36        | 5.380       | 5.372        | 5.411      | VV       | 146            | 1525         | 0.02%          | 0.003%        |

|                                          |       |       |       |    |      |       |       |        |   |
|------------------------------------------|-------|-------|-------|----|------|-------|-------|--------|---|
| Instrument : FID_E                       |       |       |       |    |      |       |       |        |   |
| ClientSampleId : RES-BUILDING-PAD-NO-11  |       |       |       |    |      |       |       |        |   |
| Manual IntegrationsAPPROVED              |       |       |       |    |      |       |       |        |   |
| Reviewed By :Yogesh Patel 11/04/2024     |       |       |       |    |      |       |       |        |   |
| Supervised By :Ankita Jodhani 11/04/2024 |       |       |       |    |      |       |       |        |   |
| 37                                       | 5.419 | 5.411 | 5.429 | PV | 128  | 796   | 0.01% | 0.001% | A |
| 38                                       | 5.475 | 5.429 | 5.495 | VV | 249  | 5927  | 0.01% | 0.001% | B |
| 39                                       | 5.509 | 5.495 | 5.611 | VV | 191  | 7779  | 0.01% | 0.001% | C |
| 40                                       | 5.643 | 5.611 | 5.679 | PV | 227  | 5485  | 0.01% | 0.001% | D |
| 41                                       | 5.724 | 5.679 | 5.801 | VV | 487  | 16219 | 0.22% | 0.024% | E |
| 42                                       | 5.820 | 5.801 | 5.852 | VV | 240  | 5367  | 0.14% | 0.015% | F |
| 43                                       | 5.902 | 5.852 | 5.978 | VV | 316  | 13699 | 0.06% | 0.006% | G |
| 44                                       | 6.005 | 5.978 | 6.048 | VV | 346  | 8635  | 0.04% | 0.004% | H |
| 45                                       | 6.057 | 6.048 | 6.097 | VV | 197  | 3617  | 0.02% | 0.002% | I |
| 46                                       | 6.108 | 6.097 | 6.145 | VV | 173  | 2520  | 0.05% | 0.005% | J |
| 47                                       | 6.153 | 6.145 | 6.191 | VV | 95   | 1491  | 0.03% | 0.003% |   |
| 48                                       | 6.242 | 6.191 | 6.275 | VV | 321  | 9758  | 0.16% | 0.017% |   |
| 49                                       | 6.291 | 6.275 | 6.351 | VV | 234  | 7025  | 0.11% | 0.012% |   |
| 50                                       | 6.373 | 6.351 | 6.411 | VV | 241  | 5386  | 0.09% | 0.009% |   |
| 51                                       | 6.468 | 6.411 | 6.495 | VV | 200  | 6692  | 0.11% | 0.012% |   |
| 52                                       | 6.549 | 6.495 | 6.614 | VV | 590  | 16200 | 0.27% | 0.028% |   |
| 53                                       | 6.638 | 6.614 | 6.648 | VV | 378  | 4735  | 0.08% | 0.008% |   |
| 54                                       | 6.656 | 6.648 | 6.719 | VV | 328  | 8051  | 0.13% | 0.014% |   |
| 55                                       | 6.726 | 6.719 | 6.768 | VV | 195  | 3639  | 0.06% | 0.006% |   |
| 56                                       | 6.779 | 6.768 | 6.786 | VV | 132  | 904   | 0.01% | 0.002% |   |
| 57                                       | 6.815 | 6.786 | 6.831 | VV | 198  | 2962  | 0.05% | 0.005% |   |
| 58                                       | 6.848 | 6.831 | 6.865 | VV | 113  | 1871  | 0.03% | 0.003% |   |
| 59                                       | 6.907 | 6.865 | 6.921 | VV | 141  | 3207  | 0.05% | 0.006% |   |
| 60                                       | 6.925 | 6.921 | 6.940 | VV | 138  | 1004  | 0.02% | 0.002% |   |
| 61                                       | 6.967 | 6.940 | 6.981 | VV | 123  | 2507  | 0.04% | 0.004% |   |
| 62                                       | 6.985 | 6.981 | 6.992 | VV | 130  | 545   | 0.01% | 0.001% |   |
| 63                                       | 6.998 | 6.992 | 7.024 | VV | 108  | 1331  | 0.02% | 0.002% |   |
| 64                                       | 7.048 | 7.024 | 7.094 | VV | 117  | 2736  | 0.04% | 0.005% |   |
| 65                                       | 7.138 | 7.094 | 7.192 | PV | 90   | 3917  | 0.06% | 0.007% |   |
| 66                                       | 7.217 | 7.192 | 7.259 | VV | 237  | 6485  | 0.11% | 0.011% |   |
| 67                                       | 7.279 | 7.259 | 7.311 | VV | 155  | 3626  | 0.06% | 0.006% |   |
| 68                                       | 7.349 | 7.311 | 7.361 | VV | 280  | 6102  | 0.10% | 0.011% |   |
| 69                                       | 7.379 | 7.361 | 7.427 | VV | 281  | 7219  | 0.12% | 0.013% |   |
| 70                                       | 7.449 | 7.427 | 7.477 | VV | 178  | 4195  | 0.07% | 0.007% |   |
| 71                                       | 7.505 | 7.477 | 7.529 | VV | 254  | 5563  | 0.09% | 0.010% |   |
| 72                                       | 7.554 | 7.529 | 7.570 | VV | 249  | 4643  | 0.08% | 0.008% |   |
| 73                                       | 7.603 | 7.570 | 7.661 | VV | 408  | 11593 | 0.19% | 0.020% |   |
| 74                                       | 7.666 | 7.661 | 7.680 | VV | 126  | 1088  | 0.02% | 0.002% |   |
| 75                                       | 7.691 | 7.680 | 7.705 | VV | 123  | 1202  | 0.02% | 0.002% |   |
| 76                                       | 7.740 | 7.705 | 7.760 | VV | 135  | 2531  | 0.04% | 0.004% |   |
| 77                                       | 7.775 | 7.760 | 7.796 | VV | 122  | 1684  | 0.03% | 0.003% |   |
| 78                                       | 7.805 | 7.796 | 7.837 | PV | 73   | 680   | 0.01% | 0.001% |   |
| 79                                       | 8.215 | 8.201 | 8.265 | VV | 1058 | 33809 | 0.55% | 0.059% |   |
| 80                                       | 8.274 | 8.265 | 8.288 | VV | 706  | 9447  | 0.15% | 0.017% |   |
| 81                                       | 8.304 | 8.288 | 8.332 | VV | 758  | 18302 | 0.30% | 0.032% |   |
| 82                                       | 8.341 | 8.332 | 8.368 | VV | 701  | 13899 | 0.23% | 0.024% |   |
| 83                                       | 8.394 | 8.368 | 8.415 | VV | 1069 | 22196 | 0.36% | 0.039% |   |
| 84                                       | 8.424 | 8.415 | 8.446 | VV | 711  | 11527 | 0.19% | 0.020% |   |
| 85                                       | 8.487 | 8.446 | 8.581 | VV | 1113 | 50389 | 0.82% | 0.089% |   |
| 86                                       | 8.637 | 8.581 | 8.693 | VV | 663  | 26788 | 0.44% | 0.047% |   |
| 87                                       | 8.717 | 8.693 | 8.756 | VV | 411  | 10490 | 0.17% | 0.018% |   |
| 88                                       | 9.148 | 9.134 | 9.164 | VV | 1099 | 18413 | 0.30% | 0.032% |   |
| 89                                       | 9.173 | 9.164 | 9.193 | VV | 1083 | 16850 | 0.28% | 0.030% |   |

|                                         |        |        |        |    |        |         |                                          |         |   |
|-----------------------------------------|--------|--------|--------|----|--------|---------|------------------------------------------|---------|---|
| Instrument : FID_E                      |        |        |        |    |        |         |                                          |         |   |
| ClientSampleId : RES-BUILDING-PAD-NO-11 |        |        |        |    |        |         |                                          |         |   |
| 90                                      | 9.227  | 9.193  | 9.280  | VV | 1272   | 46894   | 0.77%                                    | 0.082%  | A |
| 91                                      | 9.313  | 9.280  | 9.349  | VV | 1399   | 36462   | Manual IntegrationsAPPROVED              |         |   |
| 92                                      | 9.358  | 9.349  | 9.373  | VV | 529    | 7157    |                                          |         |   |
| 93                                      | 9.383  | 9.373  | 9.431  | VV | 496    | 13929   | Reviewed By :Yogesh Patel 11/04/2024     |         |   |
| 94                                      | 9.445  | 9.431  | 9.477  | VV | 331    | 7813    | Supervised By :Ankita Jodhani 11/04/2024 |         |   |
| 95                                      | 9.489  | 9.477  | 9.511  | VV | 296    | 5882    |                                          |         |   |
| 96                                      | 9.513  | 9.511  | 9.538  | VV | 296    | 3515    | 0.06%                                    | 0.006%  | E |
| 97                                      | 9.544  | 9.538  | 9.591  | VV | 234    | 4914    | 0.08%                                    | 0.009%  | F |
| 98                                      | 9.613  | 9.591  | 9.638  | VV | 246    | 5103    | 0.08%                                    | 0.009%  |   |
| 99                                      | 9.697  | 9.638  | 9.741  | VV | 699    | 25492   | 0.42%                                    | 0.045%  | G |
| 100                                     | 9.768  | 9.741  | 9.803  | VV | 422    | 11519   | 0.19%                                    | 0.020%  | H |
| 101                                     | 9.816  | 9.803  | 9.831  | VV | 219    | 3168    | 0.05%                                    | 0.006%  | I |
| 102                                     | 9.841  | 9.831  | 9.851  | VV | 255    | 2311    | 0.04%                                    | 0.004%  |   |
| 103                                     | 9.863  | 9.851  | 9.909  | VV | 263    | 4867    | 0.08%                                    | 0.009%  | J |
| 104                                     | 9.930  | 9.909  | 9.942  | VV | 388    | 4464    | 0.07%                                    | 0.008%  |   |
| 105                                     | 9.981  | 9.942  | 10.068 | VV | 13678  | 299146  | 4.89%                                    | 0.526%  |   |
| 106                                     | 10.090 | 10.068 | 10.200 | VV | 1923   | 60800   | 0.99%                                    | 0.107%  |   |
| 107                                     | 10.208 | 10.200 | 10.241 | VV | 387    | 6204    | 0.10%                                    | 0.011%  |   |
| 108                                     | 10.246 | 10.241 | 10.257 | VV | 240    | 1935    | 0.03%                                    | 0.003%  |   |
| 109                                     | 10.281 | 10.257 | 10.306 | VV | 310    | 6466    | 0.11%                                    | 0.011%  |   |
| 110                                     | 10.319 | 10.306 | 10.394 | VV | 167    | 4767    | 0.08%                                    | 0.008%  |   |
| 111                                     | 10.443 | 10.394 | 10.454 | PV | 412    | 7649    | 0.13%                                    | 0.013%  |   |
| 112                                     | 10.478 | 10.454 | 10.519 | VV | 635    | 13173   | 0.22%                                    | 0.023%  |   |
| 113                                     | 10.571 | 10.519 | 10.604 | VV | 303    | 9916    | 0.16%                                    | 0.017%  |   |
| 114                                     | 10.620 | 10.604 | 10.656 | VV | 356    | 4885    | 0.08%                                    | 0.009%  |   |
| 115                                     | 10.718 | 10.656 | 10.727 | PV | 239    | 4154    | 0.07%                                    | 0.007%  |   |
| 116                                     | 10.751 | 10.727 | 10.780 | VV | 484    | 9401    | 0.15%                                    | 0.017%  |   |
| 117                                     | 10.828 | 10.780 | 10.874 | VV | 1452   | 26409   | 0.43%                                    | 0.046%  |   |
| 118                                     | 10.900 | 10.874 | 10.923 | VV | 979    | 15141   | 0.25%                                    | 0.027%  |   |
| 119                                     | 10.935 | 10.923 | 10.990 | VV | 265    | 7121    | 0.12%                                    | 0.013%  |   |
| 120                                     | 11.050 | 10.990 | 11.089 | PV | 457    | 9092    | 0.15%                                    | 0.016%  |   |
| 121                                     | 11.128 | 11.089 | 11.188 | VV | 1346   | 42389   | 0.69%                                    | 0.075%  |   |
| 122                                     | 11.211 | 11.188 | 11.266 | VV | 726    | 23968   | 0.39%                                    | 0.042%  |   |
| 123                                     | 11.277 | 11.266 | 11.298 | VV | 317    | 5221    | 0.09%                                    | 0.009%  |   |
| 124                                     | 11.300 | 11.298 | 11.353 | VV | 279    | 6125    | 0.10%                                    | 0.011%  |   |
| 125                                     | 11.367 | 11.353 | 11.392 | VV | 138    | 2112    | 0.03%                                    | 0.004%  |   |
| 126                                     | 11.423 | 11.392 | 11.441 | PV | 207    | 4060    | 0.07%                                    | 0.007%  |   |
| 127                                     | 11.463 | 11.441 | 11.491 | VV | 1324   | 18915   | 0.31%                                    | 0.033%  |   |
| 128                                     | 11.531 | 11.491 | 11.583 | VV | 2323   | 39366   | 0.64%                                    | 0.069%  |   |
| 129                                     | 11.621 | 11.583 | 11.666 | VV | 1226   | 22273   | 0.36%                                    | 0.039%  |   |
| 130                                     | 11.694 | 11.666 | 11.714 | VV | 207    | 2609    | 0.04%                                    | 0.005%  |   |
| 131                                     | 11.730 | 11.714 | 11.758 | VV | 323    | 3125    | 0.05%                                    | 0.005%  |   |
| 132                                     | 11.773 | 11.758 | 11.788 | PV | 238    | 2283    | 0.04%                                    | 0.004%  |   |
| 133                                     | 11.853 | 11.788 | 11.981 | PV | 563142 | 6112357 | 100.00%                                  | 10.750% |   |
| 134                                     | 11.987 | 11.981 | 12.004 | VV | 694    | 7927    | 0.13%                                    | 0.014%  |   |
| 135                                     | 12.022 | 12.004 | 12.045 | VV | 814    | 14299   | 0.23%                                    | 0.025%  |   |
| 136                                     | 12.054 | 12.045 | 12.074 | VV | 501    | 6029    | 0.10%                                    | 0.011%  |   |
| 137                                     | 12.091 | 12.074 | 12.118 | VV | 418    | 7616    | 0.12%                                    | 0.013%  |   |
| 138                                     | 12.137 | 12.118 | 12.158 | VV | 548    | 6667    | 0.11%                                    | 0.012%  |   |
| 139                                     | 12.200 | 12.158 | 12.251 | VV | 1419   | 25427   | 0.42%                                    | 0.045%  |   |
| 140                                     | 12.264 | 12.251 | 12.277 | VV | 172    | 2080    | 0.03%                                    | 0.004%  |   |
| 141                                     | 12.308 | 12.277 | 12.376 | PV | 627    | 17588   | 0.29%                                    | 0.031%  |   |

|                                          |        |        |        |    |        |         |        |        |   |
|------------------------------------------|--------|--------|--------|----|--------|---------|--------|--------|---|
| Instrument : FID_E                       |        |        |        |    |        |         |        |        |   |
| ClientSampleId : RES-BUILDING-PAD-NO-11  |        |        |        |    |        |         |        |        |   |
| Manual IntegrationsAPPROVED              |        |        |        |    |        |         |        |        |   |
| Reviewed By :Yogesh Patel 11/04/2024     |        |        |        |    |        |         |        |        |   |
| Supervised By :Ankita Jodhani 11/04/2024 |        |        |        |    |        |         |        |        |   |
| 142                                      | 12.406 | 12.376 | 12.434 | PV | 380    | 7164    | 0.12%  | 0.013% | A |
| 143                                      | 12.458 | 12.434 | 12.620 | VV | 45384  | 639379  | 10.00% | 0.000% | B |
| 144                                      | 12.641 | 12.620 | 12.679 | VV | 922    | 24335   | 0.00%  | 0.000% | C |
| 145                                      | 12.699 | 12.679 | 12.744 | VV | 377    | 10594   | 0.00%  | 0.000% | D |
| 146                                      | 12.774 | 12.744 | 12.788 | VV | 583    | 10744   | 0.00%  | 0.000% | E |
| 147                                      | 12.807 | 12.788 | 12.817 | VV | 683    | 10848   | 0.00%  | 0.000% | F |
| 148                                      | 12.838 | 12.817 | 12.886 | VV | 2156   | 36206   | 0.59%  | 0.064% | G |
| 149                                      | 12.927 | 12.886 | 13.004 | VV | 3926   | 87191   | 1.43%  | 0.153% | H |
| 150                                      | 13.027 | 13.004 | 13.068 | VV | 164    | 3722    | 0.06%  | 0.007% | I |
| 151                                      | 13.100 | 13.068 | 13.146 | VV | 548    | 13983   | 0.23%  | 0.025% | J |
| 152                                      | 13.163 | 13.146 | 13.174 | VV | 260    | 2985    | 0.05%  | 0.005% |   |
| 153                                      | 13.225 | 13.174 | 13.254 | PV | 3422   | 62645   | 1.02%  | 0.110% |   |
| 154                                      | 13.286 | 13.254 | 13.381 | VV | 379326 | 4617742 | 75.55% | 8.122% |   |
| 155                                      | 13.392 | 13.381 | 13.424 | VV | 1014   | 19357   | 0.32%  | 0.034% |   |
| 156                                      | 13.449 | 13.424 | 13.469 | VV | 1993   | 30438   | 0.50%  | 0.054% |   |
| 157                                      | 13.515 | 13.469 | 13.555 | VV | 1163   | 52919   | 0.87%  | 0.093% |   |
| 158                                      | 13.565 | 13.555 | 13.594 | VV | 857    | 16994   | 0.28%  | 0.030% |   |
| 159                                      | 13.608 | 13.594 | 13.647 | VV | 533    | 10917   | 0.18%  | 0.019% |   |
| 160                                      | 13.687 | 13.647 | 13.776 | VV | 7107   | 133464  | 2.18%  | 0.235% |   |
| 161                                      | 13.828 | 13.776 | 13.855 | VV | 729    | 22589   | 0.37%  | 0.040% |   |
| 162                                      | 13.874 | 13.855 | 13.907 | VV | 455    | 9668    | 0.16%  | 0.017% |   |
| 163                                      | 13.987 | 13.907 | 14.011 | VV | 1186   | 32118   | 0.53%  | 0.056% |   |
| 164                                      | 14.034 | 14.011 | 14.074 | VV | 4136   | 63959   | 1.05%  | 0.112% |   |
| 165                                      | 14.091 | 14.074 | 14.118 | VV | 1176   | 18374   | 0.30%  | 0.032% |   |
| 166                                      | 14.151 | 14.118 | 14.208 | VV | 401    | 13095   | 0.21%  | 0.023% |   |
| 167                                      | 14.266 | 14.208 | 14.290 | PV | 491    | 13324   | 0.22%  | 0.023% |   |
| 168                                      | 14.302 | 14.290 | 14.344 | VV | 281    | 4657    | 0.08%  | 0.008% |   |
| 169                                      | 14.362 | 14.344 | 14.381 | PV | 201    | 2461    | 0.04%  | 0.004% |   |
| 170                                      | 14.439 | 14.381 | 14.456 | PV | 1286   | 25829   | 0.42%  | 0.045% |   |
| 171                                      | 14.471 | 14.456 | 14.498 | VV | 1371   | 20140   | 0.33%  | 0.035% |   |
| 172                                      | 14.543 | 14.498 | 14.568 | VV | 841    | 18746   | 0.31%  | 0.033% |   |
| 173                                      | 14.595 | 14.568 | 14.623 | VV | 2690   | 36362   | 0.59%  | 0.064% |   |
| 174                                      | 14.658 | 14.623 | 14.684 | VV | 1253   | 25599   | 0.42%  | 0.045% |   |
| 175                                      | 14.707 | 14.684 | 14.732 | VV | 595    | 11913   | 0.19%  | 0.021% |   |
| 176                                      | 14.760 | 14.732 | 14.772 | VV | 375    | 7158    | 0.12%  | 0.013% |   |
| 177                                      | 14.800 | 14.772 | 14.823 | VV | 686    | 14525   | 0.24%  | 0.026% |   |
| 178                                      | 14.843 | 14.823 | 14.864 | VV | 620    | 10946   | 0.18%  | 0.019% |   |
| 179                                      | 14.878 | 14.864 | 14.908 | VV | 350    | 6561    | 0.11%  | 0.012% |   |
| 180                                      | 14.922 | 14.908 | 14.930 | VV | 137    | 1477    | 0.02%  | 0.003% |   |
| 181                                      | 14.947 | 14.930 | 14.957 | VV | 242    | 2979    | 0.05%  | 0.005% |   |
| 182                                      | 14.990 | 14.957 | 15.008 | VV | 633    | 11207   | 0.18%  | 0.020% |   |
| 183                                      | 15.022 | 15.008 | 15.038 | VV | 209    | 3068    | 0.05%  | 0.005% |   |
| 184                                      | 15.135 | 15.038 | 15.168 | PV | 4603   | 115072  | 1.88%  | 0.202% |   |
| 185                                      | 15.184 | 15.168 | 15.250 | VV | 2519   | 52129   | 0.85%  | 0.092% |   |
| 186                                      | 15.267 | 15.250 | 15.303 | VV | 742    | 12570   | 0.21%  | 0.022% |   |
| 187                                      | 15.331 | 15.303 | 15.353 | VV | 477    | 7442    | 0.12%  | 0.013% |   |
| 188                                      | 15.519 | 15.353 | 15.594 | PV | 17710  | 341236  | 5.58%  | 0.600% |   |
| 189                                      | 15.611 | 15.594 | 15.628 | VV | 610    | 10678   | 0.17%  | 0.019% |   |
| 190                                      | 15.654 | 15.628 | 15.693 | VV | 3501   | 57941   | 0.95%  | 0.102% |   |
| 191                                      | 15.725 | 15.693 | 15.763 | VV | 8086   | 116473  | 1.91%  | 0.205% |   |
| 192                                      | 15.786 | 15.763 | 15.811 | VV | 881    | 13778   | 0.23%  | 0.024% |   |
| 193                                      | 15.838 | 15.811 | 15.854 | VV | 368    | 4357    | 0.07%  | 0.008% |   |
| 194                                      | 15.878 | 15.854 | 15.898 | PV | 383    | 6467    | 0.11%  | 0.011% |   |

|     |        |        |        |    |       |        | Instrument :<br>FID_E                                                            |        | A |
|-----|--------|--------|--------|----|-------|--------|----------------------------------------------------------------------------------|--------|---|
|     |        |        |        |    |       |        | ClientSampleId :<br>RES-BUILDING-PAD-NO-11                                       |        |   |
| 195 | 15.969 | 15.898 | 16.010 | VV | 802   | 38304  | 0.63%                                                                            | 0.067% |   |
|     |        |        |        |    |       |        | Manual IntegrationsAPPROVED                                                      |        | B |
| 196 | 16.046 | 16.010 | 16.095 | VV | 1014  | 34957  | 0.63%                                                                            | 0.067% |   |
| 197 | 16.120 | 16.095 | 16.130 | VV | 1220  | 18172  | 0.63%                                                                            | 0.067% |   |
| 198 | 16.155 | 16.130 | 16.184 | VV | 4747  | 71855  | 1.63%                                                                            | 0.167% | C |
| 199 | 16.222 | 16.184 | 16.263 | VV | 1160  | 33303  | 0.63%                                                                            | 0.067% |   |
| 200 | 16.286 | 16.263 | 16.311 | VV | 367   | 5947   | 0.63%                                                                            | 0.067% | D |
|     |        |        |        |    |       |        | Reviewed By :Yogesh Patel 11/04/2024<br>Supervised By :Ankita Jodhani 11/04/2024 |        |   |
| 201 | 16.357 | 16.311 | 16.369 | PV | 670   | 16569  | 0.27%                                                                            | 0.029% | E |
| 202 | 16.375 | 16.369 | 16.399 | VV | 368   | 3861   | 0.06%                                                                            | 0.007% |   |
| 203 | 16.536 | 16.399 | 16.574 | PV | 3504  | 86594  | 1.42%                                                                            | 0.152% | F |
| 204 | 16.636 | 16.574 | 16.658 | VV | 3427  | 60915  | 1.00%                                                                            | 0.107% |   |
| 205 | 16.679 | 16.658 | 16.689 | VV | 2016  | 26619  | 0.44%                                                                            | 0.047% | G |
|     |        |        |        |    |       |        |                                                                                  |        |   |
| 206 | 16.711 | 16.689 | 16.748 | VV | 3825  | 69071  | 1.13%                                                                            | 0.121% | H |
| 207 | 16.804 | 16.748 | 16.815 | VV | 880   | 20858  | 0.34%                                                                            | 0.037% |   |
| 208 | 16.845 | 16.815 | 16.879 | VV | 843   | 21775  | 0.36%                                                                            | 0.038% | I |
| 209 | 16.994 | 16.879 | 17.034 | PV | 1617  | 45611  | 0.75%                                                                            | 0.080% |   |
| 210 | 17.104 | 17.034 | 17.130 | VV | 8534  | 166416 | 2.72%                                                                            | 0.293% | J |
|     |        |        |        |    |       |        |                                                                                  |        |   |
| 211 | 17.151 | 17.130 | 17.168 | VV | 4428  | 67073  | 1.10%                                                                            | 0.118% |   |
| 212 | 17.185 | 17.168 | 17.234 | VV | 4041  | 64065  | 1.05%                                                                            | 0.113% |   |
| 213 | 17.344 | 17.234 | 17.362 | PV | 1386  | 44824  | 0.73%                                                                            | 0.079% |   |
| 214 | 17.435 | 17.362 | 17.454 | VV | 2104  | 63327  | 1.04%                                                                            | 0.111% |   |
| 215 | 17.485 | 17.454 | 17.501 | VV | 4391  | 95584  | 1.56%                                                                            | 0.168% |   |
|     |        |        |        |    |       |        |                                                                                  |        |   |
| 216 | 17.513 | 17.501 | 17.527 | VV | 3084  | 43296  | 0.71%                                                                            | 0.076% |   |
| 217 | 17.553 | 17.527 | 17.601 | VV | 8779  | 171966 | 2.81%                                                                            | 0.302% |   |
| 218 | 17.629 | 17.601 | 17.644 | VV | 2285  | 46385  | 0.76%                                                                            | 0.082% |   |
| 219 | 17.664 | 17.644 | 17.687 | VV | 2562  | 50183  | 0.82%                                                                            | 0.088% |   |
| 220 | 17.722 | 17.687 | 17.733 | VV | 1692  | 35963  | 0.59%                                                                            | 0.063% |   |
|     |        |        |        |    |       |        |                                                                                  |        |   |
| 221 | 17.747 | 17.733 | 17.775 | VV | 1333  | 26693  | 0.44%                                                                            | 0.047% |   |
| 222 | 17.783 | 17.775 | 17.798 | VV | 801   | 5651   | 0.09%                                                                            | 0.010% |   |
| 223 | 17.839 | 17.798 | 17.851 | PV | 1137  | 23815  | 0.39%                                                                            | 0.042% |   |
| 224 | 17.883 | 17.851 | 17.898 | VV | 1803  | 35179  | 0.58%                                                                            | 0.062% |   |
| 225 | 17.989 | 17.898 | 18.023 | VV | 10275 | 267189 | 4.37%                                                                            | 0.470% |   |
|     |        |        |        |    |       |        |                                                                                  |        |   |
| 226 | 18.036 | 18.023 | 18.044 | VV | 1869  | 21649  | 0.35%                                                                            | 0.038% |   |
| 227 | 18.082 | 18.044 | 18.103 | VV | 6050  | 125394 | 2.05%                                                                            | 0.221% |   |
| 228 | 18.128 | 18.103 | 18.188 | VV | 7521  | 225088 | 3.68%                                                                            | 0.396% |   |
| 229 | 18.223 | 18.188 | 18.238 | VV | 3433  | 91087  | 1.49%                                                                            | 0.160% |   |
| 230 | 18.311 | 18.238 | 18.327 | VV | 6812  | 215313 | 3.52%                                                                            | 0.379% |   |
|     |        |        |        |    |       |        |                                                                                  |        |   |
| 231 | 18.357 | 18.327 | 18.387 | VV | 10407 | 274181 | 4.49%                                                                            | 0.482% |   |
| 232 | 18.413 | 18.387 | 18.448 | VV | 12865 | 280721 | 4.59%                                                                            | 0.494% |   |
| 233 | 18.497 | 18.448 | 18.554 | VV | 8902  | 382691 | 6.26%                                                                            | 0.673% |   |
| 234 | 18.574 | 18.554 | 18.591 | VV | 4195  | 84369  | 1.38%                                                                            | 0.148% |   |
| 235 | 18.696 | 18.591 | 18.761 | VV | 7545  | 541439 | 8.86%                                                                            | 0.952% |   |
|     |        |        |        |    |       |        |                                                                                  |        |   |
| 236 | 18.819 | 18.761 | 18.852 | VV | 14358 | 459621 | 7.52%                                                                            | 0.808% |   |
| 237 | 18.922 | 18.852 | 18.944 | VV | 12482 | 447316 | 7.32%                                                                            | 0.787% |   |
| 238 | 18.968 | 18.944 | 19.007 | VV | 9492  | 316833 | 5.18%                                                                            | 0.557% |   |
| 239 | 19.020 | 19.007 | 19.034 | VV | 7777  | 118951 | 1.95%                                                                            | 0.209% |   |
| 240 | 19.098 | 19.034 | 19.108 | VV | 8671  | 344410 | 5.63%                                                                            | 0.606% |   |
|     |        |        |        |    |       |        |                                                                                  |        |   |
| 241 | 19.143 | 19.108 | 19.153 | VV | 8388  | 223090 | 3.65%                                                                            | 0.392% |   |
| 242 | 19.221 | 19.153 | 19.276 | VV | 16022 | 884892 | 14.48%                                                                           | 1.556% |   |
| 243 | 19.319 | 19.276 | 19.337 | VV | 12734 | 411111 | 6.73%                                                                            | 0.723% |   |
| 244 | 19.349 | 19.337 | 19.358 | VV | 12056 | 145719 | 2.38%                                                                            | 0.256% |   |
| 245 | 19.373 | 19.358 | 19.411 | VV | 12458 | 373661 | 6.11%                                                                            | 0.657% |   |
|     |        |        |        |    |       |        |                                                                                  |        |   |
| 246 | 19.422 | 19.411 | 19.432 | VV | 12314 | 149545 | 2.45%                                                                            | 0.263% |   |

| Instrument :<br>FID_E<br>ClientSampleId :<br>RES-BUILDING-PAD-NO-11              |        |        |        |    |       |          |        |        |  |
|----------------------------------------------------------------------------------|--------|--------|--------|----|-------|----------|--------|--------|--|
| Manual IntegrationsAPPROVED                                                      |        |        |        |    |       |          |        |        |  |
| Reviewed By :Yogesh Patel 11/04/2024<br>Supervised By :Ankita Jodhani 11/04/2024 |        |        |        |    |       |          |        |        |  |
| rteres                                                                           |        |        |        |    |       |          |        |        |  |
| 247                                                                              | 19.437 | 19.432 | 19.454 | VV | 11583 | 149583   | 2.45%  | 0.263% |  |
| 248                                                                              | 19.471 | 19.454 | 19.488 | VV | 11160 | 219354   |        |        |  |
| 249                                                                              | 19.526 | 19.488 | 19.541 | VV | 12885 | 366259   |        |        |  |
| 250                                                                              | 19.617 | 19.541 | 19.651 | VV | 17060 | 946667   | 15.82% | 0.263% |  |
| 251                                                                              | 19.676 | 19.651 | 19.694 | VV | 16781 | 385424   | 6.42%  | 0.368% |  |
| 252                                                                              | 19.716 | 19.694 | 19.742 | VV | 17009 | 435739   | 7.79%  | 0.514% |  |
| 253                                                                              | 19.753 | 19.742 | 19.769 | VV | 13226 | 209028   | 3.42%  | 0.368% |  |
| 254                                                                              | 19.792 | 19.769 | 19.804 | VV | 14659 | 292510   | 4.79%  | 0.514% |  |
| 255                                                                              | 19.892 | 19.804 | 19.915 | VV | 19178 | 1089180  | 17.82% | 1.916% |  |
| 256                                                                              | 19.952 | 19.915 | 20.001 | VV | 26195 | 1136251  | 18.59% | 1.998% |  |
| 257                                                                              | 20.015 | 20.001 | 20.061 | VV | 20874 | 694697   | 11.37% | 1.222% |  |
| 258                                                                              | 20.163 | 20.061 | 20.176 | VV | 23744 | 1412825  | 23.11% | 2.485% |  |
| 259                                                                              | 20.248 | 20.176 | 20.269 | VV | 27327 | 1376321  | 22.52% | 2.421% |  |
| 260                                                                              | 20.349 | 20.269 | 20.373 | VV | 29733 | 1638946  | 26.81% | 2.883% |  |
| 261                                                                              | 20.407 | 20.373 | 20.457 | VV | 29590 | 1411402  | 23.09% | 2.482% |  |
| 262                                                                              | 20.507 | 20.457 | 20.524 | VV | 31179 | 1122995  | 18.37% | 1.975% |  |
| 263                                                                              | 20.549 | 20.524 | 20.557 | VV | 28741 | 561876   | 9.19%  | 0.988% |  |
| 264                                                                              | 20.622 | 20.557 | 20.631 | VV | 33441 | 1362719  | 22.29% | 2.397% |  |
| 265                                                                              | 20.646 | 20.631 | 20.674 | VV | 33661 | 855472   | 14.00% | 1.505% |  |
| 266                                                                              | 20.702 | 20.674 | 20.726 | VV | 33569 | 1003027  | 16.41% | 1.764% |  |
| 267                                                                              | 20.738 | 20.726 | 20.763 | VV | 31918 | 688285   | 11.26% | 1.211% |  |
| 268                                                                              | 20.883 | 20.763 | 21.008 | VV | 33673 | 4505548  | 73.71% | 7.924% |  |
| 269                                                                              | 21.027 | 21.008 | 21.036 | VV | 25093 | 413804   | 6.77%  | 0.728% |  |
| 270                                                                              | 21.116 | 21.036 | 21.185 | VV | 30096 | 2505462  | 40.99% | 4.407% |  |
| 271                                                                              | 21.194 | 21.185 | 21.211 | VV | 26490 | 399131   | 6.53%  | 0.702% |  |
| 272                                                                              | 21.229 | 21.211 | 21.245 | VV | 26549 | 526457   | 8.61%  | 0.926% |  |
| 273                                                                              | 21.272 | 21.245 | 21.361 | VV | 26161 | 1612500  | 26.38% | 2.836% |  |
| 274                                                                              | 21.431 | 21.361 | 21.446 | VV | 22699 | 1096456  | 17.94% | 1.928% |  |
| 275                                                                              | 21.462 | 21.446 | 21.558 | VV | 22880 | 1319765  | 21.59% | 2.321% |  |
| 276                                                                              | 21.605 | 21.558 | 21.678 | VV | 17594 | 1159425  | 18.97% | 2.039% |  |
| 277                                                                              | 21.789 | 21.678 | 21.920 | VV | 15915 | 1969070  | 32.21% | 3.463% |  |
| 278                                                                              | 21.939 | 21.920 | 22.016 | VV | 10715 | 492842   | 8.06%  | 0.867% |  |
| 279                                                                              | 22.126 | 22.016 | 22.158 | VV | 8970  | 650303   | 10.64% | 1.144% |  |
| 280                                                                              | 22.168 | 22.158 | 22.317 | VV | 8058  | 425720   | 6.96%  | 0.749% |  |
| 281                                                                              | 22.327 | 22.317 | 22.340 | VV | 1277  | 10164    | 0.17%  | 0.018% |  |
| 282                                                                              | 22.357 | 22.340 | 22.380 | VV | 321   | 1662     | 0.03%  | 0.003% |  |
| Sum of corrected areas:                                                          |        |        |        |    |       | 56857249 |        |        |  |

Aliphatic EPH 100824.M Mon Nov 04 04:39:31 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE110124AL\  
 Data File : FE050987.D  
 Signal(s) : FID1B.ch  
 Acq On : 02 Nov 2024 03:37  
 Operator : YP\AJ  
 Sample : P4663-06  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 RES-BUILDING-PAD-NO-3

### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/04/2024  
 Supervised By :Ankita Jodhani 11/04/2024

Integration File: sample.E  
 Quant Time: Nov 04 03:12:58 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 100824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 07 16:32:18 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response | Conc Units    |
|--------------------------------|--------|----------|---------------|
| -----                          |        |          |               |
| System Monitoring Compounds    |        |          |               |
| 9) S ortho-Terphenyl (SURR)    | 11.854 | 7023173  | 44.548 ug/mlm |
| Spiked Amount                  | 50.000 | Recovery | = 89.10%      |
| 12) S 1-chlorooctadecane (S... | 13.286 | 5294133  | 44.754 ug/mlm |
| Spiked Amount                  | 50.000 | Recovery | = 89.51%      |

Target Compounds

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE110124AL\  
Data File : FE050987.D  
Signal(s) : FID1B.ch  
Acq On : 02 Nov 2024 03:37  
Operator : YP\AJ  
Sample : P4663-06  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

## Instrument :

FID\_E

## ClientSampleId :

RES-BUILDING-PAD-NO-3

## Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :Ankita Jodhani 11/04/2024

Integration File: sample.E

Quant Time: Nov 04 03:12:58 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 100824.

Quant Title : GC Extractables

QLast Update : Mon Oct 07 16:32:18 2024

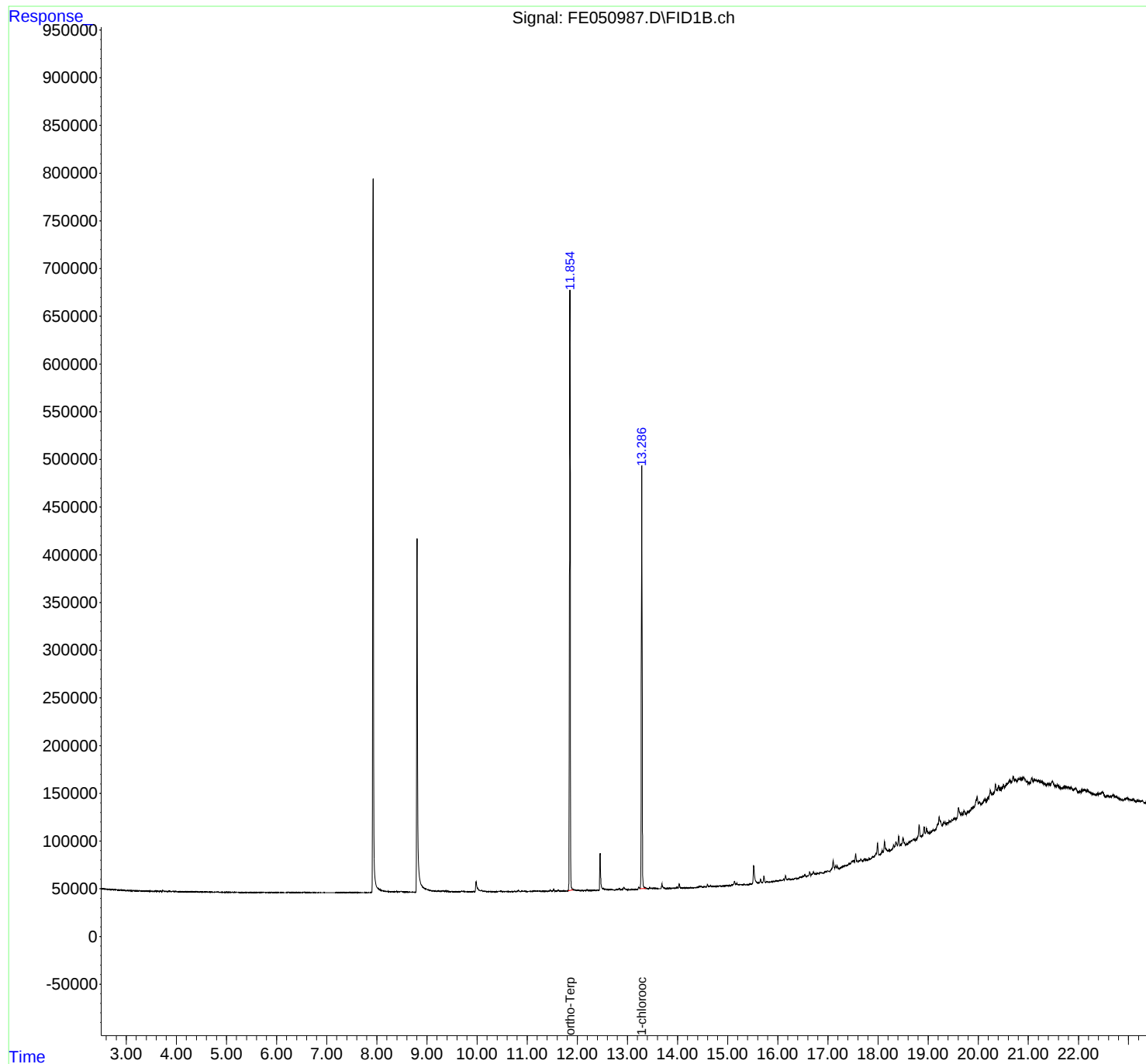
Response via : Initial Calibration

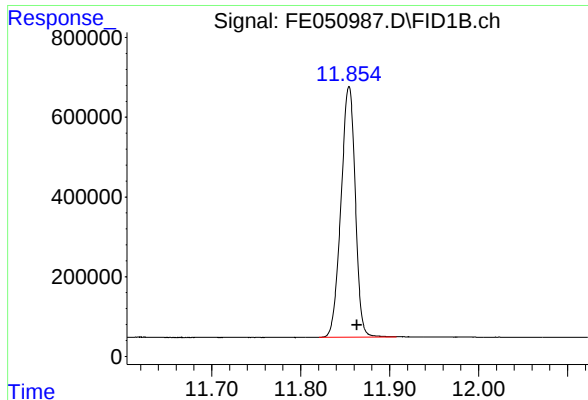
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





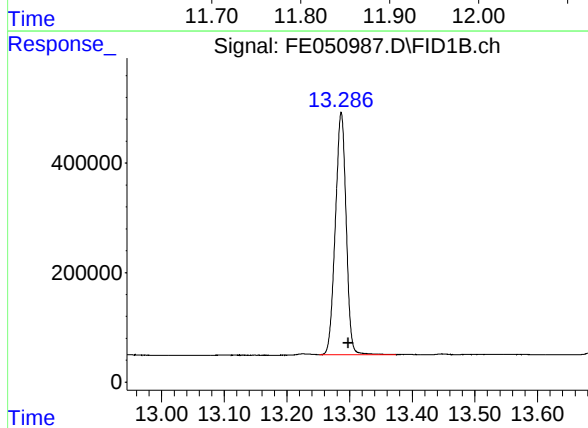
#9 ortho-Terphenyl (SURR)

R.T.: 11.854 min  
Delta R.T.: -0.009 min  
Response: 7023173  
Conc: 44.55 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
RES-BUILDING-PAD-NO-3

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :Ankita Jodhani 11/04/2024



#12 1-chlorooctadecane (SURR)

R.T.: 13.286 min  
Delta R.T.: -0.012 min  
Response: 5294133  
Conc: 44.75 ug/ml m

Instrument :

FID\_E

ClientSampleId :

RES-BUILDING-PAD-NO-3

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :Ankita Jodhani 11/04/2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE11012  
 Data File : FE050987.D  
 Signal(s) : FID1B.ch  
 Acq On : 02 Nov 2024 03:37  
 Sample : P4663-06  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 100824.M  
 Title : GC Extractables

Signal : FID1B.ch

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 3.240       | 3.205        | 3.289      | BV       | 149            | 2607         | 0.04%          | 0.002%        |
| 2         | 3.301       | 3.289        | 3.341      | PV       | 134            | 1610         | 0.02%          | 0.001%        |
| 3         | 3.362       | 3.341        | 3.418      | VV       | 214            | 4997         | 0.07%          | 0.003%        |
| 4         | 3.429       | 3.418        | 3.485      | VV       | 177            | 4218         | 0.06%          | 0.003%        |
| 5         | 3.492       | 3.485        | 3.521      | VV       | 78             | 1102         | 0.02%          | 0.001%        |
| 6         | 3.533       | 3.521        | 3.562      | VV       | 92             | 1894         | 0.03%          | 0.001%        |
| 7         | 3.573       | 3.562        | 3.619      | VV       | 187            | 3791         | 0.05%          | 0.002%        |
| 8         | 3.631       | 3.619        | 3.659      | VV       | 129            | 2097         | 0.03%          | 0.001%        |
| 9         | 3.688       | 3.659        | 3.707      | PV       | 233            | 4136         | 0.06%          | 0.003%        |
| 10        | 3.729       | 3.707        | 3.822      | VV       | 1275           | 23310        | 0.33%          | 0.014%        |
| 11        | 3.850       | 3.822        | 3.907      | PV       | 679            | 13501        | 0.19%          | 0.008%        |
| 12        | 3.926       | 3.907        | 3.983      | VV       | 287            | 6469         | 0.09%          | 0.004%        |
| 13        | 3.991       | 3.983        | 4.103      | VV       | 127            | 2089         | 0.03%          | 0.001%        |
| 14        | 4.112       | 4.103        | 4.128      | VV       | 82             | 517          | 0.01%          | 0.000%        |
| 15        | 4.134       | 4.128        | 4.178      | PV       | 57             | 994          | 0.01%          | 0.001%        |
| 16        | 4.195       | 4.178        | 4.206      | VV       | 115            | 1078         | 0.02%          | 0.001%        |
| 17        | 4.225       | 4.206        | 4.231      | VV       | 85             | 1127         | 0.02%          | 0.001%        |
| 18        | 4.239       | 4.231        | 4.255      | VV       | 152            | 1447         | 0.02%          | 0.001%        |
| 19        | 4.259       | 4.255        | 4.291      | VV       | 141            | 2863         | 0.04%          | 0.002%        |
| 20        | 4.314       | 4.291        | 4.332      | VV       | 204            | 4068         | 0.06%          | 0.002%        |
| 21        | 4.355       | 4.332        | 4.375      | VV       | 325            | 4850         | 0.07%          | 0.003%        |
| 22        | 4.383       | 4.375        | 4.406      | VV       | 167            | 2260         | 0.03%          | 0.001%        |
| 23        | 4.423       | 4.406        | 4.469      | VV       | 238            | 4228         | 0.06%          | 0.003%        |
| 24        | 4.494       | 4.469        | 4.518      | VV       | 249            | 4313         | 0.06%          | 0.003%        |
| 25        | 4.525       | 4.518        | 4.569      | VV       | 150            | 3691         | 0.05%          | 0.002%        |
| 26        | 4.577       | 4.569        | 4.597      | VV       | 145            | 1724         | 0.02%          | 0.001%        |
| 27        | 4.606       | 4.597        | 4.629      | VV       | 210            | 2334         | 0.03%          | 0.001%        |
| 28        | 4.669       | 4.629        | 4.725      | PV       | 260            | 7107         | 0.10%          | 0.004%        |
| 29        | 4.736       | 4.725        | 4.765      | VV       | 119            | 1898         | 0.03%          | 0.001%        |
| 30        | 4.780       | 4.765        | 4.831      | VV       | 165            | 5082         | 0.07%          | 0.003%        |
| 31        | 4.844       | 4.831        | 4.882      | VV       | 172            | 3828         | 0.05%          | 0.002%        |
| 32        | 4.893       | 4.882        | 4.904      | VV       | 125            | 1490         | 0.02%          | 0.001%        |
| 33        | 4.914       | 4.904        | 4.923      | VV       | 147            | 1258         | 0.02%          | 0.001%        |
| 34        | 4.938       | 4.923        | 4.991      | VV       | 191            | 5042         | 0.07%          | 0.003%        |
| 35        | 5.000       | 4.991        | 5.012      | VV       | 155            | 1296         | 0.02%          | 0.001%        |
| 36        | 5.021       | 5.012        | 5.061      | VV       | 116            | 2901         | 0.04%          | 0.002%        |

| Instrument : FID_E                       |       |       |       |    |           |       |        |        |         |
|------------------------------------------|-------|-------|-------|----|-----------|-------|--------|--------|---------|
| ClientSampleId : RES-BUILDING-PAD-NO-3   |       |       |       |    |           |       |        |        |         |
| Manual IntegrationsAPPROVED              |       |       |       |    |           |       |        |        |         |
| Reviewed By :Yogesh Patel 11/04/2024     |       |       |       |    |           |       |        |        |         |
| Supervised By :Ankita Jodhani 11/04/2024 |       |       |       |    |           |       |        |        |         |
|                                          |       |       |       |    | retention | Area  | Height | Area%  | Height% |
| 37                                       | 5.072 | 5.061 | 5.118 | VV | 173       | 3003  | 0.04%  | 0.002% |         |
| 38                                       | 5.155 | 5.118 | 5.228 | VV | 177       | 5883  | 0.04%  | 0.002% |         |
| 39                                       | 5.234 | 5.228 | 5.242 | VV | 82        | 651   | 0.01%  | 0.001% |         |
| 40                                       | 5.248 | 5.242 | 5.268 | VV | 86        | 920   | 0.01%  | 0.001% |         |
| 41                                       | 5.284 | 5.268 | 5.295 | PV | 83        | 909   | 0.01%  | 0.001% |         |
| 42                                       | 5.302 | 5.295 | 5.307 | VV | 68        | 392   | 0.01%  | 0.001% |         |
| 43                                       | 5.316 | 5.307 | 5.403 | VV | 138       | 2908  | 0.04%  | 0.002% |         |
| 44                                       | 5.428 | 5.403 | 5.455 | VV | 108       | 2603  | 0.04%  | 0.002% |         |
| 45                                       | 5.470 | 5.455 | 5.565 | VV | 162       | 6298  | 0.09%  | 0.004% |         |
| 46                                       | 5.578 | 5.565 | 5.591 | VV | 96        | 825   | 0.01%  | 0.001% |         |
| 47                                       | 5.595 | 5.591 | 5.609 | VV | 75        | 490   | 0.01%  | 0.000% |         |
| 48                                       | 5.631 | 5.609 | 5.707 | VV | 214       | 5603  | 0.08%  | 0.003% |         |
| 49                                       | 5.726 | 5.707 | 5.801 | VV | 410       | 11622 | 0.16%  | 0.007% |         |
| 50                                       | 5.818 | 5.801 | 5.846 | VV | 225       | 4316  | 0.06%  | 0.003% |         |
| 51                                       | 5.858 | 5.846 | 5.877 | VV | 163       | 2274  | 0.03%  | 0.001% |         |
| 52                                       | 5.904 | 5.877 | 5.966 | VV | 208       | 8069  | 0.11%  | 0.005% |         |
| 53                                       | 5.978 | 5.966 | 5.993 | VV | 158       | 1839  | 0.03%  | 0.001% |         |
| 54                                       | 6.009 | 5.993 | 6.046 | VV | 171       | 3289  | 0.05%  | 0.002% |         |
| 55                                       | 6.055 | 6.046 | 6.075 | PV | 75        | 717   | 0.01%  | 0.000% |         |
| 56                                       | 6.078 | 6.075 | 6.088 | VV | 86        | 352   | 0.00%  | 0.000% |         |
| 57                                       | 6.116 | 6.088 | 6.193 | VV | 114       | 3632  | 0.05%  | 0.002% |         |
| 58                                       | 6.229 | 6.193 | 6.253 | VV | 341       | 8081  | 0.11%  | 0.005% |         |
| 59                                       | 6.261 | 6.253 | 6.291 | VV | 231       | 4160  | 0.06%  | 0.003% |         |
| 60                                       | 6.301 | 6.291 | 6.348 | VV | 227       | 6033  | 0.08%  | 0.004% |         |
| 61                                       | 6.374 | 6.348 | 6.441 | VV | 261       | 9033  | 0.13%  | 0.006% |         |
| 62                                       | 6.478 | 6.441 | 6.491 | VV | 184       | 3601  | 0.05%  | 0.002% |         |
| 63                                       | 6.550 | 6.491 | 6.614 | VV | 539       | 14850 | 0.21%  | 0.009% |         |
| 64                                       | 6.633 | 6.614 | 6.648 | VV | 177       | 2852  | 0.04%  | 0.002% |         |
| 65                                       | 6.658 | 6.648 | 6.703 | VV | 205       | 4110  | 0.06%  | 0.003% |         |
| 66                                       | 6.722 | 6.703 | 6.798 | VV | 161       | 5219  | 0.07%  | 0.003% |         |
| 67                                       | 6.817 | 6.798 | 6.835 | VV | 149       | 2523  | 0.04%  | 0.002% |         |
| 68                                       | 6.849 | 6.835 | 6.883 | VV | 186       | 3422  | 0.05%  | 0.002% |         |
| 69                                       | 6.888 | 6.883 | 6.895 | VV | 118       | 744   | 0.01%  | 0.000% |         |
| 70                                       | 6.902 | 6.895 | 6.913 | VV | 97        | 881   | 0.01%  | 0.001% |         |
| 71                                       | 6.953 | 6.913 | 7.041 | VV | 201       | 6083  | 0.09%  | 0.004% |         |
| 72                                       | 7.077 | 7.041 | 7.170 | PV | 132       | 6014  | 0.08%  | 0.004% |         |
| 73                                       | 7.204 | 7.170 | 7.321 | VV | 327       | 19809 | 0.28%  | 0.012% |         |
| 74                                       | 7.380 | 7.321 | 7.460 | VV | 350       | 18361 | 0.26%  | 0.011% |         |
| 75                                       | 7.473 | 7.460 | 7.515 | VV | 245       | 7154  | 0.10%  | 0.004% |         |
| 76                                       | 7.524 | 7.515 | 7.575 | VV | 263       | 8207  | 0.12%  | 0.005% |         |
| 77                                       | 7.584 | 7.575 | 7.591 | VV | 202       | 1893  | 0.03%  | 0.001% |         |
| 78                                       | 7.606 | 7.591 | 7.670 | VV | 388       | 10056 | 0.14%  | 0.006% |         |
| 79                                       | 7.681 | 7.670 | 7.748 | VV | 175       | 5084  | 0.07%  | 0.003% |         |
| 80                                       | 7.784 | 7.748 | 7.819 | VV | 224       | 5834  | 0.08%  | 0.004% |         |
| 81                                       | 7.835 | 7.819 | 7.854 | VV | 124       | 1648  | 0.02%  | 0.001% |         |
| 82                                       | 8.236 | 8.231 | 8.261 | VV | 1150      | 19032 | 0.27%  | 0.012% |         |
| 83                                       | 8.270 | 8.261 | 8.295 | VV | 990       | 18264 | 0.26%  | 0.011% |         |
| 84                                       | 8.303 | 8.295 | 8.342 | VV | 963       | 24033 | 0.34%  | 0.015% |         |
| 85                                       | 8.356 | 8.342 | 8.367 | VV | 795       | 11472 | 0.16%  | 0.007% |         |
| 86                                       | 8.393 | 8.367 | 8.444 | VV | 1166      | 39528 | 0.56%  | 0.024% |         |
| 87                                       | 8.486 | 8.444 | 8.566 | VV | 1352      | 56788 | 0.80%  | 0.035% |         |
| 88                                       | 8.632 | 8.566 | 8.686 | VV | 534       | 30923 | 0.44%  | 0.019% |         |
| 89                                       | 8.705 | 8.686 | 8.720 | VV | 344       | 5649  | 0.08%  | 0.003% |         |

|     |        |        |        |    |        |         |                                           |        |   |
|-----|--------|--------|--------|----|--------|---------|-------------------------------------------|--------|---|
|     |        |        |        |    |        |         | Instrument :<br>FID_E                     |        | A |
|     |        |        |        |    |        |         | ClientSampleId :<br>RES-BUILDING-PAD-NO-3 |        |   |
| 90  | 8.730  | 8.720  | 8.774  | VV | 276    | 6844    | 0.10%                                     | 0.004% |   |
|     |        |        |        |    |        |         | Manual IntegrationsAPPROVED               |        |   |
| 91  | 9.167  | 9.159  | 9.205  | VV | 1238   | 31874   | Reviewed By :Yogesh Patel 11/04/2024      |        | B |
| 92  | 9.227  | 9.205  | 9.280  | VV | 1501   | 53376   | Supervised By :Ankita Jodhani 11/04/2024  |        | C |
| 93  | 9.314  | 9.280  | 9.350  | VV | 1630   | 51791   |                                           |        | D |
| 94  | 9.374  | 9.350  | 9.406  | VV | 1413   | 35962   |                                           |        | E |
| 95  | 9.419  | 9.406  | 9.487  | VV | 970    | 33152   |                                           |        | F |
| 96  | 9.498  | 9.487  | 9.575  | VV | 561    | 21322   | 0.30%                                     | 0.013% | G |
| 97  | 9.600  | 9.575  | 9.629  | VV | 376    | 10244   | 0.14%                                     | 0.006% | H |
| 98  | 9.687  | 9.629  | 9.746  | VV | 796    | 35720   | 0.50%                                     | 0.022% | I |
| 99  | 9.762  | 9.746  | 9.833  | VV | 493    | 19021   | 0.27%                                     | 0.012% | J |
| 100 | 9.865  | 9.833  | 9.894  | VV | 346    | 9076    | 0.13%                                     | 0.006% |   |
| 101 | 9.928  | 9.894  | 9.951  | VV | 387    | 7742    | 0.11%                                     | 0.005% |   |
| 102 | 9.982  | 9.951  | 10.070 | VV | 10950  | 257885  | 3.63%                                     | 0.158% |   |
| 103 | 10.090 | 10.070 | 10.133 | VV | 1828   | 43776   | 0.62%                                     | 0.027% |   |
| 104 | 10.144 | 10.133 | 10.188 | VV | 565    | 16177   | 0.23%                                     | 0.010% |   |
| 105 | 10.205 | 10.188 | 10.248 | VV | 518    | 13038   | 0.18%                                     | 0.008% |   |
| 106 | 10.264 | 10.248 | 10.314 | VV | 324    | 8772    | 0.12%                                     | 0.005% |   |
| 107 | 10.326 | 10.314 | 10.341 | VV | 213    | 3108    | 0.04%                                     | 0.002% |   |
| 108 | 10.349 | 10.341 | 10.378 | VV | 168    | 3689    | 0.05%                                     | 0.002% |   |
| 109 | 10.446 | 10.378 | 10.460 | VV | 691    | 16364   | 0.23%                                     | 0.010% |   |
| 110 | 10.477 | 10.460 | 10.507 | VV | 670    | 12279   | 0.17%                                     | 0.008% |   |
| 111 | 10.533 | 10.507 | 10.555 | VV | 313    | 7906    | 0.11%                                     | 0.005% |   |
| 112 | 10.567 | 10.555 | 10.601 | VV | 366    | 7458    | 0.10%                                     | 0.005% |   |
| 113 | 10.626 | 10.601 | 10.670 | VV | 303    | 6125    | 0.09%                                     | 0.004% |   |
| 114 | 10.753 | 10.670 | 10.777 | PV | 608    | 15460   | 0.22%                                     | 0.009% |   |
| 115 | 10.829 | 10.777 | 10.873 | VV | 1274   | 26679   | 0.38%                                     | 0.016% |   |
| 116 | 10.900 | 10.873 | 10.920 | VV | 737    | 11606   | 0.16%                                     | 0.007% |   |
| 117 | 10.947 | 10.920 | 11.008 | VV | 294    | 8130    | 0.11%                                     | 0.005% |   |
| 118 | 11.049 | 11.008 | 11.079 | VV | 392    | 7047    | 0.10%                                     | 0.004% |   |
| 119 | 11.138 | 11.079 | 11.191 | PV | 781    | 27097   | 0.38%                                     | 0.017% |   |
| 120 | 11.218 | 11.191 | 11.268 | VV | 443    | 12898   | 0.18%                                     | 0.008% |   |
| 121 | 11.280 | 11.268 | 11.365 | VV | 219    | 6068    | 0.09%                                     | 0.004% |   |
| 122 | 11.416 | 11.365 | 11.437 | PV | 120    | 1979    | 0.03%                                     | 0.001% |   |
| 123 | 11.464 | 11.437 | 11.488 | VV | 1470   | 18113   | 0.25%                                     | 0.011% |   |
| 124 | 11.532 | 11.488 | 11.581 | VV | 2253   | 36549   | 0.51%                                     | 0.022% |   |
| 125 | 11.620 | 11.581 | 11.662 | VV | 916    | 17802   | 0.25%                                     | 0.011% |   |
| 126 | 11.697 | 11.662 | 11.711 | PV | 203    | 3287    | 0.05%                                     | 0.002% |   |
| 127 | 11.726 | 11.711 | 11.758 | VV | 265    | 3598    | 0.05%                                     | 0.002% |   |
| 128 | 11.772 | 11.758 | 11.794 | PV | 230    | 2439    | 0.03%                                     | 0.001% |   |
| 129 | 11.854 | 11.794 | 11.974 | PV | 630859 | 7107733 | 100.00%                                   | 4.357% |   |
| 130 | 11.986 | 11.974 | 12.009 | VV | 782    | 13525   | 0.19%                                     | 0.008% |   |
| 131 | 12.022 | 12.009 | 12.078 | VV | 526    | 14378   | 0.20%                                     | 0.009% |   |
| 132 | 12.095 | 12.078 | 12.117 | VV | 311    | 4923    | 0.07%                                     | 0.003% |   |
| 133 | 12.138 | 12.117 | 12.158 | VV | 431    | 5727    | 0.08%                                     | 0.004% |   |
| 134 | 12.199 | 12.158 | 12.241 | VV | 1356   | 22295   | 0.31%                                     | 0.014% |   |
| 135 | 12.254 | 12.241 | 12.271 | VV | 195    | 2565    | 0.04%                                     | 0.002% |   |
| 136 | 12.303 | 12.271 | 12.368 | PV | 501    | 14292   | 0.20%                                     | 0.009% |   |
| 137 | 12.404 | 12.368 | 12.429 | VV | 465    | 9688    | 0.14%                                     | 0.006% |   |
| 138 | 12.457 | 12.429 | 12.511 | VV | 38743  | 507181  | 7.14%                                     | 0.311% |   |
| 139 | 12.524 | 12.511 | 12.571 | VV | 1873   | 47887   | 0.67%                                     | 0.029% |   |
| 140 | 12.580 | 12.571 | 12.633 | VV | 1037   | 27623   | 0.39%                                     | 0.017% |   |
| 141 | 12.657 | 12.633 | 12.667 | VV | 701    | 12643   | 0.18%                                     | 0.008% |   |

|                                          |        |        |        |    |        |         |        |        |  |
|------------------------------------------|--------|--------|--------|----|--------|---------|--------|--------|--|
| Instrument : FID_E                       |        |        |        |    |        |         |        |        |  |
| ClientSampleId : RES-BUILDING-PAD-NO-3   |        |        |        |    |        |         |        |        |  |
| Manual IntegrationsAPPROVED              |        |        |        |    |        |         |        |        |  |
| Reviewed By :Yogesh Patel 11/04/2024     |        |        |        |    |        |         |        |        |  |
| Supervised By :Ankita Jodhani 11/04/2024 |        |        |        |    |        |         |        |        |  |
|                                          |        |        |        |    | rters  |         |        |        |  |
| 142                                      | 12.680 | 12.667 | 12.747 | VV | 777    | 18513   | 0.26%  | 0.011% |  |
| 143                                      | 12.777 | 12.747 | 12.788 | VV | 585    | 10117   |        |        |  |
| 144                                      | 12.838 | 12.788 | 12.891 | VV | 1891   | 41434   |        |        |  |
| 145                                      | 12.928 | 12.891 | 13.005 | VV | 2953   | 70047   |        |        |  |
| 146                                      | 13.046 | 13.005 | 13.067 | VV | 196    | 4678    |        |        |  |
| 147                                      | 13.097 | 13.067 | 13.184 | VV | 462    | 17715   |        |        |  |
| 148                                      | 13.226 | 13.184 | 13.251 | PV | 2647   | 47383   | 0.67%  | 0.029% |  |
| 149                                      | 13.287 | 13.251 | 13.378 | VV | 443342 | 5369400 | 75.54% | 3.292% |  |
| 150                                      | 13.393 | 13.378 | 13.426 | VV | 1228   | 27565   | 0.39%  | 0.017% |  |
| 151                                      | 13.448 | 13.426 | 13.469 | VV | 2034   | 31928   | 0.45%  | 0.020% |  |
| 152                                      | 13.487 | 13.469 | 13.508 | VV | 1044   | 22149   | 0.31%  | 0.014% |  |
| 153                                      | 13.535 | 13.508 | 13.652 | VV | 1209   | 58607   | 0.82%  | 0.036% |  |
| 154                                      | 13.688 | 13.652 | 13.781 | VV | 5349   | 105110  | 1.48%  | 0.064% |  |
| 155                                      | 13.830 | 13.781 | 13.845 | VV | 515    | 13678   | 0.19%  | 0.008% |  |
| 156                                      | 13.851 | 13.845 | 13.861 | VV | 384    | 3351    | 0.05%  | 0.002% |  |
| 157                                      | 13.873 | 13.861 | 13.918 | VV | 387    | 8656    | 0.12%  | 0.005% |  |
| 158                                      | 13.929 | 13.918 | 13.940 | VV | 296    | 3012    | 0.04%  | 0.002% |  |
| 159                                      | 13.990 | 13.940 | 14.010 | VV | 1325   | 26738   | 0.38%  | 0.016% |  |
| 160                                      | 14.034 | 14.010 | 14.121 | VV | 4566   | 77386   | 1.09%  | 0.047% |  |
| 161                                      | 14.155 | 14.121 | 14.175 | VV | 357    | 7722    | 0.11%  | 0.005% |  |
| 162                                      | 14.183 | 14.175 | 14.218 | VV | 245    | 3495    | 0.05%  | 0.002% |  |
| 163                                      | 14.267 | 14.218 | 14.288 | PV | 338    | 8259    | 0.12%  | 0.005% |  |
| 164                                      | 14.301 | 14.288 | 14.314 | VV | 240    | 2425    | 0.03%  | 0.001% |  |
| 165                                      | 14.331 | 14.314 | 14.343 | VV | 165    | 1680    | 0.02%  | 0.001% |  |
| 166                                      | 14.364 | 14.343 | 14.378 | PV | 243    | 2868    | 0.04%  | 0.002% |  |
| 167                                      | 14.440 | 14.378 | 14.455 | VV | 1228   | 27682   | 0.39%  | 0.017% |  |
| 168                                      | 14.470 | 14.455 | 14.498 | VV | 1422   | 24046   | 0.34%  | 0.015% |  |
| 169                                      | 14.541 | 14.498 | 14.571 | VV | 879    | 19190   | 0.27%  | 0.012% |  |
| 170                                      | 14.597 | 14.571 | 14.620 | VV | 2941   | 39318   | 0.55%  | 0.024% |  |
| 171                                      | 14.658 | 14.620 | 14.690 | VV | 1101   | 27746   | 0.39%  | 0.017% |  |
| 172                                      | 14.706 | 14.690 | 14.751 | VV | 554    | 14172   | 0.20%  | 0.009% |  |
| 173                                      | 14.756 | 14.751 | 14.773 | VV | 389    | 2851    | 0.04%  | 0.002% |  |
| 174                                      | 14.799 | 14.773 | 14.812 | PV | 461    | 6795    | 0.10%  | 0.004% |  |
| 175                                      | 14.846 | 14.812 | 14.885 | VV | 477    | 12907   | 0.18%  | 0.008% |  |
| 176                                      | 14.911 | 14.885 | 14.925 | VV | 198    | 3851    | 0.05%  | 0.002% |  |
| 177                                      | 14.949 | 14.925 | 14.961 | VV | 292    | 3207    | 0.05%  | 0.002% |  |
| 178                                      | 14.991 | 14.961 | 15.018 | VV | 509    | 9948    | 0.14%  | 0.006% |  |
| 179                                      | 15.030 | 15.018 | 15.045 | VV | 158    | 1687    | 0.02%  | 0.001% |  |
| 180                                      | 15.135 | 15.045 | 15.165 | VV | 4297   | 96452   | 1.36%  | 0.059% |  |
| 181                                      | 15.184 | 15.165 | 15.216 | VV | 2183   | 39351   | 0.55%  | 0.024% |  |
| 182                                      | 15.233 | 15.216 | 15.248 | VV | 615    | 10551   | 0.15%  | 0.006% |  |
| 183                                      | 15.265 | 15.248 | 15.297 | VV | 540    | 10342   | 0.15%  | 0.006% |  |
| 184                                      | 15.329 | 15.297 | 15.364 | VV | 472    | 10679   | 0.15%  | 0.007% |  |
| 185                                      | 15.409 | 15.364 | 15.417 | PV | 120    | 2409    | 0.03%  | 0.001% |  |
| 186                                      | 15.519 | 15.417 | 15.601 | PV | 19166  | 376650  | 5.30%  | 0.231% |  |
| 187                                      | 15.613 | 15.601 | 15.627 | VV | 936    | 12384   | 0.17%  | 0.008% |  |
| 188                                      | 15.655 | 15.627 | 15.694 | VV | 3860   | 63667   | 0.90%  | 0.039% |  |
| 189                                      | 15.723 | 15.694 | 15.760 | VV | 7235   | 103980  | 1.46%  | 0.064% |  |
| 190                                      | 15.784 | 15.760 | 15.816 | VV | 1147   | 22406   | 0.32%  | 0.014% |  |
| 191                                      | 15.835 | 15.816 | 15.848 | VV | 319    | 4806    | 0.07%  | 0.003% |  |
| 192                                      | 15.878 | 15.848 | 15.890 | VV | 508    | 7998    | 0.11%  | 0.005% |  |
| 193                                      | 15.973 | 15.890 | 15.998 | VV | 775    | 34427   | 0.48%  | 0.021% |  |
| 194                                      | 16.061 | 15.998 | 16.086 | VV | 956    | 38312   | 0.54%  | 0.023% |  |

|     |        |        |        |    |       |         |                             |        |
|-----|--------|--------|--------|----|-------|---------|-----------------------------|--------|
|     |        |        |        |    |       |         | Instrument :                |        |
|     |        |        |        |    |       |         | FID_E                       |        |
|     |        |        |        |    |       |         | ClientSampleId :            |        |
|     |        |        |        |    |       |         | RES-BUILDING-PAD-NO-3       |        |
| 195 | 16.115 | 16.086 | 16.130 | VV | 1322  | 26615   | 0.37%                       | 0.016% |
|     |        |        |        |    |       |         | Manual IntegrationsAPPROVED |        |
| 196 | 16.155 | 16.130 | 16.183 | VV | 5233  | 84881   |                             |        |
| 197 | 16.225 | 16.183 | 16.249 | VV | 1562  | 45935   |                             |        |
| 198 | 16.295 | 16.249 | 16.315 | VV | 871   | 29122   |                             |        |
| 199 | 16.359 | 16.315 | 16.387 | VV | 1213  | 44117   |                             |        |
| 200 | 16.450 | 16.387 | 16.466 | VV | 2072  | 66800   |                             |        |
| 201 | 16.500 | 16.466 | 16.512 | VV | 2620  | 59206   | 0.83%                       | 0.036% |
| 202 | 16.539 | 16.512 | 16.576 | VV | 4048  | 115697  | 1.63%                       | 0.071% |
| 203 | 16.637 | 16.576 | 16.659 | VV | 6481  | 179562  | 2.53%                       | 0.110% |
| 204 | 16.679 | 16.659 | 16.690 | VV | 3964  | 66774   | 0.94%                       | 0.041% |
| 205 | 16.712 | 16.690 | 16.748 | VV | 5788  | 154223  | 2.17%                       | 0.095% |
| 206 | 16.802 | 16.748 | 16.818 | VV | 4098  | 163053  | 2.29%                       | 0.100% |
| 207 | 16.844 | 16.818 | 16.893 | VV | 4630  | 189159  | 2.66%                       | 0.116% |
| 208 | 16.912 | 16.893 | 16.920 | VV | 4172  | 65297   | 0.92%                       | 0.040% |
| 209 | 16.958 | 16.920 | 16.967 | VV | 4934  | 130213  | 1.83%                       | 0.080% |
| 210 | 16.997 | 16.967 | 17.019 | VV | 5892  | 163986  | 2.31%                       | 0.101% |
| 211 | 17.104 | 17.019 | 17.134 | VV | 15569 | 569604  | 8.01%                       | 0.349% |
| 212 | 17.152 | 17.134 | 17.169 | VV | 10287 | 182397  | 2.57%                       | 0.112% |
| 213 | 17.183 | 17.169 | 17.228 | VV | 9788  | 284850  | 4.01%                       | 0.175% |
| 214 | 17.288 | 17.228 | 17.297 | VV | 8454  | 315859  | 4.44%                       | 0.194% |
| 215 | 17.341 | 17.297 | 17.362 | VV | 9790  | 341731  | 4.81%                       | 0.209% |
| 216 | 17.422 | 17.362 | 17.449 | VV | 10999 | 519182  | 7.30%                       | 0.318% |
| 217 | 17.488 | 17.449 | 17.499 | VV | 13524 | 368230  | 5.18%                       | 0.226% |
| 218 | 17.514 | 17.499 | 17.531 | VV | 13992 | 252663  | 3.55%                       | 0.155% |
| 219 | 17.554 | 17.531 | 17.603 | VV | 20245 | 628776  | 8.85%                       | 0.385% |
| 220 | 17.626 | 17.603 | 17.635 | VV | 12853 | 234202  | 3.30%                       | 0.144% |
| 221 | 17.657 | 17.635 | 17.700 | VV | 14440 | 510446  | 7.18%                       | 0.313% |
| 222 | 17.731 | 17.700 | 17.772 | VV | 14003 | 572067  | 8.05%                       | 0.351% |
| 223 | 17.782 | 17.772 | 17.791 | VV | 13027 | 146819  | 2.07%                       | 0.090% |
| 224 | 17.819 | 17.791 | 17.829 | VV | 14001 | 302568  | 4.26%                       | 0.185% |
| 225 | 17.894 | 17.829 | 17.911 | VV | 15463 | 702020  | 9.88%                       | 0.430% |
| 226 | 17.990 | 17.911 | 18.018 | VV | 29377 | 1233955 | 17.36%                      | 0.756% |
| 227 | 18.037 | 18.018 | 18.047 | VV | 17290 | 304663  | 4.29%                       | 0.187% |
| 228 | 18.083 | 18.047 | 18.102 | VV | 21062 | 621116  | 8.74%                       | 0.381% |
| 229 | 18.131 | 18.102 | 18.191 | VV | 29985 | 1236956 | 17.40%                      | 0.758% |
| 230 | 18.201 | 18.191 | 18.210 | VV | 20498 | 231329  | 3.25%                       | 0.142% |
| 231 | 18.226 | 18.210 | 18.248 | VV | 20789 | 460022  | 6.47%                       | 0.282% |
| 232 | 18.311 | 18.248 | 18.325 | VV | 25652 | 1015808 | 14.29%                      | 0.623% |
| 233 | 18.357 | 18.325 | 18.386 | VV | 28577 | 962907  | 13.55%                      | 0.590% |
| 234 | 18.413 | 18.386 | 18.438 | VV | 34340 | 879906  | 12.38%                      | 0.539% |
| 235 | 18.498 | 18.438 | 18.549 | VV | 32109 | 1781468 | 25.06%                      | 1.092% |
| 236 | 18.585 | 18.549 | 18.595 | VV | 25595 | 689407  | 9.70%                       | 0.423% |
| 237 | 18.704 | 18.595 | 18.751 | VV | 29484 | 2598292 | 36.56%                      | 1.593% |
| 238 | 18.821 | 18.751 | 18.851 | VV | 43702 | 2008951 | 28.26%                      | 1.232% |
| 239 | 18.920 | 18.851 | 18.947 | VV | 41074 | 1969723 | 27.71%                      | 1.207% |
| 240 | 18.970 | 18.947 | 19.011 | VV | 39417 | 1404033 | 19.75%                      | 0.861% |
| 241 | 19.027 | 19.011 | 19.038 | VV | 34846 | 542962  | 7.64%                       | 0.333% |
| 242 | 19.101 | 19.038 | 19.124 | VV | 36973 | 1847300 | 25.99%                      | 1.132% |
| 243 | 19.219 | 19.124 | 19.278 | VV | 50174 | 3894851 | 54.80%                      | 2.388% |
| 244 | 19.317 | 19.278 | 19.346 | VV | 44763 | 1718138 | 24.17%                      | 1.053% |
| 245 | 19.354 | 19.346 | 19.365 | VV | 42730 | 475414  | 6.69%                       | 0.291% |
| 246 | 19.421 | 19.365 | 19.438 | VV | 44928 | 1899547 | 26.73%                      | 1.164% |

|                                          |        |        |        |       |       |         |           |        |  |
|------------------------------------------|--------|--------|--------|-------|-------|---------|-----------|--------|--|
| Instrument : FID_E                       |        |        |        |       |       |         |           |        |  |
| ClientSampleId : RES-BUILDING-PAD-NO-3   |        |        |        |       |       |         |           |        |  |
| Manual IntegrationsAPPROVED              |        |        |        |       |       |         |           |        |  |
| Reviewed By :Yogesh Patel 11/04/2024     |        |        |        |       |       |         |           |        |  |
| Supervised By :Ankita Jodhani 11/04/2024 |        |        |        |       |       |         |           |        |  |
|                                          |        |        |        | rters |       |         |           |        |  |
| 247                                      | 19.448 | 19.438 | 19.455 | VV    | 44813 | 440810  | 6.20%     | 0.270% |  |
| 248                                      | 19.477 | 19.455 | 19.489 | VV    | 45597 | 921872  | 12.20%    | 0.270% |  |
| 249                                      | 19.526 | 19.489 | 19.541 | VV    | 46895 | 1442652 | 20.20%    | 0.270% |  |
| 250                                      | 19.606 | 19.541 | 19.655 | VV    | 56988 | 3437084 | 48.20%    | 0.270% |  |
| 251                                      | 19.675 | 19.655 | 19.695 | VV    | 52141 | 1240863 | 17.20%    | 0.983% |  |
| 252                                      | 19.719 | 19.695 | 19.752 | VV    | 53991 | 1762915 | 24.20%    | 0.983% |  |
| 253                                      | 19.789 | 19.752 | 19.805 | VV    | 52125 | 1604257 | 22.57%    | 0.983% |  |
| 254                                      | 19.891 | 19.805 | 19.901 | VV    | 56764 | 3138942 | 44.16%    | 1.924% |  |
| 255                                      | 19.912 | 19.901 | 19.920 | VV    | 56661 | 626011  | 8.81%     | 0.384% |  |
| 256                                      | 19.978 | 19.920 | 20.001 | VV    | 67271 | 3012864 | 42.39%    | 1.847% |  |
| 257                                      | 20.024 | 20.001 | 20.065 | VV    | 61274 | 2283287 | 32.12%    | 1.400% |  |
| 258                                      | 20.141 | 20.065 | 20.167 | VV    | 63191 | 3755337 | 52.83%    | 2.302% |  |
| 259                                      | 20.242 | 20.167 | 20.271 | VV    | 71850 | 4149888 | 58.39%    | 2.544% |  |
| 260                                      | 20.344 | 20.271 | 20.375 | VV    | 78317 | 4428076 | 62.30%    | 2.714% |  |
| 261                                      | 20.410 | 20.375 | 20.426 | VV    | 75773 | 2266790 | 31.89%    | 1.390% |  |
| 262                                      | 20.441 | 20.426 | 20.453 | VV    | 73285 | 1168382 | 16.44%    | 0.716% |  |
| 263                                      | 20.478 | 20.453 | 20.488 | VV    | 74500 | 1547496 | 21.77%    | 0.949% |  |
| 264                                      | 20.505 | 20.488 | 20.528 | VV    | 76970 | 1770095 | 24.90%    | 1.085% |  |
| 265                                      | 20.625 | 20.528 | 20.635 | VV    | 80646 | 4956146 | 69.73%    | 3.038% |  |
| 266                                      | 20.645 | 20.635 | 20.666 | VV    | 80290 | 1517030 | 21.34%    | 0.930% |  |
| 267                                      | 20.696 | 20.666 | 20.725 | VV    | 83942 | 2836495 | 39.91%    | 1.739% |  |
| 268                                      | 20.735 | 20.725 | 20.775 | VV    | 81562 | 2399819 | 33.76%    | 1.471% |  |
| 269                                      | 20.809 | 20.775 | 20.818 | VV    | 81394 | 2104838 | 29.61%    | 1.290% |  |
| 270                                      | 20.839 | 20.818 | 20.868 | VV    | 81087 | 2397671 | 33.73%    | 1.470% |  |
| 271                                      | 20.912 | 20.868 | 20.961 | VV    | 82226 | 4490668 | 63.18%    | 2.753% |  |
| 272                                      | 20.974 | 20.961 | 21.012 | VV    | 77506 | 2337840 | 32.89%    | 1.433% |  |
| 273                                      | 21.023 | 21.012 | 21.041 | VV    | 76031 | 1319818 | 18.57%    | 0.809% |  |
| 274                                      | 21.070 | 21.041 | 21.100 | VV    | 80626 | 2776184 | 39.06%    | 1.702% |  |
| 275                                      | 21.121 | 21.100 | 21.144 | VV    | 78639 | 2060425 | 28.99%    | 1.263% |  |
| 276                                      | 21.164 | 21.144 | 21.178 | VV    | 77839 | 1560126 | 21.95%    | 0.956% |  |
| 277                                      | 21.204 | 21.178 | 21.316 | VV    | 77136 | 6249495 | 87.93%    | 3.831% |  |
| 278                                      | 21.324 | 21.316 | 21.356 | VV    | 73323 | 1732851 | 24.38%    | 1.062% |  |
| 279                                      | 21.381 | 21.356 | 21.411 | VV    | 73247 | 2406775 | 33.86%    | 1.475% |  |
| 280                                      | 21.422 | 21.411 | 21.448 | VV    | 72604 | 1587134 | 22.33%    | 0.973% |  |
| 281                                      | 21.484 | 21.448 | 21.555 | VV    | 75093 | 4593355 | 64.62%    | 2.816% |  |
| 282                                      | 21.581 | 21.555 | 21.664 | VV    | 70260 | 4504081 | 63.37%    | 2.761% |  |
| 283                                      | 21.711 | 21.664 | 21.725 | VV    | 68298 | 2449109 | 34.46%    | 1.501% |  |
| 284                                      | 21.748 | 21.725 | 21.774 | VV    | 68096 | 1978199 | 27.83%    | 1.213% |  |
| 285                                      | 21.795 | 21.774 | 21.840 | VV    | 67403 | 2656624 | 37.38%    | 1.629% |  |
| 286                                      | 21.857 | 21.840 | 21.901 | VV    | 66178 | 2370142 | 33.35%    | 1.453% |  |
| 287                                      | 21.943 | 21.901 | 22.011 | VV    | 64989 | 4154681 | 58.45%    | 2.547% |  |
| 288                                      | 22.024 | 22.011 | 22.035 | VV    | 61672 | 855750  | 12.04%    | 0.525% |  |
| 289                                      | 22.090 | 22.035 | 22.123 | VV    | 62763 | 3272346 | 46.04%    | 2.006% |  |
| 290                                      | 22.134 | 22.123 | 22.165 | VV    | 61859 | 1545165 | 21.74%    | 0.947% |  |
| 291                                      | 22.181 | 22.165 | 22.201 | VBA   | 61655 | 1444815 | 20.33%    | 0.886% |  |
| Sum of corrected areas:                  |        |        |        |       |       |         | 163126802 |        |  |

Aliphatic EPH 100824.M Mon Nov 04 04:40:19 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE110524AL\  
 Data File : FE051024.D  
 Signal(s) : FID1B.ch  
 Acq On : 05 Nov 2024 10:42  
 Operator : YP\AJ  
 Sample : P4663-06DL 2X  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 RES-BUILDING-PAD-NO-3DL

### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/06/2024  
 Supervised By :Ankita Jodhani 11/06/2024

Integration File: autoint1.e  
 Quant Time: Nov 05 12:10:31 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 100824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 07 16:32:18 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response | Conc Units    |
|--------------------------------|--------|----------|---------------|
| -----                          |        |          |               |
| System Monitoring Compounds    |        |          |               |
| 9) S ortho-Terphenyl (SURR)    | 11.851 | 2766843  | 17.550 ug/mlm |
| Spiked Amount                  | 50.000 | Recovery | = 35.10%      |
| 12) S 1-chlorooctadecane (S... | 13.285 | 2006137  | 16.959 ug/ml  |
| Spiked Amount                  | 50.000 | Recovery | = 33.92%      |

Target Compounds

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE110524AL\  
Data File : FE051024.D  
Signal(s) : FID1B.ch  
Acq On : 05 Nov 2024 10:42  
Operator : YP\AJ  
Sample : P4663-06DL 2X  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

## Instrument :

FID\_E

## ClientSampleId :

RES-BUILDING-PAD-NO-3DL

## Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :Ankita Jodhani 11/06/2024

Integration File: autoint1.e

Quant Time: Nov 05 12:10:31 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 100824.

Quant Title : GC Extractables

QLast Update : Mon Oct 07 16:32:18 2024

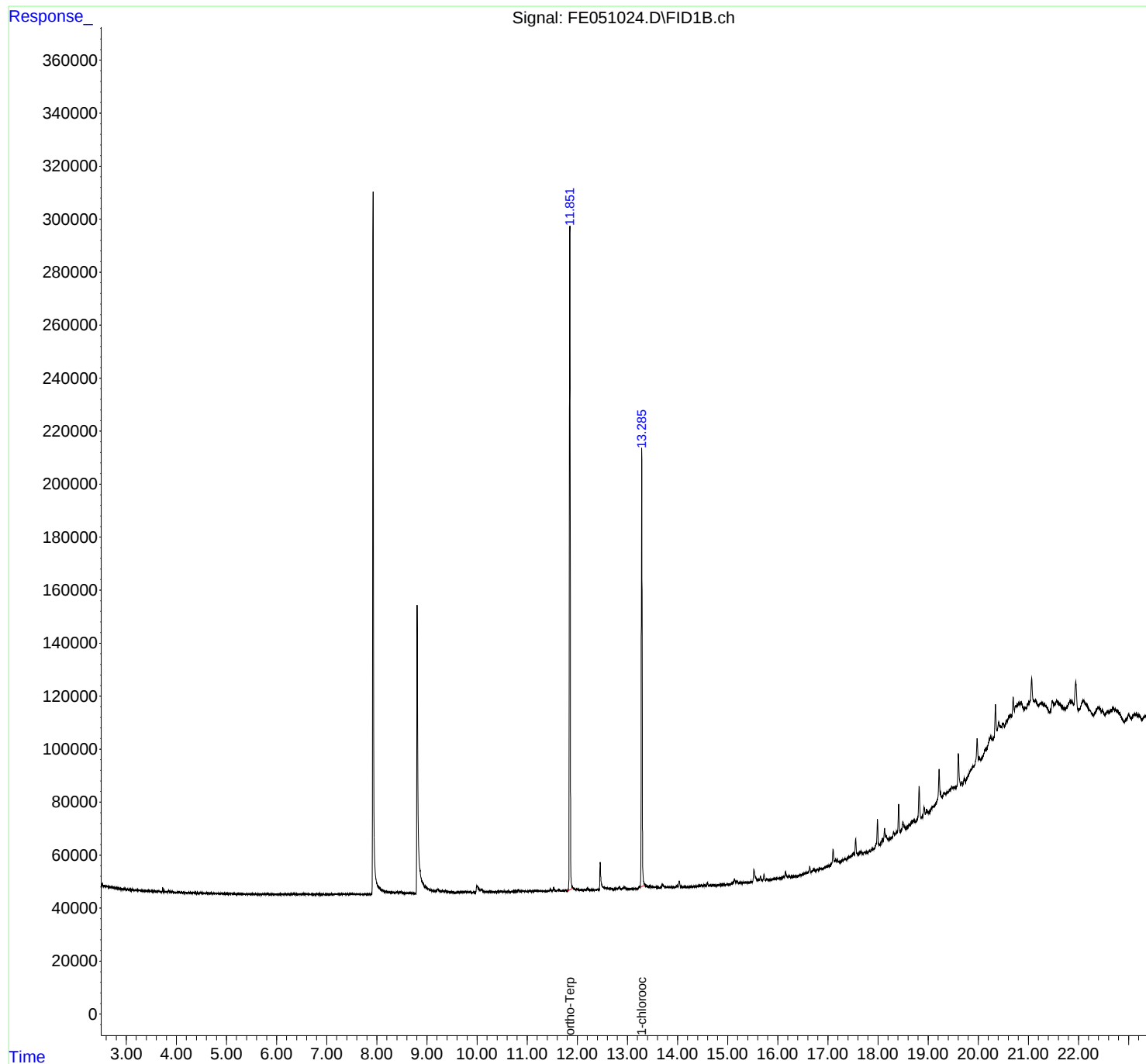
Response via : Initial Calibration

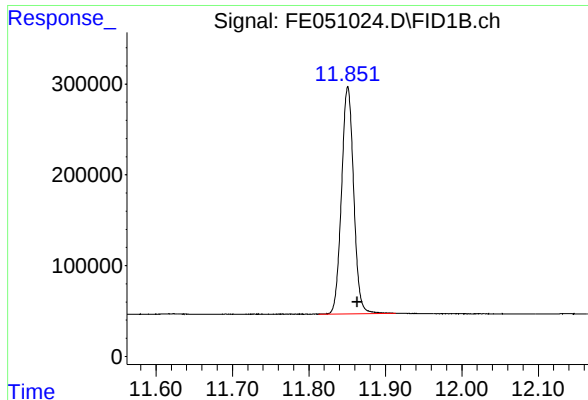
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





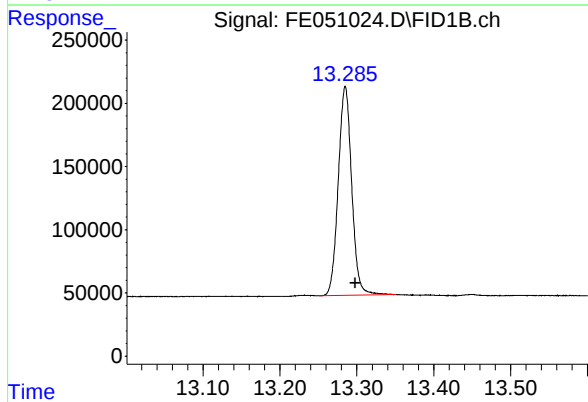
#9 ortho-Terphenyl (SURR)

R.T.: 11.851 min  
Delta R.T.: -0.012 min  
Response: 2766843  
Conc: 17.55 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
RES-BUILDING-PAD-NO-3DL

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/06/2024  
Supervised By :Ankita Jodhani 11/06/2024



#12 1-chlorooctadecane (SURR)

R.T.: 13.285 min  
Delta R.T.: -0.013 min  
Response: 2006137  
Conc: 16.96 ug/ml

Instrument :

FID\_E

ClientSampleId :

RES-BUILDING-PAD-NO-3DL

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/06/2024  
Supervised By :Ankita Jodhani 11/06/2024

rteres

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE11052  
 Data File : FE051024.D  
 Signal(s) : FID1B.ch  
 Acq On : 05 Nov 2024 10:42  
 Sample : P4663-06DL 2X  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 100824.M  
 Title : GC Extractables

Signal : FID1B.ch

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 3.227       | 3.204        | 3.282      | BV       | 124            | 2790         | 0.04%          | 0.003%        |
| 2         | 3.295       | 3.282        | 3.348      | PV       | 92             | 3036         | 0.05%          | 0.003%        |
| 3         | 3.357       | 3.348        | 3.541      | VV       | 127            | 8169         | 0.13%          | 0.009%        |
| 4         | 3.554       | 3.541        | 3.572      | PV       | 103            | 1103         | 0.02%          | 0.001%        |
| 5         | 3.583       | 3.572        | 3.622      | VV       | 93             | 1833         | 0.03%          | 0.002%        |
| 6         | 3.637       | 3.622        | 3.658      | VV       | 124            | 1464         | 0.02%          | 0.002%        |
| 7         | 3.675       | 3.658        | 3.704      | VV       | 157            | 2593         | 0.04%          | 0.003%        |
| 8         | 3.726       | 3.704        | 3.779      | VV       | 1048           | 15048        | 0.23%          | 0.017%        |
| 9         | 3.791       | 3.779        | 3.827      | VV       | 136            | 2051         | 0.03%          | 0.002%        |
| 10        | 3.848       | 3.827        | 3.896      | VV       | 475            | 9723         | 0.15%          | 0.011%        |
| 11        | 3.922       | 3.896        | 3.955      | VV       | 236            | 4645         | 0.07%          | 0.005%        |
| 12        | 3.965       | 3.955        | 4.002      | VV       | 93             | 2085         | 0.03%          | 0.002%        |
| 13        | 4.018       | 4.002        | 4.043      | PV       | 108            | 1411         | 0.02%          | 0.002%        |
| 14        | 4.065       | 4.043        | 4.084      | VV       | 95             | 1494         | 0.02%          | 0.002%        |
| 15        | 4.108       | 4.084        | 4.178      | VV       | 101            | 2420         | 0.04%          | 0.003%        |
| 16        | 4.197       | 4.178        | 4.208      | PV       | 56             | 603          | 0.01%          | 0.001%        |
| 17        | 4.217       | 4.208        | 4.267      | VV       | 75             | 2379         | 0.04%          | 0.003%        |
| 18        | 4.287       | 4.267        | 4.326      | VV       | 141            | 3035         | 0.05%          | 0.003%        |
| 19        | 4.360       | 4.326        | 4.432      | VV       | 158            | 4566         | 0.07%          | 0.005%        |
| 20        | 4.439       | 4.432        | 4.458      | VV       | 102            | 808          | 0.01%          | 0.001%        |
| 21        | 4.475       | 4.458        | 4.541      | PV       | 126            | 4245         | 0.07%          | 0.005%        |
| 22        | 4.548       | 4.541        | 4.593      | VV       | 109            | 2694         | 0.04%          | 0.003%        |
| 23        | 4.610       | 4.593        | 4.657      | VV       | 236            | 3764         | 0.06%          | 0.004%        |
| 24        | 4.665       | 4.657        | 4.738      | VV       | 123            | 2386         | 0.04%          | 0.003%        |
| 25        | 4.751       | 4.738        | 4.768      | VV       | 111            | 960          | 0.01%          | 0.001%        |
| 26        | 4.773       | 4.768        | 4.798      | VV       | 100            | 1000         | 0.02%          | 0.001%        |
| 27        | 4.804       | 4.798        | 4.811      | VV       | 94             | 530          | 0.01%          | 0.001%        |
| 28        | 4.818       | 4.811        | 4.834      | VV       | 128            | 888          | 0.01%          | 0.001%        |
| 29        | 4.838       | 4.834        | 4.847      | VV       | 105            | 438          | 0.01%          | 0.000%        |
| 30        | 4.871       | 4.847        | 4.893      | VV       | 122            | 1959         | 0.03%          | 0.002%        |
| 31        | 4.905       | 4.893        | 5.044      | VV       | 152            | 8482         | 0.13%          | 0.010%        |
| 32        | 5.059       | 5.044        | 5.139      | VV       | 144            | 5479         | 0.08%          | 0.006%        |
| 33        | 5.157       | 5.139        | 5.204      | VV       | 121            | 2708         | 0.04%          | 0.003%        |
| 34        | 5.235       | 5.204        | 5.312      | PV       | 139            | 5633         | 0.09%          | 0.006%        |
| 35        | 5.367       | 5.312        | 5.391      | VV       | 122            | 2424         | 0.04%          | 0.003%        |
| 36        | 5.409       | 5.391        | 5.414      | PV       | 84             | 571          | 0.01%          | 0.001%        |

| Instrument : FID_E                       |       |       |       |    |           |       |       |        |  |
|------------------------------------------|-------|-------|-------|----|-----------|-------|-------|--------|--|
| ClientSampleId : RES-BUILDING-PAD-NO-3DL |       |       |       |    |           |       |       |        |  |
| Manual IntegrationsAPPROVED              |       |       |       |    |           |       |       |        |  |
| Reviewed By :Yogesh Patel 11/06/2024     |       |       |       |    |           |       |       |        |  |
| Supervised By :Ankita Jodhani 11/06/2024 |       |       |       |    |           |       |       |        |  |
|                                          |       |       |       |    | retention |       |       |        |  |
| 37                                       | 5.422 | 5.414 | 5.428 | VV | 115       | 538   | 0.01% | 0.001% |  |
| 38                                       | 5.435 | 5.428 | 5.457 | VV | 94        | 1018  |       |        |  |
| 39                                       | 5.505 | 5.457 | 5.524 | VV | 102       | 1934  |       |        |  |
| 40                                       | 5.538 | 5.524 | 5.552 | VV | 74        | 1086  |       |        |  |
| 41                                       | 5.573 | 5.552 | 5.620 | VV | 116       | 2163  |       |        |  |
| 42                                       | 5.638 | 5.620 | 5.652 | VV | 164       | 1531  |       |        |  |
| 43                                       | 5.671 | 5.652 | 5.691 | PV | 107       | 1167  | 0.02% | 0.001% |  |
| 44                                       | 5.727 | 5.691 | 5.791 | VV | 176       | 5528  | 0.09% | 0.006% |  |
| 45                                       | 5.799 | 5.791 | 5.805 | VV | 115       | 743   | 0.01% | 0.001% |  |
| 46                                       | 5.815 | 5.805 | 5.942 | VV | 132       | 5949  | 0.09% | 0.007% |  |
| 47                                       | 5.955 | 5.942 | 5.989 | VV | 66        | 1275  | 0.02% | 0.001% |  |
| 48                                       | 6.033 | 5.989 | 6.053 | VV | 113       | 1933  | 0.03% | 0.002% |  |
| 49                                       | 6.058 | 6.053 | 6.094 | VV | 56        | 1069  | 0.02% | 0.001% |  |
| 50                                       | 6.100 | 6.094 | 6.172 | VV | 112       | 2523  | 0.04% | 0.003% |  |
| 51                                       | 6.225 | 6.172 | 6.241 | PV | 144       | 2497  | 0.04% | 0.003% |  |
| 52                                       | 6.250 | 6.241 | 6.290 | VV | 166       | 2892  | 0.04% | 0.003% |  |
| 53                                       | 6.329 | 6.290 | 6.346 | VV | 115       | 2557  | 0.04% | 0.003% |  |
| 54                                       | 6.366 | 6.346 | 6.404 | VV | 203       | 4586  | 0.07% | 0.005% |  |
| 55                                       | 6.429 | 6.404 | 6.447 | VV | 131       | 2083  | 0.03% | 0.002% |  |
| 56                                       | 6.460 | 6.447 | 6.474 | VV | 121       | 1533  | 0.02% | 0.002% |  |
| 57                                       | 6.494 | 6.474 | 6.528 | VV | 153       | 3050  | 0.05% | 0.003% |  |
| 58                                       | 6.549 | 6.528 | 6.618 | VV | 291       | 8154  | 0.13% | 0.009% |  |
| 59                                       | 6.627 | 6.618 | 6.636 | VV | 126       | 1065  | 0.02% | 0.001% |  |
| 60                                       | 6.660 | 6.636 | 6.671 | VV | 161       | 2394  | 0.04% | 0.003% |  |
| 61                                       | 6.678 | 6.671 | 6.695 | VV | 119       | 1271  | 0.02% | 0.001% |  |
| 62                                       | 6.719 | 6.695 | 6.741 | VV | 108       | 2098  | 0.03% | 0.002% |  |
| 63                                       | 6.749 | 6.741 | 6.776 | VV | 102       | 1694  | 0.03% | 0.002% |  |
| 64                                       | 6.809 | 6.776 | 6.833 | VV | 135       | 2611  | 0.04% | 0.003% |  |
| 65                                       | 6.841 | 6.833 | 6.869 | VV | 141       | 1485  | 0.02% | 0.002% |  |
| 66                                       | 6.890 | 6.869 | 6.909 | VV | 72        | 1209  | 0.02% | 0.001% |  |
| 67                                       | 6.930 | 6.909 | 6.962 | PV | 143       | 1687  | 0.03% | 0.002% |  |
| 68                                       | 6.998 | 6.962 | 7.037 | VV | 190       | 3103  | 0.05% | 0.003% |  |
| 69                                       | 7.053 | 7.037 | 7.089 | VV | 106       | 1755  | 0.03% | 0.002% |  |
| 70                                       | 7.099 | 7.089 | 7.114 | VV | 131       | 1116  | 0.02% | 0.001% |  |
| 71                                       | 7.121 | 7.114 | 7.171 | VV | 152       | 3451  | 0.05% | 0.004% |  |
| 72                                       | 7.234 | 7.171 | 7.314 | VV | 217       | 12085 | 0.19% | 0.014% |  |
| 73                                       | 7.398 | 7.314 | 7.451 | VV | 275       | 14789 | 0.23% | 0.017% |  |
| 74                                       | 7.461 | 7.451 | 7.488 | VV | 192       | 4249  | 0.07% | 0.005% |  |
| 75                                       | 7.510 | 7.488 | 7.584 | VV | 201       | 11743 | 0.18% | 0.013% |  |
| 76                                       | 7.603 | 7.584 | 7.699 | VV | 283       | 10003 | 0.15% | 0.011% |  |
| 77                                       | 7.722 | 7.699 | 7.751 | PV | 54        | 1798  | 0.03% | 0.002% |  |
| 78                                       | 7.770 | 7.751 | 7.836 | VV | 136       | 3865  | 0.06% | 0.004% |  |
| 79                                       | 8.306 | 8.291 | 8.363 | VV | 710       | 25464 | 0.39% | 0.029% |  |
| 80                                       | 8.394 | 8.363 | 8.432 | VV | 788       | 25281 | 0.39% | 0.028% |  |
| 81                                       | 8.482 | 8.432 | 8.561 | VV | 856       | 40958 | 0.63% | 0.046% |  |
| 82                                       | 8.575 | 8.561 | 8.594 | VV | 356       | 5871  | 0.09% | 0.007% |  |
| 83                                       | 8.637 | 8.594 | 8.770 | VV | 399       | 21415 | 0.33% | 0.024% |  |
| 84                                       | 9.218 | 9.188 | 9.271 | VV | 1453      | 51834 | 0.80% | 0.058% |  |
| 85                                       | 9.313 | 9.271 | 9.358 | VV | 1031      | 39977 | 0.62% | 0.045% |  |
| 86                                       | 9.374 | 9.358 | 9.405 | VV | 833       | 19093 | 0.29% | 0.021% |  |
| 87                                       | 9.420 | 9.405 | 9.478 | VV | 578       | 20369 | 0.31% | 0.023% |  |
| 88                                       | 9.494 | 9.478 | 9.634 | VV | 406       | 23683 | 0.36% | 0.027% |  |
| 89                                       | 9.698 | 9.634 | 9.741 | VV | 445       | 18986 | 0.29% | 0.021% |  |

|     |        |        |        |    |        |         |                             |        |
|-----|--------|--------|--------|----|--------|---------|-----------------------------|--------|
|     |        |        |        |    |        |         | Instrument :                |        |
|     |        |        |        |    |        |         | FID_E                       |        |
|     |        |        |        |    |        |         | ClientSampleId :            |        |
|     |        |        |        |    |        |         | RES-BUILDING-PAD-NO-3DL     |        |
| 90  | 9.764  | 9.741  | 9.833  | VV | 326    | 15452   | 0.24%                       | 0.017% |
| 91  | 9.862  | 9.833  | 9.888  | VV | 246    | 6155    | Manual IntegrationsAPPROVED |        |
| 92  | 9.929  | 9.888  | 9.971  | VV | 247    | 6225    |                             |        |
| 93  | 10.000 | 9.971  | 10.071 | VV | 2441   | 84187   |                             |        |
| 94  | 10.089 | 10.071 | 10.174 | VV | 1292   | 37109   |                             |        |
| 95  | 10.201 | 10.174 | 10.235 | VV | 248    | 8231    |                             |        |
| 96  | 10.266 | 10.235 | 10.401 | VV | 211    | 13754   | 0.21%                       | 0.015% |
| 97  | 10.478 | 10.401 | 10.514 | VV | 480    | 16773   | 0.26%                       | 0.019% |
| 98  | 10.566 | 10.514 | 10.601 | VV | 291    | 8261    | 0.13%                       | 0.009% |
| 99  | 10.621 | 10.601 | 10.669 | VV | 215    | 4426    | 0.07%                       | 0.005% |
| 100 | 10.752 | 10.669 | 10.784 | VV | 477    | 14062   | 0.22%                       | 0.016% |
| 101 | 10.829 | 10.784 | 10.860 | VV | 873    | 17111   | 0.26%                       | 0.019% |
| 102 | 10.900 | 10.860 | 11.003 | VV | 468    | 17569   | 0.27%                       | 0.020% |
| 103 | 11.047 | 11.003 | 11.114 | PV | 388    | 11412   | 0.18%                       | 0.013% |
| 104 | 11.146 | 11.114 | 11.188 | VV | 372    | 12109   | 0.19%                       | 0.014% |
| 105 | 11.214 | 11.188 | 11.263 | VV | 317    | 9700    | 0.15%                       | 0.011% |
| 106 | 11.311 | 11.263 | 11.377 | VV | 207    | 8146    | 0.13%                       | 0.009% |
| 107 | 11.464 | 11.377 | 11.494 | PV | 1035   | 17412   | 0.27%                       | 0.020% |
| 108 | 11.532 | 11.494 | 11.588 | VV | 1495   | 26103   | 0.40%                       | 0.029% |
| 109 | 11.621 | 11.588 | 11.674 | VV | 505    | 11146   | 0.17%                       | 0.013% |
| 110 | 11.729 | 11.674 | 11.748 | PV | 137    | 3960    | 0.06%                       | 0.004% |
| 111 | 11.776 | 11.748 | 11.793 | VV | 153    | 2915    | 0.04%                       | 0.003% |
| 112 | 11.851 | 11.793 | 12.077 | VV | 250178 | 2841913 | 43.77%                      | 3.192% |
| 113 | 12.096 | 12.077 | 12.118 | VV | 233    | 4225    | 0.07%                       | 0.005% |
| 114 | 12.138 | 12.118 | 12.163 | VV | 532    | 7558    | 0.12%                       | 0.008% |
| 115 | 12.200 | 12.163 | 12.281 | VV | 952    | 19213   | 0.30%                       | 0.022% |
| 116 | 12.301 | 12.281 | 12.344 | VV | 203    | 4380    | 0.07%                       | 0.005% |
| 117 | 12.355 | 12.344 | 12.372 | VV | 148    | 1487    | 0.02%                       | 0.002% |
| 118 | 12.420 | 12.372 | 12.431 | VV | 228    | 5190    | 0.08%                       | 0.006% |
| 119 | 12.458 | 12.431 | 12.565 | VV | 10224  | 192302  | 2.96%                       | 0.216% |
| 120 | 12.582 | 12.565 | 12.638 | VV | 726    | 24268   | 0.37%                       | 0.027% |
| 121 | 12.660 | 12.638 | 12.751 | VV | 467    | 21169   | 0.33%                       | 0.024% |
| 122 | 12.780 | 12.751 | 12.798 | VV | 464    | 8963    | 0.14%                       | 0.010% |
| 123 | 12.839 | 12.798 | 12.891 | VV | 1231   | 25302   | 0.39%                       | 0.028% |
| 124 | 12.938 | 12.891 | 13.014 | VV | 887    | 30209   | 0.47%                       | 0.034% |
| 125 | 13.036 | 13.014 | 13.068 | PV | 108    | 2546    | 0.04%                       | 0.003% |
| 126 | 13.111 | 13.068 | 13.144 | PV | 173    | 6121    | 0.09%                       | 0.007% |
| 127 | 13.162 | 13.144 | 13.181 | VV | 181    | 2993    | 0.05%                       | 0.003% |
| 128 | 13.285 | 13.181 | 13.424 | VV | 165878 | 2126236 | 32.75%                      | 2.388% |
| 129 | 13.449 | 13.424 | 13.485 | VV | 1449   | 29666   | 0.46%                       | 0.033% |
| 130 | 13.513 | 13.485 | 13.657 | VV | 633    | 44642   | 0.69%                       | 0.050% |
| 131 | 13.695 | 13.657 | 13.784 | VV | 1403   | 45835   | 0.71%                       | 0.051% |
| 132 | 13.874 | 13.784 | 13.924 | VV | 351    | 22470   | 0.35%                       | 0.025% |
| 133 | 13.986 | 13.924 | 14.007 | VV | 730    | 18452   | 0.28%                       | 0.021% |
| 134 | 14.034 | 14.007 | 14.144 | VV | 2431   | 48372   | 0.74%                       | 0.054% |
| 135 | 14.163 | 14.144 | 14.222 | VV | 240    | 6674    | 0.10%                       | 0.007% |
| 136 | 14.265 | 14.222 | 14.314 | PV | 199    | 7304    | 0.11%                       | 0.008% |
| 137 | 14.473 | 14.314 | 14.497 | VV | 581    | 22058   | 0.34%                       | 0.025% |
| 138 | 14.545 | 14.497 | 14.571 | VV | 500    | 12095   | 0.19%                       | 0.014% |
| 139 | 14.596 | 14.571 | 14.628 | VV | 1374   | 18561   | 0.29%                       | 0.021% |
| 140 | 14.657 | 14.628 | 14.681 | VV | 407    | 7720    | 0.12%                       | 0.009% |
| 141 | 14.704 | 14.681 | 14.774 | VV | 256    | 9038    | 0.14%                       | 0.010% |

|                                          |        |        |        |    |       |         |        |        |   |
|------------------------------------------|--------|--------|--------|----|-------|---------|--------|--------|---|
| Instrument : FID_E                       |        |        |        |    |       |         |        |        |   |
| ClientSampleId : RES-BUILDING-PAD-NO-3DL |        |        |        |    |       |         |        |        |   |
| Manual IntegrationsAPPROVED              |        |        |        |    |       |         |        |        |   |
| Reviewed By :Yogesh Patel 11/06/2024     |        |        |        |    |       |         |        |        |   |
| Supervised By :Ankita Jodhani 11/06/2024 |        |        |        |    |       |         |        |        |   |
| 142                                      | 14.853 | 14.774 | 14.924 | PV | 256   | 10827   | 0.17%  | 0.012% | A |
| 143                                      | 15.022 | 14.924 | 15.047 | PV | 171   | 9003    |        |        | B |
| 144                                      | 15.135 | 15.047 | 15.164 | PV | 2054  | 45793   |        |        | C |
| 145                                      | 15.186 | 15.164 | 15.228 | VV | 1177  | 23209   |        |        | D |
| 146                                      | 15.265 | 15.228 | 15.304 | VV | 316   | 9761    |        |        | E |
| 147                                      | 15.332 | 15.304 | 15.364 | VV | 205   | 4154    |        |        | F |
| 148                                      | 15.525 | 15.364 | 15.631 | PV | 4562  | 130792  | 2.01%  | 0.147% | G |
| 149                                      | 15.654 | 15.631 | 15.698 | VV | 1870  | 33185   | 0.51%  | 0.037% | H |
| 150                                      | 15.724 | 15.698 | 15.757 | VV | 2481  | 37190   | 0.57%  | 0.042% | I |
| 151                                      | 15.788 | 15.757 | 15.831 | VV | 413   | 10074   | 0.16%  | 0.011% | J |
| 152                                      | 15.980 | 15.831 | 16.001 | PV | 329   | 12662   | 0.20%  | 0.014% |   |
| 153                                      | 16.154 | 16.001 | 16.198 | VV | 2463  | 57135   | 0.88%  | 0.064% |   |
| 154                                      | 16.225 | 16.198 | 16.258 | VV | 568   | 11618   | 0.18%  | 0.013% |   |
| 155                                      | 16.284 | 16.258 | 16.308 | VV | 267   | 4329    | 0.07%  | 0.005% |   |
| 156                                      | 16.351 | 16.308 | 16.401 | VV | 315   | 7914    | 0.12%  | 0.009% |   |
| 157                                      | 16.637 | 16.401 | 16.668 | PV | 2867  | 98546   | 1.52%  | 0.111% |   |
| 158                                      | 16.715 | 16.668 | 16.744 | VV | 1491  | 48230   | 0.74%  | 0.054% |   |
| 159                                      | 16.848 | 16.744 | 16.891 | VV | 1356  | 93289   | 1.44%  | 0.105% |   |
| 160                                      | 17.104 | 16.891 | 17.134 | VV | 7581  | 335645  | 5.17%  | 0.377% |   |
| 161                                      | 17.152 | 17.134 | 17.168 | VV | 3506  | 64376   | 0.99%  | 0.072% |   |
| 162                                      | 17.186 | 17.168 | 17.244 | VV | 3696  | 127965  | 1.97%  | 0.144% |   |
| 163                                      | 17.343 | 17.244 | 17.365 | VV | 3363  | 207721  | 3.20%  | 0.233% |   |
| 164                                      | 17.553 | 17.365 | 17.604 | VV | 9947  | 626845  | 9.65%  | 0.704% |   |
| 165                                      | 17.658 | 17.604 | 17.688 | VV | 4803  | 211531  | 3.26%  | 0.238% |   |
| 166                                      | 17.735 | 17.688 | 17.798 | VV | 4302  | 265636  | 4.09%  | 0.298% |   |
| 167                                      | 17.889 | 17.798 | 17.903 | VV | 4917  | 276012  | 4.25%  | 0.310% |   |
| 168                                      | 17.989 | 17.903 | 18.021 | VV | 15836 | 524390  | 8.08%  | 0.589% |   |
| 169                                      | 18.084 | 18.021 | 18.101 | VV | 8070  | 323927  | 4.99%  | 0.364% |   |
| 170                                      | 18.130 | 18.101 | 18.203 | VV | 11633 | 530903  | 8.18%  | 0.596% |   |
| 171                                      | 18.310 | 18.203 | 18.334 | VV | 9875  | 641410  | 9.88%  | 0.721% |   |
| 172                                      | 18.412 | 18.334 | 18.443 | VV | 19907 | 739318  | 11.39% | 0.830% |   |
| 173                                      | 18.497 | 18.443 | 18.551 | VV | 13088 | 707270  | 10.89% | 0.794% |   |
| 174                                      | 18.717 | 18.551 | 18.754 | VV | 12774 | 1413740 | 21.77% | 1.588% |   |
| 175                                      | 18.821 | 18.754 | 18.868 | VV | 25131 | 1063100 | 16.37% | 1.194% |   |
| 176                                      | 18.920 | 18.868 | 18.944 | VV | 16794 | 672068  | 10.35% | 0.755% |   |
| 177                                      | 18.969 | 18.944 | 19.018 | VV | 16099 | 659022  | 10.15% | 0.740% |   |
| 178                                      | 19.219 | 19.018 | 19.282 | VV | 30046 | 2941924 | 45.31% | 3.305% |   |
| 179                                      | 19.317 | 19.282 | 19.334 | VV | 21093 | 642283  | 9.89%  | 0.721% |   |
| 180                                      | 19.473 | 19.334 | 19.494 | VV | 22651 | 2046885 | 31.52% | 2.299% |   |
| 181                                      | 19.513 | 19.494 | 19.554 | VV | 22311 | 799671  | 12.32% | 0.898% |   |
| 182                                      | 19.604 | 19.554 | 19.658 | VV | 34498 | 1584384 | 24.40% | 1.780% |   |
| 183                                      | 19.673 | 19.658 | 19.690 | VV | 23917 | 459387  | 7.08%  | 0.516% |   |
| 184                                      | 19.722 | 19.690 | 19.744 | VV | 25078 | 776639  | 11.96% | 0.872% |   |
| 185                                      | 19.978 | 19.744 | 20.058 | VV | 39103 | 5474839 | 84.32% | 6.150% |   |
| 186                                      | 20.249 | 20.058 | 20.291 | VV | 38918 | 4922454 | 75.81% | 5.529% |   |
| 187                                      | 20.344 | 20.291 | 20.374 | VV | 50477 | 2109242 | 32.48% | 2.369% |   |
| 188                                      | 20.408 | 20.374 | 20.464 | VV | 43421 | 2268555 | 34.94% | 2.548% |   |
| 189                                      | 20.497 | 20.464 | 20.524 | VV | 43012 | 1521741 | 23.44% | 1.709% |   |
| 190                                      | 20.698 | 20.524 | 20.723 | VV | 52081 | 5377682 | 82.82% | 6.041% |   |
| 191                                      | 20.812 | 20.723 | 20.834 | VV | 49687 | 3263969 | 50.27% | 3.666% |   |
| 192                                      | 20.856 | 20.834 | 20.914 | VV | 49663 | 2321379 | 35.75% | 2.608% |   |
| 193                                      | 20.944 | 20.914 | 20.968 | VV | 47308 | 1505447 | 23.19% | 1.691% |   |
| 194                                      | 21.066 | 20.968 | 21.121 | VV | 57928 | 4642277 | 71.50% | 5.215% |   |

|                         |        |        |        |     |       |         |                       |        |                         |                                                                                                                                            |
|-------------------------|--------|--------|--------|-----|-------|---------|-----------------------|--------|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
|                         |        |        |        |     |       |         | Instrument :<br>FID_E |        | RES-BUILDING-PAD-NO-3DL | A                                                                                                                                          |
|                         |        |        |        |     |       |         | ClientSampleId :      |        |                         |                                                                                                                                            |
| rteres                  |        |        |        |     |       |         |                       |        |                         | <div>Manual IntegrationsAPPROVED</div> <div>Reviewed By :Yogesh Patel 11/06/2024</div> <div>Supervised By :Ankita Jodhani 11/06/2024</div> |
| 195                     | 21.141 | 21.121 | 21.204 | VV  | 49318 | 2417278 | 37.23%                | 2.715% | C                       |                                                                                                                                            |
| 196                     | 21.253 | 21.204 | 21.424 | VV  | 47950 | 6138593 | 94                    |        | D                       |                                                                                                                                            |
| 197                     | 21.481 | 21.424 | 21.508 | VV  | 47804 | 2291480 | 35                    |        | E                       |                                                                                                                                            |
| 198                     | 21.566 | 21.508 | 21.744 | VV  | 47512 | 6492994 | 100                   |        | F                       |                                                                                                                                            |
| 199                     | 21.832 | 21.744 | 21.904 | VV  | 46715 | 4366965 | 67                    |        |                         |                                                                                                                                            |
| 200                     | 21.946 | 21.904 | 22.001 | VV  | 53434 | 2740900 | 42                    |        |                         |                                                                                                                                            |
| 201                     | 22.097 | 22.001 | 22.201 | VBA | 45648 | 5359984 | 82.55%                | 6.021% |                         |                                                                                                                                            |
| Sum of corrected areas: |        |        |        |     |       |         | 89022357              |        |                         |                                                                                                                                            |

Aliphatic EPH 100824.M Tue Nov 05 12:20:40 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE110124AL\  
 Data File : FE050988.D  
 Signal(s) : FID1B.ch  
 Acq On : 02 Nov 2024 04:08  
 Operator : YP\AJ  
 Sample : P4663-08  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 RES-BUILDING-PAD-NO-2

### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/04/2024  
 Supervised By :Ankita Jodhani 11/04/2024

Integration File: sample.E  
 Quant Time: Nov 04 03:13:06 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 100824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 07 16:32:18 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response | Conc Units    |
|--------------------------------|--------|----------|---------------|
| -----                          |        |          |               |
| System Monitoring Compounds    |        |          |               |
| 9) S ortho-Terphenyl (SURR)    | 11.852 | 4154624  | 26.353 ug/mlm |
| Spiked Amount                  | 50.000 | Recovery | = 52.71%      |
| 12) S 1-chlorooctadecane (S... | 13.285 | 3149331  | 26.623 ug/ml  |
| Spiked Amount                  | 50.000 | Recovery | = 53.25%      |

Target Compounds

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE110124AL\  
Data File : FE050988.D  
Signal(s) : FID1B.ch  
Acq On : 02 Nov 2024 04:08  
Operator : YP\AJ  
Sample : P4663-08  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

## Instrument :

FID\_E

## ClientSampleId :

RES-BUILDING-PAD-NO-2

## Manual Integrations

## APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :Ankita Jodhani 11/04/2024

Integration File: sample.E

Quant Time: Nov 04 03:13:06 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 100824.

Quant Title : GC Extractables

QLast Update : Mon Oct 07 16:32:18 2024

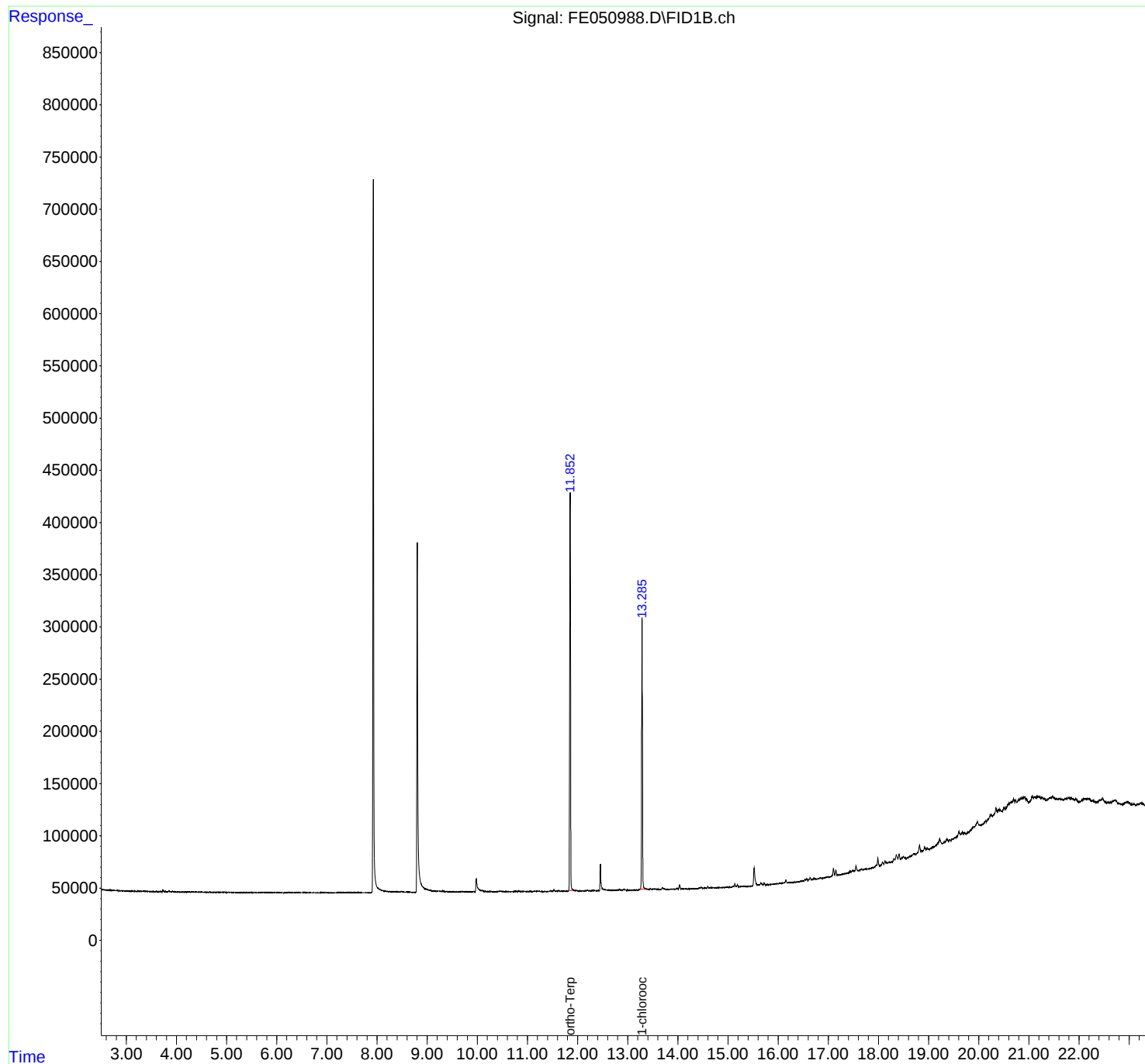
Response via : Initial Calibration

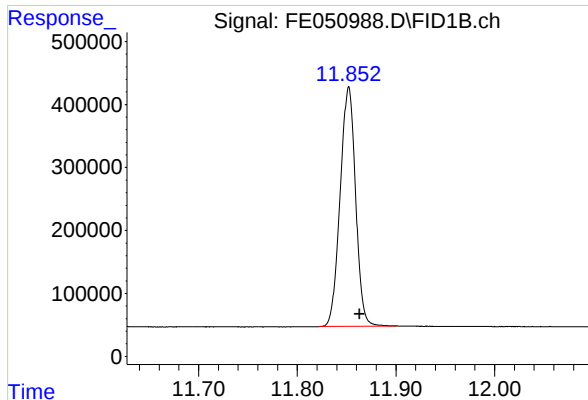
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





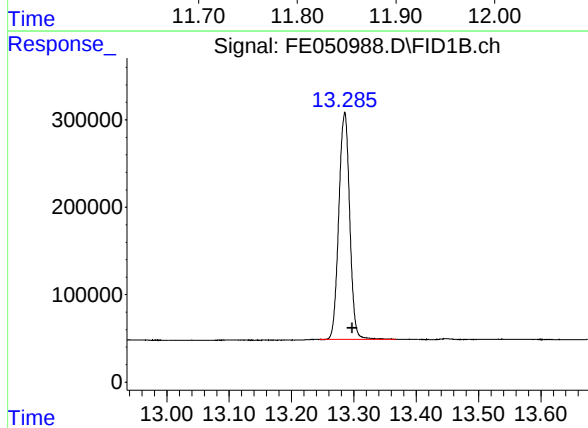
## #9 ortho-Terphenyl (SURR)

R.T.: 11.852 min  
Delta R.T.: -0.011 min  
Response: 4154624  
Conc: 26.35 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
RES-BUILDING-PAD-NO-2

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :Ankita Jodhani 11/04/2024



## #12 1-chlorooctadecane (SURR)

R.T.: 13.285 min  
Delta R.T.: -0.013 min  
Response: 3149331  
Conc: 26.62 ug/ml

Instrument :

FID\_E

ClientSampleId :

RES-BUILDING-PAD-NO-2

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :Ankita Jodhani 11/04/2024

rteres

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE11012  
 Data File : FE050988.D  
 Signal(s) : FID1B.ch  
 Acq On : 02 Nov 2024 04:08  
 Sample : P4663-08  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 100824.M  
 Title : GC Extractables

Signal : FID1B.ch

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 3.233       | 3.204        | 3.344      | BV       | 129            | 698          | 0.02%          | 0.002%        |
| 2         | 3.359       | 3.344        | 3.414      | VV       | 127            | 3405         | 0.08%          | 0.009%        |
| 3         | 3.432       | 3.414        | 3.508      | PV       | 199            | 4863         | 0.11%          | 0.013%        |
| 4         | 3.520       | 3.508        | 3.532      | PV       | 125            | 1249         | 0.03%          | 0.003%        |
| 5         | 3.539       | 3.532        | 3.545      | VV       | 104            | 580          | 0.01%          | 0.002%        |
| 6         | 3.553       | 3.545        | 3.568      | VV       | 155            | 1040         | 0.02%          | 0.003%        |
| 7         | 3.589       | 3.568        | 3.659      | VV       | 145            | 4211         | 0.10%          | 0.011%        |
| 8         | 3.680       | 3.659        | 3.707      | PV       | 310            | 4753         | 0.11%          | 0.012%        |
| 9         | 3.729       | 3.707        | 3.824      | VV       | 1721           | 28249        | 0.67%          | 0.074%        |
| 10        | 3.849       | 3.824        | 3.904      | VV       | 1113           | 20571        | 0.49%          | 0.054%        |
| 11        | 3.925       | 3.904        | 4.022      | VV       | 531            | 10683        | 0.25%          | 0.028%        |
| 12        | 4.035       | 4.022        | 4.124      | PV       | 82             | 2518         | 0.06%          | 0.007%        |
| 13        | 4.129       | 4.124        | 4.147      | VV       | 98             | 671          | 0.02%          | 0.002%        |
| 14        | 4.166       | 4.147        | 4.179      | VV       | 68             | 819          | 0.02%          | 0.002%        |
| 15        | 4.194       | 4.179        | 4.202      | VV       | 124            | 853          | 0.02%          | 0.002%        |
| 16        | 4.215       | 4.202        | 4.273      | VV       | 91             | 3571         | 0.08%          | 0.009%        |
| 17        | 4.286       | 4.273        | 4.295      | VV       | 130            | 1548         | 0.04%          | 0.004%        |
| 18        | 4.310       | 4.295        | 4.334      | VV       | 167            | 3142         | 0.07%          | 0.008%        |
| 19        | 4.357       | 4.334        | 4.374      | VV       | 260            | 3589         | 0.08%          | 0.009%        |
| 20        | 4.380       | 4.374        | 4.422      | VV       | 159            | 2750         | 0.07%          | 0.007%        |
| 21        | 4.433       | 4.422        | 4.477      | VV       | 121            | 2481         | 0.06%          | 0.006%        |
| 22        | 4.496       | 4.477        | 4.520      | VV       | 183            | 3321         | 0.08%          | 0.009%        |
| 23        | 4.542       | 4.520        | 4.598      | VV       | 164            | 3553         | 0.08%          | 0.009%        |
| 24        | 4.611       | 4.598        | 4.652      | VV       | 98             | 1590         | 0.04%          | 0.004%        |
| 25        | 4.667       | 4.652        | 4.824      | PV       | 304            | 9420         | 0.22%          | 0.025%        |
| 26        | 4.827       | 4.824        | 4.858      | VV       | 144            | 1890         | 0.04%          | 0.005%        |
| 27        | 4.889       | 4.858        | 4.900      | VV       | 138            | 2597         | 0.06%          | 0.007%        |
| 28        | 4.911       | 4.900        | 4.969      | VV       | 146            | 4806         | 0.11%          | 0.013%        |
| 29        | 4.980       | 4.969        | 4.994      | VV       | 165            | 1781         | 0.04%          | 0.005%        |
| 30        | 5.003       | 4.994        | 5.024      | VV       | 114            | 1791         | 0.04%          | 0.005%        |
| 31        | 5.032       | 5.024        | 5.088      | VV       | 157            | 3518         | 0.08%          | 0.009%        |
| 32        | 5.158       | 5.137        | 5.224      | VV       | 176            | 4073         | 0.10%          | 0.011%        |
| 33        | 5.232       | 5.224        | 5.317      | PV       | 87             | 2179         | 0.05%          | 0.006%        |
| 34        | 5.329       | 5.317        | 5.395      | PV       | 79             | 2116         | 0.05%          | 0.006%        |
| 35        | 5.406       | 5.395        | 5.455      | VV       | 87             | 1993         | 0.05%          | 0.005%        |
| 36        | 5.473       | 5.455        | 5.579      | VV       | 190            | 4606         | 0.11%          | 0.012%        |

| Instrument : FID_E                       |       |       |       |    |           |       |        |        |         |
|------------------------------------------|-------|-------|-------|----|-----------|-------|--------|--------|---------|
| ClientSampleId : RES-BUILDING-PAD-NO-2   |       |       |       |    |           |       |        |        |         |
| Manual IntegrationsAPPROVED              |       |       |       |    |           |       |        |        |         |
| Reviewed By :Yogesh Patel 11/04/2024     |       |       |       |    |           |       |        |        |         |
| Supervised By :Ankita Jodhani 11/04/2024 |       |       |       |    |           |       |        |        |         |
|                                          |       |       |       |    | retention | Area  | Height | Area%  | Height% |
| 37                                       | 5.591 | 5.579 | 5.599 | VV | 97        | 541   | 0.01%  | 0.001% |         |
| 38                                       | 5.604 | 5.599 | 5.613 | VV | 59        | 355   | 0.00%  | 0.000% |         |
| 39                                       | 5.640 | 5.613 | 5.659 | VV | 142       | 1952  | 0.01%  | 0.001% |         |
| 40                                       | 5.680 | 5.659 | 5.701 | PV | 70        | 1390  | 0.00%  | 0.000% |         |
| 41                                       | 5.724 | 5.701 | 5.782 | VV | 375       | 8073  | 0.01%  | 0.001% |         |
| 42                                       | 5.809 | 5.782 | 5.823 | VV | 152       | 3153  | 0.00%  | 0.000% |         |
| 43                                       | 5.848 | 5.823 | 5.877 | VV | 198       | 5002  | 0.012% | 0.013% |         |
| 44                                       | 5.905 | 5.877 | 5.961 | VV | 321       | 8012  | 0.019% | 0.021% |         |
| 45                                       | 5.967 | 5.961 | 6.095 | VV | 156       | 7618  | 0.018% | 0.020% |         |
| 46                                       | 6.110 | 6.095 | 6.191 | VV | 77        | 2522  | 0.006% | 0.007% |         |
| 47                                       | 6.235 | 6.191 | 6.292 | VV | 342       | 12208 | 0.029% | 0.032% |         |
| 48                                       | 6.300 | 6.292 | 6.324 | VV | 167       | 2528  | 0.006% | 0.007% |         |
| 49                                       | 6.332 | 6.324 | 6.344 | VV | 131       | 1238  | 0.003% | 0.003% |         |
| 50                                       | 6.373 | 6.344 | 6.411 | VV | 262       | 6032  | 0.014% | 0.016% |         |
| 51                                       | 6.430 | 6.411 | 6.506 | VV | 171       | 4835  | 0.011% | 0.013% |         |
| 52                                       | 6.551 | 6.506 | 6.590 | VV | 453       | 9778  | 0.023% | 0.025% |         |
| 53                                       | 6.657 | 6.590 | 6.721 | PV | 188       | 7459  | 0.018% | 0.019% |         |
| 54                                       | 6.737 | 6.721 | 6.749 | VV | 105       | 1408  | 0.003% | 0.004% |         |
| 55                                       | 6.767 | 6.749 | 6.781 | VV | 104       | 1205  | 0.003% | 0.003% |         |
| 56                                       | 6.812 | 6.781 | 6.822 | VV | 100       | 1134  | 0.003% | 0.003% |         |
| 57                                       | 6.844 | 6.822 | 6.867 | VV | 109       | 1789  | 0.004% | 0.005% |         |
| 58                                       | 6.878 | 6.867 | 6.885 | VV | 112       | 712   | 0.002% | 0.002% |         |
| 59                                       | 6.908 | 6.885 | 6.927 | VV | 120       | 2180  | 0.005% | 0.006% |         |
| 60                                       | 6.950 | 6.927 | 6.971 | VV | 165       | 2750  | 0.006% | 0.007% |         |
| 61                                       | 6.981 | 6.971 | 6.991 | VV | 104       | 985   | 0.002% | 0.003% |         |
| 62                                       | 6.997 | 6.991 | 7.056 | VV | 101       | 2447  | 0.006% | 0.006% |         |
| 63                                       | 7.067 | 7.056 | 7.085 | VV | 70        | 734   | 0.002% | 0.002% |         |
| 64                                       | 7.261 | 7.085 | 7.314 | VV | 214       | 14582 | 0.034% | 0.038% |         |
| 65                                       | 7.381 | 7.314 | 7.400 | VV | 267       | 9528  | 0.023% | 0.025% |         |
| 66                                       | 7.410 | 7.400 | 7.424 | VV | 165       | 2102  | 0.005% | 0.005% |         |
| 67                                       | 7.428 | 7.424 | 7.438 | VV | 183       | 1238  | 0.003% | 0.003% |         |
| 68                                       | 7.447 | 7.438 | 7.473 | VV | 186       | 2777  | 0.007% | 0.007% |         |
| 69                                       | 7.549 | 7.473 | 7.557 | VV | 233       | 9365  | 0.022% | 0.024% |         |
| 70                                       | 7.567 | 7.557 | 7.590 | VV | 288       | 3971  | 0.009% | 0.010% |         |
| 71                                       | 7.606 | 7.590 | 7.624 | VV | 367       | 4748  | 0.011% | 0.012% |         |
| 72                                       | 7.628 | 7.624 | 7.672 | VV | 237       | 3735  | 0.009% | 0.010% |         |
| 73                                       | 7.692 | 7.672 | 7.710 | VV | 139       | 2303  | 0.005% | 0.006% |         |
| 74                                       | 7.722 | 7.710 | 7.754 | VV | 98        | 2166  | 0.005% | 0.006% |         |
| 75                                       | 7.773 | 7.754 | 7.828 | VV | 353       | 4151  | 0.010% | 0.011% |         |
| 76                                       | 7.837 | 7.828 | 7.854 | PV | 72        | 536   | 0.001% | 0.001% |         |
| 77                                       | 8.292 | 8.282 | 8.348 | VV | 791       | 28844 | 0.68%  | 0.075% |         |
| 78                                       | 8.353 | 8.348 | 8.365 | VV | 651       | 6693  | 0.16%  | 0.017% |         |
| 79                                       | 8.393 | 8.365 | 8.442 | VV | 1005      | 33118 | 0.78%  | 0.086% |         |
| 80                                       | 8.488 | 8.442 | 8.558 | VV | 1038      | 45559 | 1.08%  | 0.119% |         |
| 81                                       | 8.630 | 8.558 | 8.711 | VV | 437       | 30769 | 0.73%  | 0.080% |         |
| 82                                       | 8.724 | 8.711 | 8.774 | VV | 342       | 8964  | 0.21%  | 0.023% |         |
| 83                                       | 9.166 | 9.154 | 9.203 | VV | 1130      | 30169 | 0.71%  | 0.079% |         |
| 84                                       | 9.226 | 9.203 | 9.281 | VV | 1302      | 47644 | 1.13%  | 0.124% |         |
| 85                                       | 9.312 | 9.281 | 9.384 | VV | 1383      | 50284 | 1.19%  | 0.131% |         |
| 86                                       | 9.400 | 9.384 | 9.421 | VV | 635       | 11313 | 0.27%  | 0.029% |         |
| 87                                       | 9.430 | 9.421 | 9.477 | VV | 458       | 13282 | 0.31%  | 0.035% |         |
| 88                                       | 9.497 | 9.477 | 9.577 | VV | 462       | 19816 | 0.47%  | 0.052% |         |
| 89                                       | 9.600 | 9.577 | 9.654 | VV | 300       | 10818 | 0.26%  | 0.028% |         |

|     |        |        |        |    |        |         |                                           |         |                                                                                  |
|-----|--------|--------|--------|----|--------|---------|-------------------------------------------|---------|----------------------------------------------------------------------------------|
|     |        |        |        |    |        |         | Instrument :<br>FID_E                     |         | A                                                                                |
|     |        |        |        |    |        |         | ClientSampleId :<br>RES-BUILDING-PAD-NO-2 |         |                                                                                  |
| 90  | 9.707  | 9.654  | 9.748  | VV | 517    | 21403   | 0.51%                                     | 0.056%  | Manual IntegrationsAPPROVED                                                      |
| 91  | 9.767  | 9.748  | 9.834  | VV | 379    | 14723   |                                           |         |                                                                                  |
| 92  | 9.858  | 9.834  | 9.908  | VV | 276    | 8595    |                                           |         |                                                                                  |
| 93  | 9.928  | 9.908  | 9.954  | VV | 369    | 5447    |                                           |         |                                                                                  |
| 94  | 9.981  | 9.954  | 10.071 | VV | 12613  | 279099  |                                           |         |                                                                                  |
| 95  | 10.089 | 10.071 | 10.198 | VV | 1677   | 62129   |                                           |         | Reviewed By :Yogesh Patel 11/04/2024<br>Supervised By :Ankita Jodhani 11/04/2024 |
| 96  | 10.211 | 10.198 | 10.238 | VV | 441    | 9310    | 0.22%                                     | 0.024%  |                                                                                  |
| 97  | 10.248 | 10.238 | 10.398 | VV | 367    | 19241   | 0.45%                                     | 0.050%  |                                                                                  |
| 98  | 10.445 | 10.398 | 10.462 | VV | 733    | 15138   | 0.36%                                     | 0.039%  |                                                                                  |
| 99  | 10.477 | 10.462 | 10.500 | VV | 550    | 9291    | 0.22%                                     | 0.024%  |                                                                                  |
| 100 | 10.511 | 10.500 | 10.531 | VV | 279    | 4383    | 0.10%                                     | 0.011%  |                                                                                  |
| 101 | 10.561 | 10.531 | 10.601 | VV | 280    | 9229    | 0.22%                                     | 0.024%  |                                                                                  |
| 102 | 10.615 | 10.601 | 10.674 | VV | 253    | 6146    | 0.15%                                     | 0.016%  |                                                                                  |
| 103 | 10.751 | 10.674 | 10.781 | VV | 496    | 14199   | 0.34%                                     | 0.037%  |                                                                                  |
| 104 | 10.828 | 10.781 | 10.870 | VV | 925    | 19267   | 0.46%                                     | 0.050%  |                                                                                  |
| 105 | 10.897 | 10.870 | 10.928 | VV | 352    | 7804    | 0.18%                                     | 0.020%  |                                                                                  |
| 106 | 10.935 | 10.928 | 11.018 | VV | 305    | 7992    | 0.19%                                     | 0.021%  |                                                                                  |
| 107 | 11.049 | 11.018 | 11.078 | VV | 310    | 6066    | 0.14%                                     | 0.016%  |                                                                                  |
| 108 | 11.139 | 11.078 | 11.189 | PV | 510    | 16738   | 0.40%                                     | 0.044%  |                                                                                  |
| 109 | 11.213 | 11.189 | 11.265 | VV | 352    | 10285   | 0.24%                                     | 0.027%  |                                                                                  |
| 110 | 11.283 | 11.265 | 11.299 | VV | 139    | 2670    | 0.06%                                     | 0.007%  |                                                                                  |
| 111 | 11.306 | 11.299 | 11.327 | VV | 144    | 1691    | 0.04%                                     | 0.004%  |                                                                                  |
| 112 | 11.336 | 11.327 | 11.358 | VV | 157    | 1383    | 0.03%                                     | 0.004%  |                                                                                  |
| 113 | 11.417 | 11.358 | 11.431 | VV | 124    | 1693    | 0.04%                                     | 0.004%  |                                                                                  |
| 114 | 11.463 | 11.431 | 11.501 | VV | 1073   | 15850   | 0.37%                                     | 0.041%  |                                                                                  |
| 115 | 11.531 | 11.501 | 11.593 | VV | 1663   | 27637   | 0.65%                                     | 0.072%  |                                                                                  |
| 116 | 11.620 | 11.593 | 11.658 | VV | 769    | 13766   | 0.33%                                     | 0.036%  |                                                                                  |
| 117 | 11.694 | 11.658 | 11.710 | VV | 264    | 3597    | 0.09%                                     | 0.009%  |                                                                                  |
| 118 | 11.730 | 11.710 | 11.754 | VV | 299    | 3099    | 0.07%                                     | 0.008%  |                                                                                  |
| 119 | 11.775 | 11.754 | 11.794 | PV | 94     | 1466    | 0.03%                                     | 0.004%  |                                                                                  |
| 120 | 11.852 | 11.794 | 11.975 | VV | 377479 | 4231234 | 100.00%                                   | 11.017% |                                                                                  |
| 121 | 11.986 | 11.975 | 12.003 | VV | 548    | 7406    | 0.18%                                     | 0.019%  |                                                                                  |
| 122 | 12.015 | 12.003 | 12.068 | VV | 377    | 8980    | 0.21%                                     | 0.023%  |                                                                                  |
| 123 | 12.080 | 12.068 | 12.114 | VV | 167    | 2990    | 0.07%                                     | 0.008%  |                                                                                  |
| 124 | 12.138 | 12.114 | 12.162 | VV | 330    | 4993    | 0.12%                                     | 0.013%  |                                                                                  |
| 125 | 12.200 | 12.162 | 12.234 | VV | 1027   | 16753   | 0.40%                                     | 0.044%  |                                                                                  |
| 126 | 12.240 | 12.234 | 12.276 | VV | 134    | 2333    | 0.06%                                     | 0.006%  |                                                                                  |
| 127 | 12.306 | 12.276 | 12.373 | VV | 357    | 12409   | 0.29%                                     | 0.032%  |                                                                                  |
| 128 | 12.405 | 12.373 | 12.428 | PV | 306    | 5443    | 0.13%                                     | 0.014%  |                                                                                  |
| 129 | 12.456 | 12.428 | 12.541 | VV | 25649  | 359560  | 8.50%                                     | 0.936%  |                                                                                  |
| 130 | 12.552 | 12.541 | 12.568 | VV | 887    | 12883   | 0.30%                                     | 0.034%  |                                                                                  |
| 131 | 12.578 | 12.568 | 12.633 | VV | 745    | 23063   | 0.55%                                     | 0.060%  |                                                                                  |
| 132 | 12.651 | 12.633 | 12.698 | VV | 564    | 15982   | 0.38%                                     | 0.042%  |                                                                                  |
| 133 | 12.717 | 12.698 | 12.733 | VV | 331    | 5177    | 0.12%                                     | 0.013%  |                                                                                  |
| 134 | 12.775 | 12.733 | 12.800 | VV | 509    | 12475   | 0.29%                                     | 0.032%  |                                                                                  |
| 135 | 12.837 | 12.800 | 12.881 | VV | 1276   | 25449   | 0.60%                                     | 0.066%  |                                                                                  |
| 136 | 12.919 | 12.881 | 13.008 | VV | 943    | 29805   | 0.70%                                     | 0.078%  |                                                                                  |
| 137 | 13.015 | 13.008 | 13.031 | VV | 51     | 391     | 0.01%                                     | 0.001%  |                                                                                  |
| 138 | 13.100 | 13.031 | 13.142 | PV | 279    | 6858    | 0.16%                                     | 0.018%  |                                                                                  |
| 139 | 13.159 | 13.142 | 13.173 | PV | 127    | 1463    | 0.03%                                     | 0.004%  |                                                                                  |
| 140 | 13.194 | 13.173 | 13.204 | VV | 176    | 1842    | 0.04%                                     | 0.005%  |                                                                                  |
| 141 | 13.240 | 13.204 | 13.250 | VV | 868    | 13363   | 0.32%                                     | 0.035%  |                                                                                  |

| Instrument :<br>FID_E<br>ClientSampleId :<br>RES-BUILDING-PAD-NO-2 |        |        |        |    |        |         |        |        |   |
|--------------------------------------------------------------------|--------|--------|--------|----|--------|---------|--------|--------|---|
| 142                                                                | 13.285 | 13.250 | 13.377 | VV | 258064 | 3210449 | 75.88% | 8.359% | A |
| 143                                                                | 13.391 | 13.377 | 13.427 | VV | 809    | 18877   |        |        | B |
| 144                                                                | 13.449 | 13.427 | 13.472 | VV | 1389   | 22508   |        |        | C |
| 145                                                                | 13.507 | 13.472 | 13.517 | VV | 639    | 15187   |        |        | D |
| 146                                                                | 13.537 | 13.517 | 13.551 | VV | 760    | 13140   |        |        | E |
| 147                                                                | 13.569 | 13.551 | 13.657 | VV | 586    | 21930   |        |        | F |
| 148                                                                | 13.691 | 13.657 | 13.784 | VV | 2102   | 50733   | 1.20%  | 0.132% | G |
| 149                                                                | 13.828 | 13.784 | 13.848 | VV | 221    | 6803    | 0.16%  | 0.018% | H |
| 150                                                                | 13.868 | 13.848 | 13.884 | VV | 243    | 4550    | 0.11%  | 0.012% | I |
| 151                                                                | 13.894 | 13.884 | 13.909 | VV | 281    | 2564    | 0.06%  | 0.007% | J |
| 152                                                                | 13.915 | 13.909 | 13.934 | VV | 148    | 1365    | 0.03%  | 0.004% |   |
| 153                                                                | 13.988 | 13.934 | 14.008 | PV | 866    | 16940   | 0.40%  | 0.044% |   |
| 154                                                                | 14.034 | 14.008 | 14.111 | VV | 4252   | 64613   | 1.53%  | 0.168% |   |
| 155                                                                | 14.123 | 14.111 | 14.214 | VV | 226    | 6287    | 0.15%  | 0.016% |   |
| 156                                                                | 14.254 | 14.214 | 14.277 | PV | 210    | 3906    | 0.09%  | 0.010% |   |
| 157                                                                | 14.299 | 14.277 | 14.334 | VV | 173    | 3219    | 0.08%  | 0.008% |   |
| 158                                                                | 14.365 | 14.334 | 14.376 | VV | 117    | 1608    | 0.04%  | 0.004% |   |
| 159                                                                | 14.438 | 14.376 | 14.455 | PV | 923    | 18782   | 0.44%  | 0.049% |   |
| 160                                                                | 14.472 | 14.455 | 14.498 | VV | 1138   | 18000   | 0.43%  | 0.047% |   |
| 161                                                                | 14.546 | 14.498 | 14.574 | VV | 480    | 13195   | 0.31%  | 0.034% |   |
| 162                                                                | 14.596 | 14.574 | 14.622 | VV | 1994   | 25443   | 0.60%  | 0.066% |   |
| 163                                                                | 14.656 | 14.622 | 14.673 | VV | 496    | 10925   | 0.26%  | 0.028% |   |
| 164                                                                | 14.702 | 14.673 | 14.784 | VV | 391    | 14754   | 0.35%  | 0.038% |   |
| 165                                                                | 14.845 | 14.784 | 14.881 | VV | 291    | 8739    | 0.21%  | 0.023% |   |
| 166                                                                | 14.889 | 14.881 | 14.908 | VV | 162    | 1623    | 0.04%  | 0.004% |   |
| 167                                                                | 14.991 | 14.908 | 15.054 | VV | 459    | 13547   | 0.32%  | 0.035% |   |
| 168                                                                | 15.135 | 15.054 | 15.161 | VV | 3123   | 59877   | 1.42%  | 0.156% |   |
| 169                                                                | 15.185 | 15.161 | 15.234 | VV | 1980   | 33942   | 0.80%  | 0.088% |   |
| 170                                                                | 15.257 | 15.234 | 15.271 | VV | 256    | 5408    | 0.13%  | 0.014% |   |
| 171                                                                | 15.288 | 15.271 | 15.297 | VV | 193    | 2745    | 0.06%  | 0.007% |   |
| 172                                                                | 15.335 | 15.297 | 15.361 | VV | 368    | 8585    | 0.20%  | 0.022% |   |
| 173                                                                | 15.391 | 15.361 | 15.404 | VV | 145    | 2545    | 0.06%  | 0.007% |   |
| 174                                                                | 15.439 | 15.404 | 15.449 | PV | 180    | 2167    | 0.05%  | 0.006% |   |
| 175                                                                | 15.519 | 15.449 | 15.624 | VV | 17417  | 374866  | 8.86%  | 0.976% |   |
| 176                                                                | 15.654 | 15.624 | 15.697 | VV | 2708   | 60190   | 1.42%  | 0.157% |   |
| 177                                                                | 15.723 | 15.697 | 15.764 | VV | 1959   | 33227   | 0.79%  | 0.087% |   |
| 178                                                                | 15.787 | 15.764 | 15.816 | VV | 310    | 6375    | 0.15%  | 0.017% |   |
| 179                                                                | 15.981 | 15.816 | 15.994 | VV | 347    | 16910   | 0.40%  | 0.044% |   |
| 180                                                                | 16.040 | 15.994 | 16.078 | VV | 685    | 21867   | 0.52%  | 0.057% |   |
| 181                                                                | 16.122 | 16.078 | 16.130 | VV | 737    | 15727   | 0.37%  | 0.041% |   |
| 182                                                                | 16.154 | 16.130 | 16.185 | VV | 3184   | 47953   | 1.13%  | 0.125% |   |
| 183                                                                | 16.222 | 16.185 | 16.262 | VV | 578    | 17090   | 0.40%  | 0.044% |   |
| 184                                                                | 16.294 | 16.262 | 16.316 | VV | 252    | 5200    | 0.12%  | 0.014% |   |
| 185                                                                | 16.352 | 16.316 | 16.361 | PV | 312    | 6405    | 0.15%  | 0.017% |   |
| 186                                                                | 16.408 | 16.361 | 16.418 | VV | 146    | 5084    | 0.12%  | 0.013% |   |
| 187                                                                | 16.536 | 16.418 | 16.558 | PV | 1622   | 41167   | 0.97%  | 0.107% |   |
| 188                                                                | 16.574 | 16.558 | 16.610 | VV | 1895   | 31939   | 0.75%  | 0.083% |   |
| 189                                                                | 16.637 | 16.610 | 16.664 | VV | 2657   | 37090   | 0.88%  | 0.097% |   |
| 190                                                                | 16.719 | 16.664 | 16.746 | VV | 1194   | 28184   | 0.67%  | 0.073% |   |
| 191                                                                | 16.794 | 16.746 | 16.806 | VV | 350    | 6025    | 0.14%  | 0.016% |   |
| 192                                                                | 16.840 | 16.806 | 16.881 | VV | 576    | 12426   | 0.29%  | 0.032% |   |
| 193                                                                | 17.008 | 16.881 | 17.031 | PV | 424    | 16322   | 0.39%  | 0.042% |   |
| 194                                                                | 17.102 | 17.031 | 17.128 | VV | 7529   | 128201  | 3.03%  | 0.334% |   |

|        |        |        |        |    |       |         | Instrument :<br>FID_E                     |        | A |
|--------|--------|--------|--------|----|-------|---------|-------------------------------------------|--------|---|
|        |        |        |        |    |       |         | ClientSampleId :<br>RES-BUILDING-PAD-NO-2 |        |   |
| rteres |        |        |        |    |       |         | 1.86% 0.205%                              |        | B |
|        |        |        |        |    |       |         | Manual IntegrationsAPPROVED               |        | C |
|        |        |        |        |    |       |         | Reviewed By :Yogesh Patel 11/04/2024      |        | D |
|        |        |        |        |    |       |         | Supervised By :Ankita Jodhani 11/04/2024  |        | E |
| 195    | 17.151 | 17.128 | 17.173 | VV | 5414  | 78590   |                                           |        | F |
| 196    | 17.186 | 17.173 | 17.214 | VV | 972   | 13156   |                                           |        | G |
| 197    | 17.298 | 17.214 | 17.311 | PV | 289   | 8139    |                                           |        | H |
| 198    | 17.347 | 17.311 | 17.358 | VV | 483   | 9950    |                                           |        | I |
| 199    | 17.438 | 17.358 | 17.456 | VV | 1413  | 40397   |                                           |        | J |
| 200    | 17.487 | 17.456 | 17.498 | VV | 1585  | 34130   |                                           |        |   |
| 201    | 17.513 | 17.498 | 17.526 | VV | 1469  | 23127   | 0.55%                                     | 0.060% |   |
| 202    | 17.552 | 17.526 | 17.594 | VV | 5664  | 99063   | 2.34%                                     | 0.258% |   |
| 203    | 17.660 | 17.594 | 17.685 | VV | 998   | 39443   | 0.93%                                     | 0.103% |   |
| 204    | 17.729 | 17.685 | 17.741 | VV | 719   | 14776   | 0.35%                                     | 0.038% |   |
| 205    | 17.837 | 17.741 | 17.850 | VV | 339   | 14429   | 0.34%                                     | 0.038% |   |
| 206    | 17.884 | 17.850 | 17.896 | PV | 469   | 6961    | 0.16%                                     | 0.018% |   |
| 207    | 17.953 | 17.896 | 17.966 | VV | 1850  | 31915   | 0.75%                                     | 0.083% |   |
| 208    | 17.988 | 17.966 | 18.019 | VV | 8002  | 111048  | 2.62%                                     | 0.289% |   |
| 209    | 18.081 | 18.019 | 18.104 | VV | 3171  | 55158   | 1.30%                                     | 0.144% |   |
| 210    | 18.130 | 18.104 | 18.151 | VV | 3536  | 59886   | 1.42%                                     | 0.156% |   |
| 211    | 18.164 | 18.151 | 18.186 | VV | 1358  | 24669   | 0.58%                                     | 0.064% |   |
| 212    | 18.219 | 18.186 | 18.240 | VV | 1077  | 23110   | 0.55%                                     | 0.060% |   |
| 213    | 18.309 | 18.240 | 18.328 | VV | 3361  | 74406   | 1.76%                                     | 0.194% |   |
| 214    | 18.355 | 18.328 | 18.388 | VV | 6140  | 139973  | 3.31%                                     | 0.364% |   |
| 215    | 18.412 | 18.388 | 18.439 | VV | 6289  | 105662  | 2.50%                                     | 0.275% |   |
| 216    | 18.496 | 18.439 | 18.560 | VV | 2813  | 97813   | 2.31%                                     | 0.255% |   |
| 217    | 18.700 | 18.560 | 18.748 | PV | 2552  | 134254  | 3.17%                                     | 0.350% |   |
| 218    | 18.818 | 18.748 | 18.871 | VV | 9053  | 277285  | 6.55%                                     | 0.722% |   |
| 219    | 18.922 | 18.871 | 18.946 | VV | 5530  | 167529  | 3.96%                                     | 0.436% |   |
| 220    | 18.968 | 18.946 | 19.013 | VV | 3886  | 125480  | 2.97%                                     | 0.327% |   |
| 221    | 19.220 | 19.013 | 19.273 | VV | 9509  | 703224  | 16.62%                                    | 1.831% |   |
| 222    | 19.312 | 19.273 | 19.323 | VV | 5005  | 132219  | 3.12%                                     | 0.344% |   |
| 223    | 19.368 | 19.323 | 19.398 | VV | 6612  | 248090  | 5.86%                                     | 0.646% |   |
| 224    | 19.421 | 19.398 | 19.443 | VV | 5773  | 138921  | 3.28%                                     | 0.362% |   |
| 225    | 19.605 | 19.443 | 19.638 | VV | 11170 | 788552  | 18.64%                                    | 2.053% |   |
| 226    | 19.674 | 19.638 | 19.694 | VV | 9431  | 279064  | 6.60%                                     | 0.727% |   |
| 227    | 19.713 | 19.694 | 19.754 | VV | 8358  | 266767  | 6.30%                                     | 0.695% |   |
| 228    | 19.787 | 19.754 | 19.802 | VV | 7867  | 208312  | 4.92%                                     | 0.542% |   |
| 229    | 19.898 | 19.802 | 19.906 | VV | 11334 | 583600  | 13.79%                                    | 1.520% |   |
| 230    | 19.975 | 19.906 | 20.006 | VV | 14997 | 754617  | 17.83%                                    | 1.965% |   |
| 231    | 20.021 | 20.006 | 20.038 | VV | 11460 | 214412  | 5.07%                                     | 0.558% |   |
| 232    | 20.141 | 20.038 | 20.157 | VV | 12938 | 843909  | 19.94%                                    | 2.197% |   |
| 233    | 20.243 | 20.157 | 20.278 | VV | 18236 | 1132064 | 26.75%                                    | 2.948% |   |
| 234    | 20.345 | 20.278 | 20.365 | VV | 22408 | 983070  | 23.23%                                    | 2.560% |   |
| 235    | 20.415 | 20.365 | 20.458 | VV | 20479 | 1093757 | 25.85%                                    | 2.848% |   |
| 236    | 20.506 | 20.458 | 20.524 | VV | 21433 | 775627  | 18.33%                                    | 2.020% |   |
| 237    | 20.697 | 20.524 | 20.719 | VV | 26350 | 2725395 | 64.41%                                    | 7.096% |   |
| 238    | 20.737 | 20.719 | 20.758 | VV | 24714 | 555448  | 13.13%                                    | 1.446% |   |
| 239    | 20.802 | 20.758 | 20.814 | VV | 24727 | 797729  | 18.85%                                    | 2.077% |   |
| 240    | 20.848 | 20.814 | 20.871 | VV | 25024 | 839018  | 19.83%                                    | 2.185% |   |
| 241    | 20.908 | 20.871 | 20.995 | VV | 25148 | 1723195 | 40.73%                                    | 4.487% |   |
| 242    | 21.068 | 20.995 | 21.092 | VV | 23543 | 1231176 | 29.10%                                    | 3.206% |   |
| 243    | 21.115 | 21.092 | 21.168 | VV | 22563 | 998159  | 23.59%                                    | 2.599% |   |
| 244    | 21.184 | 21.168 | 21.200 | VV | 21918 | 422896  | 9.99%                                     | 1.101% |   |
| 245    | 21.219 | 21.200 | 21.246 | VV | 21443 | 567030  | 13.40%                                    | 1.476% |   |
| 246    | 21.266 | 21.246 | 21.348 | VV | 20157 | 1119011 | 26.45%                                    | 2.914% |   |

|                         |        |        |        |    |          |         |        |        |  |
|-------------------------|--------|--------|--------|----|----------|---------|--------|--------|--|
| rteres                  |        |        |        |    |          |         |        |        |  |
| 247                     | 21.478 | 21.348 | 21.537 | VV | 17967    | 1883787 | 44.52% | 4.905% |  |
| 248                     | 21.587 | 21.537 | 21.654 | VV | 13956    | 955384  | 22.00% | 0.000% |  |
| 249                     | 21.663 | 21.654 | 21.674 | VV | 12265    | 145008  | 3.00%  | 0.000% |  |
| 250                     | 21.723 | 21.674 | 21.733 | VV | 12354    | 420680  | 9.00%  | 0.000% |  |
| 251                     | 21.747 | 21.733 | 21.758 | VV | 12230    | 176416  | 4.00%  | 0.000% |  |
| 252                     | 21.809 | 21.758 | 21.824 | VV | 11799    | 465219  | 10.00% | 0.000% |  |
| 253                     | 21.835 | 21.824 | 21.904 | VV | 10984    | 488681  | 11.55% | 1.272% |  |
| 254                     | 21.937 | 21.904 | 21.998 | VV | 8950     | 420482  | 9.94%  | 1.095% |  |
| 255                     | 22.010 | 21.998 | 22.023 | VV | 5304     | 76779   | 1.81%  | 0.200% |  |
| 256                     | 22.126 | 22.023 | 22.153 | VV | 6526     | 481412  | 11.38% | 1.254% |  |
| 257                     | 22.174 | 22.153 | 22.246 | VV | 5891     | 270007  | 6.38%  | 0.703% |  |
| Sum of corrected areas: |        |        |        |    | 38404854 |         |        |        |  |

Instrument :  
FID\_E  
ClientSampleId :  
RES-BUILDING-PAD-NO-2

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :Ankita Jodhani 11/04/2024

Aliphatic EPH 100824.M Mon Nov 04 04:41:56 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE110124AL\  
 Data File : FE050965.D  
 Signal(s) : FID1B.ch  
 Acq On : 01 Nov 2024 15:33  
 Operator : YP\AJ  
 Sample : PB164589BL  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

## Instrument :

FID\_E

ClientSampleId :

PB164589BL

## Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :Ankita Jodhani 11/04/2024

Integration File: sample.E

Quant Time: Nov 04 03:09:51 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 100824.M

Quant Title : GC Extractables

QLast Update : Mon Oct 07 16:32:18 2024

Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response | Conc Units    |
|--------------------------------|--------|----------|---------------|
| -----                          |        |          |               |
| System Monitoring Compounds    |        |          |               |
| 9) S ortho-Terphenyl (SURR)    | 11.853 | 5744957  | 36.440 ug/mlm |
| Spiked Amount                  | 50.000 | Recovery | = 72.88%      |
| 12) S 1-chlorooctadecane (S... | 13.287 | 4409327  | 37.275 ug/ml  |
| Spiked Amount                  | 50.000 | Recovery | = 74.55%      |

Target Compounds

(f)=RT Delta &gt; 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE110124AL\  
Data File : FE050965.D  
Signal(s) : FID1B.ch  
Acq On : 01 Nov 2024 15:33  
Operator : YP\AJ  
Sample : PB164589BL  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

## Instrument :

FID\_E

## ClientSampleId :

PB164589BL

## Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :Ankita Jodhani 11/04/2024

Integration File: sample.E

Quant Time: Nov 04 03:09:51 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 100824.

Quant Title : GC Extractables

QLast Update : Mon Oct 07 16:32:18 2024

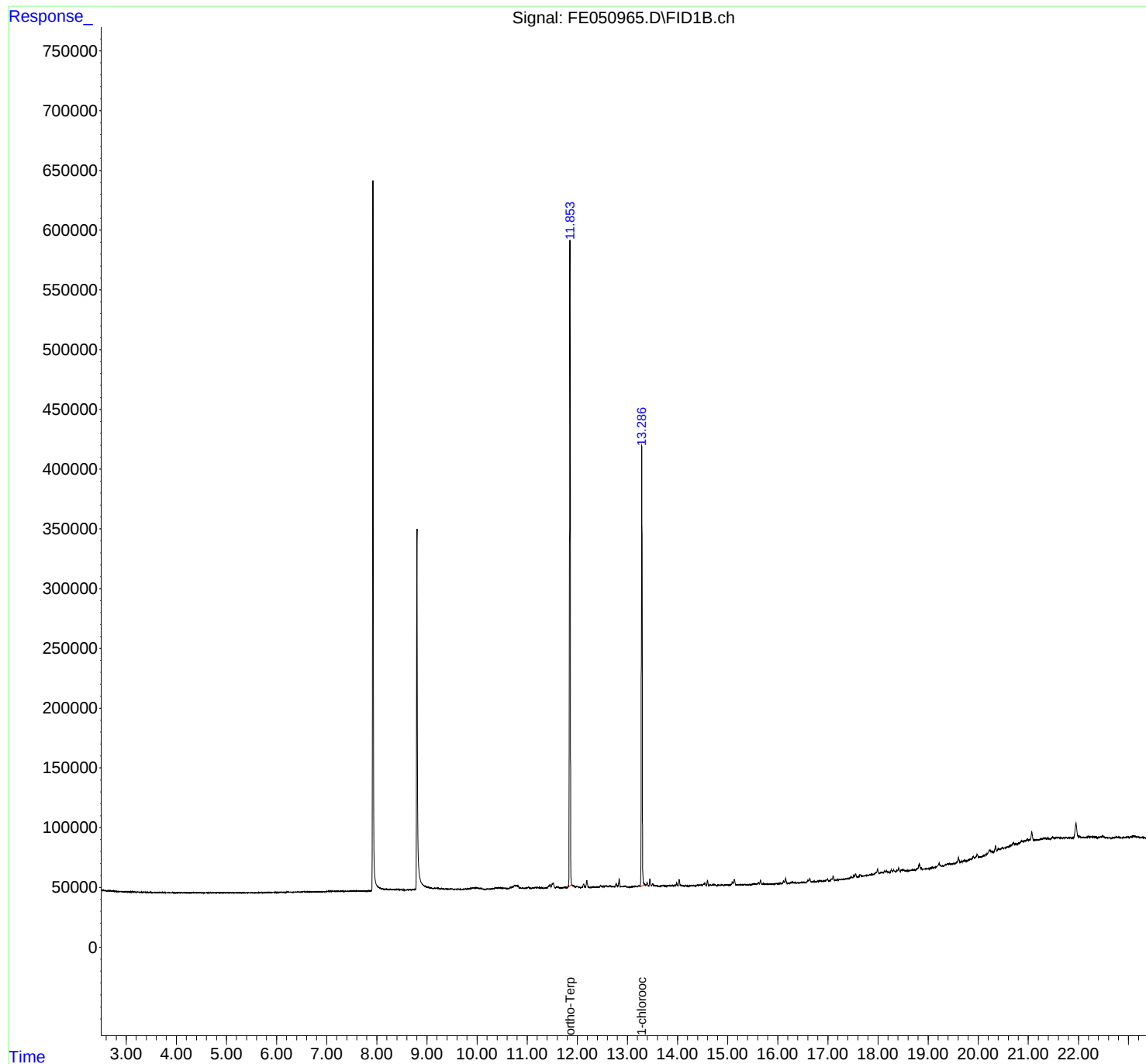
Response via : Initial Calibration

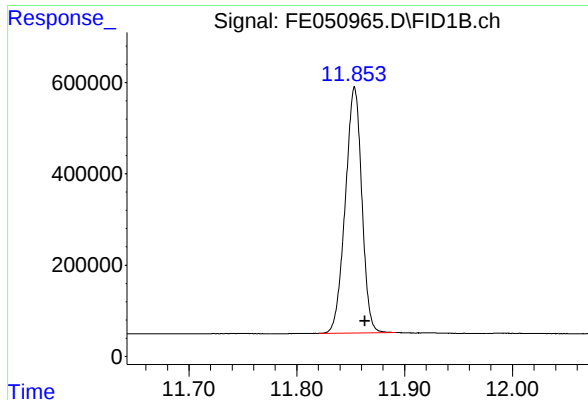
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





## #9 ortho-Terphenyl (SURR)

R.T.: 11.853 min  
Delta R.T.: -0.010 min  
Response: 5744957  
Conc: 36.44 ug/ml

Instrument :

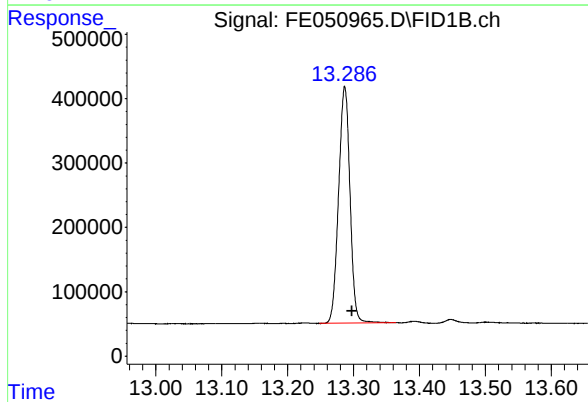
FID\_E

ClientSampleId :

PB164589BL

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :Ankita Jodhani 11/04/2024



## #12 1-chlorooctadecane (SURR)

R.T.: 13.287 min  
Delta R.T.: -0.011 min  
Response: 4409327  
Conc: 37.27 ug/ml

rteres

Instrument :

FID\_E

ClientSampleId :

PB164589BL

## Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :Ankita Jodhani 11/04/2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE11012

Data File : FE050965.D

Signal(s) : FID1B.ch

Acq On : 01 Nov 2024 15:33

Sample : PB164589BL

Misc :

ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 100824.M

Title : GC Extractables

Signal : FID1B.ch

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| ---       | -----       | -----        | -----      | -----    | -----          | -----        | -----          | -----         |

No peaks were detected!

Aliphatic EPH 100824.M Mon Nov 04 05:12:38 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE110124AL\  
 Data File : FE050966.D  
 Signal(s) : FID1B.ch  
 Acq On : 01 Nov 2024 16:03  
 Operator : YP\AJ  
 Sample : PB164589BS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

## Instrument :

FID\_E

ClientSampleId :

PB164589BS

## Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :Ankita Jodhani 11/04/2024

Integration File: sample.E

Quant Time: Nov 04 03:09:59 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 100824.M

Quant Title : GC Extractables

QLast Update : Mon Oct 07 16:32:18 2024

Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units    |
|--------------------------------|--------|------------|---------------|
| -----                          |        |            |               |
| System Monitoring Compounds    |        |            |               |
| 9) S ortho-Terphenyl (SURR)    | 11.856 | 6651573    | 42.191 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 84.38%        |
| 12) S 1-chlorooctadecane (S... | 13.289 | 5363050    | 45.337 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 90.67%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.248  | 5882181    | 41.632 ug/ml  |
| 2) T n-Decane (C10)            | 4.496  | 6241351    | 43.501 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.205  | 6388363    | 44.677 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.662  | 6529327    | 45.363 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.300  | 5836522    | 44.056 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.490  | 6522827    | 45.593 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.093 | 6416662    | 43.600 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.535 | 6466225    | 43.290 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.843 | 6479940    | 45.188 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.454 | 6229737    | 44.361 ug/ml  |
| 13) T n-Docosane (C22)         | 14.039 | 6202768    | 44.212 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.140 | 11485574   | 81.298 ug/mlm |
| 15) T n-Hexacosane (C26)       | 16.160 | 6142892    | 43.654 ug/mlm |
| 16) T n-Octacosane (C28)       | 17.108 | 6881626    | 47.028 ug/mlm |
| 17) T n-Tricontane (C30)       | 17.995 | 6414885    | 40.345 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.826 | 6513615    | 40.179 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.610 | 6691817    | 45.556 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.349 | 6665983    | 52.565 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.074 | 6524625    | 52.768 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.955 | 5934705    | 53.298 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta &gt; 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE110124AL\  
Data File : FE050966.D  
Signal(s) : FID1B.ch  
Acq On : 01 Nov 2024 16:03  
Operator : YP\AJ  
Sample : PB164589BS  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

## Instrument :

FID\_E

## Client SampleId :

PB164589BS

## Manual Integrations

## APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :Ankita Jodhani 11/04/2024

Integration File: sample.E

Quant Time: Nov 04 03:09:59 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 100824.

Quant Title : GC Extractables

QLast Update : Mon Oct 07 16:32:18 2024

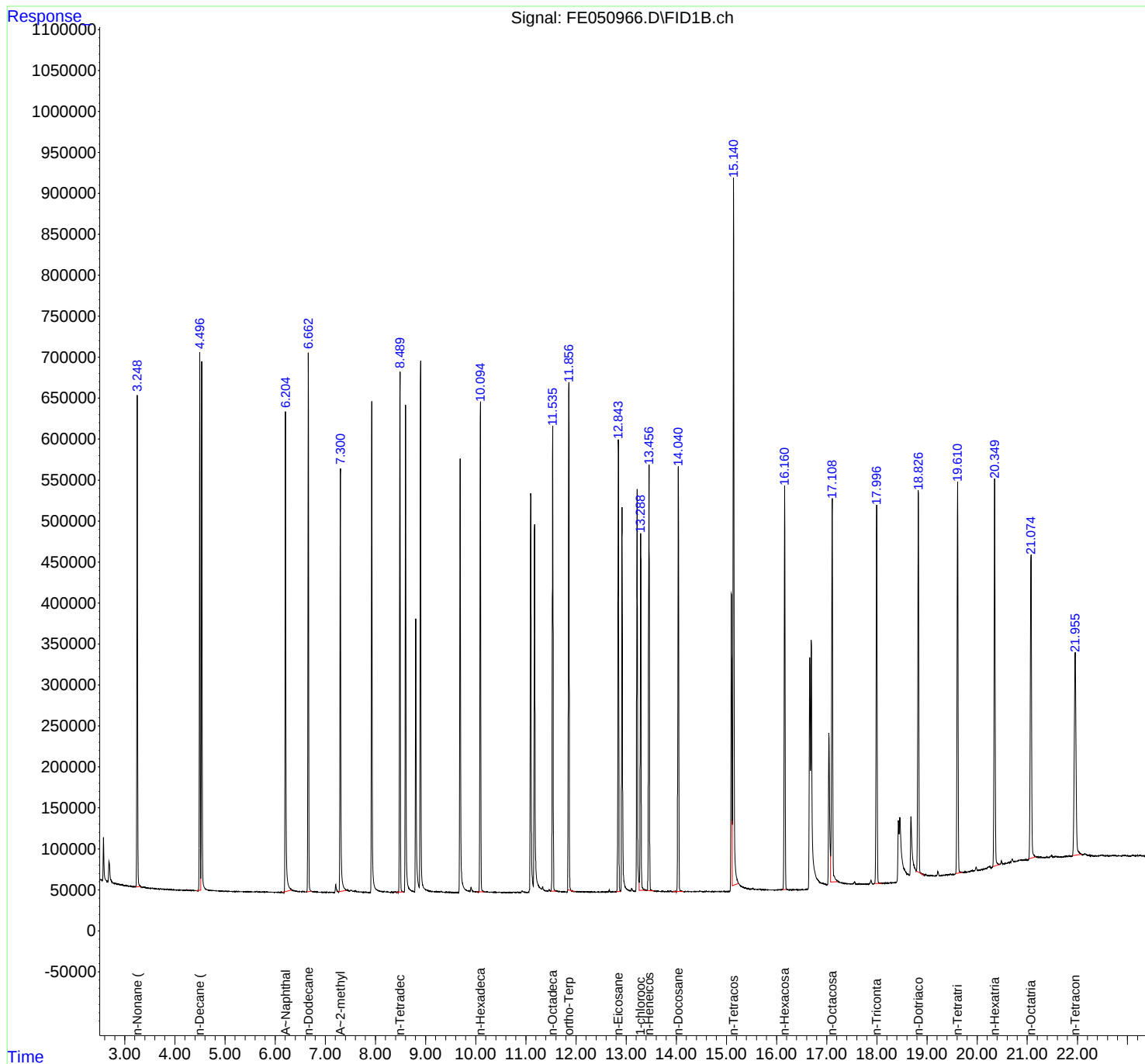
Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um



Instrument :

FID\_E

ClientSampleId :

PB164589BS

rteres

## Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE11012

Data File : FE050966.D

Signal(s) : FID1B.ch

Acq On : 01 Nov 2024 16:03

Sample : PB164589BS

Misc :

ALS Vial : 12 Sample Multiplier: 1

Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :Ankita Jodhani 11/04/2024

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 100824.M

Title : GC Extractables

Signal : FID1B.ch

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 3.248       | 3.218        | 3.318      | BB       | 598892         | 5882181      | 49.68%         | 2.733%        |
| 2         | 4.496       | 4.431        | 4.516      | BV       | 652578         | 6241351      | 52.72%         | 2.900%        |
| 3         | 4.535       | 4.516        | 4.624      | VB       | 641415         | 6556930      | 55.38%         | 3.047%        |
| 4         | 6.205       | 6.151        | 6.328      | BB       | 583886         | 6388363      | 53.96%         | 2.969%        |
| 5         | 6.662       | 6.631        | 6.724      | BB       | 653808         | 6529327      | 55.15%         | 3.034%        |
| 6         | 7.300       | 7.254        | 7.424      | BB       | 513292         | 5836522      | 49.30%         | 2.712%        |
| 7         | 8.490       | 8.414        | 8.564      | BB       | 638107         | 6522827      | 55.09%         | 3.031%        |
| 8         | 8.602       | 8.581        | 8.711      | BB       | 591054         | 6243337      | 52.73%         | 2.901%        |
| 9         | 8.900       | 8.874        | 9.004      | VB       | 647480         | 6807690      | 57.50%         | 3.164%        |
| 10        | 9.691       | 9.611        | 9.818      | BB       | 527875         | 6075013      | 51.31%         | 2.823%        |
| 11        | 10.093      | 10.021       | 10.181     | BB       | 604601         | 6416662      | 54.20%         | 2.982%        |
| 12        | 11.097      | 11.064       | 11.147     | M        | 486751         | 5665354      | 47.85%         | 2.633%        |
| 13        | 11.173      | 11.152       | 11.319     | M        | 449323         | 5916694      | 49.97%         | 2.749%        |
| 14        | 11.535      | 11.494       | 11.611     | BB       | 562480         | 6466225      | 54.62%         | 3.005%        |
| 15        | 11.856      | 11.831       | 11.974     | BB       | 630737         | 6651573      | 56.18%         | 3.091%        |
| 16        | 12.843      | 12.801       | 12.888     | BV       | 556100         | 6479940      | 54.73%         | 3.011%        |
| 17        | 12.918      | 12.888       | 13.071     | VB       | 469299         | 5771602      | 48.75%         | 2.682%        |
| 18        | 13.217      | 13.084       | 13.258     | BV       | 494074         | 5667882      | 47.87%         | 2.634%        |
| 19        | 13.289      | 13.258       | 13.381     | VB       | 434712         | 5363050      | 45.30%         | 2.492%        |
| 20        | 13.454      | 13.411       | 13.568     | BB       | 520392         | 6229737      | 52.62%         | 2.895%        |
| 21        | 14.039      | 13.928       | 14.148     | BB       | 517898         | 6202768      | 52.39%         | 2.882%        |
| 22        | 15.098      | 15.072       | 15.116     | M        | 363328         | 4500578      | 38.01%         | 2.091%        |
| 23        | 15.140      | 15.117       | 15.267     | M        | 869404         | 11839599     | 100.00%        | 5.502%        |
| 24        | 16.160      | 16.131       | 16.249     | BBA      | 491930         | 6011739      | 50.78%         | 2.794%        |
| 25        | 16.661      | 16.629       | 16.674     | M        | 281670         | 3785124      | 31.97%         | 1.759%        |
| 26        | 16.691      | 16.676       | 16.847     | M        | 302669         | 5400291      | 45.61%         | 2.510%        |
| 27        | 17.043      | 17.020       | 17.080     | M        | 185055         | 2992571      | 25.28%         | 1.391%        |
| 28        | 17.108      | 17.080       | 17.222     | M        | 470632         | 6978374      | 58.94%         | 3.243%        |
| 29        | 17.995      | 17.951       | 18.104     | BB       | 459272         | 6414885      | 54.18%         | 2.981%        |
| 30        | 18.430      | 18.397       | 18.441     | M        | 74637          | 999722       | 8.44%          | 0.465%        |
| 31        | 18.456      | 18.442       | 18.596     | M        | 77796          | 2472980      | 20.89%         | 1.149%        |
| 32        | 18.679      | 18.654       | 18.779     | M        | 70719          | 1551101      | 13.10%         | 0.721%        |
| 33        | 18.826      | 18.784       | 18.941     | BB       | 469483         | 6513615      | 55.02%         | 3.027%        |
| 34        | 19.610      | 19.571       | 19.711     | BB       | 480990         | 6691817      | 56.52%         | 3.110%        |
| 35        | 20.349      | 20.311       | 20.454     | BB       | 471003         | 6665983      | 56.30%         | 3.098%        |
| 36        | 21.074      | 21.031       | 21.169     | BBA      | 371551         | 6524625      | 55.11%         | 3.032%        |

Instrument :

FID\_E

ClientSampleId :

PB164589BS

37 21.955 21.901 22.084 BB 247931 5934705 50.13% 2.758%  
rteres  
Sum of corrected areas: 215

Manual IntegrationsAPPROVED

Aliphatic EPH 100824.M Mon Nov 04 04:33:51 2024

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :Ankita Jodhani 11/04/2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE110124AL\  
 Data File : FE050967.D  
 Signal(s) : FID1B.ch  
 Acq On : 01 Nov 2024 16:33  
 Operator : YP\AJ  
 Sample : PB164589BSD  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

## Instrument :

FID\_E

## ClientSampleId :

PB164589BSD

## Manual Integrations

## APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :Ankita Jodhani 11/04/2024

Integration File: sample.E

Quant Time: Nov 04 03:10:09 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 100824.M

Quant Title : GC Extractables

QLast Update : Mon Oct 07 16:32:18 2024

Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units    |
|--------------------------------|--------|------------|---------------|
| -----                          |        |            |               |
| System Monitoring Compounds    |        |            |               |
| 9) S ortho-Terphenyl (SURR)    | 11.856 | 6076382    | 38.542 ug/mlm |
| Spiked Amount 50.000           |        | Recovery = | 77.08%        |
| 12) S 1-chlorooctadecane (S... | 13.288 | 4838219    | 40.900 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 81.80%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.249  | 5176708    | 36.639 ug/ml  |
| 2) T n-Decane (C10)            | 4.497  | 5517677    | 38.457 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.205  | 5666151    | 39.626 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.662  | 5809916    | 40.365 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.301  | 5234577    | 39.512 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.489  | 5760893    | 40.267 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.093 | 5789464    | 39.339 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.535 | 5846113    | 39.139 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.844 | 5851191    | 40.803 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.454 | 5625563    | 40.059 ug/ml  |
| 13) T n-Docosane (C22)         | 14.039 | 5588475    | 39.834 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.140 | 10706847   | 75.786 ug/mlm |
| 15) T n-Hexacosane (C26)       | 16.160 | 5531539    | 39.310 ug/mlm |
| 16) T n-Octacosane (C28)       | 17.110 | 6147766    | 42.013 ug/mlm |
| 17) T n-Tricontane (C30)       | 17.996 | 5761792    | 36.237 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.827 | 5810459    | 35.842 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.610 | 6065834    | 41.295 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.349 | 6013482    | 47.420 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.073 | 6018411    | 48.674 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.956 | 5780304    | 51.911 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta &gt; 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE110124AL\  
Data File : FE050967.D  
Signal(s) : FID1B.ch  
Acq On : 01 Nov 2024 16:33  
Operator : YP\AJ  
Sample : PB164589BSD  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

## Instrument :

FID\_E

## Client Sample Id :

PB164589BSD

## Manual Integrations

APPROVED

Reviewed By : Yogesh Patel 11/04/2024

Supervised By : Ankita Jodhani 11/04/2024

Integration File: sample.E

Quant Time: Nov 04 03:10:09 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 100824.

Quant Title : GC Extractables

QLast Update : Mon Oct 07 16:32:18 2024

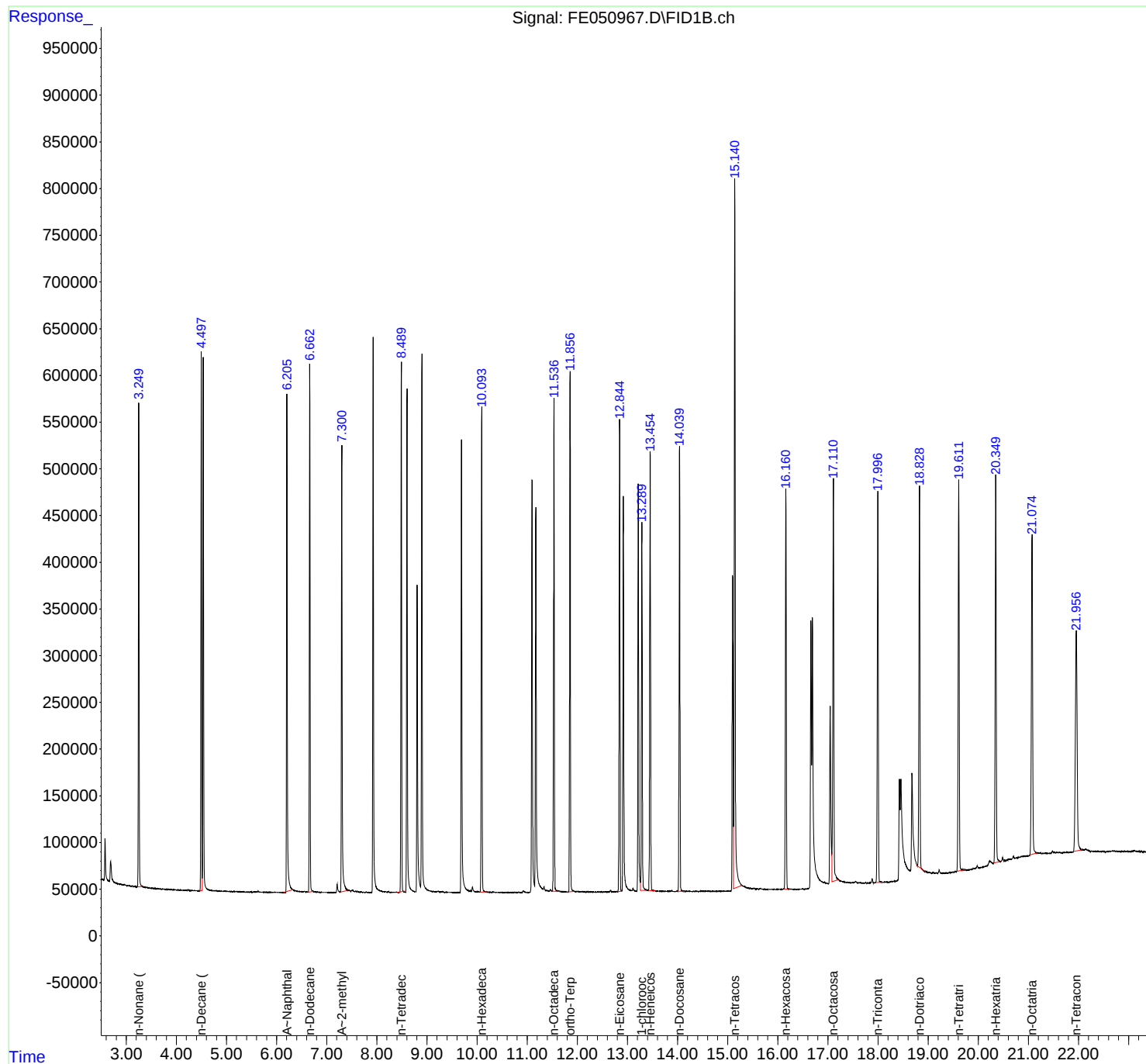
Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um



Instrument :

FID\_E

ClientSampleId :

PB164589BSD

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE11012

Data File : FE050967.D

Signal(s) : FID1B.ch

Acq On : 01 Nov 2024 16:33

Sample : PB164589BSD

Misc :

ALS Vial : 13 Sample Multiplier: 1

Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :Ankita Jodhani 11/04/2024

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 100824.M

Title : GC Extractables

Signal : FID1B.ch

| peak # | R.T. min | Start min | End min | PK TY | peak height | peak area | peak % max. | % of total |
|--------|----------|-----------|---------|-------|-------------|-----------|-------------|------------|
| 1      | 3.249    | 3.214     | 3.321   | BB    | 515566      | 5176708   | 47.92%      | 2.630%     |
| 2      | 4.497    | 4.461     | 4.516   | BV    | 576529      | 5517677   | 51.08%      | 2.803%     |
| 3      | 4.536    | 4.516     | 4.634   | VB    | 567445      | 5826473   | 53.94%      | 2.960%     |
| 4      | 6.205    | 6.141     | 6.321   | BB    | 529017      | 5666151   | 52.45%      | 2.878%     |
| 5      | 6.662    | 6.631     | 6.734   | BB    | 562670      | 5809916   | 53.79%      | 2.951%     |
| 6      | 7.301    | 7.268     | 7.418   | BB    | 476018      | 5234577   | 48.46%      | 2.659%     |
| 7      | 8.489    | 8.408     | 8.579   | BBA   | 561625      | 5760893   | 53.33%      | 2.926%     |
| 8      | 8.602    | 8.581     | 8.708   | BB    | 530108      | 5623072   | 52.06%      | 2.856%     |
| 9      | 8.900    | 8.874     | 9.004   | VB    | 577315      | 6126167   | 56.71%      | 3.112%     |
| 10     | 9.690    | 9.614     | 9.811   | BB    | 483354      | 5463657   | 50.58%      | 2.775%     |
| 11     | 10.093   | 10.054    | 10.188  | BB    | 522266      | 5789464   | 53.60%      | 2.941%     |
| 12     | 11.097   | 11.056    | 11.148  | M     | 441642      | 5117821   | 47.38%      | 2.600%     |
| 13     | 11.173   | 11.153    | 11.315  | M     | 412081      | 5267170   | 48.76%      | 2.676%     |
| 14     | 11.535   | 11.494    | 11.639  | BBA   | 523722      | 5846113   | 54.12%      | 2.970%     |
| 15     | 11.856   | 11.831    | 11.961  | BB    | 546382      | 5998726   | 55.53%      | 3.047%     |
| 16     | 12.844   | 12.801    | 12.888  | BV    | 508560      | 5851191   | 54.17%      | 2.972%     |
| 17     | 12.918   | 12.888    | 13.041  | VB    | 421657      | 5167353   | 47.84%      | 2.625%     |
| 18     | 13.216   | 13.084    | 13.258  | BV    | 435269      | 5109884   | 47.30%      | 2.596%     |
| 19     | 13.288   | 13.258    | 13.381  | VB    | 391757      | 4838219   | 44.79%      | 2.458%     |
| 20     | 13.454   | 13.411    | 13.564  | BB    | 471114      | 5625563   | 52.08%      | 2.858%     |
| 21     | 14.039   | 13.998    | 14.148  | BB    | 468324      | 5588475   | 51.74%      | 2.839%     |
| 22     | 15.098   | 15.069    | 15.117  | M     | 337834      | 4192049   | 38.81%      | 2.130%     |
| 23     | 15.140   | 15.118    | 15.314  | M     | 761660      | 10802052  | 100.00%     | 5.487%     |
| 24     | 16.160   | 16.131    | 16.249  | BBA   | 426727      | 5436371   | 50.33%      | 2.762%     |
| 25     | 16.660   | 16.629    | 16.676  | M     | 285376      | 3716296   | 34.40%      | 1.888%     |
| 26     | 16.690   | 16.677    | 16.821  | M     | 287763      | 4845679   | 44.86%      | 2.462%     |
| 27     | 17.044   | 17.015    | 17.077  | M     | 190214      | 2889939   | 26.75%      | 1.468%     |
| 28     | 17.110   | 17.078    | 17.190  | M     | 433379      | 6330207   | 58.60%      | 3.216%     |
| 29     | 17.996   | 17.951    | 18.104  | BB    | 415031      | 5761792   | 53.34%      | 2.927%     |
| 30     | 18.426   | 18.396    | 18.444  | M     | 106604      | 1572226   | 14.55%      | 0.799%     |
| 31     | 18.457   | 18.444    | 18.631  | M     | 105541      | 2984843   | 27.63%      | 1.516%     |
| 32     | 18.679   | 18.648    | 18.781  | PBA   | 102210      | 2229957   | 20.64%      | 1.133%     |
| 33     | 18.827   | 18.781    | 18.948  | BB    | 409270      | 5810459   | 53.79%      | 2.952%     |
| 34     | 19.610   | 19.571    | 19.728  | BB    | 421855      | 6065834   | 56.15%      | 3.081%     |
| 35     | 20.349   | 20.311    | 20.448  | BB    | 408631      | 6013482   | 55.67%      | 3.055%     |
| 36     | 21.073   | 21.031    | 21.169  | BBA   | 343227      | 6018411   | 55.72%      | 3.057%     |

Instrument :

FID\_E

ClientSampleId :

PB164589BSD

37 21.956 21.901 22.078 BB 235814 5780304 53.51% 2.936%  
rteres  
Sum of corrected areas: 1968

Manual IntegrationsAPPROVED

Aliphatic EPH 100824.M Mon Nov 04 04:35:09 2024

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :Ankita Jodhani 11/04/2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE110124AL\  
 Data File : FE050974.D  
 Signal(s) : FID1B.ch  
 Acq On : 01 Nov 2024 20:04  
 Operator : YP\AJ  
 Sample : P4643-05MS  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

## Instrument :

FID\_E

ClientSampleId :

BP-F8MS

## Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :Ankita Jodhani 11/04/2024

Integration File: sample.E

Quant Time: Nov 04 03:11:07 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 100824.M

Quant Title : GC Extractables

QLast Update : Mon Oct 07 16:32:18 2024

Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units    |
|--------------------------------|--------|------------|---------------|
| -----                          |        |            |               |
| System Monitoring Compounds    |        |            |               |
| 9) S ortho-Terphenyl (SURR)    | 11.855 | 6364201    | 40.368 ug/mlm |
| Spiked Amount 50.000           |        | Recovery = | 80.74%        |
| 12) S 1-chlorooctadecane (S... | 13.287 | 5031758    | 42.536 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 85.07%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.242  | 4659417    | 32.978 ug/ml  |
| 2) T n-Decane (C10)            | 4.493  | 5232715    | 36.471 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.204  | 5470351    | 38.257 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.661  | 5672697    | 39.412 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.300  | 5200904    | 39.258 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.489  | 6115679    | 42.747 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.093 | 6584161    | 44.739 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.535 | 6834138    | 45.753 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.843 | 6918776    | 48.248 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.453 | 6663473    | 47.449 ug/ml  |
| 13) T n-Docosane (C22)         | 14.038 | 6657698    | 47.455 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.140 | 12564298   | 88.934 ug/mlm |
| 15) T n-Hexacosane (C26)       | 16.159 | 6587821    | 46.816 ug/mlm |
| 16) T n-Octacosane (C28)       | 17.109 | 7396605    | 50.547 ug/mlm |
| 17) T n-Tricontane (C30)       | 17.995 | 6827974    | 42.943 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.827 | 7013948    | 43.266 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 19.610 | 6993054    | 47.607 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.349 | 6933734    | 54.676 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.073 | 6698630    | 54.175 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.955 | 5993043    | 53.821 ug/ml  |

(f)=RT Delta &gt; 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE110124AL\  
Data File : FE050974.D  
Signal(s) : FID1B.ch  
Acq On : 01 Nov 2024 20:04  
Operator : YP\AJ  
Sample : P4643-05MS  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

## Instrument :

FID\_E

ClientSampleId :

BP-F8MS

## Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :Ankita Jodhani 11/04/2024

Integration File: sample.E

Quant Time: Nov 04 03:11:07 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 100824.

Quant Title : GC Extractables

QLast Update : Mon Oct 07 16:32:18 2024

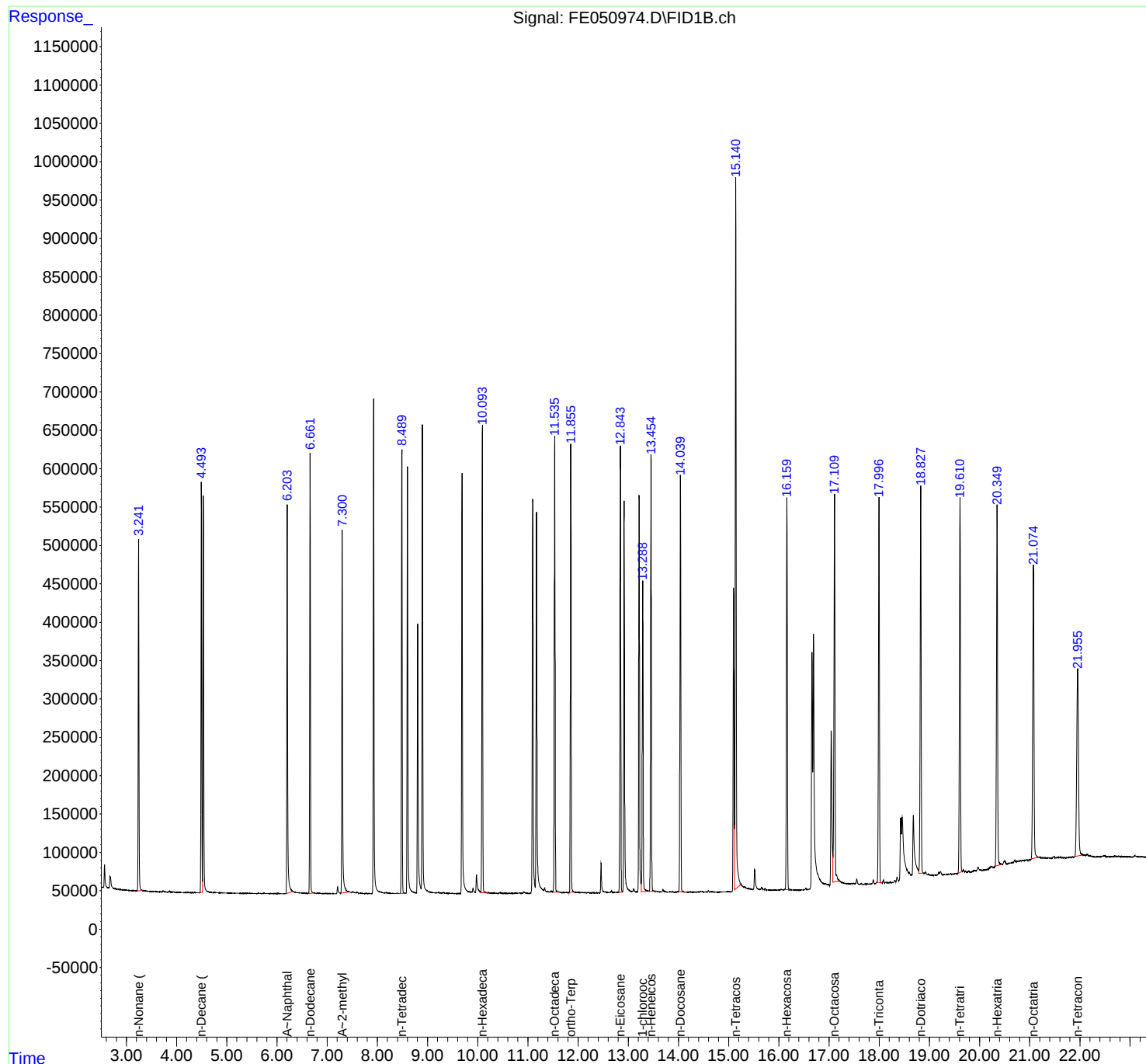
Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um



Instrument :

FID\_E

ClientSampleId :

BP-F8MS

rteres

## Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE11012

Data File : FE050974.D

Signal(s) : FID1B.ch

Acq On : 01 Nov 2024 20:04

Sample : P4643-05MS

Misc :

ALS Vial : 20 Sample Multiplier: 1

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :Ankita Jodhani 11/04/2024

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 100824.M

Title : GC Extractables

Signal : FID1B.ch

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 3.242       | 3.205        | 3.470      | BV       | 456978         | 4715127      | 35.68%         | 2.001%        |
| 2         | 3.481       | 3.470        | 3.508      | VV       | 192            | 2150         | 0.02%          | 0.001%        |
| 3         | 3.521       | 3.508        | 3.540      | PV       | 146            | 1172         | 0.01%          | 0.000%        |
| 4         | 3.552       | 3.540        | 3.592      | VV       | 247            | 4688         | 0.04%          | 0.002%        |
| 5         | 3.610       | 3.592        | 3.660      | VV       | 269            | 4695         | 0.04%          | 0.002%        |
| 6         | 3.681       | 3.660        | 3.711      | PV       | 248            | 3770         | 0.03%          | 0.002%        |
| 7         | 3.729       | 3.711        | 3.817      | VV       | 2007           | 31207        | 0.24%          | 0.013%        |
| 8         | 3.850       | 3.817        | 3.907      | PV       | 1152           | 23166        | 0.18%          | 0.010%        |
| 9         | 3.928       | 3.907        | 4.025      | VV       | 564            | 11519        | 0.09%          | 0.005%        |
| 10        | 4.039       | 4.025        | 4.050      | VV       | 144            | 1481         | 0.01%          | 0.001%        |
| 11        | 4.065       | 4.050        | 4.099      | VV       | 171            | 2554         | 0.02%          | 0.001%        |
| 12        | 4.106       | 4.099        | 4.121      | PV       | 96             | 817          | 0.01%          | 0.000%        |
| 13        | 4.136       | 4.121        | 4.149      | VV       | 148            | 1445         | 0.01%          | 0.001%        |
| 14        | 4.161       | 4.149        | 4.201      | PV       | 124            | 2298         | 0.02%          | 0.001%        |
| 15        | 4.225       | 4.201        | 4.288      | VV       | 539            | 12954        | 0.10%          | 0.005%        |
| 16        | 4.307       | 4.288        | 4.338      | VV       | 199            | 4439         | 0.03%          | 0.002%        |
| 17        | 4.354       | 4.338        | 4.416      | VV       | 313            | 6276         | 0.05%          | 0.003%        |
| 18        | 4.429       | 4.416        | 4.457      | PV       | 110            | 1079         | 0.01%          | 0.000%        |
| 19        | 4.493       | 4.457        | 4.513      | PV       | 534519         | 5244499      | 39.69%         | 2.225%        |
| 20        | 4.533       | 4.513        | 4.761      | VV       | 512828         | 5519494      | 41.77%         | 2.342%        |
| 21        | 4.776       | 4.761        | 4.788      | VV       | 612            | 8562         | 0.06%          | 0.004%        |
| 22        | 4.796       | 4.788        | 4.844      | VV       | 515            | 13229        | 0.10%          | 0.006%        |
| 23        | 4.854       | 4.844        | 4.871      | VV       | 366            | 5012         | 0.04%          | 0.002%        |
| 24        | 4.887       | 4.871        | 4.905      | VV       | 338            | 5746         | 0.04%          | 0.002%        |
| 25        | 4.917       | 4.905        | 4.929      | VV       | 287            | 3690         | 0.03%          | 0.002%        |
| 26        | 4.935       | 4.929        | 5.058      | VV       | 268            | 15984        | 0.12%          | 0.007%        |
| 27        | 5.081       | 5.058        | 5.093      | VV       | 271            | 3478         | 0.03%          | 0.001%        |
| 28        | 5.099       | 5.093        | 5.143      | VV       | 157            | 3717         | 0.03%          | 0.002%        |
| 29        | 5.158       | 5.143        | 5.183      | VV       | 277            | 3720         | 0.03%          | 0.002%        |
| 30        | 5.226       | 5.183        | 5.269      | VV       | 207            | 5636         | 0.04%          | 0.002%        |
| 31        | 5.281       | 5.269        | 5.325      | VV       | 117            | 2324         | 0.02%          | 0.001%        |
| 32        | 5.332       | 5.325        | 5.355      | VV       | 112            | 1287         | 0.01%          | 0.001%        |
| 33        | 5.367       | 5.355        | 5.378      | VV       | 113            | 1028         | 0.01%          | 0.000%        |
| 34        | 5.388       | 5.378        | 5.398      | VV       | 72             | 726          | 0.01%          | 0.000%        |
| 35        | 5.405       | 5.398        | 5.431      | VV       | 103            | 779          | 0.01%          | 0.000%        |
| 36        | 5.472       | 5.431        | 5.603      | PV       | 195            | 8039         | 0.06%          | 0.003%        |

| Instrument :<br>FID_E<br>ClientSampleId :<br>BP-F8MS                             |       |       |       |    |           |         |        |        |  |
|----------------------------------------------------------------------------------|-------|-------|-------|----|-----------|---------|--------|--------|--|
| Manual IntegrationsAPPROVED                                                      |       |       |       |    |           |         |        |        |  |
| Reviewed By :Yogesh Patel 11/04/2024<br>Supervised By :Ankita Jodhani 11/04/2024 |       |       |       |    |           |         |        |        |  |
|                                                                                  |       |       |       |    | retention |         |        |        |  |
| 37                                                                               | 5.631 | 5.603 | 5.692 | VV | 915       | 12043   | 0.09%  | 0.005% |  |
| 38                                                                               | 5.726 | 5.692 | 5.777 | PV | 492       | 12474   |        |        |  |
| 39                                                                               | 5.788 | 5.777 | 5.815 | VV | 241       | 4926    |        |        |  |
| 40                                                                               | 5.821 | 5.815 | 5.895 | VV | 206       | 8752    |        |        |  |
| 41                                                                               | 5.908 | 5.895 | 5.983 | VV | 298       | 8193    |        |        |  |
| 42                                                                               | 6.008 | 5.983 | 6.046 | VV | 153       | 3983    |        |        |  |
| 43                                                                               | 6.062 | 6.046 | 6.072 | VV | 95        | 1272    | 0.01%  | 0.001% |  |
| 44                                                                               | 6.084 | 6.072 | 6.091 | VV | 97        | 860     | 0.01%  | 0.000% |  |
| 45                                                                               | 6.099 | 6.091 | 6.115 | VV | 128       | 1298    | 0.01%  | 0.001% |  |
| 46                                                                               | 6.123 | 6.115 | 6.148 | VV | 118       | 1126    | 0.01%  | 0.000% |  |
| 47                                                                               | 6.154 | 6.148 | 6.174 | VV | 84        | 1043    | 0.01%  | 0.000% |  |
| 48                                                                               | 6.204 | 6.174 | 6.358 | PV | 503795    | 5666570 | 42.88% | 2.404% |  |
| 49                                                                               | 6.366 | 6.358 | 6.510 | VV | 2152      | 120098  | 0.91%  | 0.051% |  |
| 50                                                                               | 6.549 | 6.510 | 6.626 | VV | 1256      | 53131   | 0.40%  | 0.023% |  |
| 51                                                                               | 6.661 | 6.626 | 6.793 | VV | 575489    | 5755740 | 43.56% | 2.442% |  |
| 52                                                                               | 6.809 | 6.793 | 6.858 | VV | 840       | 24940   | 0.19%  | 0.011% |  |
| 53                                                                               | 6.862 | 6.858 | 6.878 | VV | 698       | 5834    | 0.04%  | 0.002% |  |
| 54                                                                               | 6.887 | 6.878 | 6.898 | VV | 454       | 4356    | 0.03%  | 0.002% |  |
| 55                                                                               | 6.901 | 6.898 | 6.935 | VV | 406       | 7083    | 0.05%  | 0.003% |  |
| 56                                                                               | 6.952 | 6.935 | 6.975 | VV | 322       | 6420    | 0.05%  | 0.003% |  |
| 57                                                                               | 6.990 | 6.975 | 7.021 | VV | 302       | 5855    | 0.04%  | 0.002% |  |
| 58                                                                               | 7.025 | 7.021 | 7.048 | VV | 202       | 2054    | 0.02%  | 0.001% |  |
| 59                                                                               | 7.069 | 7.048 | 7.101 | VV | 200       | 2923    | 0.02%  | 0.001% |  |
| 60                                                                               | 7.111 | 7.101 | 7.150 | VV | 160       | 2240    | 0.02%  | 0.001% |  |
| 61                                                                               | 7.162 | 7.150 | 7.169 | VV | 83        | 419     | 0.00%  | 0.000% |  |
| 62                                                                               | 7.209 | 7.169 | 7.271 | PV | 9111      | 143842  | 1.09%  | 0.061% |  |
| 63                                                                               | 7.300 | 7.271 | 7.428 | VV | 470639    | 5343100 | 40.44% | 2.267% |  |
| 64                                                                               | 7.443 | 7.428 | 7.480 | VV | 2736      | 67184   | 0.51%  | 0.029% |  |
| 65                                                                               | 7.506 | 7.480 | 7.564 | VV | 2651      | 93885   | 0.71%  | 0.040% |  |
| 66                                                                               | 7.580 | 7.564 | 7.592 | VV | 1540      | 23967   | 0.18%  | 0.010% |  |
| 67                                                                               | 7.606 | 7.592 | 7.655 | VV | 1924      | 39474   | 0.30%  | 0.017% |  |
| 68                                                                               | 7.667 | 7.655 | 7.679 | VV | 747       | 9089    | 0.07%  | 0.004% |  |
| 69                                                                               | 7.686 | 7.679 | 7.690 | VV | 424       | 2533    | 0.02%  | 0.001% |  |
| 70                                                                               | 7.701 | 7.690 | 7.761 | VV | 473       | 13125   | 0.10%  | 0.006% |  |
| 71                                                                               | 7.784 | 7.761 | 7.821 | VV | 657       | 12356   | 0.09%  | 0.005% |  |
| 72                                                                               | 7.824 | 7.821 | 7.874 | VV | 242       | 3265    | 0.02%  | 0.001% |  |
| 73                                                                               | 8.178 | 8.156 | 8.211 | VV | 1473      | 33014   | 0.25%  | 0.014% |  |
| 74                                                                               | 8.235 | 8.211 | 8.328 | VV | 1229      | 37957   | 0.29%  | 0.016% |  |
| 75                                                                               | 8.344 | 8.328 | 8.365 | VV | 351       | 6345    | 0.05%  | 0.003% |  |
| 76                                                                               | 8.394 | 8.365 | 8.458 | VV | 1001      | 22495   | 0.17%  | 0.010% |  |
| 77                                                                               | 8.489 | 8.458 | 8.571 | VV | 580174    | 6140804 | 46.47% | 2.605% |  |
| 78                                                                               | 8.602 | 8.571 | 8.781 | VV | 555898    | 6088280 | 46.08% | 2.583% |  |
| 79                                                                               | 8.900 | 8.875 | 9.177 | VV | 612830    | 6875540 | 52.03% | 2.917% |  |
| 80                                                                               | 9.225 | 9.177 | 9.291 | VV | 1385      | 67268   | 0.51%  | 0.029% |  |
| 81                                                                               | 9.314 | 9.291 | 9.384 | VV | 1866      | 45375   | 0.34%  | 0.019% |  |
| 82                                                                               | 9.397 | 9.384 | 9.431 | VV | 417       | 9311    | 0.07%  | 0.004% |  |
| 83                                                                               | 9.438 | 9.431 | 9.474 | VV | 369       | 6642    | 0.05%  | 0.003% |  |
| 84                                                                               | 9.489 | 9.474 | 9.538 | VV | 278       | 7527    | 0.06%  | 0.003% |  |
| 85                                                                               | 9.547 | 9.538 | 9.597 | VV | 205       | 4938    | 0.04%  | 0.002% |  |
| 86                                                                               | 9.614 | 9.597 | 9.644 | VV | 240       | 3432    | 0.03%  | 0.001% |  |
| 87                                                                               | 9.690 | 9.644 | 9.851 | PV | 542211    | 6311026 | 47.76% | 2.678% |  |
| 88                                                                               | 9.869 | 9.851 | 9.886 | VV | 2757      | 45291   | 0.34%  | 0.019% |  |
| 89                                                                               | 9.908 | 9.886 | 9.954 | VV | 6836      | 131286  | 0.99%  | 0.056% |  |

|                             |        |        |        |    |        |         | Instrument :<br>FID_E       |        |
|-----------------------------|--------|--------|--------|----|--------|---------|-----------------------------|--------|
|                             |        |        |        |    |        |         | ClientSampleId :<br>BP-F8MS |        |
| Parameters                  |        |        |        |    |        |         |                             |        |
| 90                          | 9.978  | 9.954  | 10.061 | VV | 24845  | 472478  | 3.58%                       | 0.200% |
| 91                          | 10.093 | 10.061 | 10.291 | VV | 613552 | 6715632 | 50.00%                      | 0.000% |
| 92                          | 10.318 | 10.291 | 10.388 | VV | 872    | 26568   | 0.00%                       | 0.000% |
| 93                          | 10.397 | 10.388 | 10.415 | VV | 361    | 4678    | 0.00%                       | 0.000% |
| 94                          | 10.445 | 10.415 | 10.532 | VV | 1242   | 34919   | 0.00%                       | 0.000% |
| 95                          | 10.558 | 10.532 | 10.669 | VV | 286    | 15127   | 0.00%                       | 0.000% |
| Manual IntegrationsAPPROVED |        |        |        |    |        |         |                             |        |
| 96                          | 10.755 | 10.669 | 10.776 | VV | 604    | 14180   | 0.11%                       | 0.006% |
| 97                          | 10.792 | 10.776 | 10.809 | VV | 434    | 5292    | 0.04%                       | 0.002% |
| 98                          | 10.831 | 10.809 | 10.875 | VV | 919    | 14557   | 0.11%                       | 0.006% |
| 99                          | 10.919 | 10.875 | 11.036 | PV | 2097   | 52304   | 0.40%                       | 0.022% |
| 100                         | 11.097 | 11.036 | 11.147 | VV | 513958 | 5978589 | 45.25%                      | 2.537% |
| 101                         | 11.173 | 11.147 | 11.315 | VV | 491657 | 6233040 | 47.17%                      | 2.645% |
| 102                         | 11.335 | 11.315 | 11.431 | VV | 7189   | 220884  | 1.67%                       | 0.094% |
| 103                         | 11.465 | 11.431 | 11.496 | VV | 3248   | 86312   | 0.65%                       | 0.037% |
| 104                         | 11.535 | 11.496 | 11.602 | VV | 595058 | 6925054 | 52.41%                      | 2.938% |
| 105                         | 11.620 | 11.602 | 11.714 | VV | 1851   | 80661   | 0.61%                       | 0.034% |
| 106                         | 11.729 | 11.714 | 11.754 | VV | 926    | 19030   | 0.14%                       | 0.008% |
| 107                         | 11.775 | 11.754 | 11.791 | VV | 743    | 15287   | 0.12%                       | 0.006% |
| 108                         | 11.855 | 11.791 | 11.973 | VV | 584874 | 6485716 | 49.08%                      | 2.752% |
| 109                         | 11.988 | 11.973 | 12.005 | VV | 1068   | 17324   | 0.13%                       | 0.007% |
| 110                         | 12.023 | 12.005 | 12.042 | VV | 1067   | 20059   | 0.15%                       | 0.009% |
| 111                         | 12.057 | 12.042 | 12.073 | VV | 858    | 14004   | 0.11%                       | 0.006% |
| 112                         | 12.092 | 12.073 | 12.116 | VV | 839    | 16997   | 0.13%                       | 0.007% |
| 113                         | 12.137 | 12.116 | 12.175 | VV | 713    | 17500   | 0.13%                       | 0.007% |
| 114                         | 12.200 | 12.175 | 12.239 | VV | 1054   | 23104   | 0.17%                       | 0.010% |
| 115                         | 12.259 | 12.239 | 12.285 | VV | 449    | 10017   | 0.08%                       | 0.004% |
| 116                         | 12.300 | 12.285 | 12.345 | VV | 642    | 14759   | 0.11%                       | 0.006% |
| 117                         | 12.352 | 12.345 | 12.377 | VV | 338    | 4881    | 0.04%                       | 0.002% |
| 118                         | 12.406 | 12.377 | 12.430 | PV | 413    | 8453    | 0.06%                       | 0.004% |
| 119                         | 12.459 | 12.430 | 12.618 | VV | 39004  | 557040  | 4.22%                       | 0.236% |
| 120                         | 12.664 | 12.618 | 12.693 | VV | 2776   | 52409   | 0.40%                       | 0.022% |
| 121                         | 12.724 | 12.693 | 12.751 | VV | 781    | 21252   | 0.16%                       | 0.009% |
| 122                         | 12.778 | 12.751 | 12.797 | VV | 931    | 20262   | 0.15%                       | 0.009% |
| 123                         | 12.843 | 12.797 | 12.888 | VV | 582456 | 6962850 | 52.69%                      | 2.954% |
| 124                         | 12.918 | 12.888 | 13.086 | VV | 512600 | 6364284 | 48.16%                      | 2.700% |
| 125                         | 13.108 | 13.086 | 13.185 | VV | 5001   | 127232  | 0.96%                       | 0.054% |
| 126                         | 13.216 | 13.185 | 13.257 | VV | 512789 | 6158202 | 46.61%                      | 2.613% |
| 127                         | 13.288 | 13.257 | 13.414 | VV | 407408 | 5184982 | 39.24%                      | 2.200% |
| 128                         | 13.454 | 13.414 | 13.658 | VV | 573951 | 6877976 | 52.05%                      | 2.918% |
| 129                         | 13.688 | 13.658 | 13.781 | VV | 4390   | 118941  | 0.90%                       | 0.050% |
| 130                         | 13.793 | 13.781 | 13.811 | VV | 776    | 12413   | 0.09%                       | 0.005% |
| 131                         | 13.828 | 13.811 | 13.855 | VV | 1035   | 20714   | 0.16%                       | 0.009% |
| 132                         | 13.877 | 13.855 | 13.922 | VV | 1698   | 36298   | 0.27%                       | 0.015% |
| 133                         | 13.990 | 13.922 | 14.001 | VV | 1495   | 33600   | 0.25%                       | 0.014% |
| 134                         | 14.038 | 14.001 | 14.142 | VV | 542601 | 6720871 | 50.86%                      | 2.852% |
| 135                         | 14.162 | 14.142 | 14.210 | VV | 550    | 16668   | 0.13%                       | 0.007% |
| 136                         | 14.233 | 14.210 | 14.351 | VV | 924    | 28161   | 0.21%                       | 0.012% |
| 137                         | 14.373 | 14.351 | 14.385 | VV | 270    | 3819    | 0.03%                       | 0.002% |
| 138                         | 14.437 | 14.385 | 14.458 | VV | 1237   | 26954   | 0.20%                       | 0.011% |
| 139                         | 14.473 | 14.458 | 14.501 | VV | 1327   | 21475   | 0.16%                       | 0.009% |
| 140                         | 14.548 | 14.501 | 14.572 | VV | 506    | 13955   | 0.11%                       | 0.006% |
| 141                         | 14.598 | 14.572 | 14.621 | VV | 2129   | 27917   | 0.21%                       | 0.012% |

|     |        |        |        |    |        |          | Instrument :<br>FID_E       |        | A |
|-----|--------|--------|--------|----|--------|----------|-----------------------------|--------|---|
|     |        |        |        |    |        |          | ClientSampleId :<br>BP-F8MS |        |   |
|     |        |        |        |    |        |          | Manual IntegrationsAPPROVED |        |   |
| 142 | 14.639 | 14.621 | 14.686 | VV | 484    | 15207    | 0.12%                       | 0.006% | C |
| 143 | 14.704 | 14.686 | 14.782 | VV | 509    | 13479    |                             |        |   |
| 144 | 14.844 | 14.782 | 14.865 | PV | 310    | 7369     |                             |        |   |
| 145 | 14.876 | 14.865 | 14.955 | VV | 198    | 6346     |                             |        |   |
| 146 | 14.994 | 14.955 | 15.055 | VV | 545    | 13572    |                             |        |   |
| 147 | 15.098 | 15.055 | 15.116 | PV | 395394 | 4972100  | 37.00%                      | 5.606% | D |
| 148 | 15.140 | 15.116 | 15.304 | VV | 933714 | 13213576 | 100.00%                     | 5.606% |   |
| 149 | 15.320 | 15.304 | 15.425 | VV | 5887   | 325647   | 2.46%                       | 0.138% |   |
| 150 | 15.433 | 15.425 | 15.487 | VV | 3291   | 108370   | 0.82%                       | 0.046% |   |
| 151 | 15.519 | 15.487 | 15.601 | VV | 28468  | 603287   | 4.57%                       | 0.256% |   |
| 152 | 15.611 | 15.601 | 15.629 | VV | 2502   | 39548    | 0.30%                       | 0.017% | G |
| 153 | 15.656 | 15.629 | 15.701 | VV | 5194   | 136584   | 1.03%                       | 0.058% |   |
| 154 | 15.726 | 15.701 | 15.763 | VV | 3575   | 79764    | 0.60%                       | 0.034% |   |
| 155 | 15.776 | 15.763 | 15.788 | VV | 1302   | 19471    | 0.15%                       | 0.008% |   |
| 156 | 15.794 | 15.788 | 15.821 | VV | 1262   | 22295    | 0.17%                       | 0.009% |   |
| 157 | 15.835 | 15.821 | 15.891 | VV | 1124   | 41894    | 0.32%                       | 0.018% | J |
| 158 | 15.924 | 15.891 | 15.935 | VV | 929    | 23187    | 0.18%                       | 0.010% |   |
| 159 | 15.952 | 15.935 | 15.965 | VV | 893    | 15180    | 0.11%                       | 0.006% |   |
| 160 | 15.981 | 15.965 | 16.007 | VV | 941    | 21462    | 0.16%                       | 0.009% |   |
| 161 | 16.041 | 16.007 | 16.081 | VV | 1498   | 49357    | 0.37%                       | 0.021% |   |
| 162 | 16.160 | 16.081 | 16.211 | VV | 506606 | 6668818  | 50.47%                      | 2.829% |   |
| 163 | 16.224 | 16.211 | 16.270 | VV | 1272   | 27607    | 0.21%                       | 0.012% |   |
| 164 | 16.288 | 16.270 | 16.331 | VV | 532    | 12815    | 0.10%                       | 0.005% |   |
| 165 | 16.346 | 16.331 | 16.373 | VV | 322    | 5967     | 0.05%                       | 0.003% |   |
| 166 | 16.383 | 16.373 | 16.421 | VV | 185    | 3433     | 0.03%                       | 0.001% |   |
| 167 | 16.538 | 16.421 | 16.577 | PV | 1799   | 34314    | 0.26%                       | 0.015% |   |
| 168 | 16.604 | 16.577 | 16.614 | PV | 735    | 8599     | 0.07%                       | 0.004% |   |
| 169 | 16.661 | 16.614 | 16.676 | VV | 307573 | 4218412  | 31.92%                      | 1.790% |   |
| 170 | 16.691 | 16.676 | 16.910 | VV | 332320 | 6695981  | 50.68%                      | 2.841% |   |
| 171 | 16.926 | 16.910 | 16.973 | VV | 6285   | 204213   | 1.55%                       | 0.087% |   |
| 172 | 16.986 | 16.973 | 17.010 | VV | 4453   | 91318    | 0.69%                       | 0.039% |   |
| 173 | 17.044 | 17.010 | 17.077 | VV | 203987 | 3313062  | 25.07%                      | 1.406% |   |
| 174 | 17.109 | 17.077 | 17.322 | VV | 509285 | 8347867  | 63.18%                      | 3.542% |   |
| 175 | 17.330 | 17.322 | 17.428 | VV | 4216   | 218433   | 1.65%                       | 0.093% |   |
| 176 | 17.443 | 17.428 | 17.456 | VV | 3464   | 53445    | 0.40%                       | 0.023% |   |
| 177 | 17.477 | 17.456 | 17.511 | VV | 3390   | 100236   | 0.76%                       | 0.043% |   |
| 178 | 17.553 | 17.511 | 17.618 | VV | 8534   | 216050   | 1.64%                       | 0.092% |   |
| 179 | 17.643 | 17.618 | 17.686 | VV | 2068   | 61334    | 0.46%                       | 0.026% |   |
| 180 | 17.725 | 17.686 | 17.745 | VV | 1061   | 34829    | 0.26%                       | 0.015% |   |
| 181 | 17.769 | 17.745 | 17.806 | VV | 966    | 29230    | 0.22%                       | 0.012% |   |
| 182 | 17.882 | 17.806 | 17.911 | VV | 5708   | 105965   | 0.80%                       | 0.045% |   |
| 183 | 17.996 | 17.911 | 18.060 | VV | 503858 | 6954752  | 52.63%                      | 2.951% |   |
| 184 | 18.085 | 18.060 | 18.112 | VV | 4546   | 68572    | 0.52%                       | 0.029% |   |
| 185 | 18.136 | 18.112 | 18.185 | VV | 1356   | 33592    | 0.25%                       | 0.014% |   |
| 186 | 18.221 | 18.185 | 18.247 | VV | 1111   | 21230    | 0.16%                       | 0.009% |   |
| 187 | 18.269 | 18.247 | 18.278 | PV | 195    | 1632     | 0.01%                       | 0.001% |   |
| 188 | 18.311 | 18.278 | 18.330 | VV | 2648   | 40378    | 0.31%                       | 0.017% |   |
| 189 | 18.356 | 18.330 | 18.391 | VV | 6497   | 123790   | 0.94%                       | 0.053% |   |
| 190 | 18.428 | 18.391 | 18.441 | VV | 81540  | 1144272  | 8.66%                       | 0.485% |   |
| 191 | 18.457 | 18.441 | 18.655 | VV | 83686  | 3309995  | 25.05%                      | 1.404% |   |
| 192 | 18.681 | 18.655 | 18.788 | VV | 83823  | 2345630  | 17.75%                      | 0.995% |   |
| 193 | 18.827 | 18.788 | 18.883 | VV | 509225 | 7425388  | 56.20%                      | 3.150% |   |
| 194 | 18.894 | 18.883 | 18.904 | VV | 7160   | 89469    | 0.68%                       | 0.038% |   |

|                         |        |        |        |    |           |         | Instrument :<br>FID_E       |        | A |
|-------------------------|--------|--------|--------|----|-----------|---------|-----------------------------|--------|---|
|                         |        |        |        |    |           |         | ClientSampleId :<br>BP-F8MS |        |   |
| rteres                  |        |        |        |    |           |         |                             |        | B |
| 195                     | 18.924 | 18.904 | 18.960 | VV | 7574      | 207120  | 1.57%                       | 0.088% |   |
|                         |        |        |        |    |           |         | Manual IntegrationsAPPROVED |        | C |
| 196                     | 18.980 | 18.960 | 19.021 | VV | 4532      | 143153  |                             |        |   |
| 197                     | 19.041 | 19.021 | 19.071 | VV | 2775      | 78099   |                             |        | D |
| 198                     | 19.104 | 19.071 | 19.133 | VV | 2414      | 82229   |                             |        |   |
| 199                     | 19.146 | 19.133 | 19.154 | VV | 1928      | 23670   |                             |        | E |
| 200                     | 19.187 | 19.154 | 19.199 | VV | 4549      | 90725   |                             |        |   |
| 201                     | 19.219 | 19.199 | 19.276 | VV | 6091      | 155139  | 1.17%                       | 0.066% | F |
| 202                     | 19.307 | 19.276 | 19.328 | VV | 1256      | 33922   | 0.26%                       | 0.014% |   |
| 203                     | 19.351 | 19.328 | 19.361 | VV | 1155      | 19104   | 0.14%                       | 0.008% | G |
| 204                     | 19.390 | 19.361 | 19.405 | VV | 843       | 21530   | 0.16%                       | 0.009% |   |
| 205                     | 19.422 | 19.405 | 19.441 | VV | 1495      | 22109   | 0.17%                       | 0.009% | H |
| 206                     | 19.466 | 19.441 | 19.475 | VV | 483       | 8988    | 0.07%                       | 0.004% |   |
| 207                     | 19.518 | 19.475 | 19.548 | VV | 975       | 17613   | 0.13%                       | 0.007% | I |
| 208                     | 19.610 | 19.548 | 19.655 | VV | 486944    | 7062616 | 53.45%                      | 2.997% |   |
| 209                     | 19.676 | 19.655 | 19.700 | VV | 4203      | 80496   | 0.61%                       | 0.034% | J |
| 210                     | 19.716 | 19.700 | 19.748 | VV | 2033      | 35634   | 0.27%                       | 0.015% |   |
| 211                     | 19.783 | 19.748 | 19.813 | VV | 1237      | 24917   | 0.19%                       | 0.011% |   |
| 212                     | 19.903 | 19.813 | 19.931 | PV | 995       | 30503   | 0.23%                       | 0.013% |   |
| 213                     | 19.972 | 19.931 | 20.040 | VV | 4739      | 115005  | 0.87%                       | 0.049% |   |
| 214                     | 20.092 | 20.040 | 20.103 | VV | 255       | 7318    | 0.06%                       | 0.003% |   |
| 215                     | 20.231 | 20.103 | 20.275 | PV | 3476      | 145733  | 1.10%                       | 0.062% |   |
| 216                     | 20.349 | 20.275 | 20.454 | VV | 472225    | 7303637 | 55.27%                      | 3.099% |   |
| 217                     | 20.504 | 20.454 | 20.547 | VV | 8125      | 322358  | 2.44%                       | 0.137% |   |
| 218                     | 20.700 | 20.547 | 20.731 | VV | 7349      | 528710  | 4.00%                       | 0.224% |   |
| 219                     | 20.878 | 20.731 | 20.898 | VV | 5339      | 522483  | 3.95%                       | 0.222% |   |
| 220                     | 20.925 | 20.898 | 20.944 | VV | 5171      | 140542  | 1.06%                       | 0.060% |   |
| 221                     | 21.074 | 20.944 | 21.231 | VV | 389637    | 7699641 | 58.27%                      | 3.267% |   |
| 222                     | 21.243 | 21.231 | 21.287 | VV | 5473      | 174156  | 1.32%                       | 0.074% |   |
| 223                     | 21.303 | 21.287 | 21.341 | VV | 4724      | 144713  | 1.10%                       | 0.061% |   |
| 224                     | 21.377 | 21.341 | 21.389 | VV | 3855      | 112113  | 0.85%                       | 0.048% |   |
| 225                     | 21.393 | 21.389 | 21.440 | VV | 3660      | 94943   | 0.72%                       | 0.040% |   |
| 226                     | 21.482 | 21.440 | 21.519 | VV | 4573      | 168783  | 1.28%                       | 0.072% |   |
| 227                     | 21.583 | 21.519 | 21.600 | VV | 2541      | 125480  | 0.95%                       | 0.053% |   |
| 228                     | 21.613 | 21.600 | 21.671 | VV | 2455      | 76709   | 0.58%                       | 0.033% |   |
| 229                     | 21.682 | 21.671 | 21.695 | VV | 1123      | 15391   | 0.12%                       | 0.007% |   |
| 230                     | 21.864 | 21.695 | 21.887 | VV | 464       | 69208   | 0.52%                       | 0.029% |   |
| 231                     | 21.955 | 21.887 | 22.111 | PV | 244521    | 6111694 | 46.25%                      | 2.593% |   |
| Sum of corrected areas: |        |        |        |    | 235689960 |         |                             |        |   |

Aliphatic EPH 100824.M Mon Nov 04 04:47:55 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE110124AL\  
 Data File : FE050975.D  
 Signal(s) : FID1B.ch  
 Acq On : 01 Nov 2024 20:34  
 Operator : YP\AJ  
 Sample : P4643-05MSD  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

## Instrument :

FID\_E

ClientSampleId :

BP-F8MSD

## Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :Ankita Jodhani 11/04/2024

Integration File: sample.E

Quant Time: Nov 04 03:11:17 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 100824.M

Quant Title : GC Extractables

QLast Update : Mon Oct 07 16:32:18 2024

Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units    |
|--------------------------------|--------|------------|---------------|
| -----                          |        |            |               |
| System Monitoring Compounds    |        |            |               |
| 9) S ortho-Terphenyl (SURR)    | 11.855 | 6493005    | 41.185 ug/mlm |
| Spiked Amount 50.000           |        | Recovery = | 82.37%        |
| 12) S 1-chlorooctadecane (S... | 13.287 | 5071838    | 42.875 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 85.75%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.243  | 4756589    | 33.665 ug/ml  |
| 2) T n-Decane (C10)            | 4.494  | 5352712    | 37.308 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.204  | 5609433    | 39.229 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.661  | 5813497    | 40.390 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.300  | 5347427    | 40.364 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.488  | 6285504    | 43.934 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.093 | 6775320    | 46.038 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.535 | 7025199    | 47.032 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.843 | 7081369    | 49.382 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.453 | 6810235    | 48.494 ug/ml  |
| 13) T n-Docosane (C22)         | 14.038 | 6786976    | 48.376 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.140 | 12910154   | 91.382 ug/mlm |
| 15) T n-Hexacosane (C26)       | 16.161 | 6729829    | 47.825 ug/mlm |
| 16) T n-Octacosane (C28)       | 17.108 | 7649285    | 52.274 ug/mlm |
| 17) T n-Tricontane (C30)       | 17.995 | 6920342    | 43.523 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.827 | 7134085    | 44.007 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 19.610 | 7048213    | 47.983 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.350 | 6999668    | 55.196 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.075 | 7009685    | 56.691 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.959 | 6803930    | 61.104 ug/ml  |

(f)=RT Delta &gt; 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE110124AL\  
Data File : FE050975.D  
Signal(s) : FID1B.ch  
Acq On : 01 Nov 2024 20:34  
Operator : YP\AJ  
Sample : P4643-05MSD  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

## Instrument :

FID\_E

ClientSampleId :

BP-F8MSD

## Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :Ankita Jodhani 11/04/2024

Integration File: sample.E

Quant Time: Nov 04 03:11:17 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 100824.

Quant Title : GC Extractables

QLast Update : Mon Oct 07 16:32:18 2024

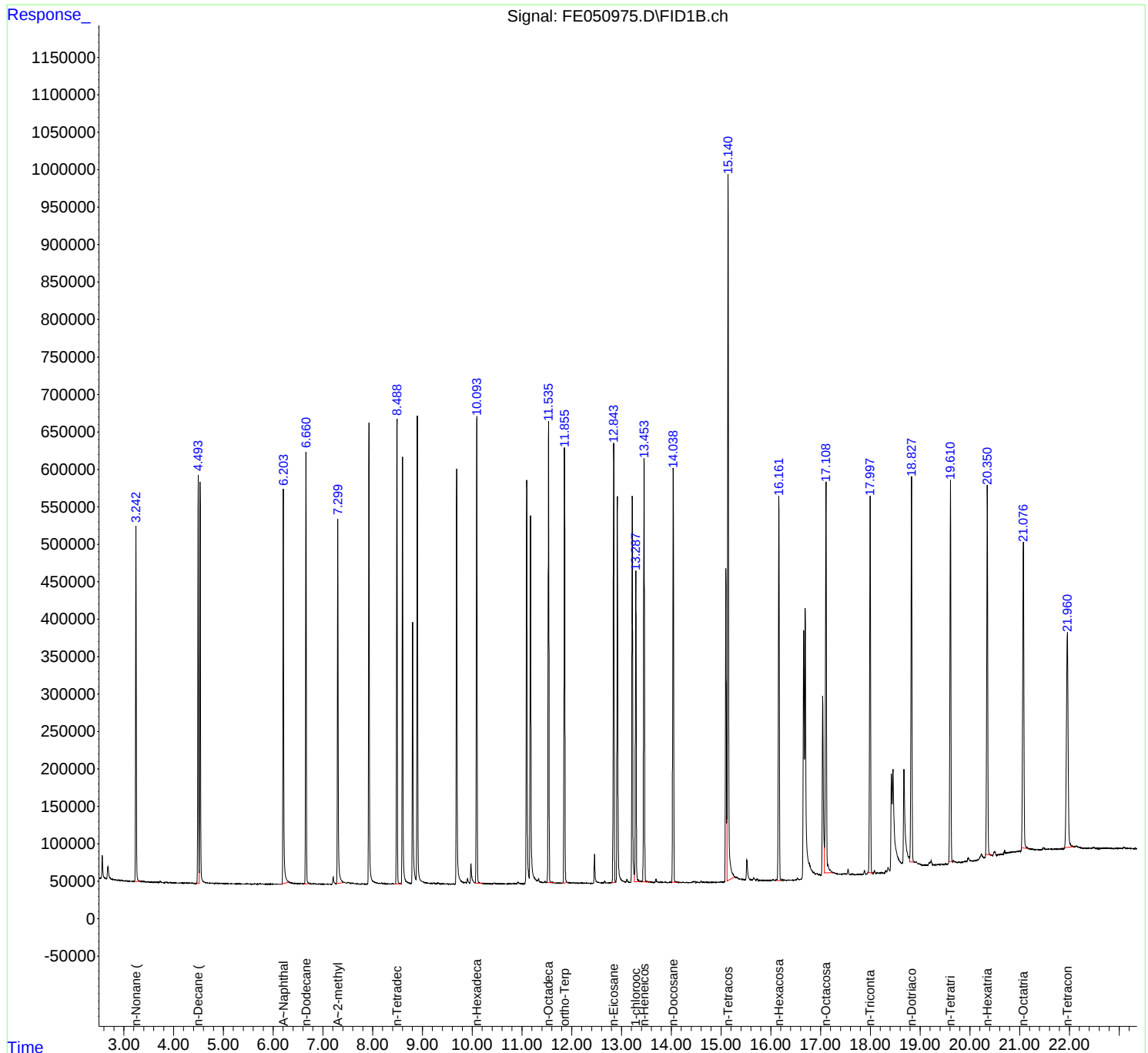
Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um



Instrument :

FID\_E

ClientSampleId :

BP-F8MSD

rteres

## Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE11012

Data File : FE050975.D

Signal(s) : FID1B.ch

Acq On : 01 Nov 2024 20:34

Sample : P4643-05MSD

Misc :

ALS Vial : 21 Sample Multiplier: 1

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :Ankita Jodhani 11/04/2024

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 100824.M

Title : GC Extractables

Signal : FID1B.ch

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 3.243       | 3.204        | 3.353      | BV       | 469697         | 4785579      | 35.38%         | 1.946%        |
| 2         | 3.364       | 3.353        | 3.425      | VV       | 607            | 17796        | 0.13%          | 0.007%        |
| 3         | 3.442       | 3.425        | 3.474      | VV       | 297            | 6394         | 0.05%          | 0.003%        |
| 4         | 3.483       | 3.474        | 3.508      | VV       | 264            | 2479         | 0.02%          | 0.001%        |
| 5         | 3.518       | 3.508        | 3.539      | PV       | 187            | 1770         | 0.01%          | 0.001%        |
| 6         | 3.554       | 3.539        | 3.566      | PV       | 208            | 2462         | 0.02%          | 0.001%        |
| 7         | 3.575       | 3.566        | 3.597      | VV       | 276            | 3192         | 0.02%          | 0.001%        |
| 8         | 3.609       | 3.597        | 3.659      | VV       | 327            | 5229         | 0.04%          | 0.002%        |
| 9         | 3.680       | 3.659        | 3.709      | PV       | 250            | 3676         | 0.03%          | 0.001%        |
| 10        | 3.731       | 3.709        | 3.821      | VV       | 1879           | 30035        | 0.22%          | 0.012%        |
| 11        | 3.852       | 3.821        | 3.907      | VV       | 1060           | 20644        | 0.15%          | 0.008%        |
| 12        | 3.929       | 3.907        | 3.988      | VV       | 503            | 7754         | 0.06%          | 0.003%        |
| 13        | 4.032       | 4.024        | 4.055      | VV       | 91             | 1232         | 0.01%          | 0.001%        |
| 14        | 4.062       | 4.055        | 4.121      | VV       | 127            | 1756         | 0.01%          | 0.001%        |
| 15        | 4.142       | 4.121        | 4.197      | PV       | 102            | 2217         | 0.02%          | 0.001%        |
| 16        | 4.227       | 4.197        | 4.293      | VV       | 450            | 11802        | 0.09%          | 0.005%        |
| 17        | 4.305       | 4.293        | 4.340      | VV       | 207            | 4029         | 0.03%          | 0.002%        |
| 18        | 4.355       | 4.340        | 4.410      | VV       | 335            | 6177         | 0.05%          | 0.003%        |
| 19        | 4.435       | 4.410        | 4.456      | PV       | 117            | 1361         | 0.01%          | 0.001%        |
| 20        | 4.494       | 4.456        | 4.513      | PV       | 545686         | 5359124      | 39.62%         | 2.179%        |
| 21        | 4.533       | 4.513        | 4.655      | VV       | 534349         | 5582200      | 41.27%         | 2.270%        |
| 22        | 4.664       | 4.655        | 4.758      | VV       | 1134           | 44428        | 0.33%          | 0.018%        |
| 23        | 4.775       | 4.758        | 4.791      | VV       | 588            | 10200        | 0.08%          | 0.004%        |
| 24        | 4.796       | 4.791        | 4.841      | VV       | 506            | 11127        | 0.08%          | 0.005%        |
| 25        | 4.854       | 4.841        | 4.866      | VV       | 393            | 4817         | 0.04%          | 0.002%        |
| 26        | 4.881       | 4.866        | 4.948      | VV       | 330            | 14383        | 0.11%          | 0.006%        |
| 27        | 4.953       | 4.948        | 4.983      | VV       | 366            | 5675         | 0.04%          | 0.002%        |
| 28        | 5.000       | 4.983        | 5.064      | VV       | 349            | 9325         | 0.07%          | 0.004%        |
| 29        | 5.082       | 5.064        | 5.134      | VV       | 196            | 5244         | 0.04%          | 0.002%        |
| 30        | 5.156       | 5.134        | 5.215      | VV       | 269            | 7094         | 0.05%          | 0.003%        |
| 31        | 5.226       | 5.215        | 5.278      | VV       | 125            | 4208         | 0.03%          | 0.002%        |
| 32        | 5.284       | 5.278        | 5.321      | VV       | 180            | 2785         | 0.02%          | 0.001%        |
| 33        | 5.328       | 5.321        | 5.335      | VV       | 93             | 670          | 0.00%          | 0.000%        |
| 34        | 5.341       | 5.335        | 5.404      | VV       | 122            | 2451         | 0.02%          | 0.001%        |
| 35        | 5.468       | 5.404        | 5.568      | PV       | 237            | 11283        | 0.08%          | 0.005%        |
| 36        | 5.571       | 5.568        | 5.604      | VV       | 131            | 1448         | 0.01%          | 0.001%        |

| Instrument :<br>FID_E<br>ClientSampleId :<br>BP-F8MSD |        |        |        |    |        |         |        |        |   |
|-------------------------------------------------------|--------|--------|--------|----|--------|---------|--------|--------|---|
| 37                                                    | 5.630  | 5.604  | 5.703  | PV | 955    | 13701   | 0.10%  | 0.006% | A |
| 38                                                    | 5.725  | 5.703  | 5.798  | VV | 571    | 17648   |        |        | B |
| 39                                                    | 5.804  | 5.798  | 5.884  | VV | 262    | 10004   |        |        | C |
| 40                                                    | 5.906  | 5.884  | 5.935  | VV | 267    | 5376    |        |        | D |
| 41                                                    | 5.957  | 5.935  | 6.027  | VV | 209    | 6636    |        |        | E |
| 42                                                    | 6.066  | 6.027  | 6.084  | VV | 147    | 2428    |        |        | F |
| 43                                                    | 6.089  | 6.084  | 6.098  | VV | 95     | 505     | 0.00%  | 0.000% | G |
| 44                                                    | 6.103  | 6.098  | 6.146  | VV | 137    | 2150    | 0.02%  | 0.001% | H |
| 45                                                    | 6.204  | 6.146  | 6.513  | PV | 524935 | 5920925 | 43.77% | 2.408% | I |
| 46                                                    | 6.549  | 6.513  | 6.625  | VV | 1240   | 48857   | 0.36%  | 0.020% | J |
| 47                                                    | 6.661  | 6.625  | 6.781  | VV | 576983 | 5887433 | 43.53% | 2.394% |   |
| 48                                                    | 6.813  | 6.781  | 6.875  | VV | 853    | 34073   | 0.25%  | 0.014% |   |
| 49                                                    | 6.894  | 6.875  | 6.905  | VV | 406    | 6520    | 0.05%  | 0.003% |   |
| 50                                                    | 6.913  | 6.905  | 6.935  | VV | 361    | 5507    | 0.04%  | 0.002% |   |
| 51                                                    | 6.952  | 6.935  | 6.972  | VV | 319    | 6021    | 0.04%  | 0.002% |   |
| 52                                                    | 6.983  | 6.972  | 7.051  | VV | 305    | 8939    | 0.07%  | 0.004% |   |
| 53                                                    | 7.062  | 7.051  | 7.086  | VV | 145    | 2337    | 0.02%  | 0.001% |   |
| 54                                                    | 7.102  | 7.086  | 7.128  | VV | 147    | 2992    | 0.02%  | 0.001% |   |
| 55                                                    | 7.133  | 7.128  | 7.168  | VV | 161    | 2024    | 0.01%  | 0.001% |   |
| 56                                                    | 7.207  | 7.168  | 7.267  | PV | 9520   | 151428  | 1.12%  | 0.062% |   |
| 57                                                    | 7.300  | 7.267  | 7.426  | VV | 485028 | 5492703 | 40.61% | 2.234% |   |
| 58                                                    | 7.442  | 7.426  | 7.478  | VV | 2734   | 66149   | 0.49%  | 0.027% |   |
| 59                                                    | 7.506  | 7.478  | 7.561  | VV | 2683   | 93500   | 0.69%  | 0.038% |   |
| 60                                                    | 7.578  | 7.561  | 7.591  | VV | 1614   | 25122   | 0.19%  | 0.010% |   |
| 61                                                    | 7.605  | 7.591  | 7.651  | VV | 1913   | 38082   | 0.28%  | 0.015% |   |
| 62                                                    | 7.667  | 7.651  | 7.678  | VV | 759    | 10826   | 0.08%  | 0.004% |   |
| 63                                                    | 7.693  | 7.678  | 7.736  | VV | 741    | 17078   | 0.13%  | 0.007% |   |
| 64                                                    | 7.747  | 7.736  | 7.757  | VV | 307    | 3508    | 0.03%  | 0.001% |   |
| 65                                                    | 7.782  | 7.757  | 7.871  | VV | 759    | 19781   | 0.15%  | 0.008% |   |
| 66                                                    | 8.178  | 8.154  | 8.207  | VV | 1419   | 31345   | 0.23%  | 0.013% |   |
| 67                                                    | 8.235  | 8.207  | 8.264  | VV | 1357   | 27357   | 0.20%  | 0.011% |   |
| 68                                                    | 8.274  | 8.264  | 8.325  | VV | 522    | 14144   | 0.10%  | 0.006% |   |
| 69                                                    | 8.338  | 8.325  | 8.361  | VV | 384    | 6486    | 0.05%  | 0.003% |   |
| 70                                                    | 8.394  | 8.361  | 8.427  | VV | 1036   | 20369   | 0.15%  | 0.008% |   |
| 71                                                    | 8.437  | 8.427  | 8.454  | VV | 288    | 4480    | 0.03%  | 0.002% |   |
| 72                                                    | 8.489  | 8.454  | 8.574  | VV | 617681 | 6311333 | 46.66% | 2.566% |   |
| 73                                                    | 8.602  | 8.574  | 8.776  | VV | 568456 | 6234167 | 46.09% | 2.535% |   |
| 74                                                    | 8.899  | 8.870  | 9.180  | VV | 616697 | 7026067 | 51.95% | 2.857% |   |
| 75                                                    | 9.198  | 9.180  | 9.211  | VV | 1125   | 19407   | 0.14%  | 0.008% |   |
| 76                                                    | 9.225  | 9.211  | 9.281  | VV | 1309   | 39544   | 0.29%  | 0.016% |   |
| 77                                                    | 9.312  | 9.281  | 9.403  | VV | 1835   | 52578   | 0.39%  | 0.021% |   |
| 78                                                    | 9.406  | 9.403  | 9.431  | VV | 387    | 5077    | 0.04%  | 0.002% |   |
| 79                                                    | 9.450  | 9.431  | 9.474  | VV | 275    | 5944    | 0.04%  | 0.002% |   |
| 80                                                    | 9.496  | 9.474  | 9.531  | VV | 294    | 6649    | 0.05%  | 0.003% |   |
| 81                                                    | 9.560  | 9.531  | 9.593  | VV | 197    | 5004    | 0.04%  | 0.002% |   |
| 82                                                    | 9.611  | 9.593  | 9.649  | VV | 284    | 3897    | 0.03%  | 0.002% |   |
| 83                                                    | 9.689  | 9.649  | 9.848  | PV | 553939 | 6458554 | 47.75% | 2.626% |   |
| 84                                                    | 9.869  | 9.848  | 9.885  | VV | 2710   | 47145   | 0.35%  | 0.019% |   |
| 85                                                    | 9.907  | 9.885  | 9.953  | VV | 7231   | 134091  | 0.99%  | 0.055% |   |
| 86                                                    | 9.976  | 9.953  | 10.061 | VV | 26841  | 486365  | 3.60%  | 0.198% |   |
| 87                                                    | 10.093 | 10.061 | 10.230 | VV | 621427 | 6873227 | 50.82% | 2.795% |   |
| 88                                                    | 10.240 | 10.230 | 10.289 | VV | 965    | 20359   | 0.15%  | 0.008% |   |
| 89                                                    | 10.318 | 10.289 | 10.349 | VV | 749    | 18318   | 0.14%  | 0.007% |   |

|        |        |        |        |    |        |         | Instrument :<br>FID_E                    |        | A                           |   |
|--------|--------|--------|--------|----|--------|---------|------------------------------------------|--------|-----------------------------|---|
|        |        |        |        |    |        |         | ClientSampleId :<br>BP-F8MSD             |        |                             |   |
| rteres |        |        |        |    |        |         |                                          |        | Manual IntegrationsAPPROVED | B |
| 90     | 10.361 | 10.349 | 10.378 | VV | 302    | 4478    | 0.03%                                    | 0.002% |                             |   |
| 91     | 10.398 | 10.378 | 10.416 | VV | 334    | 6531    | 0.03%                                    | 0.002% |                             |   |
| 92     | 10.445 | 10.416 | 10.523 | VV | 1142   | 31767   | 0.03%                                    | 0.002% |                             |   |
| 93     | 10.569 | 10.523 | 10.618 | VV | 279    | 10895   | 0.03%                                    | 0.002% |                             |   |
| 94     | 10.624 | 10.618 | 10.674 | VV | 271    | 3871    | 0.03%                                    | 0.002% | C                           |   |
| 95     | 10.726 | 10.674 | 10.734 | VV | 274    | 3803    | 0.03%                                    | 0.002% | D                           |   |
|        |        |        |        |    |        |         | Reviewed By :Yogesh Patel 11/04/2024     |        | E                           |   |
|        |        |        |        |    |        |         | Supervised By :Ankita Jodhani 11/04/2024 |        | F                           |   |
| 96     | 10.756 | 10.734 | 10.778 | VV | 542    | 7954    | 0.06%                                    | 0.003% | G                           |   |
| 97     | 10.791 | 10.778 | 10.811 | VV | 349    | 4481    | 0.03%                                    | 0.002% | H                           |   |
| 98     | 10.830 | 10.811 | 10.875 | VV | 906    | 13284   | 0.10%                                    | 0.005% | I                           |   |
| 99     | 10.916 | 10.875 | 11.031 | PV | 2318   | 53151   | 0.39%                                    | 0.022% | J                           |   |
| 100    | 11.096 | 11.031 | 11.146 | VV | 540132 | 6116624 | 45.22%                                   | 2.487% |                             |   |
| 101    | 11.172 | 11.146 | 11.318 | VV | 488444 | 6370245 | 47.10%                                   | 2.590% |                             |   |
| 102    | 11.335 | 11.318 | 11.435 | VV | 6976   | 206158  | 1.52%                                    | 0.084% |                             |   |
| 103    | 11.464 | 11.435 | 11.496 | VV | 3113   | 78512   | 0.58%                                    | 0.032% |                             |   |
| 104    | 11.535 | 11.496 | 11.603 | VV | 616092 | 7103992 | 52.52%                                   | 2.889% |                             |   |
| 105    | 11.615 | 11.603 | 11.680 | VV | 1690   | 54136   | 0.40%                                    | 0.022% |                             |   |
| 106    | 11.693 | 11.680 | 11.714 | VV | 843    | 15031   | 0.11%                                    | 0.006% |                             |   |
| 107    | 11.729 | 11.714 | 11.763 | VV | 814    | 19407   | 0.14%                                    | 0.008% |                             |   |
| 108    | 11.775 | 11.763 | 11.788 | VV | 595    | 8371    | 0.06%                                    | 0.003% |                             |   |
| 109    | 11.855 | 11.788 | 11.978 | VV | 580861 | 6602943 | 48.82%                                   | 2.685% |                             |   |
| 110    | 11.987 | 11.978 | 12.003 | VV | 955    | 12101   | 0.09%                                    | 0.005% |                             |   |
| 111    | 12.024 | 12.003 | 12.042 | VV | 1256   | 20559   | 0.15%                                    | 0.008% |                             |   |
| 112    | 12.056 | 12.042 | 12.072 | VV | 766    | 11773   | 0.09%                                    | 0.005% |                             |   |
| 113    | 12.089 | 12.072 | 12.117 | VV | 696    | 13756   | 0.10%                                    | 0.006% |                             |   |
| 114    | 12.138 | 12.117 | 12.164 | VV | 549    | 10341   | 0.08%                                    | 0.004% |                             |   |
| 115    | 12.201 | 12.164 | 12.242 | VV | 958    | 19262   | 0.14%                                    | 0.008% |                             |   |
| 116    | 12.259 | 12.242 | 12.280 | VV | 270    | 4989    | 0.04%                                    | 0.002% |                             |   |
| 117    | 12.301 | 12.280 | 12.377 | VV | 491    | 12914   | 0.10%                                    | 0.005% |                             |   |
| 118    | 12.407 | 12.377 | 12.418 | PV | 222    | 2894    | 0.02%                                    | 0.001% |                             |   |
| 119    | 12.459 | 12.418 | 12.618 | VV | 38249  | 549428  | 4.06%                                    | 0.223% |                             |   |
| 120    | 12.664 | 12.618 | 12.690 | VV | 2803   | 46660   | 0.34%                                    | 0.019% |                             |   |
| 121    | 12.718 | 12.690 | 12.749 | VV | 688    | 18609   | 0.14%                                    | 0.008% |                             |   |
| 122    | 12.778 | 12.749 | 12.801 | VV | 887    | 19523   | 0.14%                                    | 0.008% |                             |   |
| 123    | 12.843 | 12.801 | 12.888 | VV | 585823 | 7116414 | 52.61%                                   | 2.894% |                             |   |
| 124    | 12.917 | 12.888 | 13.082 | VV | 516996 | 6469607 | 47.83%                                   | 2.631% |                             |   |
| 125    | 13.107 | 13.082 | 13.179 | VV | 5101   | 121085  | 0.90%                                    | 0.049% |                             |   |
| 126    | 13.216 | 13.179 | 13.256 | VV | 514217 | 6281845 | 46.44%                                   | 2.554% |                             |   |
| 127    | 13.287 | 13.256 | 13.380 | VV | 417813 | 5220631 | 38.60%                                   | 2.123% |                             |   |
| 128    | 13.395 | 13.380 | 13.418 | VV | 2293   | 45714   | 0.34%                                    | 0.019% |                             |   |
| 129    | 13.453 | 13.418 | 13.504 | VV | 570183 | 6881178 | 50.87%                                   | 2.798% |                             |   |
| 130    | 13.511 | 13.504 | 13.563 | VV | 1988   | 58491   | 0.43%                                    | 0.024% |                             |   |
| 131    | 13.577 | 13.563 | 13.658 | VV | 1356   | 53656   | 0.40%                                    | 0.022% |                             |   |
| 132    | 13.690 | 13.658 | 13.778 | VV | 4568   | 111311  | 0.82%                                    | 0.045% |                             |   |
| 133    | 13.827 | 13.778 | 13.848 | VV | 899    | 26384   | 0.20%                                    | 0.011% |                             |   |
| 134    | 13.877 | 13.848 | 13.923 | VV | 1545   | 32269   | 0.24%                                    | 0.013% |                             |   |
| 135    | 13.989 | 13.923 | 14.004 | VV | 1329   | 29801   | 0.22%                                    | 0.012% |                             |   |
| 136    | 14.038 | 14.004 | 14.207 | VV | 551147 | 6857135 | 50.70%                                   | 2.788% |                             |   |
| 137    | 14.235 | 14.207 | 14.283 | VV | 792    | 15601   | 0.12%                                    | 0.006% |                             |   |
| 138    | 14.293 | 14.283 | 14.335 | VV | 175    | 4575    | 0.03%                                    | 0.002% |                             |   |
| 139    | 14.369 | 14.335 | 14.406 | VV | 160    | 5645    | 0.04%                                    | 0.002% |                             |   |
| 140    | 14.437 | 14.406 | 14.456 | VV | 1188   | 20571   | 0.15%                                    | 0.008% |                             |   |
| 141    | 14.473 | 14.456 | 14.502 | VV | 1284   | 20548   | 0.15%                                    | 0.008% |                             |   |

|     |        |        |        |    |        |                  |         |        |
|-----|--------|--------|--------|----|--------|------------------|---------|--------|
|     |        |        |        |    |        | Instrument :     |         |        |
|     |        |        |        |    |        | FID_E            |         |        |
|     |        |        |        |    |        | ClientSampleId : |         |        |
|     |        |        |        |    |        | BP-F8MSD         |         |        |
| 142 | 14.547 | 14.502 | 14.571 | VV | 404    | 10034            | 0.07%   | 0.004% |
| 143 | 14.597 | 14.571 | 14.620 | VV | 1962   | 25168            |         |        |
| 144 | 14.637 | 14.620 | 14.691 | VV | 488    | 14215            |         |        |
| 145 | 14.707 | 14.691 | 14.794 | VV | 359    | 9547             |         |        |
| 146 | 14.803 | 14.794 | 14.824 | PV | 117    | 1216             |         |        |
| 147 | 14.839 | 14.824 | 14.878 | VV | 336    | 5236             |         |        |
| 148 | 14.888 | 14.878 | 14.897 | VV | 66     | 409              | 0.00%   | 0.000% |
| 149 | 14.946 | 14.897 | 14.958 | VV | 177    | 2343             | 0.02%   | 0.001% |
| 150 | 14.994 | 14.958 | 15.016 | PV | 543    | 9762             | 0.07%   | 0.004% |
| 151 | 15.026 | 15.016 | 15.050 | VV | 182    | 2176             | 0.02%   | 0.001% |
| 152 | 15.097 | 15.050 | 15.116 | PV | 418344 | 5176134          | 38.27%  | 2.105% |
| 153 | 15.140 | 15.116 | 15.307 | VV | 948243 | 13525830         | 100.00% | 5.500% |
| 154 | 15.318 | 15.307 | 15.388 | VV | 5935   | 227868           | 1.68%   | 0.093% |
| 155 | 15.399 | 15.388 | 15.423 | VV | 3675   | 74083            | 0.55%   | 0.030% |
| 156 | 15.433 | 15.423 | 15.484 | VV | 3119   | 102569           | 0.76%   | 0.042% |
| 157 | 15.518 | 15.484 | 15.602 | VV | 28835  | 610015           | 4.51%   | 0.248% |
| 158 | 15.615 | 15.602 | 15.628 | VV | 2300   | 34779            | 0.26%   | 0.014% |
| 159 | 15.655 | 15.628 | 15.701 | VV | 5173   | 134891           | 1.00%   | 0.055% |
| 160 | 15.725 | 15.701 | 15.813 | VV | 3172   | 106174           | 0.78%   | 0.043% |
| 161 | 15.830 | 15.813 | 15.848 | VV | 1015   | 19401            | 0.14%   | 0.008% |
| 162 | 15.856 | 15.848 | 15.885 | VV | 901    | 19075            | 0.14%   | 0.008% |
| 163 | 15.907 | 15.885 | 15.922 | VV | 836    | 17214            | 0.13%   | 0.007% |
| 164 | 16.043 | 15.922 | 16.088 | VV | 1281   | 79601            | 0.59%   | 0.032% |
| 165 | 16.162 | 16.088 | 16.206 | VV | 511468 | 6760153          | 49.98%  | 2.749% |
| 166 | 16.222 | 16.206 | 16.274 | VV | 1135   | 26145            | 0.19%   | 0.011% |
| 167 | 16.290 | 16.274 | 16.314 | VV | 340    | 6590             | 0.05%   | 0.003% |
| 168 | 16.325 | 16.314 | 16.330 | VV | 112    | 1229             | 0.01%   | 0.000% |
| 169 | 16.352 | 16.330 | 16.416 | VV | 260    | 7866             | 0.06%   | 0.003% |
| 170 | 16.536 | 16.416 | 16.575 | PV | 1708   | 35322            | 0.26%   | 0.014% |
| 171 | 16.605 | 16.575 | 16.614 | PV | 789    | 10139            | 0.07%   | 0.004% |
| 172 | 16.660 | 16.614 | 16.675 | VV | 331931 | 4540418          | 33.57%  | 1.846% |
| 173 | 16.691 | 16.675 | 16.900 | VV | 358724 | 6953836          | 51.41%  | 2.828% |
| 174 | 16.925 | 16.900 | 16.961 | VV | 6630   | 213906           | 1.58%   | 0.087% |
| 175 | 16.984 | 16.961 | 17.009 | VV | 4812   | 128521           | 0.95%   | 0.052% |
| 176 | 17.043 | 17.009 | 17.077 | VV | 240859 | 3745035          | 27.69%  | 1.523% |
| 177 | 17.108 | 17.077 | 17.141 | VV | 523896 | 7617120          | 56.32%  | 3.097% |
| 178 | 17.149 | 17.141 | 17.344 | VV | 16451  | 927240           | 6.86%   | 0.377% |
| 179 | 17.369 | 17.344 | 17.426 | VV | 3735   | 164943           | 1.22%   | 0.067% |
| 180 | 17.441 | 17.426 | 17.457 | VV | 3437   | 57745            | 0.43%   | 0.023% |
| 181 | 17.476 | 17.457 | 17.507 | VV | 3461   | 93150            | 0.69%   | 0.038% |
| 182 | 17.552 | 17.507 | 17.618 | VV | 8891   | 227146           | 1.68%   | 0.092% |
| 183 | 17.644 | 17.618 | 17.684 | VV | 2064   | 60203            | 0.45%   | 0.024% |
| 184 | 17.735 | 17.684 | 17.747 | VV | 1037   | 35395            | 0.26%   | 0.014% |
| 185 | 17.787 | 17.747 | 17.806 | VV | 746    | 25285            | 0.19%   | 0.010% |
| 186 | 17.882 | 17.806 | 17.911 | VV | 5570   | 106245           | 0.79%   | 0.043% |
| 187 | 17.996 | 17.911 | 18.061 | VV | 507244 | 7065295          | 52.24%  | 2.873% |
| 188 | 18.084 | 18.061 | 18.113 | VV | 4426   | 67689            | 0.50%   | 0.028% |
| 189 | 18.135 | 18.113 | 18.154 | VV | 1378   | 23073            | 0.17%   | 0.009% |
| 190 | 18.168 | 18.154 | 18.181 | VV | 674    | 8869             | 0.07%   | 0.004% |
| 191 | 18.220 | 18.181 | 18.254 | VV | 1047   | 19533            | 0.14%   | 0.008% |
| 192 | 18.312 | 18.254 | 18.329 | PV | 3003   | 46821            | 0.35%   | 0.019% |
| 193 | 18.356 | 18.329 | 18.389 | VV | 6830   | 144479           | 1.07%   | 0.059% |
| 194 | 18.423 | 18.389 | 18.437 | VV | 128431 | 1815490          | 13.42%  | 0.738% |

| Instrument :<br>FID_E<br>ClientSampleId :<br>BP-F8MSD |        |        |        |    |           |         |        |        |   |
|-------------------------------------------------------|--------|--------|--------|----|-----------|---------|--------|--------|---|
| 195                                                   | 18.454 | 18.437 | 18.622 | VV | 135537    | 4578987 | 33.85% | 1.862% | A |
| 196                                                   | 18.676 | 18.622 | 18.787 | VV | 134802    | 3829023 | 28.35% | 1.862% | B |
| 197                                                   | 18.827 | 18.787 | 18.904 | VV | 523564    | 7823265 | 57.35% | 1.862% | C |
| 198                                                   | 18.922 | 18.904 | 19.042 | VV | 9634      | 523604  | 3.35%  | 1.862% | D |
| 199                                                   | 19.052 | 19.042 | 19.081 | VV | 3851      | 84259   | 0.33%  | 1.862% | E |
| 200                                                   | 19.107 | 19.081 | 19.126 | VV | 3601      | 92643   | 0.33%  | 1.862% | F |
| 201                                                   | 19.139 | 19.126 | 19.148 | VV | 3248      | 39253   | 0.29%  | 0.016% | G |
| 202                                                   | 19.218 | 19.148 | 19.278 | VV | 7857      | 340364  | 2.52%  | 0.138% | H |
| 203                                                   | 19.309 | 19.278 | 19.322 | VV | 2065      | 48891   | 0.36%  | 0.020% | I |
| 204                                                   | 19.369 | 19.322 | 19.399 | VV | 1693      | 68022   | 0.50%  | 0.028% | J |
| 205                                                   | 19.424 | 19.399 | 19.444 | VV | 1741      | 34028   | 0.25%  | 0.014% |   |
| 206                                                   | 19.466 | 19.444 | 19.486 | VV | 944       | 18497   | 0.14%  | 0.008% |   |
| 207                                                   | 19.516 | 19.486 | 19.541 | VV | 1077      | 24458   | 0.18%  | 0.010% |   |
| 208                                                   | 19.611 | 19.541 | 19.654 | VV | 514554    | 7226767 | 53.43% | 2.939% |   |
| 209                                                   | 19.674 | 19.654 | 19.698 | VV | 4182      | 81611   | 0.60%  | 0.033% |   |
| 210                                                   | 19.715 | 19.698 | 19.748 | VV | 2244      | 47521   | 0.35%  | 0.019% |   |
| 211                                                   | 19.780 | 19.748 | 19.818 | VV | 1411      | 35165   | 0.26%  | 0.014% |   |
| 212                                                   | 19.896 | 19.818 | 19.929 | VV | 1051      | 36754   | 0.27%  | 0.015% |   |
| 213                                                   | 19.973 | 19.929 | 20.048 | VV | 5015      | 132656  | 0.98%  | 0.054% |   |
| 214                                                   | 20.055 | 20.048 | 20.068 | VV | 435       | 3808    | 0.03%  | 0.002% |   |
| 215                                                   | 20.084 | 20.068 | 20.097 | VV | 371       | 5113    | 0.04%  | 0.002% |   |
| 216                                                   | 20.230 | 20.097 | 20.294 | VV | 7290      | 308454  | 2.28%  | 0.125% |   |
| 217                                                   | 20.350 | 20.294 | 20.458 | VV | 499260    | 7495879 | 55.42% | 3.048% |   |
| 218                                                   | 20.504 | 20.458 | 20.538 | VV | 8090      | 290651  | 2.15%  | 0.118% |   |
| 219                                                   | 20.654 | 20.538 | 20.666 | VV | 4116      | 294262  | 2.18%  | 0.120% |   |
| 220                                                   | 20.700 | 20.666 | 20.733 | VV | 7391      | 219257  | 1.62%  | 0.089% |   |
| 221                                                   | 20.802 | 20.733 | 20.822 | VV | 4909      | 254190  | 1.88%  | 0.103% |   |
| 222                                                   | 20.886 | 20.822 | 20.918 | VV | 4993      | 276830  | 2.05%  | 0.113% |   |
| 223                                                   | 20.989 | 20.918 | 21.001 | VV | 4836      | 234498  | 1.73%  | 0.095% |   |
| 224                                                   | 21.075 | 21.001 | 21.305 | VV | 417590    | 8178150 | 60.46% | 3.326% |   |
| 225                                                   | 21.315 | 21.305 | 21.356 | VV | 3939      | 112616  | 0.83%  | 0.046% |   |
| 226                                                   | 21.381 | 21.356 | 21.412 | VV | 3325      | 104169  | 0.77%  | 0.042% |   |
| 227                                                   | 21.482 | 21.412 | 21.534 | VV | 4621      | 230791  | 1.71%  | 0.094% |   |
| 228                                                   | 21.612 | 21.534 | 21.660 | VV | 2022      | 150377  | 1.11%  | 0.061% |   |
| 229                                                   | 21.717 | 21.660 | 21.729 | VV | 1016      | 44808   | 0.33%  | 0.018% |   |
| 230                                                   | 21.742 | 21.729 | 21.752 | VV | 792       | 10563   | 0.08%  | 0.004% |   |
| 231                                                   | 21.766 | 21.752 | 21.790 | VV | 620       | 11862   | 0.09%  | 0.005% |   |
| 232                                                   | 21.863 | 21.790 | 21.875 | VV | 354       | 16797   | 0.12%  | 0.007% |   |
| 233                                                   | 21.959 | 21.875 | 22.104 | PV | 285950    | 6884583 | 50.90% | 2.800% |   |
| Sum of corrected areas:                               |        |        |        |    | 245913151 |         |        |        |   |

Aliphatic EPH 100824.M Mon Nov 04 04:48:15 2024



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

Manual Integration Report

|           |            |            |       |
|-----------|------------|------------|-------|
| Sequence: | FE100824AL | Instrument | FID_e |
|-----------|------------|------------|-------|

| Sample ID              | File ID    | Parameter               | Review By | Review On               | Supervised By | Supervised On     | Reason                      |
|------------------------|------------|-------------------------|-----------|-------------------------|---------------|-------------------|-----------------------------|
| 10 PPM<br>ALIPHATIC HC | FE050538.D | n-Octatriacontane (C38) | yogesh    | 10/8/2024 8:01:13<br>AM | Ankita        | 10/8/2024 9:52:52 | Peak Integrated by Software |
| 5 PPM<br>ALIPHATIC HC  | FE050539.D | n-Tetracontane (C40)    | yogesh    | 10/8/2024 8:01:15<br>AM | Ankita        | 10/8/2024 9:52:53 | Peak Integrated by Software |

## Manual Integration Report

|           |            |            |       |
|-----------|------------|------------|-------|
| Sequence: | FE110124AL | Instrument | FID_e |
|-----------|------------|------------|-------|

| Sample ID           | File ID    | Parameter              | Review By | Review On            | Supervised By | Supervised On      | Reason                      |
|---------------------|------------|------------------------|-----------|----------------------|---------------|--------------------|-----------------------------|
| 20 PPM ALIPHATIC HC | FE050961.D | n-Hexacosane (C26)     | Yogesh    | 11/4/2024 9:44:17 AM | Ankita        | 11/4/2024 10:05:19 | Peak Integrated by Software |
| 20 PPM ALIPHATIC HC | FE050961.D | n-Tetracosane (C24)    | Yogesh    | 11/4/2024 9:44:17 AM | Ankita        | 11/4/2024 10:05:19 | Peak Integrated by Software |
| 20 PPM ALIPHATIC HC | FE050964.D | n-Docosane (C22)       | Yogesh    | 11/4/2024 9:44:19 AM | Ankita        | 11/4/2024 10:05:21 | Peak Integrated by Software |
| 20 PPM ALIPHATIC HC | FE050964.D | ortho-Terphenyl (SURR) | Yogesh    | 11/4/2024 9:44:19 AM | Ankita        | 11/4/2024 10:05:21 | Peak Integrated by Software |
| PB164589BL          | FE050965.D | ortho-Terphenyl (SURR) | Yogesh    | 11/4/2024 9:44:22 AM | Ankita        | 11/4/2024 10:05:23 | Peak Integrated by Software |
| PB164589BS          | FE050966.D | n-Hexacosane (C26)     | Yogesh    | 11/4/2024 9:44:24 AM | Ankita        | 11/4/2024 10:05:26 | Peak Integrated by Software |
| PB164589BS          | FE050966.D | n-Octacosane (C28)     | Yogesh    | 11/4/2024 9:44:24 AM | Ankita        | 11/4/2024 10:05:26 | Peak Integrated by Software |
| PB164589BS          | FE050966.D | n-Tetracosane (C24)    | Yogesh    | 11/4/2024 9:44:24 AM | Ankita        | 11/4/2024 10:05:26 | Peak Integrated by Software |
| PB164589BSD         | FE050967.D | n-Hexacosane (C26)     | Yogesh    | 11/4/2024 9:44:26 AM | Ankita        | 11/4/2024 10:05:28 | Peak Integrated by Software |
| PB164589BSD         | FE050967.D | n-Octacosane (C28)     | Yogesh    | 11/4/2024 9:44:26 AM | Ankita        | 11/4/2024 10:05:28 | Peak Integrated by Software |
| PB164589BSD         | FE050967.D | n-Tetracosane (C24)    | Yogesh    | 11/4/2024 9:44:26 AM | Ankita        | 11/4/2024 10:05:28 | Peak Integrated by Software |
| PB164589BSD         | FE050967.D | ortho-Terphenyl (SURR) | Yogesh    | 11/4/2024 9:44:26 AM | Ankita        | 11/4/2024 10:05:28 | Peak Integrated by Software |
| P4640-01            | FE050968.D | ortho-Terphenyl (SURR) | Yogesh    | 11/4/2024 9:44:28 AM | Ankita        | 11/4/2024 10:05:30 | Peak Integrated by Software |

## Manual Integration Report

|           |            |            |       |
|-----------|------------|------------|-------|
| Sequence: | FE110124AL | Instrument | FID_e |
|-----------|------------|------------|-------|

| Sample ID   | File ID    | Parameter                | Review By | Review On            | Supervised By | Supervised On      | Reason                      |
|-------------|------------|--------------------------|-----------|----------------------|---------------|--------------------|-----------------------------|
| P4640-02    | FE050969.D | ortho-Terphenyl (SURR)   | Yogesh    | 11/4/2024 9:44:29 AM | Ankita        | 11/4/2024 10:05:32 | Peak Integrated by Software |
| P4643-01    | FE050970.D | ortho-Terphenyl (SURR)   | Yogesh    | 11/4/2024 9:44:31 AM | Ankita        | 11/4/2024 10:05:33 | Peak Integrated by Software |
| P4643-02    | FE050971.D | ortho-Terphenyl (SURR)   | Yogesh    | 11/4/2024 9:44:33 AM | Ankita        | 11/4/2024 10:05:35 | Peak Integrated by Software |
| P4643-05    | FE050972.D | ortho-Terphenyl (SURR)   | Yogesh    | 11/4/2024 9:44:35 AM | Ankita        | 11/4/2024 10:05:37 | Peak Integrated by Software |
| P4643-05D   | FE050973.D | ortho-Terphenyl (SURR)   | Yogesh    | 11/4/2024 9:44:37 AM | Ankita        | 11/4/2024 10:05:39 | Peak Integrated by Software |
| P4643-05MS  | FE050974.D | n-Dotriacontane (C32)    | Yogesh    | 11/4/2024 9:44:39 AM | Ankita        | 11/4/2024 10:05:41 | Peak Integrated by Software |
| P4643-05MS  | FE050974.D | n-Hexacosane (C26)       | Yogesh    | 11/4/2024 9:44:39 AM | Ankita        | 11/4/2024 10:05:41 | Peak Integrated by Software |
| P4643-05MS  | FE050974.D | n-Octacosane (C28)       | Yogesh    | 11/4/2024 9:44:39 AM | Ankita        | 11/4/2024 10:05:41 | Peak Integrated by Software |
| P4643-05MS  | FE050974.D | n-Tetracosane (C24)      | Yogesh    | 11/4/2024 9:44:39 AM | Ankita        | 11/4/2024 10:05:41 | Peak Integrated by Software |
| P4643-05MS  | FE050974.D | n-Tetratriacontane (C34) | Yogesh    | 11/4/2024 9:44:39 AM | Ankita        | 11/4/2024 10:05:41 | Peak Integrated by Software |
| P4643-05MS  | FE050974.D | ortho-Terphenyl (SURR)   | Yogesh    | 11/4/2024 9:44:39 AM | Ankita        | 11/4/2024 10:05:41 | Peak Integrated by Software |
| P4643-05MSD | FE050975.D | n-Dotriacontane (C32)    | Yogesh    | 11/4/2024 9:44:41 AM | Ankita        | 11/4/2024 10:05:43 | Peak Integrated by Software |
| P4643-05MSD | FE050975.D | n-Hexacosane (C26)       | Yogesh    | 11/4/2024 9:44:41 AM | Ankita        | 11/4/2024 10:05:43 | Peak Integrated by Software |

## Manual Integration Report

|           |            |            |       |
|-----------|------------|------------|-------|
| Sequence: | FE110124AL | Instrument | FID_e |
|-----------|------------|------------|-------|

| Sample ID           | File ID    | Parameter                      | Review By | Review On            | Supervised By | Supervised On      | Reason                      |
|---------------------|------------|--------------------------------|-----------|----------------------|---------------|--------------------|-----------------------------|
| P4643-05MSD         | FE050975.D | n-Octacosane (C28)             | Yogesh    | 11/4/2024 9:44:41 AM | Ankita        | 11/4/2024 10:05:43 | Peak Integrated by Software |
| P4643-05MSD         | FE050975.D | n-Tetracosane (C24)            | Yogesh    | 11/4/2024 9:44:41 AM | Ankita        | 11/4/2024 10:05:43 | Peak Integrated by Software |
| P4643-05MSD         | FE050975.D | ortho-Terphenyl (SURR)         | Yogesh    | 11/4/2024 9:44:41 AM | Ankita        | 11/4/2024 10:05:43 | Peak Integrated by Software |
| P4643-06            | FE050976.D | ortho-Terphenyl (SURR)         | Yogesh    | 11/4/2024 9:44:42 AM | Ankita        | 11/4/2024 10:05:44 | Peak Integrated by Software |
| P4643-09            | FE050977.D | ortho-Terphenyl (SURR)         | Yogesh    | 11/4/2024 9:44:44 AM | Ankita        | 11/4/2024 10:05:45 | Peak Integrated by Software |
| P4643-10            | FE050978.D | ortho-Terphenyl (SURR)         | Yogesh    | 11/4/2024 9:44:45 AM | Ankita        | 11/4/2024 10:05:47 | Peak Integrated by Software |
| 20 PPM ALIPHATIC HC | FE050980.D | A~2-methylnaphthalene (C12.89) | Yogesh    | 11/4/2024 9:44:47 AM | Ankita        | 11/4/2024 10:05:48 | Peak Integrated by Software |
| 20 PPM ALIPHATIC HC | FE050980.D | n-Docosane (C22)               | Yogesh    | 11/4/2024 9:44:47 AM | Ankita        | 11/4/2024 10:05:48 | Peak Integrated by Software |
| 20 PPM ALIPHATIC HC | FE050980.D | n-Hexacosane (C26)             | Yogesh    | 11/4/2024 9:44:47 AM | Ankita        | 11/4/2024 10:05:48 | Peak Integrated by Software |
| 20 PPM ALIPHATIC HC | FE050980.D | n-Tetracosane (C24)            | Yogesh    | 11/4/2024 9:44:47 AM | Ankita        | 11/4/2024 10:05:48 | Peak Integrated by Software |
| 20 PPM ALIPHATIC HC | FE050980.D | ortho-Terphenyl (SURR)         | Yogesh    | 11/4/2024 9:44:47 AM | Ankita        | 11/4/2024 10:05:48 | Peak Integrated by Software |
| P4645-01            | FE050981.D | ortho-Terphenyl (SURR)         | Yogesh    | 11/4/2024 9:44:49 AM | Ankita        | 11/4/2024 10:05:50 | Peak Integrated by Software |
| P4645-02            | FE050982.D | ortho-Terphenyl (SURR)         | Yogesh    | 11/4/2024 9:44:50 AM | Ankita        | 11/4/2024 10:05:52 | Peak Integrated by Software |

## Manual Integration Report

|           |            |            |       |
|-----------|------------|------------|-------|
| Sequence: | FE110124AL | Instrument | FID_e |
|-----------|------------|------------|-------|

| Sample ID           | File ID    | Parameter                 | Review By | Review On            | Supervised By | Supervised On      | Reason                      |
|---------------------|------------|---------------------------|-----------|----------------------|---------------|--------------------|-----------------------------|
| P4659-01            | FE050983.D | ortho-Terphenyl (SURR)    | Yogesh    | 11/4/2024 9:44:52 AM | Ankita        | 11/4/2024 10:05:54 | Peak Integrated by Software |
| P4659-02            | FE050984.D | ortho-Terphenyl (SURR)    | Yogesh    | 11/4/2024 9:44:54 AM | Ankita        | 11/4/2024 10:06:27 | Peak Integrated by Software |
| P4663-02            | FE050985.D | ortho-Terphenyl (SURR)    | Yogesh    | 11/4/2024 9:44:55 AM | Ankita        | 11/4/2024 10:05:56 | Peak Integrated by Software |
| P4663-04            | FE050986.D | ortho-Terphenyl (SURR)    | Yogesh    | 11/4/2024 9:44:57 AM | Ankita        | 11/4/2024 10:05:58 | Peak Integrated by Software |
| P4663-06            | FE050987.D | 1-chlorooctadecane (SURR) | Yogesh    | 11/4/2024 9:44:58 AM | Ankita        | 11/4/2024 10:05:59 | Peak Integrated by Software |
| P4663-06            | FE050987.D | ortho-Terphenyl (SURR)    | Yogesh    | 11/4/2024 9:44:58 AM | Ankita        | 11/4/2024 10:05:59 | Peak Integrated by Software |
| P4663-08            | FE050988.D | ortho-Terphenyl (SURR)    | Yogesh    | 11/4/2024 9:45:00 AM | Ankita        | 11/4/2024 10:06:02 | Peak Integrated by Software |
| 20 PPM ALIPHATIC HC | FE050990.D | n-Docosane (C22)          | Yogesh    | 11/4/2024 9:45:01 AM | Ankita        | 11/4/2024 10:06:03 | Peak Integrated by Software |
| 20 PPM ALIPHATIC HC | FE050990.D | n-Hexacosane (C26)        | Yogesh    | 11/4/2024 9:45:01 AM | Ankita        | 11/4/2024 10:06:03 | Peak Integrated by Software |
| 20 PPM ALIPHATIC HC | FE050990.D | n-Hexatriacontane (C36)   | Yogesh    | 11/4/2024 9:45:01 AM | Ankita        | 11/4/2024 10:06:03 | Peak Integrated by Software |
| 20 PPM ALIPHATIC HC | FE050990.D | n-Tetracosane (C24)       | Yogesh    | 11/4/2024 9:45:01 AM | Ankita        | 11/4/2024 10:06:03 | Peak Integrated by Software |
| 20 PPM ALIPHATIC HC | FE050990.D | ortho-Terphenyl (SURR)    | Yogesh    | 11/4/2024 9:45:01 AM | Ankita        | 11/4/2024 10:06:03 | Peak Integrated by Software |



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

Manual Integration Report

|           |            |            |       |
|-----------|------------|------------|-------|
| Sequence: | FE110124AL | Instrument | FID_e |
|-----------|------------|------------|-------|

|           |         |           |           |           |               |               |        |
|-----------|---------|-----------|-----------|-----------|---------------|---------------|--------|
| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|-----------|---------|-----------|-----------|-----------|---------------|---------------|--------|

## Manual Integration Report

|           |            |            |       |
|-----------|------------|------------|-------|
| Sequence: | FE110524AL | Instrument | FID_e |
|-----------|------------|------------|-------|

| Sample ID           | File ID    | Parameter               | Review By | Review On            | Supervised By | Supervised On     | Reason                      |
|---------------------|------------|-------------------------|-----------|----------------------|---------------|-------------------|-----------------------------|
| 20 PPM ALIPHATIC HC | FE051023.D | n-Hexacosane (C26)      | yogesh    | 11/6/2024 7:42:29 AM | Ankita        | 11/6/2024 9:48:47 | Peak Integrated by Software |
| 20 PPM ALIPHATIC HC | FE051023.D | n-Hexatriacontane (C36) | yogesh    | 11/6/2024 7:42:29 AM | Ankita        | 11/6/2024 9:48:47 | Peak Integrated by Software |
| 20 PPM ALIPHATIC HC | FE051023.D | n-Tetracosane (C24)     | yogesh    | 11/6/2024 7:42:29 AM | Ankita        | 11/6/2024 9:48:47 | Peak Integrated by Software |
| 20 PPM ALIPHATIC HC | FE051023.D | ortho-Terphenyl (SURR)  | yogesh    | 11/6/2024 7:42:29 AM | Ankita        | 11/6/2024 9:48:47 | Peak Integrated by Software |
| P4663-06DL          | FE051024.D | ortho-Terphenyl (SURR)  | yogesh    | 11/6/2024 7:42:33 AM | Ankita        | 11/6/2024 9:48:49 | Peak Integrated by Software |
| P4679-01DL          | FE051025.D | ortho-Terphenyl (SURR)  | yogesh    | 11/6/2024 7:42:46 AM | Ankita        | 11/6/2024 9:48:50 | Peak Integrated by Software |
| 20 PPM ALIPHATIC HC | FE051027.D | n-Hexacosane (C26)      | yogesh    | 11/6/2024 7:42:49 AM | Ankita        | 11/6/2024 9:48:52 | Peak Integrated by Software |
| 20 PPM ALIPHATIC HC | FE051027.D | n-Octatriacontane (C38) | yogesh    | 11/6/2024 7:42:49 AM | Ankita        | 11/6/2024 9:48:52 | Peak Integrated by Software |
| 20 PPM ALIPHATIC HC | FE051027.D | n-Tetracontane (C40)    | yogesh    | 11/6/2024 7:42:49 AM | Ankita        | 11/6/2024 9:48:52 | Peak Integrated by Software |
| 20 PPM ALIPHATIC HC | FE051027.D | n-Tetracosane (C24)     | yogesh    | 11/6/2024 7:42:49 AM | Ankita        | 11/6/2024 9:48:52 | Peak Integrated by Software |
| 20 PPM ALIPHATIC HC | FE051027.D | ortho-Terphenyl (SURR)  | yogesh    | 11/6/2024 7:42:49 AM | Ankita        | 11/6/2024 9:48:52 | Peak Integrated by Software |
| PB164681BL          | FE051028.D | ortho-Terphenyl (SURR)  | yogesh    | 11/6/2024 7:42:52 AM | Ankita        | 11/6/2024 9:48:54 | Peak Integrated by Software |
| PB164681BS          | FE051029.D | n-Hexacosane (C26)      | yogesh    | 11/6/2024 7:42:54 AM | Ankita        | 11/6/2024 9:48:55 | Peak Integrated by Software |

## Manual Integration Report

|           |            |            |       |
|-----------|------------|------------|-------|
| Sequence: | FE110524AL | Instrument | FID_e |
|-----------|------------|------------|-------|

| Sample ID   | File ID    | Parameter                | Review By | Review On            | Supervised By | Supervised On     | Reason                      |
|-------------|------------|--------------------------|-----------|----------------------|---------------|-------------------|-----------------------------|
| PB164681BS  | FE051029.D | n-Octacosane (C28)       | yogesh    | 11/6/2024 7:42:54 AM | Ankita        | 11/6/2024 9:48:55 | Peak Integrated by Software |
| PB164681BS  | FE051029.D | n-Tetracosane (C24)      | yogesh    | 11/6/2024 7:42:54 AM | Ankita        | 11/6/2024 9:48:55 | Peak Integrated by Software |
| PB164681BS  | FE051029.D | ortho-Terphenyl (SURR)   | yogesh    | 11/6/2024 7:42:54 AM | Ankita        | 11/6/2024 9:48:55 | Peak Integrated by Software |
| PB164681BSD | FE051030.D | n-Hexacosane (C26)       | yogesh    | 11/6/2024 7:42:56 AM | Ankita        | 11/6/2024 9:48:56 | Peak Integrated by Software |
| PB164681BSD | FE051030.D | n-Hexatriacontane (C36)  | yogesh    | 11/6/2024 7:42:56 AM | Ankita        | 11/6/2024 9:48:56 | Peak Integrated by Software |
| PB164681BSD | FE051030.D | n-Octacosane (C28)       | yogesh    | 11/6/2024 7:42:56 AM | Ankita        | 11/6/2024 9:48:56 | Peak Integrated by Software |
| PB164681BSD | FE051030.D | n-Octatriacontane (C38)  | yogesh    | 11/6/2024 7:42:56 AM | Ankita        | 11/6/2024 9:48:56 | Peak Integrated by Software |
| PB164681BSD | FE051030.D | n-Tetracontane (C40)     | yogesh    | 11/6/2024 7:42:56 AM | Ankita        | 11/6/2024 9:48:56 | Peak Integrated by Software |
| PB164681BSD | FE051030.D | n-Tetracosane (C24)      | yogesh    | 11/6/2024 7:42:56 AM | Ankita        | 11/6/2024 9:48:56 | Peak Integrated by Software |
| PB164681BSD | FE051030.D | n-Tetratriacontane (C34) | yogesh    | 11/6/2024 7:42:56 AM | Ankita        | 11/6/2024 9:48:56 | Peak Integrated by Software |
| PB164681BSD | FE051030.D | ortho-Terphenyl (SURR)   | yogesh    | 11/6/2024 7:42:56 AM | Ankita        | 11/6/2024 9:48:56 | Peak Integrated by Software |
| P4682-01    | FE051031.D | ortho-Terphenyl (SURR)   | yogesh    | 11/6/2024 7:42:58 AM | Ankita        | 11/6/2024 9:48:58 | Peak Integrated by Software |
| P4693-01    | FE051032.D | ortho-Terphenyl (SURR)   | yogesh    | 11/6/2024 7:42:59 AM | Ankita        | 11/6/2024 9:49:00 | Peak Integrated by Software |

## Manual Integration Report

|           |            |            |       |
|-----------|------------|------------|-------|
| Sequence: | FE110524AL | Instrument | FID_e |
|-----------|------------|------------|-------|

| Sample ID   | File ID    | Parameter                | Review By | Review On            | Supervised By | Supervised On     | Reason                      |
|-------------|------------|--------------------------|-----------|----------------------|---------------|-------------------|-----------------------------|
| P4693-01D   | FE051033.D | ortho-Terphenyl (SURR)   | yogesh    | 11/6/2024 7:43:01 AM | Ankita        | 11/6/2024 9:49:01 | Peak Integrated by Software |
| P4693-01MS  | FE051034.D | n-Eicosane (C20)         | yogesh    | 11/6/2024 7:43:04 AM | Ankita        | 11/6/2024 9:49:03 | Peak Integrated by Software |
| P4693-01MS  | FE051034.D | n-Hexacosane (C26)       | yogesh    | 11/6/2024 7:43:04 AM | Ankita        | 11/6/2024 9:49:03 | Peak Integrated by Software |
| P4693-01MS  | FE051034.D | n-Hexatriacontane (C36)  | yogesh    | 11/6/2024 7:43:04 AM | Ankita        | 11/6/2024 9:49:03 | Peak Integrated by Software |
| P4693-01MS  | FE051034.D | n-Octacosane (C28)       | yogesh    | 11/6/2024 7:43:04 AM | Ankita        | 11/6/2024 9:49:03 | Peak Integrated by Software |
| P4693-01MS  | FE051034.D | n-Octatriacontane (C38)  | yogesh    | 11/6/2024 7:43:04 AM | Ankita        | 11/6/2024 9:49:03 | Peak Integrated by Software |
| P4693-01MS  | FE051034.D | n-Tetracontane (C40)     | yogesh    | 11/6/2024 7:43:04 AM | Ankita        | 11/6/2024 9:49:03 | Peak Integrated by Software |
| P4693-01MS  | FE051034.D | n-Tetracosane (C24)      | yogesh    | 11/6/2024 7:43:04 AM | Ankita        | 11/6/2024 9:49:03 | Peak Integrated by Software |
| P4693-01MS  | FE051034.D | n-Tetratriacontane (C34) | yogesh    | 11/6/2024 7:43:04 AM | Ankita        | 11/6/2024 9:49:03 | Peak Integrated by Software |
| P4693-01MS  | FE051034.D | ortho-Terphenyl (SURR)   | yogesh    | 11/6/2024 7:43:04 AM | Ankita        | 11/6/2024 9:49:03 | Peak Integrated by Software |
| P4693-01MSD | FE051035.D | n-Eicosane (C20)         | yogesh    | 11/6/2024 7:43:06 AM | Ankita        | 11/6/2024 9:49:04 | Peak Integrated by Software |
| P4693-01MSD | FE051035.D | n-Hexacosane (C26)       | yogesh    | 11/6/2024 7:43:06 AM | Ankita        | 11/6/2024 9:49:04 | Peak Integrated by Software |
| P4693-01MSD | FE051035.D | n-Octacosane (C28)       | yogesh    | 11/6/2024 7:43:06 AM | Ankita        | 11/6/2024 9:49:04 | Peak Integrated by Software |

## Manual Integration Report

|           |            |            |       |
|-----------|------------|------------|-------|
| Sequence: | FE110524AL | Instrument | FID_e |
|-----------|------------|------------|-------|

| Sample ID   | File ID    | Parameter                 | Review By | Review On            | Supervised By | Supervised On     | Reason                      |
|-------------|------------|---------------------------|-----------|----------------------|---------------|-------------------|-----------------------------|
| P4693-01MSD | FE051035.D | n-Tetracontane (C40)      | yogesh    | 11/6/2024 7:43:06 AM | Ankita        | 11/6/2024 9:49:04 | Peak Integrated by Software |
| P4693-01MSD | FE051035.D | n-Tetracosane (C24)       | yogesh    | 11/6/2024 7:43:06 AM | Ankita        | 11/6/2024 9:49:04 | Peak Integrated by Software |
| P4693-01MSD | FE051035.D | ortho-Terphenyl (SURR)    | yogesh    | 11/6/2024 7:43:06 AM | Ankita        | 11/6/2024 9:49:04 | Peak Integrated by Software |
| P4693-02    | FE051036.D | 1-chlorooctadecane (SURR) | yogesh    | 11/6/2024 7:43:08 AM | Ankita        | 11/6/2024 9:49:06 | Peak Integrated by Software |
| P4693-02    | FE051036.D | ortho-Terphenyl (SURR)    | yogesh    | 11/6/2024 7:43:08 AM | Ankita        | 11/6/2024 9:49:06 | Peak Integrated by Software |
| P4693-05    | FE051037.D | ortho-Terphenyl (SURR)    | yogesh    | 11/6/2024 7:43:09 AM | Ankita        | 11/6/2024 9:49:07 | Peak Integrated by Software |
| P4693-06    | FE051038.D | ortho-Terphenyl (SURR)    | yogesh    | 11/6/2024 7:43:11 AM | Ankita        | 11/6/2024 9:49:09 | Peak Integrated by Software |
| P4694-05    | FE051039.D | ortho-Terphenyl (SURR)    | yogesh    | 11/6/2024 7:43:13 AM | Ankita        | 11/6/2024 9:49:10 | Peak Integrated by Software |
| P4694-06    | FE051040.D | ortho-Terphenyl (SURR)    | yogesh    | 11/6/2024 7:43:15 AM | Ankita        | 11/6/2024 9:49:12 | Peak Integrated by Software |
| P4695-02    | FE051042.D | ortho-Terphenyl (SURR)    | yogesh    | 11/6/2024 7:43:17 AM | Ankita        | 11/6/2024 9:49:33 | Peak Integrated by Software |
| P4697-01    | FE051043.D | ortho-Terphenyl (SURR)    | yogesh    | 11/6/2024 7:43:19 AM | Ankita        | 11/6/2024 9:49:34 | Peak Integrated by Software |
| P4697-02    | FE051044.D | ortho-Terphenyl (SURR)    | yogesh    | 11/6/2024 7:43:20 AM | Ankita        | 11/6/2024 9:49:36 | Peak Integrated by Software |
| P4701-01    | FE051045.D | ortho-Terphenyl (SURR)    | yogesh    | 11/6/2024 7:43:22 AM | Ankita        | 11/6/2024 9:49:37 | Peak Integrated by Software |

## Manual Integration Report

|           |            |            |       |
|-----------|------------|------------|-------|
| Sequence: | FE110524AL | Instrument | FID_e |
|-----------|------------|------------|-------|

| Sample ID           | File ID    | Parameter               | Review By | Review On            | Supervised By | Supervised On     | Reason                      |
|---------------------|------------|-------------------------|-----------|----------------------|---------------|-------------------|-----------------------------|
| P4701-02            | FE051046.D | ortho-Terphenyl (SURR)  | yogesh    | 11/6/2024 7:43:24 AM | Ankita        | 11/6/2024 9:49:38 | Peak Integrated by Software |
| P4701-05            | FE051047.D | ortho-Terphenyl (SURR)  | yogesh    | 11/6/2024 7:43:26 AM | Ankita        | 11/6/2024 9:49:40 | Peak Integrated by Software |
| 20 PPM ALIPHATIC HC | FE051049.D | n-Hexacosane (C26)      | yogesh    | 11/6/2024 7:43:28 AM | Ankita        | 11/6/2024 9:49:41 | Peak Integrated by Software |
| 20 PPM ALIPHATIC HC | FE051049.D | n-Octatriacontane (C38) | yogesh    | 11/6/2024 7:43:28 AM | Ankita        | 11/6/2024 9:49:41 | Peak Integrated by Software |
| 20 PPM ALIPHATIC HC | FE051049.D | n-Tetracontane (C40)    | yogesh    | 11/6/2024 7:43:28 AM | Ankita        | 11/6/2024 9:49:41 | Peak Integrated by Software |
| 20 PPM ALIPHATIC HC | FE051049.D | n-Tetracosane (C24)     | yogesh    | 11/6/2024 7:43:28 AM | Ankita        | 11/6/2024 9:49:41 | Peak Integrated by Software |
| 20 PPM ALIPHATIC HC | FE051049.D | ortho-Terphenyl (SURR)  | yogesh    | 11/6/2024 7:43:28 AM | Ankita        | 11/6/2024 9:49:41 | Peak Integrated by Software |
| P4701-06            | FE051050.D | ortho-Terphenyl (SURR)  | yogesh    | 11/6/2024 7:43:34 AM | Ankita        | 11/6/2024 9:49:43 | Peak Integrated by Software |
| P4685-01            | FE051051.D | ortho-Terphenyl (SURR)  | yogesh    | 11/6/2024 7:43:36 AM | Ankita        | 11/6/2024 9:49:44 | Peak Integrated by Software |
| P4685-02            | FE051052.D | ortho-Terphenyl (SURR)  | yogesh    | 11/6/2024 7:43:38 AM | Ankita        | 11/6/2024 9:49:46 | Peak Integrated by Software |
| P4694-01            | FE051053.D | ortho-Terphenyl (SURR)  | yogesh    | 11/6/2024 7:43:40 AM | Ankita        | 11/6/2024 9:49:48 | Peak Integrated by Software |
| P4694-02            | FE051054.D | ortho-Terphenyl (SURR)  | yogesh    | 11/6/2024 7:43:44 AM | Ankita        | 11/6/2024 9:49:50 | Peak Integrated by Software |
| 20 PPM ALIPHATIC HC | FE051056.D | n-Hexacosane (C26)      | yogesh    | 11/6/2024 7:43:46 AM | Ankita        | 11/6/2024 9:49:51 | Peak Integrated by Software |



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

Manual Integration Report

|           |            |            |       |
|-----------|------------|------------|-------|
| Sequence: | FE110524AL | Instrument | FID_e |
|-----------|------------|------------|-------|

| Sample ID           | File ID    | Parameter              | Review By | Review On            | Supervised By | Supervised On     | Reason                      |
|---------------------|------------|------------------------|-----------|----------------------|---------------|-------------------|-----------------------------|
| 20 PPM ALIPHATIC HC | FE051056.D | n-Tetracosane (C24)    | yogesh    | 11/6/2024 7:43:46 AM | Ankita        | 11/6/2024 9:49:51 | Peak Integrated by Software |
| 20 PPM ALIPHATIC HC | FE051056.D | ortho-Terphenyl (SURR) | yogesh    | 11/6/2024 7:43:46 AM | Ankita        | 11/6/2024 9:49:51 | Peak Integrated by Software |

Instrument ID: FID\_E

**Daily Analysis Runlog For Sequence/QC Batch ID # FE100824AL**

|                                                                    |                                         |                   |                                 |
|--------------------------------------------------------------------|-----------------------------------------|-------------------|---------------------------------|
| Review By                                                          | yogesh                                  | Review On         | 10/7/2024 4:16:27 PM            |
| Supervise By                                                       | Ankita                                  | Supervise On      | 10/8/2024 9:52:58 AM            |
| SubDirectory                                                       | FE100824AL                              | HP Acquire Method | HP Processing Method FE100824AL |
| <b>STD. NAME</b>                                                   | <b>STD REF.#</b>                        |                   |                                 |
| Tune/Reschk<br>Initial Calibration Stds                            | PP23644,PP23646,PP23647,PP23648,PP23649 |                   |                                 |
| CCC<br>Internal Standard/PEM                                       | PP23647                                 |                   |                                 |
| ICV/I.BLK<br>Surrogate Standard<br>MS/MSD Standard<br>LCS Standard | PP23645,PP23650                         |                   |                                 |

| Sr# | SampleId                    | Data File Name | Date-Time         | Operator | Status |
|-----|-----------------------------|----------------|-------------------|----------|--------|
| 1   | MECL2                       | FE050533.D     | 07 Oct 2024 13:05 | YP\AJ    | Ok     |
| 2   | I.BLK                       | FE050534.D     | 07 Oct 2024 13:36 | YP\AJ    | Ok     |
| 3   | 100 PPM ALIPHATIC HC STD1   | FE050535.D     | 07 Oct 2024 14:06 | YP\AJ    | Ok     |
| 4   | 50 PPM ALIPHATIC HC STD2    | FE050536.D     | 07 Oct 2024 14:36 | YP\AJ    | Ok     |
| 5   | 20 PPM ALIPHATIC HC STD3    | FE050537.D     | 07 Oct 2024 15:06 | YP\AJ    | Ok     |
| 6   | 10 PPM ALIPHATIC HC STD4    | FE050538.D     | 07 Oct 2024 15:37 | YP\AJ    | Ok,M   |
| 7   | 5 PPM ALIPHATIC HC STD5     | FE050539.D     | 07 Oct 2024 16:07 | YP\AJ    | Ok,M   |
| 8   | 20 PPM ALIPHATIC HC STD ICV | FE050540.D     | 07 Oct 2024 16:37 | YP\AJ    | Ok     |
| 9   | I.BLK                       | FE050541.D     | 07 Oct 2024 18:08 | YP\AJ    | Ok     |
| 10  | 20 PPM ALIPHATIC HC STD     | FE050542.D     | 07 Oct 2024 18:39 | YP\AJ    | Ok     |

M : Manual Integration

Instrument ID: FID\_E

**Daily Analysis Runlog For Sequence/QC Batch ID # FE110124AL**

|                                                                    |                                         |                   |                                 |
|--------------------------------------------------------------------|-----------------------------------------|-------------------|---------------------------------|
| Review By                                                          | yogesh                                  | Review On         | 11/1/2024 11:29:15 AM           |
| Supervise By                                                       | Ankita                                  | Supervise On      | 11/4/2024 10:06:31 AM           |
| SubDirectory                                                       | FE110124AL                              | HP Acquire Method | HP Processing Method FE100824AL |
| <b>STD. NAME</b>                                                   | <b>STD REF.#</b>                        |                   |                                 |
| Tune/Reschk<br>Initial Calibration Stds                            | PP23644,PP23646,PP23647,PP23648,PP23649 |                   |                                 |
| CCC<br>Internal Standard/PEM                                       | PP23647                                 |                   |                                 |
| ICV/I.BLK<br>Surrogate Standard<br>MS/MSD Standard<br>LCS Standard | PP23645,PP23650                         |                   |                                 |

| Sr# | SampleId                | Data File Name | Date-Time         | Operator | Status   |
|-----|-------------------------|----------------|-------------------|----------|----------|
| 1   | MECL2                   | FE050959.D     | 01 Nov 2024 09:53 | YP\AJ    | Ok       |
| 2   | I.BLK                   | FE050960.D     | 01 Nov 2024 10:23 | YP\AJ    | Ok       |
| 3   | 20 PPM ALIPHATIC HC STD | FE050961.D     | 01 Nov 2024 10:53 | YP\AJ    | Ok,M     |
| 4   | P4599-05DL2             | FE050962.D     | 01 Nov 2024 11:24 | YP\AJ    | Ok       |
| 5   | I.BLK                   | FE050963.D     | 01 Nov 2024 11:54 | YP\AJ    | Ok       |
| 6   | 20 PPM ALIPHATIC HC STD | FE050964.D     | 01 Nov 2024 12:24 | YP\AJ    | Ok,M     |
| 7   | PB164589BL              | FE050965.D     | 01 Nov 2024 15:33 | YP\AJ    | Ok,M     |
| 8   | PB164589BS              | FE050966.D     | 01 Nov 2024 16:03 | YP\AJ    | Ok,M     |
| 9   | PB164589BSD             | FE050967.D     | 01 Nov 2024 16:33 | YP\AJ    | Ok,M     |
| 10  | P4640-01                | FE050968.D     | 01 Nov 2024 17:03 | YP\AJ    | Ok,M     |
| 11  | P4640-02                | FE050969.D     | 01 Nov 2024 17:33 | YP\AJ    | Dilution |
| 12  | P4643-01                | FE050970.D     | 01 Nov 2024 18:04 | YP\AJ    | Ok,M     |
| 13  | P4643-02                | FE050971.D     | 01 Nov 2024 18:34 | YP\AJ    | Ok,M     |
| 14  | P4643-05                | FE050972.D     | 01 Nov 2024 19:04 | YP\AJ    | Ok,M     |
| 15  | P4643-05D               | FE050973.D     | 01 Nov 2024 19:34 | YP\AJ    | Ok,M     |
| 16  | P4643-05MS              | FE050974.D     | 01 Nov 2024 20:04 | YP\AJ    | Ok,M     |
| 17  | P4643-05MSD             | FE050975.D     | 01 Nov 2024 20:34 | YP\AJ    | Ok,M     |
| 18  | P4643-06                | FE050976.D     | 01 Nov 2024 21:04 | YP\AJ    | Ok,M     |
| 19  | P4643-09                | FE050977.D     | 01 Nov 2024 21:35 | YP\AJ    | Ok,M     |
| 20  | P4643-10                | FE050978.D     | 01 Nov 2024 22:05 | YP\AJ    | Ok,M     |
| 21  | I.BLK                   | FE050979.D     | 01 Nov 2024 23:05 | YP\AJ    | Ok       |

Instrument ID: FID\_E

**Daily Analysis Runlog For Sequence/QC Batch ID # FE110124AL**

| Review By                                                          | yogesh                                  | Review On         | 11/1/2024 11:29:15 AM           |
|--------------------------------------------------------------------|-----------------------------------------|-------------------|---------------------------------|
| Supervise By                                                       | Ankita                                  | Supervise On      | 11/4/2024 10:06:31 AM           |
| SubDirectory                                                       | FE110124AL                              | HP Acquire Method | HP Processing Method FE100824AL |
| STD. NAME                                                          | STD REF.#                               |                   |                                 |
| Tune/Reschk<br>Initial Calibration Stds                            | PP23644,PP23646,PP23647,PP23648,PP23649 |                   |                                 |
| CCC<br>Internal Standard/PEM                                       | PP23647                                 |                   |                                 |
| ICV/I.BLK<br>Surrogate Standard<br>MS/MSD Standard<br>LCS Standard | PP23645,PP23650                         |                   |                                 |

|    |                         |            |                   |       |          |
|----|-------------------------|------------|-------------------|-------|----------|
| 22 | 20 PPM ALIPHATIC HC STD | FE050980.D | 01 Nov 2024 23:36 | YP\AJ | Ok,M     |
| 23 | P4645-01                | FE050981.D | 02 Nov 2024 00:36 | YP\AJ | Dilution |
| 24 | P4645-02                | FE050982.D | 02 Nov 2024 01:07 | YP\AJ | Dilution |
| 25 | P4659-01                | FE050983.D | 02 Nov 2024 01:37 | YP\AJ | Ok,M     |
| 26 | P4659-02                | FE050984.D | 02 Nov 2024 02:07 | YP\AJ | Ok,M     |
| 27 | P4663-02                | FE050985.D | 02 Nov 2024 02:37 | YP\AJ | Ok,M     |
| 28 | P4663-04                | FE050986.D | 02 Nov 2024 03:07 | YP\AJ | Ok,M     |
| 29 | P4663-06                | FE050987.D | 02 Nov 2024 03:37 | YP\AJ | Dilution |
| 30 | P4663-08                | FE050988.D | 02 Nov 2024 04:08 | YP\AJ | Ok,M     |
| 31 | I.BLK                   | FE050989.D | 02 Nov 2024 05:08 | YP\AJ | Ok       |
| 32 | 20 PPM ALIPHATIC HC STD | FE050990.D | 02 Nov 2024 05:38 | YP\AJ | Ok,M     |

M : Manual Integration

Instrument ID: FID\_E

**Daily Analysis Runlog For Sequence/QC Batch ID # FE110524AL**

|                                                                                                    |                                         |                   |                      |            |
|----------------------------------------------------------------------------------------------------|-----------------------------------------|-------------------|----------------------|------------|
| Review By                                                                                          | yogesh                                  | Review On         | 11/6/2024 9:33:09 AM |            |
| Supervise By                                                                                       | Ankita                                  | Supervise On      | 11/6/2024 9:50:04 AM |            |
| SubDirectory                                                                                       | FE110524AL                              | HP Acquire Method | HP Processing Method | FE100824AL |
| STD. NAME                                                                                          | STD REF.#                               |                   |                      |            |
| Tune/Reschk<br>Initial Calibration Stds                                                            | PP23644,PP23646,PP23647,PP23648,PP23649 |                   |                      |            |
| CCC<br>Internal Standard/PEM<br>ICV/I.BLK<br>Surrogate Standard<br>MS/MSD Standard<br>LCS Standard | PP23647<br><br>PP23645,PP23650          |                   |                      |            |

| Sr# | SampleId                | Data File Name | Date-Time         | Operator | Status   |
|-----|-------------------------|----------------|-------------------|----------|----------|
| 1   | MECL2                   | FE051021.D     | 05 Nov 2024 08:37 | YP\AJ    | Ok       |
| 2   | I.BLK                   | FE051022.D     | 05 Nov 2024 09:07 | YP\AJ    | Ok       |
| 3   | 20 PPM ALIPHATIC HC STD | FE051023.D     | 05 Nov 2024 10:07 | YP\AJ    | Ok,M     |
| 4   | P4663-06DL              | FE051024.D     | 05 Nov 2024 10:42 | YP\AJ    | Ok,M     |
| 5   | P4679-01DL              | FE051025.D     | 05 Nov 2024 11:12 | YP\AJ    | Ok,M     |
| 6   | I.BLK                   | FE051026.D     | 05 Nov 2024 11:46 | YP\AJ    | Ok       |
| 7   | 20 PPM ALIPHATIC HC STD | FE051027.D     | 05 Nov 2024 12:16 | YP\AJ    | Ok,M     |
| 8   | PB164681BL              | FE051028.D     | 05 Nov 2024 16:27 | YP\AJ    | Ok,M     |
| 9   | PB164681BS              | FE051029.D     | 05 Nov 2024 16:57 | YP\AJ    | Ok,M     |
| 10  | PB164681BSD             | FE051030.D     | 05 Nov 2024 17:27 | YP\AJ    | Ok,M     |
| 11  | P4682-01                | FE051031.D     | 05 Nov 2024 17:57 | YP\AJ    | Dilution |
| 12  | P4693-01                | FE051032.D     | 05 Nov 2024 18:27 | YP\AJ    | Dilution |
| 13  | P4693-01D               | FE051033.D     | 05 Nov 2024 18:57 | YP\AJ    | Ok,M     |
| 14  | P4693-01MS              | FE051034.D     | 05 Nov 2024 19:27 | YP\AJ    | Ok,M     |
| 15  | P4693-01MSD             | FE051035.D     | 05 Nov 2024 19:58 | YP\AJ    | Ok,M     |
| 16  | P4693-02                | FE051036.D     | 05 Nov 2024 20:28 | YP\AJ    | Dilution |
| 17  | P4693-05                | FE051037.D     | 05 Nov 2024 20:58 | YP\AJ    | Ok,M     |
| 18  | P4693-06                | FE051038.D     | 05 Nov 2024 21:28 | YP\AJ    | Ok,M     |
| 19  | P4694-05                | FE051039.D     | 05 Nov 2024 21:58 | YP\AJ    | Ok,M     |
| 20  | P4694-06                | FE051040.D     | 05 Nov 2024 22:28 | YP\AJ    | Ok,M     |
| 21  | P4695-01                | FE051041.D     | 05 Nov 2024 22:57 | YP\AJ    | Dilution |

Instrument ID: FID\_E

**Daily Analysis Runlog For Sequence/QC Batch ID # FE110524AL**

| Review By                               | yogesh                                  | Review On         | 11/6/2024 9:33:09 AM |            |
|-----------------------------------------|-----------------------------------------|-------------------|----------------------|------------|
| Supervise By                            | Ankita                                  | Supervise On      | 11/6/2024 9:50:04 AM |            |
| SubDirectory                            | FE110524AL                              | HP Acquire Method | HP Processing Method | FE100824AL |
| STD. NAME                               | STD REF.#                               |                   |                      |            |
| Tune/Reschk<br>Initial Calibration Stds | PP23644,PP23646,PP23647,PP23648,PP23649 |                   |                      |            |
| CCC<br>Internal Standard/PEM            | PP23647                                 |                   |                      |            |
| ICV/I.BLK<br>Surrogate Standard         | PP23645,PP23650                         |                   |                      |            |
| MS/MSD Standard<br>LCS Standard         |                                         |                   |                      |            |

|    |                         |            |                   |       |          |
|----|-------------------------|------------|-------------------|-------|----------|
| 22 | P4695-02                | FE051042.D | 05 Nov 2024 23:27 | YP\AJ | Dilution |
| 23 | P4697-01                | FE051043.D | 05 Nov 2024 23:58 | YP\AJ | Dilution |
| 24 | P4697-02                | FE051044.D | 06 Nov 2024 00:28 | YP\AJ | Ok,M     |
| 25 | P4701-01                | FE051045.D | 06 Nov 2024 00:58 | YP\AJ | Ok,M     |
| 26 | P4701-02                | FE051046.D | 06 Nov 2024 01:28 | YP\AJ | Ok,M     |
| 27 | P4701-05                | FE051047.D | 06 Nov 2024 01:58 | YP\AJ | Ok,M     |
| 28 | I.BLK                   | FE051048.D | 06 Nov 2024 02:28 | YP\AJ | Ok       |
| 29 | 20 PPM ALIPHATIC HC STD | FE051049.D | 06 Nov 2024 02:58 | YP\AJ | Ok,M     |
| 30 | P4701-06                | FE051050.D | 06 Nov 2024 03:29 | YP\AJ | Ok,M     |
| 31 | P4685-01                | FE051051.D | 06 Nov 2024 03:58 | YP\AJ | Dilution |
| 32 | P4685-02                | FE051052.D | 06 Nov 2024 04:28 | YP\AJ | Dilution |
| 33 | P4694-01                | FE051053.D | 06 Nov 2024 04:58 | YP\AJ | Dilution |
| 34 | P4694-02                | FE051054.D | 06 Nov 2024 05:28 | YP\AJ | Dilution |
| 35 | I.BLK                   | FE051055.D | 06 Nov 2024 05:59 | YP\AJ | Ok       |
| 36 | 20 PPM ALIPHATIC HC STD | FE051056.D | 06 Nov 2024 06:29 | YP\AJ | Ok,M     |

M : Manual Integration

Instrument ID: FID\_E

**Daily Analysis Runlog For Sequence/QC Batch ID # FE100824AL**

| Review By                               | yogesh                                  | Review On         | 10/7/2024 4:16:27 PM |            |
|-----------------------------------------|-----------------------------------------|-------------------|----------------------|------------|
| Supervise By                            | Ankita                                  | Supervise On      | 10/8/2024 9:52:58 AM |            |
| SubDirectory                            | FE100824AL                              | HP Acquire Method | HP Processing Method | FE100824AL |
| STD. NAME                               | STD REF.#                               |                   |                      |            |
| Tune/Reschk<br>Initial Calibration Stds | PP23644,PP23646,PP23647,PP23648,PP23649 |                   |                      |            |
| CCC<br>Internal Standard/PEM            | PP23647                                 |                   |                      |            |
| ICV/I.BLK<br>Surrogate Standard         | PP23645,PP23650                         |                   |                      |            |
| MS/MSD Standard<br>LCS Standard         |                                         |                   |                      |            |

| Sr# | SampleID             | ClientID             | Data File Name | Date-Time         | Comment | Operator | Status |
|-----|----------------------|----------------------|----------------|-------------------|---------|----------|--------|
| 1   | MECL2                | MECL2                | FE050533.D     | 07 Oct 2024 13:05 |         | YP\AJ    | Ok     |
| 2   | I.BLK                | I.BLK                | FE050534.D     | 07 Oct 2024 13:36 |         | YP\AJ    | Ok     |
| 3   | 100 PPM ALIPHATIC HC | 100 PPM ALIPHATIC HC | FE050535.D     | 07 Oct 2024 14:06 |         | YP\AJ    | Ok     |
| 4   | 50 PPM ALIPHATIC HC  | 50 PPM ALIPHATIC HC  | FE050536.D     | 07 Oct 2024 14:36 |         | YP\AJ    | Ok     |
| 5   | 20 PPM ALIPHATIC HC  | 20 PPM ALIPHATIC HC  | FE050537.D     | 07 Oct 2024 15:06 |         | YP\AJ    | Ok     |
| 6   | 10 PPM ALIPHATIC HC  | 10 PPM ALIPHATIC HC  | FE050538.D     | 07 Oct 2024 15:37 |         | YP\AJ    | Ok,M   |
| 7   | 5 PPM ALIPHATIC HC   | 5 PPM ALIPHATIC HC   | FE050539.D     | 07 Oct 2024 16:07 |         | YP\AJ    | Ok,M   |
| 8   | 20 PPM ALIPHATIC HC  | 20 PPM ALIPHATIC HC  | FE050540.D     | 07 Oct 2024 16:37 |         | YP\AJ    | Ok     |
| 9   | I.BLK                | I.BLK                | FE050541.D     | 07 Oct 2024 18:08 |         | YP\AJ    | Ok     |
| 10  | 20 PPM ALIPHATIC HC  | 20 PPM ALIPHATIC HC  | FE050542.D     | 07 Oct 2024 18:39 |         | YP\AJ    | Ok     |

M : Manual Integration

Instrument ID: FID\_E

**Daily Analysis Runlog For Sequence/QC Batch ID # FE110124AL**

|                                         |                                         |                   |                                 |
|-----------------------------------------|-----------------------------------------|-------------------|---------------------------------|
| Review By                               | yogesh                                  | Review On         | 11/1/2024 11:29:15 AM           |
| Supervise By                            | Ankita                                  | Supervise On      | 11/4/2024 10:06:31 AM           |
| SubDirectory                            | FE110124AL                              | HP Acquire Method | HP Processing Method FE100824AL |
| <b>STD. NAME</b>                        | <b>STD REF.#</b>                        |                   |                                 |
| Tune/Reschk<br>Initial Calibration Stds | PP23644,PP23646,PP23647,PP23648,PP23649 |                   |                                 |
| CCC                                     | PP23647                                 |                   |                                 |
| Internal Standard/PEM                   | PP23645,PP23650                         |                   |                                 |
| ICV/I.BLK                               |                                         |                   |                                 |
| Surrogate Standard                      |                                         |                   |                                 |
| MS/MSD Standard                         |                                         |                   |                                 |
| LCS Standard                            |                                         |                   |                                 |

| Sr# | SampleID            | ClientID             | Data File Name | Date-Time         | Comment               | Operator | Status   |
|-----|---------------------|----------------------|----------------|-------------------|-----------------------|----------|----------|
| 1   | MECL2               | MECL2                | FE050959.D     | 01 Nov 2024 09:53 |                       | YP\AJ    | Ok       |
| 2   | I.BLK               | I.BLK                | FE050960.D     | 01 Nov 2024 10:23 |                       | YP\AJ    | Ok       |
| 3   | 20 PPM ALIPHATIC HC | 20 PPM ALIPHATIC HC  | FE050961.D     | 01 Nov 2024 10:53 |                       | YP\AJ    | Ok,M     |
| 4   | P4599-05DL2         | EX-1-TPH-5DL2        | FE050962.D     | 01 Nov 2024 11:24 |                       | YP\AJ    | Ok       |
| 5   | I.BLK               | I.BLK                | FE050963.D     | 01 Nov 2024 11:54 |                       | YP\AJ    | Ok       |
| 6   | 20 PPM ALIPHATIC HC | 20 PPM ALIPHATIC HC  | FE050964.D     | 01 Nov 2024 12:24 |                       | YP\AJ    | Ok,M     |
| 7   | PB164589BL          | PB164589BL           | FE050965.D     | 01 Nov 2024 15:33 |                       | YP\AJ    | Ok,M     |
| 8   | PB164589BS          | PB164589BS           | FE050966.D     | 01 Nov 2024 16:03 |                       | YP\AJ    | Ok,M     |
| 9   | PB164589BSD         | PB164589BSD          | FE050967.D     | 01 Nov 2024 16:33 |                       | YP\AJ    | Ok,M     |
| 10  | P4640-01            | MH-3                 | FE050968.D     | 01 Nov 2024 17:03 |                       | YP\AJ    | Ok,M     |
| 11  | P4640-02            | MH-3-EPH             | FE050969.D     | 01 Nov 2024 17:33 | need 2x dilution      | YP\AJ    | Dilution |
| 12  | P4643-01            | BP-F9-ADDITIONAL     | FE050970.D     | 01 Nov 2024 18:04 |                       | YP\AJ    | Ok,M     |
| 13  | P4643-02            | BP-F9-ADDITIONAL-EPH | FE050971.D     | 01 Nov 2024 18:34 |                       | YP\AJ    | Ok,M     |
| 14  | P4643-05            | BP-F8                | FE050972.D     | 01 Nov 2024 19:04 |                       | YP\AJ    | Ok,M     |
| 15  | P4643-05D           | P4643-05D            | FE050973.D     | 01 Nov 2024 19:34 |                       | YP\AJ    | Ok,M     |
| 16  | P4643-05MS          | BP-F8MS              | FE050974.D     | 01 Nov 2024 20:04 | FE050972.D            | YP\AJ    | Ok,M     |
| 17  | P4643-05MSD         | BP-F8MSD             | FE050975.D     | 01 Nov 2024 20:34 | FE050972.D!FE050974.D | YP\AJ    | Ok,M     |
| 18  | P4643-06            | BP-F8-EPH            | FE050976.D     | 01 Nov 2024 21:04 |                       | YP\AJ    | Ok,M     |

Instrument ID: FID\_E

**Daily Analysis Runlog For Sequence/QC Batch ID # FE110124AL**

|                                         |                                         |                   |                                 |
|-----------------------------------------|-----------------------------------------|-------------------|---------------------------------|
| Review By                               | yogesh                                  | Review On         | 11/1/2024 11:29:15 AM           |
| Supervise By                            | Ankita                                  | Supervise On      | 11/4/2024 10:06:31 AM           |
| SubDirectory                            | FE110124AL                              | HP Acquire Method | HP Processing Method FE100824AL |
| <b>STD. NAME</b>                        | <b>STD REF.#</b>                        |                   |                                 |
| Tune/Reschk<br>Initial Calibration Stds | PP23644,PP23646,PP23647,PP23648,PP23649 |                   |                                 |
| CCC                                     | PP23647                                 |                   |                                 |
| Internal Standard/PEM                   | PP23645,PP23650                         |                   |                                 |
| ICV/I.BLK                               |                                         |                   |                                 |
| Surrogate Standard                      |                                         |                   |                                 |
| MS/MSD Standard                         |                                         |                   |                                 |
| LCS Standard                            |                                         |                   |                                 |

|    |                     |                     |            |                   |                  |       |          |
|----|---------------------|---------------------|------------|-------------------|------------------|-------|----------|
| 19 | P4643-09            | TP-9                | FE050977.D | 01 Nov 2024 21:35 |                  | YPIAJ | Ok,M     |
| 20 | P4643-10            | TP-9-EPH            | FE050978.D | 01 Nov 2024 22:05 |                  | YPIAJ | Ok,M     |
| 21 | I.BLK               | I.BLK               | FE050979.D | 01 Nov 2024 23:05 |                  | YPIAJ | Ok       |
| 22 | 20 PPM ALIPHATIC HC | 20 PPM ALIPHATIC HC | FE050980.D | 01 Nov 2024 23:36 |                  | YPIAJ | Ok,M     |
| 23 | P4645-01            | Z-02-WC             | FE050981.D | 02 Nov 2024 00:36 | need 2x dilution | YPIAJ | Dilution |
| 24 | P4645-02            | Z-02-EPH            | FE050982.D | 02 Nov 2024 01:07 | need 2x dilution | YPIAJ | Dilution |
| 25 | P4659-01            | MH-2                | FE050983.D | 02 Nov 2024 01:37 |                  | YPIAJ | Ok,M     |
| 26 | P4659-02            | MH-2-EPH            | FE050984.D | 02 Nov 2024 02:07 |                  | YPIAJ | Ok,M     |
| 27 | P4663-02            | TENNANT-PAD-2-3-ST  | FE050985.D | 02 Nov 2024 02:37 |                  | YPIAJ | Ok,M     |
| 28 | P4663-04            | RES-BUILDING-PAD-N  | FE050986.D | 02 Nov 2024 03:07 |                  | YPIAJ | Ok,M     |
| 29 | P4663-06            | RES-BUILDING-PAD-N  | FE050987.D | 02 Nov 2024 03:37 | need 2x dilution | YPIAJ | Dilution |
| 30 | P4663-08            | RES-BUILDING-PAD-N  | FE050988.D | 02 Nov 2024 04:08 |                  | YPIAJ | Ok,M     |
| 31 | I.BLK               | I.BLK               | FE050989.D | 02 Nov 2024 05:08 |                  | YPIAJ | Ok       |
| 32 | 20 PPM ALIPHATIC HC | 20 PPM ALIPHATIC HC | FE050990.D | 02 Nov 2024 05:38 |                  | YPIAJ | Ok,M     |

M : Manual Integration

Instrument ID: FID\_E

**Daily Analysis Runlog For Sequence/QC Batch ID # FE110524AL**

|                                         |                                         |                   |                                 |
|-----------------------------------------|-----------------------------------------|-------------------|---------------------------------|
| Review By                               | yogesh                                  | Review On         | 11/6/2024 9:33:09 AM            |
| Supervise By                            | Ankita                                  | Supervise On      | 11/6/2024 9:50:04 AM            |
| SubDirectory                            | FE110524AL                              | HP Acquire Method | HP Processing Method FE100824AL |
| <b>STD. NAME</b>                        | <b>STD REF.#</b>                        |                   |                                 |
| Tune/Reschk<br>Initial Calibration Stds | PP23644,PP23646,PP23647,PP23648,PP23649 |                   |                                 |
| CCC                                     | PP23647                                 |                   |                                 |
| Internal Standard/PEM                   |                                         |                   |                                 |
| ICV/I.BLK                               | PP23645,PP23650                         |                   |                                 |
| Surrogate Standard                      |                                         |                   |                                 |
| MS/MSD Standard                         |                                         |                   |                                 |
| LCS Standard                            |                                         |                   |                                 |

| Sr# | SampleID            | ClientID            | Data File Name | Date-Time         | Comment               | Operator | Status   |
|-----|---------------------|---------------------|----------------|-------------------|-----------------------|----------|----------|
| 1   | MECL2               | MECL2               | FE051021.D     | 05 Nov 2024 08:37 |                       | YPIAJ    | Ok       |
| 2   | I.BLK               | I.BLK               | FE051022.D     | 05 Nov 2024 09:07 |                       | YPIAJ    | Ok       |
| 3   | 20 PPM ALIPHATIC HC | 20 PPM ALIPHATIC HC | FE051023.D     | 05 Nov 2024 10:07 |                       | YPIAJ    | Ok,M     |
| 4   | P4663-06DL          | RES-BUILDING-PAD-N  | FE051024.D     | 05 Nov 2024 10:42 |                       | YPIAJ    | Ok,M     |
| 5   | P4679-01DL          | MH-1DL              | FE051025.D     | 05 Nov 2024 11:12 |                       | YPIAJ    | Ok,M     |
| 6   | I.BLK               | I.BLK               | FE051026.D     | 05 Nov 2024 11:46 |                       | YPIAJ    | Ok       |
| 7   | 20 PPM ALIPHATIC HC | 20 PPM ALIPHATIC HC | FE051027.D     | 05 Nov 2024 12:16 |                       | YPIAJ    | Ok,M     |
| 8   | PB164681BL          | PB164681BL          | FE051028.D     | 05 Nov 2024 16:27 |                       | YPIAJ    | Ok,M     |
| 9   | PB164681BS          | PB164681BS          | FE051029.D     | 05 Nov 2024 16:57 |                       | YPIAJ    | Ok,M     |
| 10  | PB164681BSD         | PB164681BSD         | FE051030.D     | 05 Nov 2024 17:27 |                       | YPIAJ    | Ok,M     |
| 11  | P4682-01            | BELL-SHOP-RAGS      | FE051031.D     | 05 Nov 2024 17:57 | Need 100X dilution    | YPIAJ    | Dilution |
| 12  | P4693-01            | BP-G5-WC            | FE051032.D     | 05 Nov 2024 18:27 | Need 2X diltuion      | YPIAJ    | Dilution |
| 13  | P4693-01D           | P4693-01D           | FE051033.D     | 05 Nov 2024 18:57 |                       | YPIAJ    | Ok,M     |
| 14  | P4693-01MS          | BP-G5-WCMS          | FE051034.D     | 05 Nov 2024 19:27 | FE051032.D            | YPIAJ    | Ok,M     |
| 15  | P4693-01MSD         | BP-G5-WCMSD         | FE051035.D     | 05 Nov 2024 19:58 | FE051032.D!FE051034.D | YPIAJ    | Ok,M     |
| 16  | P4693-02            | BP-G5-WC-EPH        | FE051036.D     | 05 Nov 2024 20:28 | Need 5X diltuion      | YPIAJ    | Dilution |
| 17  | P4693-05            | BP-G4-WC            | FE051037.D     | 05 Nov 2024 20:58 |                       | YPIAJ    | Ok,M     |
| 18  | P4693-06            | BP-G4-WC-EPH        | FE051038.D     | 05 Nov 2024 21:28 |                       | YPIAJ    | Ok,M     |

Instrument ID: FID\_E

**Daily Analysis Runlog For Sequence/QC Batch ID # FE110524AL**

| Review By                                                          | yogesh                                  | Review On         | 11/6/2024 9:33:09 AM |            |
|--------------------------------------------------------------------|-----------------------------------------|-------------------|----------------------|------------|
| Supervise By                                                       | Ankita                                  | Supervise On      | 11/6/2024 9:50:04 AM |            |
| SubDirectory                                                       | FE110524AL                              | HP Acquire Method | HP Processing Method | FE100824AL |
| STD. NAME                                                          | STD REF.#                               |                   |                      |            |
| Tune/Reschk<br>Initial Calibration Stds                            | PP23644,PP23646,PP23647,PP23648,PP23649 |                   |                      |            |
| CCC<br>Internal Standard/PEM                                       | PP23647                                 |                   |                      |            |
| ICV/I.BLK<br>Surrogate Standard<br>MS/MSD Standard<br>LCS Standard | PP23645,PP23650                         |                   |                      |            |

|    |                     |                     |            |                   |                          |       |          |
|----|---------------------|---------------------|------------|-------------------|--------------------------|-------|----------|
| 19 | P4694-05            | Z-04                | FE051039.D | 05 Nov 2024 21:58 |                          | YPIAJ | Ok,M     |
| 20 | P4694-06            | Z-04-EPH            | FE051040.D | 05 Nov 2024 22:28 |                          | YPIAJ | Ok,M     |
| 21 | P4695-01            | Z-01                | FE051041.D | 05 Nov 2024 22:57 | Need 5X diltuion         | YPIAJ | Dilution |
| 22 | P4695-02            | Z-01-EPH            | FE051042.D | 05 Nov 2024 23:27 | Need 5X and 20X dilution | YPIAJ | Dilution |
| 23 | P4697-01            | TP-1                | FE051043.D | 05 Nov 2024 23:58 | Need 2X diltuion         | YPIAJ | Dilution |
| 24 | P4697-02            | TP-1                | FE051044.D | 06 Nov 2024 00:28 |                          | YPIAJ | Ok,M     |
| 25 | P4701-01            | BP-F3               | FE051045.D | 06 Nov 2024 00:58 |                          | YPIAJ | Ok,M     |
| 26 | P4701-02            | BP-F3-EPH           | FE051046.D | 06 Nov 2024 01:28 |                          | YPIAJ | Ok,M     |
| 27 | P4701-05            | BP-F4               | FE051047.D | 06 Nov 2024 01:58 |                          | YPIAJ | Ok,M     |
| 28 | I.BLK               | I.BLK               | FE051048.D | 06 Nov 2024 02:28 |                          | YPIAJ | Ok       |
| 29 | 20 PPM ALIPHATIC HC | 20 PPM ALIPHATIC HC | FE051049.D | 06 Nov 2024 02:58 |                          | YPIAJ | Ok,M     |
| 30 | P4701-06            | BP-F4-EPH           | FE051050.D | 06 Nov 2024 03:29 |                          | YPIAJ | Ok,M     |
| 31 | P4685-01            | OK-01-11012024      | FE051051.D | 06 Nov 2024 03:58 | Need 10X dilution        | YPIAJ | Dilution |
| 32 | P4685-02            | OK-02-11012024-E2   | FE051052.D | 06 Nov 2024 04:28 | Need 10X dilution        | YPIAJ | Dilution |
| 33 | P4694-01            | Z-03A               | FE051053.D | 06 Nov 2024 04:58 | Need 5X diltuion         | YPIAJ | Dilution |
| 34 | P4694-02            | Z-03A-EPH           | FE051054.D | 06 Nov 2024 05:28 | Need 5X diltuion         | YPIAJ | Dilution |
| 35 | I.BLK               | I.BLK               | FE051055.D | 06 Nov 2024 05:59 |                          | YPIAJ | Ok       |
| 36 | 20 PPM ALIPHATIC HC | 20 PPM ALIPHATIC HC | FE051056.D | 06 Nov 2024 06:29 |                          | YPIAJ | Ok,M     |

M : Manual Integration

|                           |                                                                                                                                                                                                                     |                          |                                           |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-------------------------------------------|
| <b>SOP ID:</b>            | MNJDEP-EPH-7                                                                                                                                                                                                        |                          |                                           |
| <b>Clean Up SOP #:</b>    | N/A                                                                                                                                                                                                                 |                          | <b>Extraction Start Date :</b> 11/01/2024 |
| <b>Matrix :</b>           | Solid                                                                                                                                                                                                               |                          | <b>Extraction Start Time :</b> 08:50      |
| <b>Weigh By:</b>          | EH                                                                                                                                                                                                                  | <b>Extraction By:</b> RS | <b>Extraction End Date :</b> 11/01/2024   |
| <b>Balance check:</b>     | RJ                                                                                                                                                                                                                  | <b>Filter By:</b> RJ     | <b>Extraction End Time :</b> 15:25        |
| <b>Balance ID:</b>        | EX-SC-2                                                                                                                                                                                                             | <b>pH Meter ID:</b> N/A  | <b>Concentration By:</b> EH               |
| <b>pH Strip Lot#:</b>     | N/A                                                                                                                                                                                                                 | <b>Hood ID:</b> 3,7      | <b>Supervisor By :</b> rajesh             |
| <b>Extraction Method:</b> | <input type="checkbox"/> Separatory Funnel <input type="checkbox"/> Continous Liquid/Liquid <input type="checkbox"/> Sonication <input type="checkbox"/> Waste Dilution <input checked="" type="checkbox"/> Soxhlet |                          |                                           |

| Standard Name           | MLS USED | Concentration ug/mL | STD REF. # FROM LOG |
|-------------------------|----------|---------------------|---------------------|
| Surrogate               | 1.0ML    | 100 PPM             | PP23934             |
| Fractionation Surrogate | 1.0ML    | 100 PPM             | PP23892             |
| Spike Sol 1             | 1.0ML    | 100 PPM             | PP23916             |
| N/A                     | N/A      | N/A                 | N/A                 |
| N/A                     | N/A      | N/A                 | N/A                 |

| Chemical Used     | ML/SAMPLE USED | Lot Number |
|-------------------|----------------|------------|
| MeCl2/Acetone/1:1 | N/A            | EP2538     |
| Baked Na2SO4      | N/A            | EP2554     |
| Sand              | N/A            | E2865      |
| Hexane            | N/A            | E3819      |
| N/A               | N/A            | N/A        |
| N/A               | N/A            | N/A        |
| N/A               | N/A            | N/A        |
| N/A               | N/A            | N/A        |
| N/A               | N/A            | N/A        |
| N/A               | N/A            | N/A        |
| N/A               | N/A            | N/A        |
| N/A               | N/A            | N/A        |
| N/A               | N/A            | N/A        |
| N/A               | N/A            | N/A        |
| N/A               | N/A            | N/A        |

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

1.5ML Vial Lot # 2210673. P4663 All samples Added in batch at 11:33.

|                             |     |                           |           |
|-----------------------------|-----|---------------------------|-----------|
| <b>KD Bath ID:</b>          | N/A | <b>Envap ID:</b>          | NE VAP-02 |
| <b>KD Bath Temperature:</b> | N/A | <b>Envap Temperature:</b> | 40 °C     |

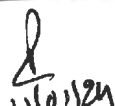
| Date / Time       | Prepped Sample Relinquished By/Location | Received By/Location |
|-------------------|-----------------------------------------|----------------------|
| 11/01/24<br>15:30 | RP (Ext Lab)                            | Y-P-Post PUS         |
|                   | Preparation Group                       | Analysis Group       |

Analytical Method: MNJDEP-EPH-7

Concentration Date: 11/01/2024

| Sample ID   | Client Sample ID              | Test   | g/ mL | PH  | Surr/Spike By: |            | Final Vol.<br>(mL) | JarID | Comments | Prep<br>Pos |
|-------------|-------------------------------|--------|-------|-----|----------------|------------|--------------------|-------|----------|-------------|
|             |                               |        |       |     | AddedBy        | VerifiedBy |                    |       |          |             |
| PB164589BL  | PB164589BL                    | EPH_NF | 30.01 | N/A | ritesh         | RUPESH     | 2                  |       |          | U1-1        |
| PB164589BS  | PB164589BS                    | EPH_NF | 30.03 | N/A | ritesh         | RUPESH     | 2                  |       |          | 2           |
| PB164589BSD | PB164589BSD                   | EPH_NF | 30.01 | N/A | ritesh         | RUPESH     | 2                  |       |          | 3           |
| P4640-01    | MH-3                          | EPH_NF | 30.07 | N/A | ritesh         | RUPESH     | 2                  | D     |          | 4           |
| P4640-02    | MH-3-EPH                      | EPH_NF | 30.03 | N/A | ritesh         | RUPESH     | 2                  |       |          | 5           |
| P4643-01    | BP-F9-ADDITIONAL              | EPH_NF | 30.05 | N/A | ritesh         | RUPESH     | 2                  | D     |          | 6           |
| P4643-02    | BP-F9-ADDITIONAL-EPH          | EPH_NF | 30.09 | N/A | ritesh         | RUPESH     | 2                  |       |          | U5-1        |
| P4643-05    | BP-F8                         | EPH_NF | 30.01 | N/A | ritesh         | RUPESH     | 2                  | D     |          | 2           |
| P4643-05DUP | BP-F8DUP                      | EPH_NF | 30.03 | N/A | ritesh         | RUPESH     | 2                  | D     |          | 3           |
| P4643-05MS  | BP-F8MS                       | EPH_NF | 30.08 | N/A | ritesh         | RUPESH     | 2                  | D     |          | 4           |
| P4643-05MSD | BP-F8MSD                      | EPH_NF | 30.06 | N/A | ritesh         | RUPESH     | 2                  | D     |          | 5           |
| P4643-06    | BP-F8-EPH                     | EPH_NF | 30.02 | N/A | ritesh         | RUPESH     | 2                  |       |          | 6           |
| P4643-09    | TP-9                          | EPH_NF | 30.07 | N/A | ritesh         | RUPESH     | 2                  | D     |          | U6-1        |
| P4643-10    | TP-9-EPH                      | EPH_NF | 30.04 | N/A | ritesh         | RUPESH     | 2                  |       |          | 2           |
| P4645-01    | Z-02-WC                       | EPH_NF | 30.10 | N/A | ritesh         | RUPESH     | 2                  | D     |          | 3           |
| P4645-02    | Z-02-EPH                      | EPH_NF | 30.04 | N/A | ritesh         | RUPESH     | 2                  |       |          | 4           |
| P4659-01    | MH-2                          | EPH_NF | 30.03 | N/A | ritesh         | RUPESH     | 2                  | D     |          | 5           |
| P4659-02    | MH-2-EPH                      | EPH_NF | 30.06 | N/A | ritesh         | RUPESH     | 2                  |       |          | 6           |
| P4663-02    | TENNANT-PAD-2-3-STOC<br>KPILE | EPH_NF | 30.01 | N/A | ritesh         | RUPESH     | 2                  | D     |          | U7-1        |
| P4663-04    | RES-BUILDING-PAD-NO-1<br>1    | EPH_NF | 30.08 | N/A | ritesh         | RUPESH     | 2                  | D     |          | 2           |
| P4663-06    | RES-BUILDING-PAD-NO-3         | EPH_NF | 30.04 | N/A | ritesh         | RUPESH     | 2                  | D     |          | 3           |
| P4663-08    | RES-BUILDING-PAD-NO-2         | EPH_NF | 30.09 | N/A | ritesh         | RUPESH     | 2                  | D     |          | 4           |

\* Extracts relinquished on the same date as received.



# WORKLIST(Hardcopy Internal Chain)

WorkList Name : P4659N

WorkList ID : 185011

Department : Extraction

Date : 11-01-2024 08:45:07

| Sample   | Customer Sample      | Matrix | Test   | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|----------|----------------------|--------|--------|--------------|----------|-----------------------------|--------------|--------|
| P4640-01 | MH-3                 | Solid  | EPH_NF | Cool 4 deg C | PSEG03   | K61                         | 10/30/2024   | NJEPH  |
| P4640-02 | MH-3-EPH             | Solid  | EPH_NF | Cool 4 deg C | PSEG03   | K61                         | 10/30/2024   | NJEPH  |
| P4643-01 | BP-F9-ADDITIONAL     | Solid  | EPH_NF | Cool 4 deg C | PSEG03   | K51                         | 10/30/2024   | NJEPH  |
| P4643-02 | BP-F9-ADDITIONAL-EPH | Solid  | EPH_NF | Cool 4 deg C | PSEG03   | K51                         | 10/30/2024   | NJEPH  |
| P4643-05 | BP-F8                | Solid  | EPH_NF | Cool 4 deg C | PSEG03   | K51                         | 10/30/2024   | NJEPH  |
| P4643-06 | BP-F8-EPH            | Solid  | EPH_NF | Cool 4 deg C | PSEG03   | K51                         | 10/30/2024   | NJEPH  |
| P4643-09 | TP-9                 | Solid  | EPH_NF | Cool 4 deg C | PSEG03   | K51                         | 10/30/2024   | NJEPH  |
| P4643-10 | TP-9-EPH             | Solid  | EPH_NF | Cool 4 deg C | PSEG03   | K51                         | 10/30/2024   | NJEPH  |
| P4645-01 | Z-02-WC              | Solid  | EPH_NF | Cool 4 deg C | PSEG03   | K51                         | 10/30/2024   | NJEPH  |
| P4645-02 | Z-02-EPH             | Solid  | EPH_NF | Cool 4 deg C | PSEG03   | K63                         | 10/31/2024   | NJEPH  |
| P4659-01 | MH-2                 | Solid  | EPH_NF | Cool 4 deg C | PSEG03   | K63                         | 10/31/2024   | NJEPH  |
| P4659-02 | MH-2-EPH             | Solid  | EPH_NF | Cool 4 deg C | PSEG03   | K61                         | 10/31/2024   | NJEPH  |
|          |                      |        |        | Cool 4 deg C | PSEG03   | K61                         | 10/31/2024   | NJEPH  |

Date/Time 11/01/24 8:47  
 Raw Sample Received by: RJ (Eet 1st)  
 Raw Sample Relinquished by: JDCS (m)

Date/Time 11/01/24 9:20  
 Raw Sample Received by: JDCS (m)  
 Raw Sample Relinquished by: RJ (Eet 1st)

# WORKLIST(Hardcopy Internal Chain)

WorkList Name : P4663T      WorkList ID : 185023      Department : Extraction      Date : 11-01-2024 11:33:22

| Sample   | Customer Sample          | Matrix | Test   | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|----------|--------------------------|--------|--------|--------------|----------|-----------------------------|--------------|--------|
| P4663-02 | TENNANT-PAD-2-3-STOCKPIL | Solid  | EPH_NF | Cool 4 deg C | UNIO02   | K41                         | 10/31/2024   | NJEPH  |
| P4663-02 | TENNANT-PAD-2-3-STOCKPIL | Solid  | TPH GC | Cool 4 deg C | UNIO02   | K41                         | 10/31/2024   | 8015D  |
| P4663-04 | RES-BUILDING-PAD-NO-11   | Solid  | EPH_NF | Cool 4 deg C | UNIO02   | K41                         | 10/31/2024   | NJEPH  |
| P4663-04 | RES-BUILDING-PAD-NO-11   | Solid  | TPH GC | Cool 4 deg C | UNIO02   | K41                         | 10/31/2024   | 8015D  |
| P4663-06 | RES-BUILDING-PAD-NO-3    | Solid  | EPH_NF | Cool 4 deg C | UNIO02   | K41                         | 10/31/2024   | NJEPH  |
| P4663-06 | RES-BUILDING-PAD-NO-3    | Solid  | TPH GC | Cool 4 deg C | UNIO02   | K41                         | 10/31/2024   | 8015D  |
| P4663-08 | RES-BUILDING-PAD-NO-2    | Solid  | EPH_NF | Cool 4 deg C | UNIO02   | K41                         | 10/31/2024   | NJEPH  |
| P4663-08 | RES-BUILDING-PAD-NO-2    | Solid  | TPH GC | Cool 4 deg C | UNIO02   | K41                         | 10/31/2024   | 8015D  |

Date/Time 11/01/24 11:33  
 Raw Sample Received by: RJ Cech 10/31  
 Raw Sample Relinquished by: RJ Cech 10/31

Date/Time 11/01/24 11:05  
 Raw Sample Received by: RJ Cech  
 Raw Sample Relinquished by: RJ Cech 10/31



## LAB CHRONICLE

|                 |                                     |                   |                       |
|-----------------|-------------------------------------|-------------------|-----------------------|
| <b>OrderID:</b> | P4663                               | <b>OrderDate:</b> | 10/31/2024 3:05:00 PM |
| <b>Client:</b>  | Union Paving & Construction Company | <b>Project:</b>   | Rt. 10 Whippany       |
| <b>Contact:</b> | Gregory Butler                      | <b>Location:</b>  | K41,VOA Ref. #2 Soil  |

| LabID             | ClientID                              | Matrix       | Test          | Method | Sample Date     | Prep Date | Anal Date | Received        |
|-------------------|---------------------------------------|--------------|---------------|--------|-----------------|-----------|-----------|-----------------|
| <b>P4663-02</b>   | <b>TENNANT-PAD-2-3-ST<br/>OCKPILE</b> | <b>SOIL</b>  |               |        | <b>10/31/24</b> |           |           | <b>10/31/24</b> |
|                   |                                       |              | Herbicide     | 8151A  |                 | 11/04/24  | 11/05/24  |                 |
|                   |                                       |              | PCB           | 8082A  |                 | 11/01/24  | 11/01/24  |                 |
|                   |                                       |              | Pesticide-TCL | 8081B  |                 | 11/01/24  | 11/01/24  |                 |
|                   |                                       |              | TPH GC        | 8015D  |                 | 11/01/24  | 11/01/24  |                 |
|                   |                                       |              | EPH_NF        | NJEPH  |                 | 11/01/24  | 11/02/24  |                 |
| <b>P4663-04</b>   | <b>RES-BUILDING-PAD-N<br/>O-11</b>    | <b>SOIL</b>  |               |        | <b>10/31/24</b> |           |           | <b>10/31/24</b> |
|                   |                                       |              | Herbicide     | 8151A  |                 | 11/04/24  | 11/05/24  |                 |
|                   |                                       |              | PCB           | 8082A  |                 | 11/01/24  | 11/01/24  |                 |
|                   |                                       |              | Pesticide-TCL | 8081B  |                 | 11/01/24  | 11/01/24  |                 |
|                   |                                       |              | TPH GC        | 8015D  |                 | 11/01/24  | 11/01/24  |                 |
|                   |                                       |              | EPH_NF        | NJEPH  |                 | 11/01/24  | 11/02/24  |                 |
| <b>P4663-06</b>   | <b>RES-BUILDING-PAD-N<br/>O-3</b>     | <b>SOIL</b>  |               |        | <b>10/31/24</b> |           |           | <b>10/31/24</b> |
|                   |                                       |              | Herbicide     | 8151A  |                 | 11/04/24  | 11/05/24  |                 |
|                   |                                       |              | PCB           | 8082A  |                 | 11/01/24  | 11/01/24  |                 |
|                   |                                       |              | Pesticide-TCL | 8081B  |                 | 11/01/24  | 11/01/24  |                 |
|                   |                                       |              | TPH GC        | 8015D  |                 | 11/01/24  | 11/01/24  |                 |
|                   |                                       |              | EPH_NF        | NJEPH  |                 | 11/01/24  | 11/02/24  |                 |
| <b>P4663-06DL</b> | <b>RES-BUILDING-PAD-N<br/>O-3DL</b>   | <b>Solid</b> |               |        | <b>10/31/24</b> |           |           | <b>10/31/24</b> |
|                   |                                       |              | EPH_NF        | NJEPH  |                 | 11/01/24  | 11/05/24  |                 |
| <b>P4663-08</b>   | <b>RES-BUILDING-PAD-N<br/>O-2</b>     | <b>SOIL</b>  |               |        | <b>10/31/24</b> |           |           | <b>10/31/24</b> |
|                   |                                       |              | Herbicide     | 8151A  |                 | 11/04/24  | 11/05/24  |                 |

### LAB CHRONICLE

|               |       |          |          |
|---------------|-------|----------|----------|
| PCB           | 8082A | 11/01/24 | 11/01/24 |
| Pesticide-TCL | 8081B | 11/01/24 | 11/01/24 |
| TPH GC        | 8015D | 11/01/24 | 11/01/24 |
| EPH_NF        | NJEPH | 11/01/24 | 11/02/24 |

A

C

D

E

F

G

H

I

J