



# SAMPLE DATA

## Report of Analysis

|                    |                 |                 |          |
|--------------------|-----------------|-----------------|----------|
| Client:            | G Environmental | Date Collected: | 07/02/25 |
| Project:           | Capra           | Date Received:  | 07/03/25 |
| Client Sample ID:  | GCAP2           | SDG No.:        | Q2503    |
| Lab Sample ID:     | Q2503-03        | Matrix:         | Solid    |
| Analytical Method: | NJEPH           | % Solid:        | 71.2     |
| Sample Wt/Vol:     | 30.06           | Units:          | g        |
| Soil Aliquot Vol:  |                 | Final Vol:      | 2000 uL  |
| Prep Method :      |                 | Test:           | EPH_NF   |

|                |                 |               |
|----------------|-----------------|---------------|
| Prep Date :    | Date Analyzed : | Prep Batch ID |
| 07/07/25 09:30 | 07/07/25 21:05  | PB168738      |

Datafile

| CAS Number         | Parameter          | Conc. | Qualifier | Dilution | MDL  | LOQ / CRQL | Units(Dry Weight) |
|--------------------|--------------------|-------|-----------|----------|------|------------|-------------------|
| <b>TARGETS</b>     |                    |       |           |          |      |            |                   |
| Aliphatic C28-C40  | Aliphatic C28-C40  | 16.3  |           | 1        | 1.65 | 2.80       | mg/kg FE054715.D  |
| Aliphatic C9-C28   | Aliphatic C9-C28   | 6.34  |           | 1        | 1.27 | 5.60       | mg/kg FE054715.D  |
| Total AliphaticEPH | Total AliphaticEPH | 22.6  |           |          | 2.92 | 8.40       | mg/kg             |
| Total EPH          | Total EPH          | 22.6  |           |          | 2.92 | 8.40       | 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:            | G Environmental | Date Collected: | 07/02/25 |
| Project:           | Capra           | Date Received:  | 07/03/25 |
| Client Sample ID:  | GCAP2           | SDG No.:        | Q2503    |
| Lab Sample ID:     | Q2503-03        | Matrix:         | Solid    |
| Analytical Method: | NJEPH           | % Solid:        | 71.2     |
| Sample Wt/Vol:     | 30.06           | Units:          | g        |
| Soil Aliquot Vol:  |                 | Final Vol:      | 2000 uL  |
| Prep Method :      |                 | Test:           | EPH_NF   |

|            |           |             |                 |               |
|------------|-----------|-------------|-----------------|---------------|
| File ID :  | Dilution: | Prep Date : | Date Analyzed : | Prep Batch ID |
| FE054715.D | 1         | 07/07/25    | 07/07/25        | PB168738      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aliphatic C9-C28  | Aliphatic C9-C28          | 6.34  |           | 1.27     | 5.60       | mg/kg   |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 16.3  |           | 1.65     | 2.80       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 42.8  |           | 40 - 140 | 86%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 43.4  |           | 40 - 140 | 87%        | SPK: 50 |



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**Quantitation Report For Aliphatic EPH Range.**

|                   |            |                    |                   |
|-------------------|------------|--------------------|-------------------|
| Lab Sample ID:    | Q2503-03   | Acq On:            | 07 Jul 2025 21:05 |
| Client Sample ID: | GCAP2      | Operator:          | YP\AJ             |
| Data file:        | FE054715.D | Misc:              |                   |
| Instrument:       | FID_E      | ALS Vial:          | 24                |
| Dilution Factor:  | 1          | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response | Conc    | highest_standard | Units |
|---------------------------|--------|--------|----------|---------|------------------|-------|
| Aliphatic C9-C12          | 3.322  | 6.953  | 2479247  | 18.222  | 300              | ug/ml |
| Aliphatic C12-C16         | 6.954  | 10.404 | 1601415  | 11.392  | 200              | ug/ml |
| Aliphatic C16-C21         | 10.405 | 13.782 | 2306899  | 15.976  | 300              | ug/ml |
| Aliphatic C21-C28         | 13.783 | 17.452 | 3232555  | 22.347  | 400              | ug/ml |
| Aliphatic C28-C40         | 17.453 | 22.469 | 24254059 | 174.933 | 600              | ug/ml |
| Aliphatic EPH             | 3.322  | 22.469 | 33874175 | 242.872 |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 12.083 | 12.083 | 7042756  | 43.37   |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 13.518 | 13.518 | 5403219  | 42.78   |                  | ug/ml |
| Aliphatic C9-C28          | 3.322  | 17.452 | 9620116  | 67.937  | 1200             | ug/ml |

## Report of Analysis

|                    |                 |                 |          |
|--------------------|-----------------|-----------------|----------|
| Client:            | G Environmental | Date Collected: | 07/02/25 |
| Project:           | Capra           | Date Received:  | 07/03/25 |
| Client Sample ID:  | GCAP3           | SDG No.:        | Q2503    |
| Lab Sample ID:     | Q2503-04        | Matrix:         | Solid    |
| Analytical Method: | NJEPH           | % Solid:        | 65.6     |
| Sample Wt/Vol:     | 30.08           | Units:          | g        |
| Soil Aliquot Vol:  |                 | Final Vol:      | 2000 uL  |
| Prep Method :      |                 | Test:           | EPH_NF   |

|                |                 |               |
|----------------|-----------------|---------------|
| Prep Date :    | Date Analyzed : | Prep Batch ID |
| 07/07/25 09:30 | 07/07/25 21:36  | PB168738      |

Datafile

| CAS Number         | Parameter          | Conc. | Qualifier | Dilution | MDL  | LOQ / CRQL | Units(Dry Weight) |
|--------------------|--------------------|-------|-----------|----------|------|------------|-------------------|
| <b>TARGETS</b>     |                    |       |           |          |      |            |                   |
| Aliphatic C28-C40  | Aliphatic C28-C40  | 25.6  |           | 1        | 1.79 | 3.04       | mg/kg FE054716.D  |
| Aliphatic C9-C28   | Aliphatic C9-C28   | 24.1  |           | 1        | 1.38 | 6.08       | mg/kg FE054716.D  |
| Total AliphaticEPH | Total AliphaticEPH | 49.7  |           |          | 3.17 | 9.12       | mg/kg             |
| Total EPH          | Total EPH          | 49.7  |           |          | 3.17 | 9.12       | 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:            | G Environmental        | Date Collected: | 07/02/25             |
| Project:           | Capra                  | Date Received:  | 07/03/25             |
| Client Sample ID:  | GCAP3                  | SDG No.:        | Q2503                |
| Lab Sample ID:     | Q2503-04               | Matrix:         | Solid                |
| Analytical Method: | NJEPH                  | % Solid:        | 65.6                 |
| 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 |
| FE054716.D | 1         | 07/07/25    | 07/07/25        | PB168738      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aliphatic C9-C28  | Aliphatic C9-C28          | 24.1  |           | 1.38     | 6.08       | mg/kg   |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 25.6  |           | 1.79     | 3.04       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 35.7  |           | 40 - 140 | 71%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 34.8  |           | 40 - 140 | 70%        | SPK: 50 |



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**Quantitation Report For Aliphatic EPH Range.**

|                   |            |                    |                   |
|-------------------|------------|--------------------|-------------------|
| Lab Sample ID:    | Q2503-04   | Acq On:            | 07 Jul 2025 21:36 |
| Client Sample ID: | GCAP3      | Operator:          | YP\AJ             |
| Data file:        | FE054716.D | Misc:              |                   |
| Instrument:       | FID_E      | ALS Vial:          | 25                |
| Dilution Factor:  | 1          | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response | Conc    | highest_standard | Units |
|---------------------------|--------|--------|----------|---------|------------------|-------|
| Aliphatic C9-C12          | 3.322  | 6.953  | 8911393  | 65.498  | 300              | ug/ml |
| Aliphatic C12-C16         | 6.954  | 10.404 | 3836958  | 27.296  | 200              | ug/ml |
| Aliphatic C16-C21         | 10.405 | 13.782 | 9989248  | 69.181  | 300              | ug/ml |
| Aliphatic C21-C28         | 13.783 | 17.452 | 10899386 | 75.349  | 400              | ug/ml |
| Aliphatic C28-C40         | 17.453 | 22.469 | 34950655 | 252.083 | 600              | ug/ml |
| Aliphatic EPH             | 3.322  | 22.469 | 68587640 | 489.407 |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 12.082 | 12.082 | 5655103  | 34.82   |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 13.518 | 13.518 | 4508826  | 35.7    |                  | ug/ml |
| Aliphatic C9-C28          | 3.322  | 17.452 | 33636985 | 237.324 | 1200             | ug/ml |



# QC SUMMARY





284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,  
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SOIL EPH SURROGATE RECOVERY

Lab Name: Alliance Contract: GENV01  
Lab Code: ACE SDG No.: Q2503  
Run Number: FE070725AL

| CLIENT<br>SAMPLE NO. | 1-chlorooctadecane (SURR) | ortho-Terphenyl (SURR) |  | TOT<br>OUT |
|----------------------|---------------------------|------------------------|--|------------|
| GCAP2                | 86                        | 87                     |  | 0          |
| GCAP3                | 71                        | 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

SOIL EPH SURROGATE RECOVERY

Lab Name: Alliance Contract: GENV01  
Lab Code: ACE SDG No.: Q2503  
Run Number: FG070725AL

| CLIENT<br>SAMPLE NO. | 1-chlorooctadecane (SURR) | ortho-Terphenyl (SURR) | TOT<br>OUT |
|----------------------|---------------------------|------------------------|------------|
| PBI68738BL           | 94                        | 92                     | 0          |
| WC-1MS               | 76                        | 69                     | 0          |
| WC-1MSD              | 76                        | 69                     | 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

SOIL EPH SURROGATE RECOVERY

Lab Name: Alliance Contract: GENV01  
Lab Code: ACE SDG No.: Q2503  
Run Number: FG070825AL

| CLIENT<br>SAMPLE NO. | 1-chlorooctadecane (SURR) | ortho-Terphenyl (SURR) | TOT<br>OUT |
|----------------------|---------------------------|------------------------|------------|
| PB168738BS           | 53                        | 51                     | 0          |
| PB168738BSD          | 53                        | 52                     | 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

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

|                    |                   |                    |                        |
|--------------------|-------------------|--------------------|------------------------|
| <b>Lab Name:</b>   | <u>Alliance</u>   | <b>Client:</b>     | <u>G Environmental</u> |
| <b>Lab Code:</b>   | <u>ACE</u>        | <b>SDG No:</b>     | <u>Q2503</u>           |
| <b>Sample No :</b> | <u>Q2515-01MS</u> | <b>Datafile:</b>   | <u>FG016232.D</u>      |
|                    |                   | <b>Client ID :</b> | <u>WC-1MS</u>          |

| 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 | 34.2                    | 12.4                             | 49.4                             | 108   |      | (40-140)      |
| Aliphatic C9-C28  | 114.0                   | 5.56                             | 108                              | 90    |      | (40-140)      |

| COMPOUND                     | SPIKE<br>ADDED<br>mg/kg | SAMPLE<br>CONCENTRATION<br>mg/kg | MS/MSD<br>CONCENTRATION<br>mg/kg | % REC | Qual | QC<br>LIMITS (%) |
|------------------------------|-------------------------|----------------------------------|----------------------------------|-------|------|------------------|
| n-Nonane (C9)                | 3.8                     | 0.0000                           | 2.4008                           | 63    |      | (40-140)         |
| n-Decane (C10)               | 3.8                     | 0.0000                           | 5.8093                           | 153   | *    | (40-140)         |
| Naphthalene (C11.7)          | 3.8                     | 0.0000                           | 3.2301                           | 85    |      | (40-140)         |
| n-Dodecane (C12)             | 3.8                     | 0.0000                           | 3.0297                           | 80    |      | (40-140)         |
| 2-methylnaphthalene (C12.89) | 3.8                     | 0.0000                           | 3.2812                           | 86    |      | (40-140)         |
| n-Tetradecane (C14)          | 3.8                     | 0.0000                           | 3.3947                           | 89    |      | (40-140)         |
| n-Hexadecane (C16)           | 3.8                     | 0.0000                           | 3.6331                           | 96    |      | (40-140)         |
| n-Octadecane (C18)           | 3.8                     | 0.0000                           | 3.7046                           | 97    |      | (40-140)         |
| n-Eicosane (C20)             | 3.8                     | 0.0000                           | 3.9835                           | 105   |      | (40-140)         |
| n-Heneicosane (C21)          | 3.8                     | 0.0000                           | 3.8614                           | 102   |      | (40-140)         |
| n-Docosane (C22)             | 3.8                     | 0.0000                           | 3.8283                           | 101   |      | (40-140)         |
| n-Tetracosane (C24)          | 7.6                     | 0.0000                           | 7.7383                           | 102   |      | (40-140)         |
| n-Hexacosane (C26)           | 3.8                     | 0.0000                           | 3.6597                           | 96    |      | (40-140)         |
| n-Octacosane (C28)           | 3.8                     | 0.0000                           | 3.6574                           | 96    |      | (40-140)         |
| n-Tricontane (C30)           | 3.8                     | 0.0000                           | 3.5152                           | 93    |      | (40-140)         |
| n-Dotriacontane (C32)        | 3.8                     | 0.0000                           | 3.5583                           | 94    |      | (40-140)         |
| n-Tetratriacontane (C34)     | 3.8                     | 0.0000                           | 4.2227                           | 111   |      | (40-140)         |
| n-Hexatriacontane (C36)      | 3.8                     | 0.0000                           | 5.0553                           | 133   |      | (40-140)         |
| n-Octatriacontane (C38)      | 3.8                     | 0.0000                           | 5.7538                           | 151   | *    | (40-140)         |
| n-Tetracontane (C40)         | 3.8                     | 0.0000                           | 5.4652                           | 144   | *    | (40-140)         |

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

|                    |                    |                    |                        |
|--------------------|--------------------|--------------------|------------------------|
| <b>Lab Name:</b>   | <u>Alliance</u>    | <b>Client:</b>     | <u>G Environmental</u> |
| <b>Lab Code:</b>   | <u>ACE</u>         | <b>SDG No:</b>     | <u>Q2503</u>           |
| <b>Sample No :</b> | <u>Q2515-01MSD</u> | <b>Datafile:</b>   | <u>FG016233.D</u>      |
|                    |                    | <b>Client ID :</b> | <u>WC-1MSD</u>         |

| 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 | 34.3                    | 12.4                             | 49.8                             | 109   |      | 0.92   (40-140)     | 50                 |
| Aliphatic C9-C28  | 114.3                   | 5.56                             | 111                              | 92    |      | 3   (40-140)        | 50                 |

| 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<br>Of RPD |
|------------------------------|-------------------------|----------------------------------|----------------------------------|-------|------|---------------------|--------------------|
| n-Nonane (C9)                | 3.8                     | 0.0000                           | 2.3955                           | 63    |      | 0   (40-140)        | 50                 |
| n-Decane (C10)               | 3.8                     | 0.0000                           | 5.7935                           | 152   | *    | 0.66   (40-140)     | 50                 |
| Naphthalene (C11.7)          | 3.8                     | 0.0000                           | 3.2237                           | 85    |      | 0   (40-140)        | 50                 |
| n-Dodecane (C12)             | 3.8                     | 0.0000                           | 3.0244                           | 80    |      | 0   (40-140)        | 50                 |
| 2-methylnaphthalene (C12.89) | 3.8                     | 0.0000                           | 3.2795                           | 86    |      | 0   (40-140)        | 50                 |
| n-Tetradecane (C14)          | 3.8                     | 0.0000                           | 3.3935                           | 89    |      | 0   (40-140)        | 50                 |
| n-Hexadecane (C16)           | 3.8                     | 0.0000                           | 3.6430                           | 96    |      | 0   (40-140)        | 50                 |
| n-Octadecane (C18)           | 3.8                     | 0.0000                           | 3.7179                           | 98    |      | 1.03   (40-140)     | 50                 |
| n-Eicosane (C20)             | 3.8                     | 0.0000                           | 3.9987                           | 105   |      | 0   (40-140)        | 50                 |
| n-Heneicosane (C21)          | 3.8                     | 0.0000                           | 3.8763                           | 102   |      | 0   (40-140)        | 50                 |
| n-Docosane (C22)             | 3.8                     | 0.0000                           | 3.8481                           | 101   |      | 0   (40-140)        | 50                 |
| n-Tetracosane (C24)          | 7.6                     | 0.0000                           | 7.7618                           | 102   |      | 0   (40-140)        | 50                 |
| n-Hexacosane (C26)           | 3.8                     | 0.0000                           | 3.6750                           | 97    |      | 1.04   (40-140)     | 50                 |
| n-Octacosane (C28)           | 3.8                     | 0.0000                           | 3.6707                           | 97    |      | 1.04   (40-140)     | 50                 |
| n-Tricontane (C30)           | 3.8                     | 0.0000                           | 3.5168                           | 93    |      | 0   (40-140)        | 50                 |
| n-Dotriacontane (C32)        | 3.8                     | 0.0000                           | 3.5574                           | 94    |      | 0   (40-140)        | 50                 |
| n-Tetratriacontane (C34)     | 3.8                     | 0.0000                           | 4.2836                           | 113   |      | 1.79   (40-140)     | 50                 |
| n-Hexatriacontane (C36)      | 3.8                     | 0.0000                           | 4.9972                           | 132   |      | 0.75   (40-140)     | 50                 |
| n-Octatriacontane (C38)      | 3.8                     | 0.0000                           | 5.4939                           | 145   | *    | 4.05   (40-140)     | 50                 |
| n-Tetracontane (C40)         | 3.8                     | 0.0000                           | 5.6265                           | 148   | *    | 2.74   (40-140)     | 50                 |

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

|                    |                   |                    |                        |
|--------------------|-------------------|--------------------|------------------------|
| <b>Lab Name:</b>   | <u>Alliance</u>   | <b>Client:</b>     | <u>G Environmental</u> |
| <b>Lab Code:</b>   | <u>ACE</u>        | <b>SDG No:</b>     | <u>Q2503</u>           |
| <b>Sample No :</b> | <u>PB168738BS</u> | <b>Datafile:</b>   | <u>FG016239.D</u>      |
|                    |                   | <b>Client ID :</b> | <u>PB168738BS</u>      |

| COMPOUND          | SPIKE<br>ADDED<br>mg/kg | LCS/LCSD<br>CONCENTRATION<br>mg/kg | % REC | Qual | QC LIMITS (%) |
|-------------------|-------------------------|------------------------------------|-------|------|---------------|
| Aliphatic C28-C40 | 30.0                    | 20.1                               | 67    |      | (40-140)      |
| Aliphatic C9-C28  | 99.9                    | 54.0                               | 54    |      | (40-140)      |

| COMPOUND                     | SPIKE<br>ADDED<br>mg/kg | LCS/LCSD<br>CONCENTRATION<br>mg/kg | % REC | Qual | QC<br>LIMITS(%) |
|------------------------------|-------------------------|------------------------------------|-------|------|-----------------|
| n-Nonane (C9)                | 3.3                     | 1.62441                            | 49    |      | (40-140)        |
| n-Decane (C10)               | 3.3                     | 1.69203                            | 51    |      | (40-140)        |
| Naphthalene (C11.7)          | 3.3                     | 1.94890                            | 59    |      | (40-140)        |
| n-Dodecane (C12)             | 3.3                     | 1.79908                            | 55    |      | (40-140)        |
| 2-methylnaphthalene (C12.89) | 3.3                     | 1.94660                            | 59    |      | (40-140)        |
| n-Tetradecane (C14)          | 3.3                     | 1.92903                            | 58    |      | (40-140)        |
| n-Hexadecane (C16)           | 3.3                     | 1.94565                            | 59    |      | (40-140)        |
| n-Octadecane (C18)           | 3.3                     | 1.91517                            | 58    |      | (40-140)        |
| n-Eicosane (C20)             | 3.3                     | 2.03287                            | 62    |      | (40-140)        |
| n-Heneicosane (C21)          | 3.3                     | 1.97392                            | 60    |      | (40-140)        |
| n-Docosane (C22)             | 3.3                     | 1.94776                            | 59    |      | (40-140)        |
| n-Tetracosane (C24)          | 6.7                     | 3.92935                            | 59    |      | (40-140)        |
| n-Hexacosane (C26)           | 3.3                     | 1.85981                            | 56    |      | (40-140)        |
| n-Octacosane (C28)           | 3.3                     | 1.82643                            | 55    |      | (40-140)        |
| n-Tricontane (C30)           | 3.3                     | 1.77873                            | 54    |      | (40-140)        |
| n-Dotriacontane (C32)        | 3.3                     | 1.81434                            | 55    |      | (40-140)        |
| n-Tetratriacontane (C34)     | 3.3                     | 2.05277                            | 62    |      | (40-140)        |
| n-Hexatriacontane (C36)      | 3.3                     | 2.26492                            | 69    |      | (40-140)        |
| n-Octatriacontane (C38)      | 3.3                     | 2.56386                            | 78    |      | (40-140)        |
| n-Tetracontane (C40)         | 3.3                     | 2.78050                            | 84    |      | (40-140)        |

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

**Lab Name:** Alliance **Client:** G Environmental  
**Lab Code:** ACE **SDG No:** Q2503  
**Sample No :** PB168738BSD **Datafile:** FG016240.D **Client ID :** PB168738BSD

| 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                    | 20.2                               | 67    |      | 0.38  (40-140) 25                      |
| Aliphatic C9-C28  | 100.1                   | 54.3                               | 54    |      | 0.495  (40-140) 25                     |

| COMPOUND                     | SPIKE<br>ADDED<br>mg/kg | LCS/LCSD<br>CONCENTRATION<br>mg/kg | % REC | Qual | RPD   QC LIMITS(%) QC Limit Of<br>RPD |
|------------------------------|-------------------------|------------------------------------|-------|------|---------------------------------------|
| n-Nonane (C9)                | 3.3                     | 1.63004                            | 49    |      | 0  (40-140) 25                        |
| n-Decane (C10)               | 3.3                     | 1.69781                            | 51    |      | 0  (40-140) 25                        |
| Naphthalene (C11.7)          | 3.3                     | 1.95952                            | 59    |      | 0  (40-140) 25                        |
| n-Dodecane (C12)             | 3.3                     | 1.80872                            | 55    |      | 0  (40-140) 25                        |
| 2-methylnaphthalene (C12.89) | 3.3                     | 1.95855                            | 59    |      | 0  (40-140) 25                        |
| n-Tetradecane (C14)          | 3.3                     | 1.94442                            | 59    |      | 1.71  (40-140) 25                     |
| n-Hexadecane (C16)           | 3.3                     | 1.95658                            | 59    |      | 0  (40-140) 25                        |
| n-Octadecane (C18)           | 3.3                     | 1.92766                            | 58    |      | 0  (40-140) 25                        |
| n-Eicosane (C20)             | 3.3                     | 2.04545                            | 62    |      | 0  (40-140) 25                        |
| n-Heneicosane (C21)          | 3.3                     | 1.98034                            | 60    |      | 0  (40-140) 25                        |
| n-Docosane (C22)             | 3.3                     | 1.95783                            | 59    |      | 0  (40-140) 25                        |
| n-Tetracosane (C24)          | 6.7                     | 3.93908                            | 59    |      | 0  (40-140) 25                        |
| n-Hexacosane (C26)           | 3.3                     | 1.87086                            | 57    |      | 1.77  (40-140) 25                     |
| n-Octacosane (C28)           | 3.3                     | 1.83439                            | 56    |      | 1.8  (40-140) 25                      |
| n-Tricontane (C30)           | 3.3                     | 1.79001                            | 54    |      | 0  (40-140) 25                        |
| n-Dotriacontane (C32)        | 3.3                     | 1.82926                            | 55    |      | 0  (40-140) 25                        |
| n-Tetratriacontane (C34)     | 3.3                     | 2.06840                            | 63    |      | 1.6  (40-140) 25                      |
| n-Hexatriacontane (C36)      | 3.3                     | 2.27655                            | 69    |      | 0  (40-140) 25                        |
| n-Octatriacontane (C38)      | 3.3                     | 2.57651                            | 78    |      | 0  (40-140) 25                        |
| n-Tetracontane (C40)         | 3.3                     | 2.77844                            | 84    |      | 0  (40-140) 25                        |

4B  
METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

PB168738BL

Lab Name: Alliance

Contract: GENV01

Lab Code: ACE

SDG NO.: Q2503

Instrument ID: FID\_E

Lab Sample ID: PB168738BL

Matrix: (soil/water) Solid

Date Extracted: 7/7/2025 9:30:00 AM

Level: (low/med) low

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

| CLIENT<br>SAMPLE NO. | LAB<br>SAMPLE ID |
|----------------------|------------------|
| PB168738BS           | PB168738BS       |
| PB168738BSD          | PB168738BSD      |
| GCAP2                | Q2503-03         |
| GCAP3                | Q2503-04         |
| WC-1MS               | Q2515-01MS       |
| WC-1MSD              | Q2515-01MSD      |

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





# QC SAMPLE DATA

## Report of Analysis

|                    |                     |                 |              |
|--------------------|---------------------|-----------------|--------------|
| Client:            | G Environmental     | Date Collected: |              |
| Project:           | Capra               | Date Received:  |              |
| Client Sample ID:  | PB168738BL          | SDG No.:        | Q2503        |
| Lab Sample ID:     | PB168738BL          | Matrix:         | Solid        |
| Analytical Method: | NJEPH               | % Solid:        | 100          |
| Sample Wt/Vol:     | 30.02      Units: g | Final Vol:      | 2000      uL |
| Soil Aliquot Vol:  | uL                  | Test:           | EPH_NF       |
| Prep Method :      |                     |                 |              |

|                |                 |               |
|----------------|-----------------|---------------|
| Prep Date :    | Date Analyzed : | Prep Batch ID |
| 07/07/25 09:30 | 07/07/25 15:02  | PB168738      |

Datafile

| CAS Number         | Parameter          | Conc. | Qualifier | Dilution | MDL  | LOQ / CRQL | Units(Dry Weight) |            |
|--------------------|--------------------|-------|-----------|----------|------|------------|-------------------|------------|
| <b>TARGETS</b>     |                    |       |           |          |      |            |                   |            |
| Aliphatic C28-C40  | Aliphatic C28-C40  | 1.18  | U         | 1        | 1.18 | 2.00       | mg/kg             | FG016227.D |
| Aliphatic C9-C28   | Aliphatic C9-C28   | 0.91  | U         | 1        | 0.91 | 3.99       | mg/kg             | FG016227.D |
| Total AliphaticEPH | Total AliphaticEPH | 2.09  | U         |          | 2.09 | 5.99       | mg/kg             |            |
| Total EPH          | Total EPH          | 2.09  | U         |          | 2.09 | 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:            | G Environmental        | Date Collected: |                      |
| Project:           | Capra                  | Date Received:  |                      |
| Client Sample ID:  | PB168738BL             | SDG No.:        | Q2503                |
| Lab Sample ID:     | PB168738BL             | Matrix:         | Solid                |
| Analytical Method: | NJEPH                  | % Solid:        | 100                  |
| Sample Wt/Vol:     | 30.02      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 |
| FG016227.D | 1         | 07/07/25    | 07/07/25        | PB168738      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aliphatic C9-C28  | Aliphatic C9-C28          | 0.91  | U         | 0.91     | 3.99       | mg/kg   |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 1.18  | U         | 1.18     | 2.00       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 46.9  |           | 40 - 140 | 94%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 45.8  |           | 40 - 140 | 92%        | SPK: 50 |



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**Quantitation Report For Aliphatic EPH Range.**

|                   |            |                    |                   |
|-------------------|------------|--------------------|-------------------|
| Lab Sample ID:    | PB168738BL | Acq On:            | 07 Jul 2025 15:02 |
| Client Sample ID: | PB168738BL | Operator:          | YP\AJ             |
| Data file:        | FG016227.D | Misc:              |                   |
| Instrument:       | FID_G      | ALS Vial:          | 21                |
| Dilution Factor:  | 1          | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response | Conc  | highest_standard | Units |
|---------------------------|--------|--------|----------|-------|------------------|-------|
| Aliphatic C9-C12          | 3.313  | 6.958  | 0        | 0     | 300              | ug/ml |
| Aliphatic C12-C16         | 6.959  | 10.419 | 0        | 0     | 200              | ug/ml |
| Aliphatic C16-C21         | 10.420 | 13.811 | 0        | 0     | 300              | ug/ml |
| Aliphatic C21-C28         | 13.812 | 17.498 | 0        | 0     | 400              | ug/ml |
| Aliphatic C28-C40         | 17.499 | 22.561 | 0        | 0     | 600              | ug/ml |
| Aliphatic EPH             | 3.313  | 22.561 | 0        | 0     |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 12.103 | 12.103 | 5903658  | 45.76 |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 13.547 | 13.547 | 4722752  | 46.87 |                  | ug/ml |
| Aliphatic C9-C28          | 3.313  | 17.498 | 0        | 0     | 1200             | ug/ml |

## Report of Analysis

|                    |                     |                 |              |
|--------------------|---------------------|-----------------|--------------|
| Client:            | G Environmental     | Date Collected: |              |
| Project:           | Capra               | Date Received:  |              |
| Client Sample ID:  | PB168738BS          | SDG No.:        | Q2503        |
| Lab Sample ID:     | PB168738BS          | 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 |
| 07/07/25 09:30 | 07/08/25 10:54  | PB168738      |

Datafile

| CAS Number         | Parameter          | Conc. | Qualifier | Dilution | MDL  | LOQ / CRQL | Units(Dry Weight) |
|--------------------|--------------------|-------|-----------|----------|------|------------|-------------------|
| <b>TARGETS</b>     |                    |       |           |          |      |            |                   |
| Aliphatic C28-C40  | Aliphatic C28-C40  | 20.1  |           | 1        | 1.18 | 2.00       | mg/kg FG016239.D  |
| Aliphatic C9-C28   | Aliphatic C9-C28   | 54.0  |           | 1        | 0.91 | 3.99       | mg/kg FG016239.D  |
| Total AliphaticEPH | Total AliphaticEPH | 74.1  |           |          | 2.09 | 5.99       | mg/kg             |
| Total EPH          | Total EPH          | 74.1  |           |          | 2.09 | 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:            | G Environmental |          | Date Collected: |         |
| Project:           | Capra           |          | Date Received:  |         |
| Client Sample ID:  | PB168738BS      |          | SDG No.:        | Q2503   |
| Lab Sample ID:     | PB168738BS      |          | 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 |
| FG016239.D | 1         | 07/07/25    | 07/08/25        | PB168738      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aliphatic C9-C28  | Aliphatic C9-C28          | 54.0  |           | 0.91     | 3.99       | mg/kg   |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 20.1  |           | 1.18     | 2.00       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 26.4  |           | 40 - 140 | 53%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 25.6  |           | 40 - 140 | 51%        | SPK: 50 |



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**Quantitation Report For Aliphatic EPH Range.**

|                   |            |                    |                   |
|-------------------|------------|--------------------|-------------------|
| Lab Sample ID:    | PB168738BS | Acq On:            | 08 Jul 2025 10:54 |
| Client Sample ID: | PB168738BS | Operator:          | YP\AJ             |
| Data file:        | FG016239.D | Misc:              |                   |
| Instrument:       | FID_G      | ALS Vial:          | 21                |
| Dilution Factor:  | 1          | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response  | Conc    | highest_standard | Units |
|---------------------------|--------|--------|-----------|---------|------------------|-------|
| Aliphatic C9-C12          | 3.312  | 6.954  | 15063717  | 137.778 | 300              | ug/ml |
| Aliphatic C12-C16         | 6.955  | 10.414 | 21381869  | 191.209 | 200              | ug/ml |
| Aliphatic C16-C21         | 10.415 | 13.806 | 25249298  | 220.557 | 300              | ug/ml |
| Aliphatic C21-C28         | 13.807 | 17.493 | 29968814  | 261.988 | 400              | ug/ml |
| Aliphatic C28-C40         | 17.494 | 22.553 | 27695766  | 301.055 | 600              | ug/ml |
| Aliphatic EPH             | 3.312  | 22.553 | 119359464 | 1110    |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 12.096 | 12.096 | 3298568   | 25.57   |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 13.542 | 13.542 | 2659381   | 26.39   |                  | ug/ml |
| Aliphatic C9-C28          | 3.312  | 17.493 | 91663698  | 811.532 | 1200             | ug/ml |

## Report of Analysis

|                    |                     |                 |              |
|--------------------|---------------------|-----------------|--------------|
| Client:            | G Environmental     | Date Collected: |              |
| Project:           | Capra               | Date Received:  |              |
| Client Sample ID:  | PB168738BSD         | SDG No.:        | Q2503        |
| Lab Sample ID:     | PB168738BSD         | 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 |
| 07/07/25 09:30 | 07/08/25 11:25  | PB168738      |

Datafile

| CAS Number         | Parameter          | Conc. | Qualifier | Dilution | MDL  | LOQ / CRQL | Units(Dry Weight)   |
|--------------------|--------------------|-------|-----------|----------|------|------------|---------------------|
| <b>TARGETS</b>     |                    |       |           |          |      |            |                     |
| Aliphatic C28-C40  | Aliphatic C28-C40  | 20.2  |           | 1        | 1.18 | 2.00       | mg/kg    FG016240.D |
| Aliphatic C9-C28   | Aliphatic C9-C28   | 54.3  |           | 1        | 0.91 | 4.00       | mg/kg    FG016240.D |
| Total AliphaticEPH | Total AliphaticEPH | 74.5  |           |          | 2.09 | 6.00       | mg/kg               |
| Total EPH          | Total EPH          | 74.5  |           |          | 2.09 | 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:            | G Environmental     | Date Collected: |              |
| Project:           | Capra               | Date Received:  |              |
| Client Sample ID:  | PB168738BSD         | SDG No.:        | Q2503        |
| Lab Sample ID:     | PB168738BSD         | 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 |
| FG016240.D | 1         | 07/07/25    | 07/08/25        | PB168738      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aliphatic C9-C28  | Aliphatic C9-C28          | 54.3  |           | 0.91     | 4.00       | mg/kg   |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 20.2  |           | 1.18     | 2.00       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 26.6  |           | 40 - 140 | 53%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 25.8  |           | 40 - 140 | 52%        | SPK: 50 |



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**Quantitation Report For Aliphatic EPH Range.**

|                   |             |                    |                   |
|-------------------|-------------|--------------------|-------------------|
| Lab Sample ID:    | PB168738BSD | Acq On:            | 08 Jul 2025 11:25 |
| Client Sample ID: | PB168738BSD | Operator:          | YP\AJ             |
| Data file:        | FG016240.D  | Misc:              |                   |
| Instrument:       | FID_G       | ALS Vial:          | 22                |
| Dilution Factor:  | 1           | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response  | Conc    | highest_standard | Units |
|---------------------------|--------|--------|-----------|---------|------------------|-------|
| Aliphatic C9-C12          | 3.312  | 6.954  | 15117255  | 138.267 | 300              | ug/ml |
| Aliphatic C12-C16         | 6.955  | 10.414 | 21524884  | 192.488 | 200              | ug/ml |
| Aliphatic C16-C21         | 10.415 | 13.806 | 25397029  | 221.848 | 300              | ug/ml |
| Aliphatic C21-C28         | 13.807 | 17.493 | 30021454  | 262.448 | 400              | ug/ml |
| Aliphatic C28-C40         | 17.494 | 22.553 | 27846034  | 302.688 | 600              | ug/ml |
| Aliphatic EPH             | 3.312  | 22.553 | 119906656 | 1120    |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 12.095 | 12.095 | 3322275   | 25.75   |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 13.540 | 13.540 | 2674882   | 26.55   |                  | ug/ml |
| Aliphatic C9-C28          | 3.312  | 17.493 | 92060622  | 815.051 | 1200             | ug/ml |

## Report of Analysis

|                    |                 |          |                 |        |    |
|--------------------|-----------------|----------|-----------------|--------|----|
| Client:            | G Environmental |          | Date Collected: |        |    |
| Project:           | Capra           |          | Date Received:  |        |    |
| Client Sample ID:  | WC-1MS          |          | SDG No.:        | Q2503  |    |
| Lab Sample ID:     | Q2515-01MS      |          | Matrix:         | Solid  |    |
| Analytical Method: | NJEPH           |          | % Solid:        | 87.5   |    |
| Sample Wt/Vol:     | 30.05           | Units: g | Final Vol:      | 2000   | uL |
| Soil Aliquot Vol:  |                 | uL       | Test:           | EPH_NF |    |
| Prep Method :      |                 |          |                 |        |    |

|                |                 |               |
|----------------|-----------------|---------------|
| Prep Date :    | Date Analyzed : | Prep Batch ID |
| 07/07/25 09:30 | 07/07/25 17:31  | PB168738      |

Datafile

| CAS Number         | Parameter          | Conc. | Qualifier | Dilution | MDL  | LOQ / CRQL | Units(Dry Weight) |            |
|--------------------|--------------------|-------|-----------|----------|------|------------|-------------------|------------|
| <b>TARGETS</b>     |                    |       |           |          |      |            |                   |            |
| Aliphatic C28-C40  | Aliphatic C28-C40  | 49.4  | E         | 1        | 1.35 | 2.28       | mg/kg             | FG016232.D |
| Aliphatic C9-C28   | Aliphatic C9-C28   | 108   | E         | 1        | 1.04 | 4.56       | mg/kg             | FG016232.D |
| Total AliphaticEPH | Total AliphaticEPH | 157   |           |          | 2.39 | 6.84       | mg/kg             |            |
| Total EPH          | Total EPH          | 157   |           |          | 2.39 | 6.84       | 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:            | G Environmental |          | Date Collected: |         |
| Project:           | Capra           |          | Date Received:  |         |
| Client Sample ID:  | WC-1MS          |          | SDG No.:        | Q2503   |
| Lab Sample ID:     | Q2515-01MS      |          | Matrix:         | Solid   |
| Analytical Method: | NJEPH           |          | % Solid:        | 87.5    |
| Sample Wt/Vol:     | 30.05           | 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 |
| FG016232.D | 1         | 07/07/25    | 07/07/25        | PB168738      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aliphatic C9-C28  | Aliphatic C9-C28          | 108   | E         | 1.04     | 4.56       | mg/kg   |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 49.4  | E         | 1.35     | 2.28       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 37.8  |           | 40 - 140 | 76%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 34.6  |           | 40 - 140 | 69%        | SPK: 50 |



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**Quantitation Report For Aliphatic EPH Range.**

|                   |            |                    |                   |
|-------------------|------------|--------------------|-------------------|
| Lab Sample ID:    | Q2515-01MS | Acq On:            | 07 Jul 2025 17:31 |
| Client Sample ID: | WC-1MS     | Operator:          | YP\AJ             |
| Data file:        | FG016232.D | Misc:              |                   |
| Instrument:       | FID_G      | ALS Vial:          | 26                |
| Dilution Factor:  | 1          | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response  | Conc    | highest_standard | Units |
|---------------------------|--------|--------|-----------|---------|------------------|-------|
| Aliphatic C9-C12          | 3.313  | 6.958  | 24489954  | 223.993 | 300              | ug/ml |
| Aliphatic C12-C16         | 6.959  | 10.419 | 34348294  | 307.162 | 200              | ug/ml |
| Aliphatic C16-C21         | 10.420 | 13.811 | 48224428  | 421.249 | 300              | ug/ml |
| Aliphatic C21-C28         | 13.812 | 17.498 | 52987317  | 463.216 | 400              | ug/ml |
| Aliphatic C28-C40         | 17.499 | 22.561 | 59796243  | 649.989 | 600              | ug/ml |
| Aliphatic EPH             | 3.313  | 22.561 | 219846236 | 2070    |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 12.098 | 12.098 | 4471160   | 34.65   |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 13.543 | 13.543 | 3810382   | 37.81   |                  | ug/ml |
| Aliphatic C9-C28          | 3.313  | 17.498 | 160049993 | 1420    | 1200             | ug/ml |

## Report of Analysis

|                    |                     |                 |              |
|--------------------|---------------------|-----------------|--------------|
| Client:            | G Environmental     | Date Collected: |              |
| Project:           | Capra               | Date Received:  |              |
| Client Sample ID:  | WC-1MSD             | SDG No.:        | Q2503        |
| Lab Sample ID:     | Q2515-01MSD         | Matrix:         | Solid        |
| Analytical Method: | NJEPH               | % Solid:        | 87.5         |
| Sample Wt/Vol:     | 30.02      Units: g | Final Vol:      | 2000      uL |
| Soil Aliquot Vol:  | uL                  | Test:           | EPH_NF       |
| Prep Method :      |                     |                 |              |

|                |                 |               |
|----------------|-----------------|---------------|
| Prep Date :    | Date Analyzed : | Prep Batch ID |
| 07/07/25 09:30 | 07/07/25 18:01  | PB168738      |

Datafile

| CAS Number         | Parameter          | Conc. | Qualifier | Dilution | MDL  | LOQ / CRQL | Units(Dry Weight) |            |
|--------------------|--------------------|-------|-----------|----------|------|------------|-------------------|------------|
| <b>TARGETS</b>     |                    |       |           |          |      |            |                   |            |
| Aliphatic C28-C40  | Aliphatic C28-C40  | 49.8  | E         | 1        | 1.35 | 2.28       | mg/kg             | FG016233.D |
| Aliphatic C9-C28   | Aliphatic C9-C28   | 111   | E         | 1        | 1.04 | 4.56       | mg/kg             | FG016233.D |
| Total AliphaticEPH | Total AliphaticEPH | 161   |           |          | 2.39 | 6.84       | mg/kg             |            |
| Total EPH          | Total EPH          | 161   |           |          | 2.39 | 6.84       | 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:            | G Environmental        | Date Collected: |                      |
| Project:           | Capra                  | Date Received:  |                      |
| Client Sample ID:  | WC-1MSD                | SDG No.:        | Q2503                |
| Lab Sample ID:     | Q2515-01MSD            | Matrix:         | Solid                |
| Analytical Method: | NJEPH                  | % Solid:        | 87.5                 |
| Sample Wt/Vol:     | 30.02      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 |
| FG016233.D | 1         | 07/07/25    | 07/07/25        | PB168738      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aliphatic C9-C28  | Aliphatic C9-C28          | 111   | E         | 1.04     | 4.56       | mg/kg   |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 49.8  | E         | 1.35     | 2.28       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 37.9  |           | 40 - 140 | 76%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 34.7  |           | 40 - 140 | 69%        | SPK: 50 |



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**Quantitation Report For Aliphatic EPH Range.**

|                   |             |                    |                   |
|-------------------|-------------|--------------------|-------------------|
| Lab Sample ID:    | Q2515-01MSD | Acq On:            | 07 Jul 2025 18:01 |
| Client Sample ID: | WC-1MSD     | Operator:          | YP\AJ             |
| Data file:        | FG016233.D  | Misc:              |                   |
| Instrument:       | FID_G       | ALS Vial:          | 27                |
| Dilution Factor:  | 1           | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response  | Conc    | highest_standard | Units |
|---------------------------|--------|--------|-----------|---------|------------------|-------|
| Aliphatic C9-C12          | 3.313  | 6.958  | 24346147  | 222.678 | 300              | ug/ml |
| Aliphatic C12-C16         | 6.959  | 10.419 | 34347110  | 307.152 | 200              | ug/ml |
| Aliphatic C16-C21         | 10.420 | 13.811 | 52910221  | 462.18  | 300              | ug/ml |
| Aliphatic C21-C28         | 13.812 | 17.498 | 53035974  | 463.641 | 400              | ug/ml |
| Aliphatic C28-C40         | 17.499 | 22.561 | 60131950  | 653.638 | 600              | ug/ml |
| Aliphatic EPH             | 3.313  | 22.561 | 224771402 | 2110    |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 12.098 | 12.098 | 4481342   | 34.73   |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 13.543 | 13.543 | 3820596   | 37.92   |                  | ug/ml |
| Aliphatic C9-C28          | 3.313  | 17.498 | 164639452 | 1460    | 1200             | ug/ml |





# CALIBRATION SUMMARY

Initial Calibration Report for SequenceID : FE062725AL

**AreaCount**

| Parameter Range   | FE054608.D    | FE054609.D    | FE054610.D   | FE054611.D   | FE054612.D   |  |
|-------------------|---------------|---------------|--------------|--------------|--------------|--|
| Aliphatic C9-C12  | 38319626.000  | 18841259.000  | 7903525.000  | 4345683.000  | 2255301.000  |  |
| Aliphatic C12-C16 | 26299885.000  | 12905734.000  | 5443215.000  | 2993160.000  | 1565455.000  |  |
| Aliphatic C16-C21 | 40647007.000  | 19884289.000  | 8390490.000  | 4604333.000  | 2408955.000  |  |
| Aliphatic C21-C28 | 54422256.000  | 26660814.000  | 11204648.000 | 6127397.000  | 3213117.000  |  |
| Aliphatic C28-C40 | 69156138.000  | 36606449.000  | 15572202.000 | 9126447.000  | 5222398.000  |  |
| Aliphatic EPH     | 228844912.000 | 114898545.000 | 48514080.000 | 27197020.000 | 14665226.000 |  |

**AVG Response Factor**

| Parameter Range   | AVG RF         | % RSD  |  |  |  |  |
|-------------------|----------------|--------|--|--|--|--|
| Aliphatic C9-C12  | 136055.079333  | 8.044  |  |  |  |  |
| Aliphatic C12-C16 | 140568.128     | 8.513  |  |  |  |  |
| Aliphatic C16-C21 | 144393.643333  | 8.376  |  |  |  |  |
| Aliphatic C21-C28 | 144651.717     | 8.126  |  |  |  |  |
| Aliphatic C28-C40 | 138647.4919998 | 17.441 |  |  |  |  |
| Aliphatic EPH     | 140720.791333  | 11.192 |  |  |  |  |

**Concentration**

| Parameter Range   | FE054608.D | FE054609.D | FE054610.D | FE054611.D | FE054612.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   | FE054608.D    | FE054609.D    | FE054610.D    | FE054611.D    | FE054612.D    |  |
|-------------------|---------------|---------------|---------------|---------------|---------------|--|
| Aliphatic C9-C12  | 127732.086666 | 125608.393333 | 131725.416666 | 144856.100000 | 150353.400000 |  |
| Aliphatic C12-C16 | 131499.425000 | 129057.340000 | 136080.375000 | 149658.000000 | 156545.500000 |  |
| Aliphatic C16-C21 | 135490.023333 | 132561.926666 | 139841.500000 | 153477.766666 | 160597.000000 |  |

Initial Calibration Report for SequenceID : FE062725AL

|                   |               |               |               |               |               |  |
|-------------------|---------------|---------------|---------------|---------------|---------------|--|
| Aliphatic C21-C28 | 136055.640000 | 133304.070000 | 140058.100000 | 153184.925000 | 160655.850000 |  |
| Aliphatic C28-C40 | 115260.230000 | 122021.496666 | 129768.350000 | 152107.450000 | 174079.933333 |  |
| Aliphatic EPH     | 127136.062222 | 127665.050000 | 134761.333333 | 151094.555555 | 162946.955555 |  |

Initial Calibration Report for SequenceID : FG061325AL

**AreaCount**

| Parameter Range   | FG016071.D    | FG016072.D   | FG016073.D   | FG016074.D   | FG016075.D   |  |
|-------------------|---------------|--------------|--------------|--------------|--------------|--|
| Aliphatic C9-C12  | 31187111.000  | 16030205.000 | 6399100.000  | 3273415.000  | 1801158.000  |  |
| Aliphatic C12-C16 | 21347944.000  | 10942901.000 | 4353077.000  | 2229026.000  | 1226761.000  |  |
| Aliphatic C16-C21 | 32827684.000  | 16845928.000 | 6678934.000  | 3420442.000  | 1880042.000  |  |
| Aliphatic C21-C28 | 43338555.000  | 22406907.000 | 8923987.000  | 4573238.000  | 2513785.000  |  |
| Aliphatic C28-C40 | 50822649.000  | 26534359.000 | 10867391.000 | 5588296.000  | 3093801.000  |  |
| Aliphatic EPH     | 179523943.000 | 92760300.000 | 37222489.000 | 19084417.000 | 10515547.000 |  |

**AVG Response Factor**

| Parameter Range   | AVG RF         | % RSD |  |  |  |  |
|-------------------|----------------|-------|--|--|--|--|
| Aliphatic C9-C12  | 109333.5539996 | 5.742 |  |  |  |  |
| Aliphatic C12-C16 | 111824.611     | 5.629 |  |  |  |  |
| Aliphatic C16-C21 | 114479.6466662 | 5.496 |  |  |  |  |
| Aliphatic C21-C28 | 114390.192     | 5.829 |  |  |  |  |
| Aliphatic C28-C40 | 91995.767333   | 7.551 |  |  |  |  |
| Aliphatic EPH     | 105812.4553328 | 6.196 |  |  |  |  |

**Concentration**

| Parameter Range   | FG016071.D | FG016072.D | FG016073.D | FG016074.D | FG016075.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   | FG016071.D    | FG016072.D    | FG016073.D    | FG016074.D    | FG016075.D    |  |
|-------------------|---------------|---------------|---------------|---------------|---------------|--|
| Aliphatic C9-C12  | 103957.036666 | 106868.033333 | 106651.666666 | 109113.833333 | 120077.200000 |  |
| Aliphatic C12-C16 | 106739.720000 | 109429.010000 | 108826.925000 | 111451.300000 | 122676.100000 |  |
| Aliphatic C16-C21 | 109425.613333 | 112306.186666 | 111315.566666 | 114014.733333 | 125336.133333 |  |

Initial Calibration Report for SequenceID : FG061325AL

|                   |               |               |               |               |               |  |
|-------------------|---------------|---------------|---------------|---------------|---------------|--|
| Aliphatic C21-C28 | 108346.387500 | 112034.535000 | 111549.837500 | 114330.950000 | 125689.250000 |  |
| Aliphatic C28-C40 | 84704.415000  | 88447.863333  | 90561.591666  | 93138.266666  | 103126.700000 |  |
| Aliphatic EPH     | 99735.523888  | 103067.000000 | 103395.802777 | 106024.538888 | 116839.411111 |  |

Continuing Calibration Report for SequenceID : FE070725AL

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

File ID : FE054714.D

|                   |              |         |        |        |            |            |        |
|-------------------|--------------|---------|--------|--------|------------|------------|--------|
| Aliphatic C9-C12  | 7981359.000  | 60.000  | 3.322  | 6.953  | 133022.650 | 136055.079 | 2.229  |
| Aliphatic C12-C16 | 5466819.000  | 40.000  | 6.954  | 10.404 | 136670.475 | 140568.128 | 2.773  |
| Aliphatic C16-C21 | 7910196.000  | 60.000  | 10.405 | 13.782 | 131836.600 | 144393.643 | 8.696  |
| Aliphatic C21-C28 | 9839779.000  | 80.000  | 13.783 | 17.452 | 122997.238 | 144651.717 | 14.970 |
| Aliphatic C28-C40 | 14156555.000 | 120.000 | 17.453 | 22.469 | 117971.292 | 138647.492 | 14.913 |
| Aliphatic EPH     | 45354708.000 | 360.000 | 3.322  | 22.469 | 125985.300 | 140720.791 | 10.471 |

|                   |                       |                    |                   |
|-------------------|-----------------------|--------------------|-------------------|
| Lab Sample ID:    | 20 PPM ALIPHATIC HC 9 | Acq On:            | 07 Jul 2025 20:35 |
| Client Sample ID: |                       | Operator:          | YP\AJ             |
| Data file:        | FE054714.D            | Misc:              |                   |
| Instrument:       | FID_E                 | ALS Vial:          | 2                 |
| Dilution Factor:  | 1                     | Sample Multiplier: | 1.00              |

| Compound          | R.T.   |        | Response     | Conc    | Units |
|-------------------|--------|--------|--------------|---------|-------|
| Aliphatic C9-C12  | 3.322  | 6.953  | 7981359.000  | 60.000  | ug/ml |
| Aliphatic C12-C16 | 6.954  | 10.404 | 5466819.000  | 40.000  | ug/ml |
| Aliphatic C16-C21 | 10.405 | 13.782 | 7910196.000  | 60.000  | ug/ml |
| Aliphatic C21-C28 | 13.783 | 17.452 | 9839779.000  | 80.000  | ug/ml |
| Aliphatic C28-C40 | 17.453 | 22.469 | 14156555.000 | 120.000 | ug/ml |
| Aliphatic EPH     | 3.322  | 22.469 | 45354708.000 | 360.000 | ug/ml |

Continuing Calibration Report for SequenceID : FE070725AL

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

File ID : FE054724.D

|                   |              |         |        |        |            |            |        |
|-------------------|--------------|---------|--------|--------|------------|------------|--------|
| Aliphatic C9-C12  | 8395385.000  | 60.000  | 3.322  | 6.953  | 139923.083 | 136055.079 | -2.843 |
| Aliphatic C12-C16 | 5847593.000  | 40.000  | 6.954  | 10.404 | 146189.825 | 140568.128 | -3.999 |
| Aliphatic C16-C21 | 8492201.000  | 60.000  | 10.405 | 13.782 | 141536.683 | 144393.643 | 1.979  |
| Aliphatic C21-C28 | 11903478.000 | 80.000  | 13.783 | 17.452 | 148793.475 | 144651.717 | -2.863 |
| Aliphatic C28-C40 | 17211402.000 | 120.000 | 17.453 | 22.469 | 143428.350 | 138647.492 | -3.448 |
| Aliphatic EPH     | 51850059.000 | 360.000 | 3.322  | 22.469 | 144027.942 | 140720.791 | -2.350 |



|                   |                       |                    |                   |
|-------------------|-----------------------|--------------------|-------------------|
| Lab Sample ID:    | 20 PPM ALIPHATIC HC 9 | Acq On:            | 08 Jul 2025 02:09 |
| Client Sample ID: |                       | Operator:          | YP\AJ             |
| Data file:        | FE054724.D            | Misc:              |                   |
| Instrument:       | FID_E                 | ALS Vial:          | 6                 |
| Dilution Factor:  | 1                     | Sample Multiplier: | 1.00              |

| Compound          | R.T.   |        | Response     | Conc    | Units |
|-------------------|--------|--------|--------------|---------|-------|
| Aliphatic C9-C12  | 3.322  | 6.953  | 8395385.000  | 60.000  | ug/ml |
| Aliphatic C12-C16 | 6.954  | 10.404 | 5847593.000  | 40.000  | ug/ml |
| Aliphatic C16-C21 | 10.405 | 13.782 | 8492201.000  | 60.000  | ug/ml |
| Aliphatic C21-C28 | 13.783 | 17.452 | 11903478.000 | 80.000  | ug/ml |
| Aliphatic C28-C40 | 17.453 | 22.469 | 17211402.000 | 120.000 | ug/ml |
| Aliphatic EPH     | 3.322  | 22.469 | 51850059.000 | 360.000 | ug/ml |

Continuing Calibration Report for SequenceID : FG070725AL

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

File ID : FG016226.D

|                   |              |         |        |        |            |            |       |
|-------------------|--------------|---------|--------|--------|------------|------------|-------|
| Aliphatic EPH     | 36278506.000 | 360.000 | 3.313  | 22.561 | 100773.628 | 105812.455 | 4.762 |
| Aliphatic C9-C12  | 6491363.000  | 60.000  | 3.313  | 6.958  | 108189.383 | 109333.554 | 1.046 |
| Aliphatic C12-C16 | 4445457.000  | 40.000  | 6.959  | 10.419 | 111136.425 | 111824.611 | 0.615 |
| Aliphatic C16-C21 | 6767206.000  | 60.000  | 10.420 | 13.811 | 112786.767 | 114479.647 | 1.479 |
| Aliphatic C21-C28 | 8618135.000  | 80.000  | 13.812 | 17.498 | 107726.688 | 114390.192 | 5.825 |
| Aliphatic C28-C40 | 9956345.000  | 120.000 | 17.499 | 22.561 | 82969.542  | 91995.767  | 9.812 |

|                   |                       |                    |                   |
|-------------------|-----------------------|--------------------|-------------------|
| Lab Sample ID:    | 20 PPM ALIPHATIC HC 9 | Acq On:            | 07 Jul 2025 10:55 |
| Client Sample ID: |                       | Operator:          | YP\AJ             |
| Data file:        | FG016226.D            | Misc:              |                   |
| Instrument:       | FID_G                 | ALS Vial:          | 11                |
| Dilution Factor:  | 1                     | Sample Multiplier: | 1.00              |

| Compound          | R.T.   |        | Response     | Conc    | Units |
|-------------------|--------|--------|--------------|---------|-------|
| Aliphatic C9-C12  | 3.313  | 6.958  | 6491363.000  | 60.000  | ug/ml |
| Aliphatic C12-C16 | 6.959  | 10.419 | 4445457.000  | 40.000  | ug/ml |
| Aliphatic C16-C21 | 10.420 | 13.811 | 6767206.000  | 60.000  | ug/ml |
| Aliphatic C21-C28 | 13.812 | 17.498 | 8618135.000  | 80.000  | ug/ml |
| Aliphatic C28-C40 | 17.499 | 22.561 | 9956345.000  | 120.000 | ug/ml |
| Aliphatic EPH     | 3.313  | 22.561 | 36278506.000 | 360.000 | ug/ml |

Continuing Calibration Report for SequenceID : FG070725AL

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

File ID : FG016235.D

|                   |              |         |        |        |            |            |        |
|-------------------|--------------|---------|--------|--------|------------|------------|--------|
| Aliphatic EPH     | 37684618.000 | 360.000 | 3.313  | 22.561 | 104679.494 | 105812.455 | 1.071  |
| Aliphatic C9-C12  | 6726134.000  | 60.000  | 3.313  | 6.958  | 112102.233 | 109333.554 | -2.532 |
| Aliphatic C12-C16 | 4611275.000  | 40.000  | 6.959  | 10.419 | 115281.875 | 111824.611 | -3.092 |
| Aliphatic C16-C21 | 7009172.000  | 60.000  | 10.420 | 13.811 | 116819.533 | 114479.647 | -2.044 |
| Aliphatic C21-C28 | 8970723.000  | 80.000  | 13.812 | 17.498 | 112134.038 | 114390.192 | 1.972  |
| Aliphatic C28-C40 | 10367314.000 | 120.000 | 17.499 | 22.561 | 86394.283  | 91995.767  | 6.089  |

|                   |                       |                    |                   |
|-------------------|-----------------------|--------------------|-------------------|
| Lab Sample ID:    | 20 PPM ALIPHATIC HC 9 | Acq On:            | 07 Jul 2025 19:30 |
| Client Sample ID: |                       | Operator:          | YPAJ              |
| Data file:        | FG016235.D            | Misc:              |                   |
| Instrument:       | FID_G                 | ALS Vial:          | 11                |
| Dilution Factor:  | 1                     | Sample Multiplier: | 1.00              |

| Compound          | R.T.   |        | Response     | Conc    | Units |
|-------------------|--------|--------|--------------|---------|-------|
| Aliphatic C9-C12  | 3.313  | 6.958  | 6726134.000  | 60.000  | ug/ml |
| Aliphatic C12-C16 | 6.959  | 10.419 | 4611275.000  | 40.000  | ug/ml |
| Aliphatic C16-C21 | 10.420 | 13.811 | 7009172.000  | 60.000  | ug/ml |
| Aliphatic C21-C28 | 13.812 | 17.498 | 8970723.000  | 80.000  | ug/ml |
| Aliphatic C28-C40 | 17.499 | 22.561 | 10367314.000 | 120.000 | ug/ml |
| Aliphatic EPH     | 3.313  | 22.561 | 37684618.000 | 360.000 | ug/ml |

Continuing Calibration Report for SequenceID : FG070825AL

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

File ID : FG016238.D

|                   |              |         |        |        |            |            |        |
|-------------------|--------------|---------|--------|--------|------------|------------|--------|
| Aliphatic C9-C12  | 6761365.000  | 60.000  | 3.312  | 6.954  | 112689.417 | 109333.554 | -3.069 |
| Aliphatic C12-C16 | 4654830.000  | 40.000  | 6.955  | 10.414 | 116370.750 | 111824.611 | -4.065 |
| Aliphatic C16-C21 | 7097103.000  | 60.000  | 10.415 | 13.806 | 118285.050 | 114479.647 | -3.324 |
| Aliphatic C21-C28 | 9336915.000  | 80.000  | 13.807 | 17.493 | 116711.438 | 114390.192 | -2.029 |
| Aliphatic C28-C40 | 10633567.000 | 120.000 | 17.494 | 22.553 | 88613.058  | 91995.767  | 3.677  |
| Aliphatic EPH     | 38483780.000 | 360.000 | 3.312  | 22.553 | 106899.389 | 105812.455 | -1.027 |

|                   |                       |                    |                   |
|-------------------|-----------------------|--------------------|-------------------|
| Lab Sample ID:    | 20 PPM ALIPHATIC HC 9 | Acq On:            | 08 Jul 2025 10:17 |
| Client Sample ID: |                       | Operator:          | YPAJ              |
| Data file:        | FG016238.D            | Misc:              |                   |
| Instrument:       | FID_G                 | ALS Vial:          | 11                |
| Dilution Factor:  | 1                     | Sample Multiplier: | 1.00              |

| Compound          | R.T.   |        | Response     | Conc    | Units |
|-------------------|--------|--------|--------------|---------|-------|
| Aliphatic C9-C12  | 3.312  | 6.954  | 6761365.000  | 60.000  | ug/ml |
| Aliphatic C12-C16 | 6.955  | 10.414 | 4654830.000  | 40.000  | ug/ml |
| Aliphatic C16-C21 | 10.415 | 13.806 | 7097103.000  | 60.000  | ug/ml |
| Aliphatic C21-C28 | 13.807 | 17.493 | 9336915.000  | 80.000  | ug/ml |
| Aliphatic C28-C40 | 17.494 | 22.553 | 10633567.000 | 120.000 | ug/ml |
| Aliphatic EPH     | 3.312  | 22.553 | 38483780.000 | 360.000 | ug/ml |

Continuing Calibration Report for SequenceID : FG070825AL

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

File ID : FG016242.D

|                   |              |         |        |        |            |            |        |
|-------------------|--------------|---------|--------|--------|------------|------------|--------|
| Aliphatic C9-C12  | 6841688.000  | 60.000  | 3.312  | 6.954  | 114028.133 | 109333.554 | -4.294 |
| Aliphatic C12-C16 | 4689449.000  | 40.000  | 6.955  | 10.414 | 117236.225 | 111824.611 | -4.839 |
| Aliphatic C16-C21 | 7109672.000  | 60.000  | 10.415 | 13.806 | 118494.533 | 114479.647 | -3.507 |
| Aliphatic C21-C28 | 9356236.000  | 80.000  | 13.807 | 17.493 | 116952.950 | 114390.192 | -2.240 |
| Aliphatic C28-C40 | 10697536.000 | 120.000 | 17.494 | 22.553 | 89146.133  | 91995.767  | 3.098  |
| Aliphatic EPH     | 38694581.000 | 360.000 | 3.312  | 22.553 | 107484.947 | 105812.455 | -1.581 |



|                   |                       |                    |                   |
|-------------------|-----------------------|--------------------|-------------------|
| Lab Sample ID:    | 20 PPM ALIPHATIC HC 9 | Acq On:            | 08 Jul 2025 12:54 |
| Client Sample ID: |                       | Operator:          | YPAJ              |
| Data file:        | FG016242.D            | Misc:              |                   |
| Instrument:       | FID_G                 | ALS Vial:          | 11                |
| Dilution Factor:  | 1                     | Sample Multiplier: | 1.00              |

| Compound          | R.T.   |        | Response     | Conc    | Units |
|-------------------|--------|--------|--------------|---------|-------|
| Aliphatic C9-C12  | 3.312  | 6.954  | 6841688.000  | 60.000  | ug/ml |
| Aliphatic C12-C16 | 6.955  | 10.414 | 4689449.000  | 40.000  | ug/ml |
| Aliphatic C16-C21 | 10.415 | 13.806 | 7109672.000  | 60.000  | ug/ml |
| Aliphatic C21-C28 | 13.807 | 17.493 | 9356236.000  | 80.000  | ug/ml |
| Aliphatic C28-C40 | 17.494 | 22.553 | 10697536.000 | 120.000 | ug/ml |
| Aliphatic EPH     | 3.312  | 22.553 | 38694581.000 | 360.000 | ug/ml |



# SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE070725AL\  
 Data File : FE054715.D  
 Signal(s) : FID1B.ch  
 Acq On : 07 Jul 2025 21:05  
 Operator : YP\AJ  
 Sample : Q2503-03  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 GCAP2

A  
B  
C  
D  
E  
F  
G  
H  
I  
J

Integration File: autoint1.e  
 Quant Time: Jul 08 03:33:09 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 062725.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jun 27 15:19:13 2025  
 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)    | 12.083 | 7042756    | 43.368 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 86.74%       |
| 12) S 1-chlorooctadecane (S... | 13.518 | 5403219    | 42.783 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 85.57%       |

Target Compounds

(f)=RT Delta > 1/2 Window

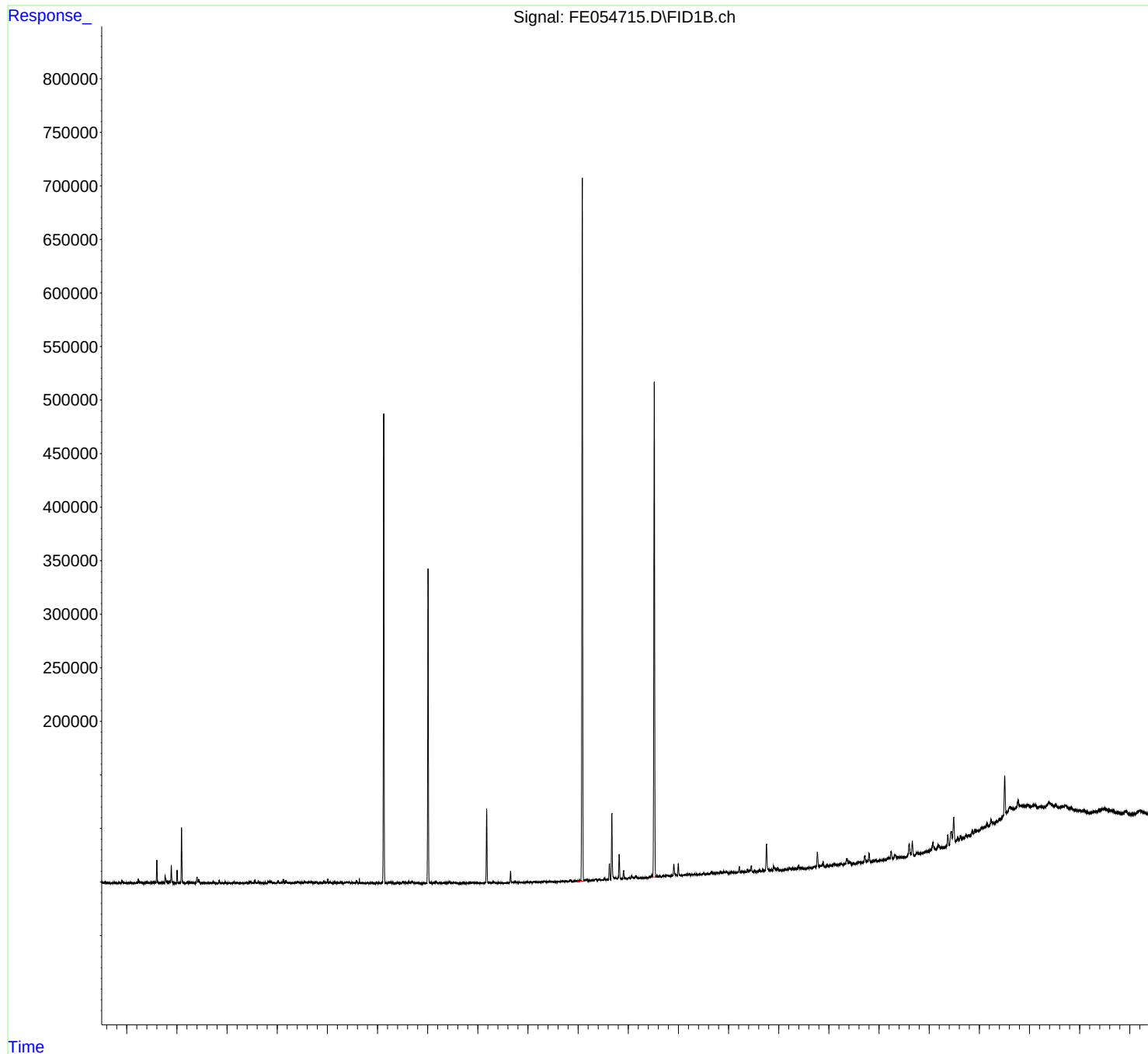
(m)=manual int.

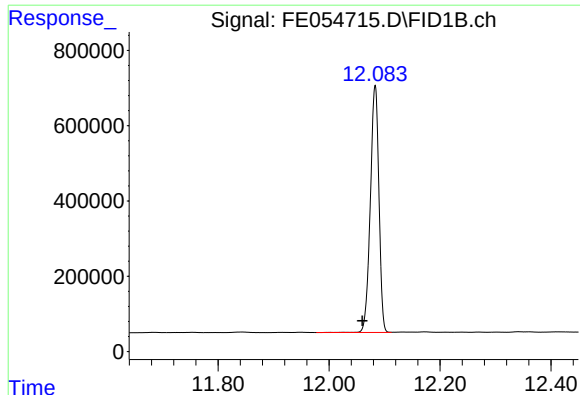
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE070725AL\  
Data File : FE054715.D  
Signal(s) : FID1B.ch  
Acq On : 07 Jul 2025 21:05  
Operator : YP\AJ  
Sample : Q2503-03  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
FID\_E  
ClientSampleId :  
GCAP2

Integration File: autoint1.e  
Quant Time: Jul 08 03:33:09 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 062725.M  
Quant Title : GC Extractables  
QLast Update : Fri Jun 27 15:19:13 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

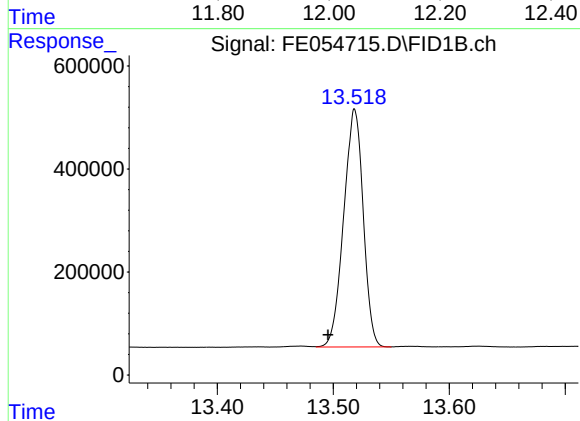




#9 ortho-Terphenyl (SURR)

R.T.: 12.083 min  
Delta R.T.: 0.023 min  
Response: 7042756  
Conc: 43.37 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
GCAP2



#12 1-chlorooctadecane (SURR)

R.T.: 13.518 min  
Delta R.T.: 0.023 min  
Response: 5403219  
Conc: 42.78 ug/ml

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE070725AL\  
 Data File : FE054715.D  
 Signal(s) : FID1B.ch  
 Acq On : 07 Jul 2025 21:05  
 Sample : Q2503-03  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 062725.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         | 2.839       | 2.805        | 2.871      | BV       | 702            | 10379        | 0.15%          | 0.022%        |
| 2         | 2.904       | 2.871        | 2.941      | PV       | 2132           | 34665        | 0.49%          | 0.075%        |
| 3         | 2.952       | 2.941        | 2.975      | VV       | 428            | 7812         | 0.11%          | 0.017%        |
| 4         | 2.995       | 2.975        | 3.014      | VV       | 527            | 9099         | 0.13%          | 0.020%        |
| 5         | 3.034       | 3.014        | 3.068      | VV       | 545            | 12307        | 0.17%          | 0.026%        |
| 6         | 3.109       | 3.068        | 3.138      | VV       | 519            | 13001        | 0.18%          | 0.028%        |
| 7         | 3.151       | 3.138        | 3.171      | VV       | 313            | 3964         | 0.06%          | 0.009%        |
| 8         | 3.201       | 3.171        | 3.213      | VV       | 601            | 11143        | 0.16%          | 0.024%        |
| 9         | 3.231       | 3.213        | 3.264      | VV       | 3505           | 43939        | 0.62%          | 0.094%        |
| 10        | 3.275       | 3.264        | 3.361      | VV       | 896            | 25253        | 0.36%          | 0.054%        |
| 11        | 3.396       | 3.361        | 3.428      | VV       | 1193           | 23729        | 0.34%          | 0.051%        |
| 12        | 3.440       | 3.428        | 3.478      | VV       | 646            | 11504        | 0.16%          | 0.025%        |
| 13        | 3.493       | 3.478        | 3.506      | VV       | 359            | 5034         | 0.07%          | 0.011%        |
| 14        | 3.533       | 3.506        | 3.555      | VV       | 987            | 18192        | 0.26%          | 0.039%        |
| 15        | 3.566       | 3.555        | 3.578      | VV       | 964            | 10760        | 0.15%          | 0.023%        |
| 16        | 3.600       | 3.578        | 3.685      | VV       | 21484          | 213419       | 3.03%          | 0.459%        |
| 17        | 3.701       | 3.685        | 3.722      | VV       | 819            | 11204        | 0.16%          | 0.024%        |
| 18        | 3.738       | 3.722        | 3.748      | VV       | 735            | 8472         | 0.12%          | 0.018%        |
| 19        | 3.765       | 3.748        | 3.798      | VV       | 6812           | 91209        | 1.30%          | 0.196%        |
| 20        | 3.808       | 3.798        | 3.835      | VV       | 1577           | 19814        | 0.28%          | 0.043%        |
| 21        | 3.855       | 3.835        | 3.868      | VV       | 1589           | 22856        | 0.32%          | 0.049%        |
| 22        | 3.888       | 3.868        | 3.934      | VV       | 16666          | 173104       | 2.46%          | 0.372%        |
| 23        | 3.955       | 3.934        | 3.980      | VV       | 598            | 9945         | 0.14%          | 0.021%        |
| 24        | 4.004       | 3.980        | 4.044      | VV       | 12189          | 116126       | 1.65%          | 0.250%        |
| 25        | 4.093       | 4.044        | 4.171      | VV       | 52123          | 503108       | 7.14%          | 1.082%        |
| 26        | 4.215       | 4.171        | 4.233      | VV       | 1369           | 22759        | 0.32%          | 0.049%        |
| 27        | 4.286       | 4.233        | 4.315      | VV       | 699            | 25618        | 0.36%          | 0.055%        |
| 28        | 4.323       | 4.315        | 4.353      | VV       | 622            | 7733         | 0.11%          | 0.017%        |
| 29        | 4.400       | 4.353        | 4.419      | VV       | 6040           | 76776        | 1.09%          | 0.165%        |
| 30        | 4.436       | 4.419        | 4.475      | VV       | 3535           | 49751        | 0.71%          | 0.107%        |
| 31        | 4.497       | 4.475        | 4.509      | VV       | 452            | 6790         | 0.10%          | 0.015%        |
| 32        | 4.534       | 4.509        | 4.551      | VV       | 1239           | 14958        | 0.21%          | 0.032%        |
| 33        | 4.575       | 4.551        | 4.599      | VV       | 445            | 9248         | 0.13%          | 0.020%        |
| 34        | 4.621       | 4.599        | 4.651      | VV       | 626            | 10530        | 0.15%          | 0.023%        |
| 35        | 4.677       | 4.651        | 4.700      | VV       | 788            | 14619        | 0.21%          | 0.031%        |
| 36        | 4.722       | 4.700        | 4.778      | VV       | 1252           | 30525        | 0.43%          | 0.066%        |

|    |       |       |       |    | rteres |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
| 37 | 4.789 | 4.778 | 4.817 | VV | 470    | 5266  | 0.07% | 0.011% |
| 38 | 4.842 | 4.817 | 4.878 | PV | 2978   | 37640 | 0.53% | 0.081% |
| 39 | 4.895 | 4.878 | 4.914 | VV | 599    | 8625  | 0.12% | 0.019% |
| 40 | 4.925 | 4.914 | 4.945 | VV | 314    | 4925  | 0.07% | 0.011% |
| 41 | 4.962 | 4.945 | 4.981 | VV | 1749   | 19174 | 0.27% | 0.041% |
| 42 | 4.990 | 4.981 | 5.005 | VV | 411    | 4042  | 0.06% | 0.009% |
| 43 | 5.045 | 5.005 | 5.055 | VV | 514    | 9864  | 0.14% | 0.021% |
| 44 | 5.068 | 5.055 | 5.085 | VV | 679    | 8163  | 0.12% | 0.018% |
| 45 | 5.097 | 5.085 | 5.110 | VV | 564    | 6951  | 0.10% | 0.015% |
| 46 | 5.139 | 5.110 | 5.165 | VV | 1218   | 22881 | 0.32% | 0.049% |
| 47 | 5.197 | 5.165 | 5.241 | VV | 1223   | 18475 | 0.26% | 0.040% |
| 48 | 5.261 | 5.241 | 5.281 | VV | 652    | 8655  | 0.12% | 0.019% |
| 49 | 5.294 | 5.281 | 5.320 | VV | 398    | 5966  | 0.08% | 0.013% |
| 50 | 5.358 | 5.320 | 5.371 | VV | 604    | 10831 | 0.15% | 0.023% |
| 51 | 5.388 | 5.371 | 5.417 | VV | 1350   | 19239 | 0.27% | 0.041% |
| 52 | 5.441 | 5.417 | 5.454 | VV | 1782   | 19111 | 0.27% | 0.041% |
| 53 | 5.469 | 5.454 | 5.485 | VV | 2295   | 23358 | 0.33% | 0.050% |
| 54 | 5.497 | 5.485 | 5.518 | VV | 745    | 10196 | 0.14% | 0.022% |
| 55 | 5.526 | 5.518 | 5.538 | VV | 465    | 3598  | 0.05% | 0.008% |
| 56 | 5.554 | 5.538 | 5.585 | VV | 3051   | 35464 | 0.50% | 0.076% |
| 57 | 5.622 | 5.585 | 5.645 | VV | 2346   | 32700 | 0.46% | 0.070% |
| 58 | 5.669 | 5.645 | 5.685 | VV | 842    | 14422 | 0.20% | 0.031% |
| 59 | 5.698 | 5.685 | 5.715 | VV | 822    | 9721  | 0.14% | 0.021% |
| 60 | 5.728 | 5.715 | 5.750 | VV | 352    | 6615  | 0.09% | 0.014% |
| 61 | 5.763 | 5.750 | 5.785 | VV | 379    | 5001  | 0.07% | 0.011% |
| 62 | 5.818 | 5.785 | 5.832 | VV | 1936   | 25091 | 0.36% | 0.054% |
| 63 | 5.851 | 5.832 | 5.865 | VV | 2079   | 28358 | 0.40% | 0.061% |
| 64 | 5.878 | 5.865 | 5.901 | VV | 2550   | 29047 | 0.41% | 0.062% |
| 65 | 5.923 | 5.901 | 5.941 | VV | 911    | 13073 | 0.19% | 0.028% |
| 66 | 5.953 | 5.941 | 5.985 | VV | 385    | 7864  | 0.11% | 0.017% |
| 67 | 6.013 | 5.985 | 6.057 | VV | 2490   | 43626 | 0.62% | 0.094% |
| 68 | 6.082 | 6.057 | 6.098 | VV | 714    | 12940 | 0.18% | 0.028% |
| 69 | 6.117 | 6.098 | 6.154 | VV | 3682   | 56943 | 0.81% | 0.122% |
| 70 | 6.172 | 6.154 | 6.201 | VV | 2985   | 38895 | 0.55% | 0.084% |
| 71 | 6.212 | 6.201 | 6.225 | VV | 893    | 8975  | 0.13% | 0.019% |
| 72 | 6.247 | 6.225 | 6.279 | VV | 713    | 13523 | 0.19% | 0.029% |
| 73 | 6.302 | 6.279 | 6.321 | PV | 827    | 10342 | 0.15% | 0.022% |
| 74 | 6.357 | 6.321 | 6.377 | VV | 1247   | 22625 | 0.32% | 0.049% |
| 75 | 6.400 | 6.377 | 6.442 | VV | 2104   | 44194 | 0.63% | 0.095% |
| 76 | 6.451 | 6.442 | 6.467 | VV | 898    | 9754  | 0.14% | 0.021% |
| 77 | 6.491 | 6.467 | 6.517 | VV | 1014   | 19867 | 0.28% | 0.043% |
| 78 | 6.539 | 6.517 | 6.571 | VV | 2095   | 41989 | 0.60% | 0.090% |
| 79 | 6.585 | 6.571 | 6.610 | VV | 1241   | 20616 | 0.29% | 0.044% |
| 80 | 6.627 | 6.610 | 6.670 | VV | 1973   | 39821 | 0.57% | 0.086% |
| 81 | 6.689 | 6.670 | 6.708 | VV | 1695   | 25952 | 0.37% | 0.056% |
| 82 | 6.729 | 6.708 | 6.747 | VV | 781    | 15362 | 0.22% | 0.033% |
| 83 | 6.774 | 6.747 | 6.825 | VV | 1161   | 33567 | 0.48% | 0.072% |
| 84 | 6.851 | 6.825 | 6.904 | VV | 1026   | 26301 | 0.37% | 0.057% |
| 85 | 6.929 | 6.904 | 6.956 | VV | 2208   | 31856 | 0.45% | 0.068% |
| 86 | 6.977 | 6.956 | 6.991 | VV | 900    | 15570 | 0.22% | 0.033% |
| 87 | 7.007 | 6.991 | 7.030 | VV | 3820   | 42609 | 0.61% | 0.092% |
| 88 | 7.053 | 7.030 | 7.093 | VV | 1419   | 28301 | 0.40% | 0.061% |
| 89 | 7.110 | 7.093 | 7.125 | VV | 628    | 9100  | 0.13% | 0.020% |

|     |       |       |       |    | rt   | Area  | Height | %Area  | %Height |
|-----|-------|-------|-------|----|------|-------|--------|--------|---------|
| 90  | 7.142 | 7.125 | 7.161 | VV | 1412 | 17623 | 0.25%  | 0.038% |         |
| 91  | 7.184 | 7.161 | 7.213 | VV | 915  | 18255 | 0.26%  | 0.039% |         |
| 92  | 7.224 | 7.213 | 7.237 | VV | 551  | 6396  | 0.09%  | 0.014% |         |
| 93  | 7.266 | 7.237 | 7.291 | VV | 1551 | 22948 | 0.33%  | 0.049% |         |
| 94  | 7.345 | 7.291 | 7.355 | VV | 957  | 19024 | 0.27%  | 0.041% |         |
| 95  | 7.392 | 7.355 | 7.414 | VV | 1250 | 33704 | 0.48%  | 0.072% |         |
| 96  | 7.431 | 7.414 | 7.467 | VV | 1454 | 24448 | 0.35%  | 0.053% |         |
| 97  | 7.493 | 7.467 | 7.525 | VV | 751  | 19510 | 0.28%  | 0.042% |         |
| 98  | 7.542 | 7.525 | 7.557 | VV | 525  | 8430  | 0.12%  | 0.018% |         |
| 99  | 7.578 | 7.557 | 7.621 | VV | 2835 | 43296 | 0.61%  | 0.093% |         |
| 100 | 7.638 | 7.621 | 7.663 | VV | 2287 | 20253 | 0.29%  | 0.044% |         |
| 101 | 7.681 | 7.663 | 7.699 | VV | 510  | 9107  | 0.13%  | 0.020% |         |
| 102 | 7.710 | 7.699 | 7.749 | VV | 383  | 8140  | 0.12%  | 0.018% |         |
| 103 | 7.769 | 7.749 | 7.777 | VV | 369  | 4344  | 0.06%  | 0.009% |         |
| 104 | 7.802 | 7.777 | 7.841 | VV | 651  | 13089 | 0.19%  | 0.028% |         |
| 105 | 7.862 | 7.841 | 7.878 | VV | 621  | 8553  | 0.12%  | 0.018% |         |
| 106 | 7.889 | 7.878 | 7.912 | VV | 511  | 7244  | 0.10%  | 0.016% |         |
| 107 | 7.924 | 7.912 | 7.958 | VV | 373  | 6315  | 0.09%  | 0.014% |         |
| 108 | 7.982 | 7.958 | 8.006 | VV | 943  | 13907 | 0.20%  | 0.030% |         |
| 109 | 8.027 | 8.006 | 8.078 | VV | 674  | 12025 | 0.17%  | 0.026% |         |
| 110 | 8.177 | 8.171 | 8.204 | VV | 424  | 5900  | 0.08%  | 0.013% |         |
| 111 | 8.233 | 8.204 | 8.251 | VV | 1291 | 20718 | 0.29%  | 0.045% |         |
| 112 | 8.266 | 8.251 | 8.327 | VV | 1412 | 22553 | 0.32%  | 0.048% |         |
| 113 | 8.339 | 8.327 | 8.355 | VV | 257  | 3249  | 0.05%  | 0.007% |         |
| 114 | 8.399 | 8.355 | 8.445 | VV | 718  | 17848 | 0.25%  | 0.038% |         |
| 115 | 8.451 | 8.445 | 8.461 | VV | 235  | 2236  | 0.03%  | 0.005% |         |
| 116 | 8.509 | 8.461 | 8.528 | VV | 1578 | 30353 | 0.43%  | 0.065% |         |
| 117 | 8.545 | 8.528 | 8.568 | VV | 1333 | 16875 | 0.24%  | 0.036% |         |
| 118 | 8.582 | 8.568 | 8.595 | VV | 651  | 8437  | 0.12%  | 0.018% |         |
| 119 | 8.619 | 8.595 | 8.636 | VV | 1389 | 19832 | 0.28%  | 0.043% |         |
| 120 | 8.649 | 8.636 | 8.662 | VV | 860  | 10367 | 0.15%  | 0.022% |         |
| 121 | 8.688 | 8.662 | 8.731 | VV | 1790 | 38456 | 0.55%  | 0.083% |         |
| 122 | 8.746 | 8.731 | 8.765 | VV | 491  | 6760  | 0.10%  | 0.015% |         |
| 123 | 8.798 | 8.765 | 8.870 | VV | 543  | 18124 | 0.26%  | 0.039% |         |
| 124 | 8.897 | 8.870 | 8.907 | VV | 220  | 2530  | 0.04%  | 0.005% |         |
| 125 | 8.924 | 8.907 | 8.973 | VV | 235  | 4396  | 0.06%  | 0.009% |         |
| 126 | 9.053 | 9.045 | 9.092 | VV | 524  | 11545 | 0.16%  | 0.025% |         |
| 127 | 9.102 | 9.092 | 9.120 | VV | 388  | 5086  | 0.07%  | 0.011% |         |
| 128 | 9.165 | 9.120 | 9.213 | VV | 1478 | 33463 | 0.48%  | 0.072% |         |
| 129 | 9.232 | 9.213 | 9.287 | VV | 720  | 13710 | 0.19%  | 0.029% |         |
| 130 | 9.317 | 9.287 | 9.331 | VV | 462  | 7189  | 0.10%  | 0.015% |         |
| 131 | 9.347 | 9.331 | 9.368 | VV | 382  | 5867  | 0.08%  | 0.013% |         |
| 132 | 9.378 | 9.368 | 9.401 | VV | 393  | 5941  | 0.08%  | 0.013% |         |
| 133 | 9.426 | 9.401 | 9.486 | VV | 1384 | 33843 | 0.48%  | 0.073% |         |
| 134 | 9.519 | 9.486 | 9.538 | VV | 879  | 14080 | 0.20%  | 0.030% |         |
| 135 | 9.558 | 9.538 | 9.598 | VV | 410  | 10182 | 0.14%  | 0.022% |         |
| 136 | 9.607 | 9.598 | 9.625 | VV | 123  | 1225  | 0.02%  | 0.003% |         |
| 137 | 9.639 | 9.625 | 9.663 | VV | 102  | 1891  | 0.03%  | 0.004% |         |
| 138 | 9.676 | 9.663 | 9.689 | VV | 314  | 3336  | 0.05%  | 0.007% |         |
| 139 | 9.711 | 9.689 | 9.767 | VV | 673  | 12130 | 0.17%  | 0.026% |         |
| 140 | 9.819 | 9.767 | 9.838 | PV | 353  | 7672  | 0.11%  | 0.016% |         |
| 141 | 9.858 | 9.838 | 9.882 | VV | 551  | 9694  | 0.14%  | 0.021% |         |



|     |        |        |        |    | rteres |         |         |         |
|-----|--------|--------|--------|----|--------|---------|---------|---------|
| 142 | 9.902  | 9.882  | 9.948  | VV | 846    | 18367   | 0.26%   | 0.039%  |
| 143 | 9.979  | 9.948  | 10.015 | VV | 741    | 14941   | 0.21%   | 0.032%  |
| 144 | 10.062 | 10.015 | 10.070 | VV | 247    | 6519    | 0.09%   | 0.014%  |
| 145 | 10.082 | 10.070 | 10.120 | VV | 336    | 5961    | 0.08%   | 0.013%  |
| 146 | 10.177 | 10.120 | 10.216 | VV | 68869  | 700644  | 9.95%   | 1.506%  |
| 147 | 10.240 | 10.216 | 10.275 | VV | 648    | 13435   | 0.19%   | 0.029%  |
| 148 | 10.304 | 10.275 | 10.358 | VV | 1151   | 21525   | 0.31%   | 0.046%  |
| 149 | 10.368 | 10.358 | 10.391 | VV | 182    | 2344    | 0.03%   | 0.005%  |
| 150 | 10.411 | 10.391 | 10.448 | VV | 533    | 7198    | 0.10%   | 0.015%  |
| 151 | 10.452 | 10.448 | 10.465 | VV | 126    | 797     | 0.01%   | 0.002%  |
| 152 | 10.479 | 10.465 | 10.518 | VV | 133    | 2806    | 0.04%   | 0.006%  |
| 153 | 10.542 | 10.518 | 10.550 | VV | 135    | 910     | 0.01%   | 0.002%  |
| 154 | 10.576 | 10.550 | 10.600 | VV | 126    | 2564    | 0.04%   | 0.006%  |
| 155 | 10.653 | 10.600 | 10.678 | PV | 10780  | 114375  | 1.62%   | 0.246%  |
| 156 | 10.694 | 10.678 | 10.718 | VV | 698    | 10986   | 0.16%   | 0.024%  |
| 157 | 10.747 | 10.718 | 10.769 | VV | 1159   | 20756   | 0.29%   | 0.045%  |
| 158 | 10.785 | 10.769 | 10.813 | VV | 555    | 8531    | 0.12%   | 0.018%  |
| 159 | 10.828 | 10.813 | 10.848 | VV | 330    | 4877    | 0.07%   | 0.010%  |
| 160 | 10.859 | 10.848 | 10.875 | VV | 353    | 3601    | 0.05%   | 0.008%  |
| 161 | 10.929 | 10.875 | 10.943 | PV | 426    | 9570    | 0.14%   | 0.021%  |
| 162 | 10.972 | 10.943 | 10.988 | VV | 879    | 13378   | 0.19%   | 0.029%  |
| 163 | 11.001 | 10.988 | 11.019 | VV | 645    | 7838    | 0.11%   | 0.017%  |
| 164 | 11.046 | 11.019 | 11.091 | VV | 953    | 17348   | 0.25%   | 0.037%  |
| 165 | 11.119 | 11.091 | 11.138 | VV | 977    | 14223   | 0.20%   | 0.031%  |
| 166 | 11.152 | 11.138 | 11.211 | VV | 642    | 12529   | 0.18%   | 0.027%  |
| 167 | 11.227 | 11.211 | 11.251 | VV | 505    | 6495    | 0.09%   | 0.014%  |
| 168 | 11.273 | 11.251 | 11.291 | VV | 748    | 9685    | 0.14%   | 0.021%  |
| 169 | 11.311 | 11.291 | 11.322 | VV | 866    | 9775    | 0.14%   | 0.021%  |
| 170 | 11.335 | 11.322 | 11.371 | VV | 739    | 14705   | 0.21%   | 0.032%  |
| 171 | 11.385 | 11.371 | 11.405 | VV | 493    | 7334    | 0.10%   | 0.016%  |
| 172 | 11.445 | 11.405 | 11.465 | VV | 737    | 15926   | 0.23%   | 0.034%  |
| 173 | 11.479 | 11.465 | 11.518 | VV | 428    | 7818    | 0.11%   | 0.017%  |
| 174 | 11.534 | 11.518 | 11.545 | VV | 165    | 2027    | 0.03%   | 0.004%  |
| 175 | 11.565 | 11.545 | 11.590 | VV | 320    | 4267    | 0.06%   | 0.009%  |
| 176 | 11.618 | 11.590 | 11.645 | VV | 318    | 5727    | 0.08%   | 0.012%  |
| 177 | 11.684 | 11.645 | 11.709 | PV | 952    | 15839   | 0.22%   | 0.034%  |
| 178 | 11.754 | 11.709 | 11.775 | VV | 984    | 20284   | 0.29%   | 0.044%  |
| 179 | 11.795 | 11.775 | 11.811 | VV | 332    | 5290    | 0.08%   | 0.011%  |
| 180 | 11.843 | 11.811 | 11.891 | VV | 1668   | 30666   | 0.44%   | 0.066%  |
| 181 | 11.915 | 11.891 | 11.932 | PV | 572    | 8486    | 0.12%   | 0.018%  |
| 182 | 11.949 | 11.932 | 11.985 | VV | 823    | 11177   | 0.16%   | 0.024%  |
| 183 | 12.002 | 11.985 | 12.011 | VV | 434    | 4275    | 0.06%   | 0.009%  |
| 184 | 12.083 | 12.011 | 12.118 | VV | 661978 | 7041533 | 100.00% | 15.139% |
| 185 | 12.172 | 12.118 | 12.196 | VV | 1457   | 38670   | 0.55%   | 0.083%  |
| 186 | 12.210 | 12.196 | 12.221 | VV | 418    | 4908    | 0.07%   | 0.011%  |
| 187 | 12.239 | 12.221 | 12.254 | VV | 527    | 6315    | 0.09%   | 0.014%  |
| 188 | 12.269 | 12.254 | 12.285 | VV | 587    | 5733    | 0.08%   | 0.012%  |
| 189 | 12.302 | 12.285 | 12.320 | VV | 436    | 4802    | 0.07%   | 0.010%  |
| 190 | 12.342 | 12.320 | 12.380 | VV | 1439   | 26803   | 0.38%   | 0.058%  |
| 191 | 12.413 | 12.380 | 12.462 | VV | 912    | 22511   | 0.32%   | 0.048%  |
| 192 | 12.468 | 12.462 | 12.474 | VV | 260    | 1545    | 0.02%   | 0.003%  |
| 193 | 12.482 | 12.474 | 12.491 | VV | 268    | 1863    | 0.03%   | 0.004%  |
| 194 | 12.522 | 12.491 | 12.545 | VV | 1586   | 22477   | 0.32%   | 0.048%  |

|     |        |        |        |    | rteres |         |        |         |
|-----|--------|--------|--------|----|--------|---------|--------|---------|
| 195 | 12.568 | 12.545 | 12.596 | VV | 379    | 7869    | 0.11%  | 0.017%  |
| 196 | 12.624 | 12.596 | 12.647 | PV | 14822  | 172102  | 2.44%  | 0.370%  |
| 197 | 12.672 | 12.647 | 12.721 | VV | 61267  | 706112  | 10.03% | 1.518%  |
| 198 | 12.745 | 12.721 | 12.776 | VV | 1756   | 41294   | 0.59%  | 0.089%  |
| 199 | 12.819 | 12.776 | 12.858 | VV | 23350  | 292915  | 4.16%  | 0.630%  |
| 200 | 12.862 | 12.858 | 12.875 | VV | 566    | 5154    | 0.07%  | 0.011%  |
| 201 | 12.906 | 12.875 | 12.929 | VV | 8006   | 97587   | 1.39%  | 0.210%  |
| 202 | 12.944 | 12.929 | 12.968 | VV | 960    | 14012   | 0.20%  | 0.030%  |
| 203 | 13.017 | 12.968 | 13.039 | VV | 1172   | 30237   | 0.43%  | 0.065%  |
| 204 | 13.062 | 13.039 | 13.083 | VV | 2617   | 39617   | 0.56%  | 0.085%  |
| 205 | 13.094 | 13.083 | 13.112 | VV | 1181   | 15213   | 0.22%  | 0.033%  |
| 206 | 13.156 | 13.112 | 13.180 | VV | 2485   | 55297   | 0.79%  | 0.119%  |
| 207 | 13.189 | 13.180 | 13.225 | VV | 498    | 8855    | 0.13%  | 0.019%  |
| 208 | 13.247 | 13.225 | 13.269 | VV | 1016   | 12998   | 0.18%  | 0.028%  |
| 209 | 13.285 | 13.269 | 13.301 | VV | 342    | 4079    | 0.06%  | 0.009%  |
| 210 | 13.325 | 13.301 | 13.345 | PV | 710    | 10413   | 0.15%  | 0.022%  |
| 211 | 13.355 | 13.345 | 13.381 | VV | 350    | 5255    | 0.07%  | 0.011%  |
| 212 | 13.435 | 13.381 | 13.446 | VV | 870    | 18316   | 0.26%  | 0.039%  |
| 213 | 13.471 | 13.446 | 13.483 | VV | 2308   | 32944   | 0.47%  | 0.071%  |
| 214 | 13.518 | 13.483 | 13.550 | VV | 462114 | 5425394 | 77.05% | 11.664% |
| 215 | 13.567 | 13.550 | 13.588 | VV | 1601   | 25109   | 0.36%  | 0.054%  |
| 216 | 13.625 | 13.588 | 13.661 | VV | 1714   | 33671   | 0.48%  | 0.072%  |
| 217 | 13.683 | 13.661 | 13.695 | VV | 1135   | 15440   | 0.22%  | 0.033%  |
| 218 | 13.710 | 13.695 | 13.736 | VV | 1264   | 28017   | 0.40%  | 0.060%  |
| 219 | 13.755 | 13.736 | 13.837 | VV | 1782   | 66703   | 0.95%  | 0.143%  |
| 220 | 13.864 | 13.837 | 13.875 | VV | 1030   | 17486   | 0.25%  | 0.038%  |
| 221 | 13.909 | 13.875 | 13.943 | VV | 11411  | 168942  | 2.40%  | 0.363%  |
| 222 | 13.953 | 13.943 | 13.971 | VV | 1602   | 22249   | 0.32%  | 0.048%  |
| 223 | 13.998 | 13.971 | 14.053 | VV | 11786  | 160749  | 2.28%  | 0.346%  |
| 224 | 14.064 | 14.053 | 14.080 | VV | 658    | 9567    | 0.14%  | 0.021%  |
| 225 | 14.140 | 14.080 | 14.156 | VV | 1213   | 43248   | 0.61%  | 0.093%  |
| 226 | 14.188 | 14.156 | 14.202 | VV | 1204   | 28252   | 0.40%  | 0.061%  |
| 227 | 14.219 | 14.202 | 14.245 | VV | 1890   | 30734   | 0.44%  | 0.066%  |
| 228 | 14.268 | 14.245 | 14.280 | VV | 1292   | 20165   | 0.29%  | 0.043%  |
| 229 | 14.293 | 14.280 | 14.305 | VV | 1288   | 15943   | 0.23%  | 0.034%  |
| 230 | 14.326 | 14.305 | 14.378 | VV | 1211   | 38356   | 0.54%  | 0.082%  |
| 231 | 14.419 | 14.378 | 14.441 | VV | 898    | 25689   | 0.36%  | 0.055%  |
| 232 | 14.510 | 14.441 | 14.536 | VV | 1734   | 53767   | 0.76%  | 0.116%  |
| 233 | 14.580 | 14.536 | 14.615 | VV | 1013   | 34450   | 0.49%  | 0.074%  |
| 234 | 14.660 | 14.615 | 14.695 | VV | 2702   | 63421   | 0.90%  | 0.136%  |
| 235 | 14.709 | 14.695 | 14.726 | VV | 1609   | 22470   | 0.32%  | 0.048%  |
| 236 | 14.746 | 14.726 | 14.755 | VV | 1141   | 15949   | 0.23%  | 0.034%  |
| 237 | 14.788 | 14.755 | 14.811 | VV | 1493   | 36208   | 0.51%  | 0.078%  |
| 238 | 14.833 | 14.811 | 14.859 | VV | 2429   | 41637   | 0.59%  | 0.090%  |
| 239 | 14.906 | 14.859 | 14.923 | VV | 2181   | 52000   | 0.74%  | 0.112%  |
| 240 | 14.939 | 14.923 | 14.947 | VV | 1693   | 21291   | 0.30%  | 0.046%  |
| 241 | 14.960 | 14.947 | 15.021 | VV | 1738   | 42826   | 0.61%  | 0.092%  |
| 242 | 15.057 | 15.021 | 15.087 | VV | 1426   | 38501   | 0.55%  | 0.083%  |
| 243 | 15.110 | 15.087 | 15.139 | VV | 1084   | 25220   | 0.36%  | 0.054%  |
| 244 | 15.148 | 15.139 | 15.164 | VV | 651    | 8528    | 0.12%  | 0.018%  |
| 245 | 15.212 | 15.164 | 15.245 | VV | 5671   | 94501   | 1.34%  | 0.203%  |
| 246 | 15.271 | 15.245 | 15.295 | VV | 1360   | 27570   | 0.39%  | 0.059%  |

|     |        |        |        |    | rteres |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
| 247 | 15.312 | 15.295 | 15.351 | VV | 1132   | 26846  | 0.38% | 0.058% |
| 248 | 15.373 | 15.351 | 15.401 | VV | 2777   | 44652  | 0.63% | 0.096% |
| 249 | 15.421 | 15.401 | 15.430 | VV | 1795   | 24353  | 0.35% | 0.052% |
| 250 | 15.452 | 15.430 | 15.496 | VV | 5955   | 89822  | 1.28% | 0.193% |
| 251 | 15.520 | 15.496 | 15.545 | VV | 1839   | 24576  | 0.35% | 0.053% |
| 252 | 15.571 | 15.545 | 15.587 | VV | 717    | 12714  | 0.18% | 0.027% |
| 253 | 15.613 | 15.587 | 15.653 | VV | 1691   | 35146  | 0.50% | 0.076% |
| 254 | 15.684 | 15.653 | 15.707 | VV | 2172   | 37251  | 0.53% | 0.080% |
| 255 | 15.756 | 15.707 | 15.812 | VV | 25554  | 395230 | 5.61% | 0.850% |
| 256 | 15.823 | 15.812 | 15.837 | VV | 1414   | 18397  | 0.26% | 0.040% |
| 257 | 15.854 | 15.837 | 15.872 | VV | 1763   | 23369  | 0.33% | 0.050% |
| 258 | 15.898 | 15.872 | 15.961 | VV | 4874   | 118194 | 1.68% | 0.254% |
| 259 | 15.979 | 15.961 | 16.011 | VV | 2881   | 45393  | 0.64% | 0.098% |
| 260 | 16.043 | 16.011 | 16.064 | VV | 695    | 14144  | 0.20% | 0.030% |
| 261 | 16.075 | 16.064 | 16.090 | PV | 345    | 3249   | 0.05% | 0.007% |
| 262 | 16.121 | 16.090 | 16.137 | VV | 1117   | 17483  | 0.25% | 0.038% |
| 263 | 16.152 | 16.137 | 16.186 | VV | 867    | 22165  | 0.31% | 0.048% |
| 264 | 16.214 | 16.186 | 16.260 | VV | 1758   | 49699  | 0.71% | 0.107% |
| 265 | 16.276 | 16.260 | 16.308 | VV | 1550   | 29172  | 0.41% | 0.063% |
| 266 | 16.335 | 16.308 | 16.351 | VV | 1084   | 18654  | 0.26% | 0.040% |
| 267 | 16.399 | 16.351 | 16.425 | VV | 4090   | 72470  | 1.03% | 0.156% |
| 268 | 16.439 | 16.425 | 16.448 | VV | 1425   | 16555  | 0.24% | 0.036% |
| 269 | 16.460 | 16.448 | 16.482 | VV | 1478   | 20917  | 0.30% | 0.045% |
| 270 | 16.501 | 16.482 | 16.515 | VV | 513    | 6762   | 0.10% | 0.015% |
| 271 | 16.532 | 16.515 | 16.543 | VV | 267    | 1858   | 0.03% | 0.004% |
| 272 | 16.631 | 16.543 | 16.658 | VV | 960    | 37015  | 0.53% | 0.080% |
| 273 | 16.708 | 16.658 | 16.726 | PV | 1942   | 38785  | 0.55% | 0.083% |
| 274 | 16.771 | 16.726 | 16.808 | VV | 14324  | 233627 | 3.32% | 0.502% |
| 275 | 16.884 | 16.808 | 16.915 | VV | 5122   | 128813 | 1.83% | 0.277% |
| 276 | 16.924 | 16.915 | 16.932 | VV | 673    | 5344   | 0.08% | 0.011% |
| 277 | 16.969 | 16.932 | 16.997 | VV | 1997   | 32827  | 0.47% | 0.071% |
| 278 | 17.019 | 16.997 | 17.053 | VV | 1734   | 33492  | 0.48% | 0.072% |
| 279 | 17.099 | 17.053 | 17.151 | VV | 2290   | 77165  | 1.10% | 0.166% |
| 280 | 17.171 | 17.151 | 17.185 | VV | 1327   | 21405  | 0.30% | 0.046% |
| 281 | 17.250 | 17.185 | 17.287 | VV | 1684   | 70517  | 1.00% | 0.152% |
| 282 | 17.318 | 17.287 | 17.328 | VV | 1465   | 25641  | 0.36% | 0.055% |
| 283 | 17.355 | 17.328 | 17.384 | VV | 5765   | 124845 | 1.77% | 0.268% |
| 284 | 17.399 | 17.384 | 17.418 | VV | 3051   | 47936  | 0.68% | 0.103% |
| 285 | 17.428 | 17.418 | 17.454 | VV | 2058   | 26353  | 0.37% | 0.057% |
| 286 | 17.506 | 17.454 | 17.523 | PV | 847    | 22036  | 0.31% | 0.047% |
| 287 | 17.613 | 17.523 | 17.635 | PV | 1458   | 49534  | 0.70% | 0.106% |
| 288 | 17.650 | 17.635 | 17.662 | VV | 689    | 10071  | 0.14% | 0.022% |
| 289 | 17.716 | 17.662 | 17.770 | VV | 6417   | 135679 | 1.93% | 0.292% |
| 290 | 17.802 | 17.770 | 17.836 | VV | 8092   | 131332 | 1.87% | 0.282% |
| 291 | 17.889 | 17.836 | 17.905 | PV | 1467   | 19398  | 0.28% | 0.042% |
| 292 | 17.934 | 17.905 | 17.966 | VV | 1228   | 28839  | 0.41% | 0.062% |
| 293 | 18.026 | 17.966 | 18.061 | VV | 839    | 22465  | 0.32% | 0.048% |
| 294 | 18.085 | 18.061 | 18.104 | PV | 531    | 8120   | 0.12% | 0.017% |
| 295 | 18.119 | 18.104 | 18.134 | VV | 547    | 7774   | 0.11% | 0.017% |
| 296 | 18.192 | 18.134 | 18.212 | VV | 1927   | 51092  | 0.73% | 0.110% |
| 297 | 18.241 | 18.212 | 18.281 | VV | 7374   | 118750 | 1.69% | 0.255% |
| 298 | 18.316 | 18.281 | 18.355 | VV | 3711   | 89632  | 1.27% | 0.193% |
| 299 | 18.375 | 18.355 | 18.391 | VV | 1438   | 21953  | 0.31% | 0.047% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 300 | 18.408 | 18.391 | 18.421 | VV | 1150   | 16586   | 0.24%  | 0.036% |
| 301 | 18.432 | 18.421 | 18.467 | VV | 1041   | 17737   | 0.25%  | 0.038% |
| 302 | 18.484 | 18.467 | 18.498 | VV | 814    | 8887    | 0.13%  | 0.019% |
| 303 | 18.599 | 18.498 | 18.635 | PV | 11124  | 231920  | 3.29%  | 0.499% |
| 304 | 18.664 | 18.635 | 18.699 | VV | 13804  | 203383  | 2.89%  | 0.437% |
| 305 | 18.772 | 18.699 | 18.801 | PV | 2343   | 71815   | 1.02%  | 0.154% |
| 306 | 18.832 | 18.801 | 18.841 | VV | 507    | 11154   | 0.16%  | 0.024% |
| 307 | 18.937 | 18.841 | 18.954 | VV | 1486   | 57511   | 0.82%  | 0.124% |
| 308 | 18.964 | 18.954 | 18.995 | VV | 1199   | 22561   | 0.32%  | 0.049% |
| 309 | 19.074 | 18.995 | 19.133 | VV | 8130   | 235466  | 3.34%  | 0.506% |
| 310 | 19.175 | 19.133 | 19.189 | VV | 4741   | 87051   | 1.24%  | 0.187% |
| 311 | 19.199 | 19.189 | 19.222 | VV | 3853   | 49439   | 0.70%  | 0.106% |
| 312 | 19.251 | 19.222 | 19.273 | VV | 1928   | 42677   | 0.61%  | 0.092% |
| 313 | 19.298 | 19.273 | 19.309 | VV | 1033   | 19407   | 0.28%  | 0.042% |
| 314 | 19.372 | 19.309 | 19.398 | VV | 11889  | 212860  | 3.02%  | 0.458% |
| 315 | 19.436 | 19.398 | 19.459 | VV | 14205  | 334009  | 4.74%  | 0.718% |
| 316 | 19.488 | 19.459 | 19.525 | VV | 26872  | 539374  | 7.66%  | 1.160% |
| 317 | 19.567 | 19.525 | 19.594 | VV | 6852   | 215951  | 3.07%  | 0.464% |
| 318 | 19.623 | 19.594 | 19.647 | VV | 7902   | 190186  | 2.70%  | 0.409% |
| 319 | 19.675 | 19.647 | 19.698 | VV | 5975   | 158814  | 2.26%  | 0.341% |
| 320 | 19.730 | 19.698 | 19.751 | VV | 7109   | 198208  | 2.81%  | 0.426% |
| 321 | 19.781 | 19.751 | 19.820 | VV | 7238   | 255268  | 3.63%  | 0.549% |
| 322 | 19.859 | 19.820 | 19.882 | VV | 11169  | 307977  | 4.37%  | 0.662% |
| 323 | 19.905 | 19.882 | 19.920 | VV | 10434  | 201061  | 2.86%  | 0.432% |
| 324 | 19.936 | 19.920 | 19.950 | VV | 9627   | 159859  | 2.27%  | 0.344% |
| 325 | 19.975 | 19.950 | 19.990 | VV | 9225   | 215905  | 3.07%  | 0.464% |
| 326 | 20.054 | 19.990 | 20.075 | VV | 11006  | 502632  | 7.14%  | 1.081% |
| 327 | 20.155 | 20.075 | 20.181 | VV | 13763  | 718418  | 10.20% | 1.545% |
| 328 | 20.234 | 20.181 | 20.272 | VV | 16180  | 703030  | 9.98%  | 1.511% |
| 329 | 20.278 | 20.272 | 20.308 | VV | 12671  | 262603  | 3.73%  | 0.565% |
| 330 | 20.352 | 20.308 | 20.362 | VV | 13113  | 415724  | 5.90%  | 0.894% |
| 331 | 20.506 | 20.362 | 20.543 | VV | 53913  | 2248867 | 31.94% | 4.835% |
| 332 | 20.603 | 20.543 | 20.674 | VV | 24177  | 1699661 | 24.14% | 3.654% |
| 333 | 20.691 | 20.674 | 20.705 | VV | 21419  | 398371  | 5.66%  | 0.856% |
| 334 | 20.772 | 20.705 | 20.808 | VV | 28431  | 1463015 | 20.78% | 3.145% |
| 335 | 20.821 | 20.808 | 20.834 | VV | 22634  | 345007  | 4.90%  | 0.742% |
| 336 | 20.848 | 20.834 | 20.875 | VV | 22276  | 539621  | 7.66%  | 1.160% |
| 337 | 20.881 | 20.875 | 20.897 | VV | 21713  | 290165  | 4.12%  | 0.624% |
| 338 | 20.917 | 20.897 | 20.936 | VV | 21445  | 494127  | 7.02%  | 1.062% |
| 339 | 20.970 | 20.936 | 21.028 | VV | 21918  | 1137084 | 16.15% | 2.445% |
| 340 | 21.074 | 21.028 | 21.098 | VV | 20419  | 817012  | 11.60% | 1.757% |
| 341 | 21.120 | 21.098 | 21.156 | VV | 20010  | 655762  | 9.31%  | 1.410% |
| 342 | 21.177 | 21.156 | 21.195 | VV | 17499  | 392952  | 5.58%  | 0.845% |
| 343 | 21.244 | 21.195 | 21.281 | VV | 17360  | 869457  | 12.35% | 1.869% |
| 344 | 21.300 | 21.281 | 21.318 | VV | 16134  | 347325  | 4.93%  | 0.747% |
| 345 | 21.386 | 21.318 | 21.495 | VV | 19294  | 1796602 | 25.51% | 3.863% |
| 346 | 21.524 | 21.495 | 21.563 | VV | 15467  | 588854  | 8.36%  | 1.266% |
| 347 | 21.577 | 21.563 | 21.590 | VV | 12478  | 198176  | 2.81%  | 0.426% |
| 348 | 21.602 | 21.590 | 21.608 | VV | 12419  | 133114  | 1.89%  | 0.286% |
| 349 | 21.621 | 21.608 | 21.635 | VV | 12508  | 195935  | 2.78%  | 0.421% |
| 350 | 21.655 | 21.635 | 21.677 | VV | 12351  | 310101  | 4.40%  | 0.667% |
| 351 | 21.712 | 21.677 | 21.801 | VV | 13111  | 825274  | 11.72% | 1.774% |

| rteres                  |        |        |        |    |      |          |       |        |
|-------------------------|--------|--------|--------|----|------|----------|-------|--------|
| 352                     | 21.834 | 21.801 | 21.899 | VV | 9213 | 463605   | 6.58% | 0.997% |
| 353                     | 21.915 | 21.899 | 21.957 | VV | 6499 | 200892   | 2.85% | 0.432% |
| 354                     | 21.972 | 21.957 | 21.986 | VV | 5179 | 85602    | 1.22% | 0.184% |
| 355                     | 21.996 | 21.986 | 22.039 | VV | 4701 | 138675   | 1.97% | 0.298% |
| 356                     | 22.088 | 22.039 | 22.135 | VV | 3962 | 197832   | 2.81% | 0.425% |
| 357                     | 22.146 | 22.135 | 22.191 | VV | 1579 | 31237    | 0.44% | 0.067% |
| 358                     | 22.284 | 22.191 | 22.296 | PV | 462  | 5586     | 0.08% | 0.012% |
| Sum of corrected areas: |        |        |        |    |      | 46512655 |       |        |

Aliphatic EPH 062725.M Tue Jul 08 05:06:47 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE070725AL\  
 Data File : FE054716.D  
 Signal(s) : FID1B.ch  
 Acq On : 07 Jul 2025 21:36  
 Operator : YP\AJ  
 Sample : Q2503-04  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 GCAP3

A  
B  
C  
D  
E  
F  
G  
H  
I  
J

Integration File: autoint1.e  
 Quant Time: Jul 08 03:33:21 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 062725.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jun 27 15:19:13 2025  
 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)    | 12.082 | 5655103    | 34.823 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 69.65%       |
| 12) S 1-chlorooctadecane (S... | 13.518 | 4508826    | 35.701 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 71.40%       |

Target Compounds

(f)=RT Delta > 1/2 Window

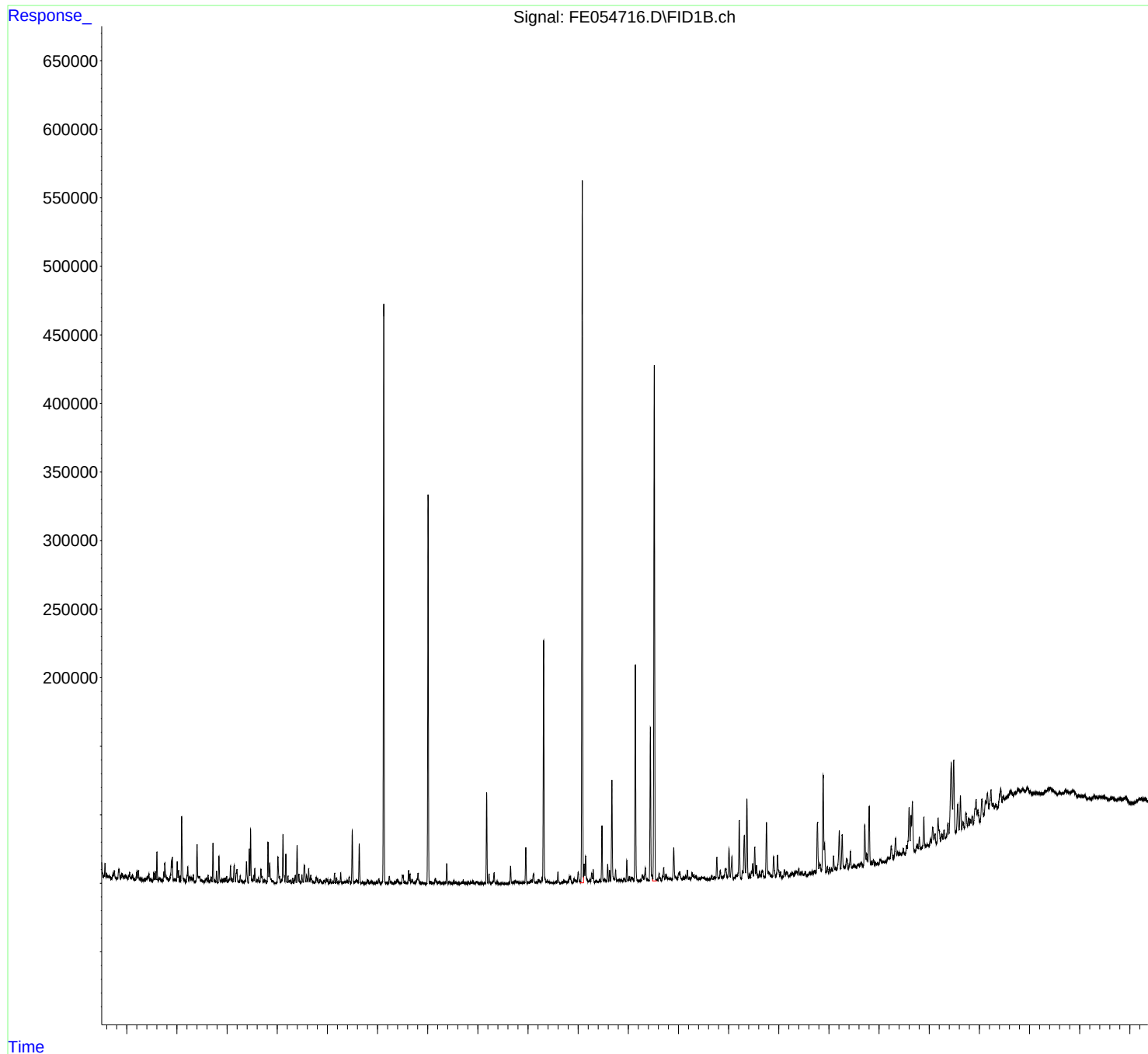
(m)=manual int.

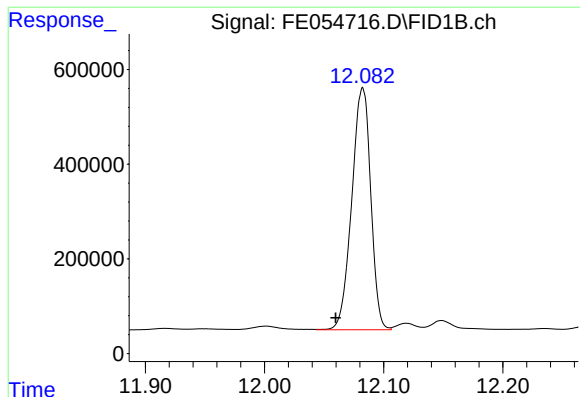
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE070725AL\  
Data File : FE054716.D  
Signal(s) : FID1B.ch  
Acq On : 07 Jul 2025 21:36  
Operator : YP\AJ  
Sample : Q2503-04  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
FID\_E  
ClientSampleId :  
GCAP3

Integration File: autoint1.e  
Quant Time: Jul 08 03:33:21 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 062725.M  
Quant Title : GC Extractables  
QLast Update : Fri Jun 27 15:19:13 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

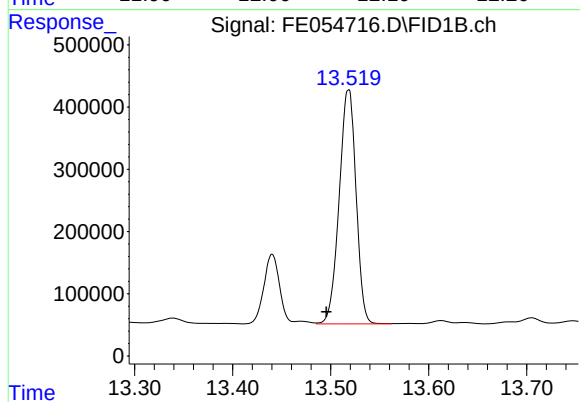




#9 ortho-Terphenyl (SURR)

R.T.: 12.082 min  
Delta R.T.: 0.022 min  
Response: 5655103  
Conc: 34.82 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
GCAP3



#12 1-chlorooctadecane (SURR)

R.T.: 13.518 min  
Delta R.T.: 0.023 min  
Response: 4508826  
Conc: 35.70 ug/ml



rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE070725AL\  
 Data File : FE054716.D  
 Signal(s) : FID1B.ch  
 Acq On : 07 Jul 2025 21:36  
 Sample : Q2503-04  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 062725.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         | 2.845       | 2.804        | 2.873      | BV       | 6712           | 115413       | 2.04%          | 0.145%        |
| 2         | 2.900       | 2.873        | 2.944      | VV       | 4110           | 84377        | 1.49%          | 0.106%        |
| 3         | 2.969       | 2.944        | 2.987      | VV       | 2908           | 54630        | 0.97%          | 0.069%        |
| 4         | 2.999       | 2.987        | 3.018      | VV       | 2258           | 23173        | 0.41%          | 0.029%        |
| 5         | 3.056       | 3.018        | 3.081      | VV       | 5172           | 85571        | 1.51%          | 0.108%        |
| 6         | 3.113       | 3.081        | 3.169      | VV       | 3822           | 67054        | 1.19%          | 0.084%        |
| 7         | 3.202       | 3.169        | 3.217      | PV       | 5724           | 83097        | 1.47%          | 0.105%        |
| 8         | 3.231       | 3.217        | 3.254      | VV       | 7033           | 74078        | 1.31%          | 0.093%        |
| 9         | 3.285       | 3.254        | 3.327      | VV       | 1323           | 31374        | 0.55%          | 0.040%        |
| 10        | 3.351       | 3.327        | 3.367      | VV       | 1140           | 13404        | 0.24%          | 0.017%        |
| 11        | 3.388       | 3.367        | 3.400      | VV       | 1701           | 23395        | 0.41%          | 0.029%        |
| 12        | 3.419       | 3.400        | 3.428      | VV       | 3324           | 40458        | 0.72%          | 0.051%        |
| 13        | 3.441       | 3.428        | 3.460      | VV       | 5279           | 60461        | 1.07%          | 0.076%        |
| 14        | 3.474       | 3.460        | 3.510      | VV       | 1610           | 27734        | 0.49%          | 0.035%        |
| 15        | 3.538       | 3.510        | 3.552      | PV       | 6024           | 65203        | 1.15%          | 0.082%        |
| 16        | 3.568       | 3.552        | 3.583      | VV       | 7183           | 76423        | 1.35%          | 0.096%        |
| 17        | 3.601       | 3.583        | 3.623      | VV       | 21534          | 205838       | 3.64%          | 0.259%        |
| 18        | 3.647       | 3.623        | 3.659      | VV       | 2095           | 35552        | 0.63%          | 0.045%        |
| 19        | 3.668       | 3.659        | 3.688      | VV       | 1801           | 21497        | 0.38%          | 0.027%        |
| 20        | 3.707       | 3.688        | 3.720      | VV       | 1521           | 18251        | 0.32%          | 0.023%        |
| 21        | 3.739       | 3.720        | 3.748      | VV       | 7303           | 69798        | 1.23%          | 0.088%        |
| 22        | 3.759       | 3.748        | 3.834      | VV       | 12700          | 225884       | 3.99%          | 0.285%        |
| 23        | 3.908       | 3.834        | 3.940      | VV       | 18058          | 407287       | 7.20%          | 0.513%        |
| 24        | 3.955       | 3.940        | 3.986      | VV       | 2440           | 44879        | 0.79%          | 0.057%        |
| 25        | 4.006       | 3.986        | 4.021      | VV       | 14812          | 147725       | 2.61%          | 0.186%        |
| 26        | 4.032       | 4.021        | 4.049      | VV       | 8395           | 81660        | 1.44%          | 0.103%        |
| 27        | 4.064       | 4.049        | 4.076      | VV       | 4297           | 41853        | 0.74%          | 0.053%        |
| 28        | 4.095       | 4.076        | 4.173      | VV       | 47680          | 599578       | 10.60%         | 0.755%        |
| 29        | 4.216       | 4.173        | 4.234      | PV       | 11420          | 153972       | 2.72%          | 0.194%        |
| 30        | 4.255       | 4.234        | 4.273      | VV       | 3822           | 71500        | 1.26%          | 0.090%        |
| 31        | 4.285       | 4.273        | 4.307      | VV       | 3568           | 54600        | 0.97%          | 0.069%        |
| 32        | 4.326       | 4.307        | 4.353      | VV       | 5407           | 66907        | 1.18%          | 0.084%        |
| 33        | 4.401       | 4.353        | 4.431      | VV       | 27681          | 324056       | 5.73%          | 0.408%        |
| 34        | 4.450       | 4.431        | 4.481      | VV       | 4340           | 84742        | 1.50%          | 0.107%        |
| 35        | 4.491       | 4.481        | 4.546      | VV       | 1965           | 38619        | 0.68%          | 0.049%        |
| 36        | 4.587       | 4.546        | 4.603      | VV       | 3392           | 63775        | 1.13%          | 0.080%        |

|    |       |       |       |    | rterres |        |       |        |
|----|-------|-------|-------|----|---------|--------|-------|--------|
| 37 | 4.621 | 4.603 | 4.646 | VV | 5474    | 65712  | 1.16% | 0.083% |
| 38 | 4.679 | 4.646 | 4.696 | VV | 4163    | 62344  | 1.10% | 0.079% |
| 39 | 4.719 | 4.696 | 4.741 | VV | 28984   | 284599 | 5.03% | 0.359% |
| 40 | 4.754 | 4.741 | 4.771 | VV | 1962    | 24798  | 0.44% | 0.031% |
| 41 | 4.790 | 4.771 | 4.818 | VV | 8620    | 84945  | 1.50% | 0.107% |
| 42 | 4.838 | 4.818 | 4.878 | PV | 19477   | 220746 | 3.90% | 0.278% |
| 43 | 4.897 | 4.878 | 4.915 | VV | 2713    | 40699  | 0.72% | 0.051% |
| 44 | 4.935 | 4.915 | 4.951 | VV | 2726    | 39844  | 0.70% | 0.050% |
| 45 | 4.964 | 4.951 | 4.976 | VV | 3624    | 36222  | 0.64% | 0.046% |
| 46 | 4.991 | 4.976 | 5.010 | VV | 4591    | 49514  | 0.88% | 0.062% |
| 47 | 5.068 | 5.010 | 5.086 | VV | 12426   | 171126 | 3.03% | 0.216% |
| 48 | 5.097 | 5.086 | 5.112 | VV | 3177    | 33596  | 0.59% | 0.042% |
| 49 | 5.142 | 5.112 | 5.165 | VV | 12765   | 192926 | 3.41% | 0.243% |
| 50 | 5.196 | 5.165 | 5.238 | VV | 9890    | 177764 | 3.14% | 0.224% |
| 51 | 5.262 | 5.238 | 5.282 | VV | 5187    | 62031  | 1.10% | 0.078% |
| 52 | 5.294 | 5.282 | 5.316 | VV | 1705    | 24996  | 0.44% | 0.031% |
| 53 | 5.333 | 5.316 | 5.343 | VV | 1127    | 13402  | 0.24% | 0.017% |
| 54 | 5.387 | 5.343 | 5.418 | VV | 15454   | 209562 | 3.70% | 0.264% |
| 55 | 5.441 | 5.418 | 5.454 | VV | 24823   | 239483 | 4.23% | 0.302% |
| 56 | 5.469 | 5.454 | 5.511 | VV | 39289   | 409469 | 7.24% | 0.516% |
| 57 | 5.527 | 5.511 | 5.538 | VV | 5500    | 53592  | 0.95% | 0.068% |
| 58 | 5.552 | 5.538 | 5.578 | VV | 10764   | 118810 | 2.10% | 0.150% |
| 59 | 5.596 | 5.578 | 5.608 | VV | 2285    | 30140  | 0.53% | 0.038% |
| 60 | 5.622 | 5.608 | 5.644 | VV | 3526    | 42208  | 0.75% | 0.053% |
| 61 | 5.675 | 5.644 | 5.716 | VV | 10310   | 177986 | 3.15% | 0.224% |
| 62 | 5.740 | 5.716 | 5.780 | VV | 2537    | 55413  | 0.98% | 0.070% |
| 63 | 5.817 | 5.780 | 5.834 | VV | 29749   | 316446 | 5.59% | 0.399% |
| 64 | 5.851 | 5.834 | 5.899 | VV | 14519   | 212048 | 3.75% | 0.267% |
| 65 | 5.911 | 5.899 | 5.938 | VV | 1939    | 25437  | 0.45% | 0.032% |
| 66 | 5.949 | 5.938 | 5.968 | VV | 414     | 5541   | 0.10% | 0.007% |
| 67 | 6.014 | 5.968 | 6.065 | PV | 19341   | 297088 | 5.25% | 0.374% |
| 68 | 6.084 | 6.065 | 6.093 | VV | 2690    | 30971  | 0.55% | 0.039% |
| 69 | 6.115 | 6.093 | 6.153 | VV | 35386   | 416838 | 7.37% | 0.525% |
| 70 | 6.172 | 6.153 | 6.196 | VV | 21349   | 209784 | 3.71% | 0.264% |
| 71 | 6.213 | 6.196 | 6.229 | VV | 5249    | 52549  | 0.93% | 0.066% |
| 72 | 6.253 | 6.229 | 6.283 | VV | 2239    | 49482  | 0.87% | 0.062% |
| 73 | 6.305 | 6.283 | 6.325 | VV | 3717    | 43683  | 0.77% | 0.055% |
| 74 | 6.360 | 6.325 | 6.376 | VV | 5941    | 86715  | 1.53% | 0.109% |
| 75 | 6.396 | 6.376 | 6.416 | VV | 27603   | 269206 | 4.76% | 0.339% |
| 76 | 6.431 | 6.416 | 6.464 | VV | 6644    | 83356  | 1.47% | 0.105% |
| 77 | 6.492 | 6.464 | 6.518 | VV | 5988    | 76874  | 1.36% | 0.097% |
| 78 | 6.540 | 6.518 | 6.568 | VV | 12838   | 217545 | 3.85% | 0.274% |
| 79 | 6.584 | 6.568 | 6.611 | VV | 5950    | 85201  | 1.51% | 0.107% |
| 80 | 6.626 | 6.611 | 6.644 | VV | 10881   | 110307 | 1.95% | 0.139% |
| 81 | 6.667 | 6.644 | 6.702 | VV | 6024    | 109906 | 1.94% | 0.138% |
| 82 | 6.712 | 6.702 | 6.744 | VV | 1519    | 19754  | 0.35% | 0.025% |
| 83 | 6.775 | 6.744 | 6.796 | VV | 4407    | 74971  | 1.33% | 0.094% |
| 84 | 6.804 | 6.796 | 6.827 | VV | 2562    | 35146  | 0.62% | 0.044% |
| 85 | 6.853 | 6.827 | 6.898 | VV | 3066    | 57414  | 1.02% | 0.072% |
| 86 | 6.932 | 6.898 | 6.955 | VV | 2344    | 38153  | 0.67% | 0.048% |
| 87 | 6.974 | 6.955 | 6.994 | VV | 3305    | 54293  | 0.96% | 0.068% |
| 88 | 7.006 | 6.994 | 7.025 | VV | 2760    | 28636  | 0.51% | 0.036% |
| 89 | 7.058 | 7.025 | 7.087 | VV | 2936    | 39870  | 0.70% | 0.050% |

|     |       |       |       |    | rteres |        |       |        |
|-----|-------|-------|-------|----|--------|--------|-------|--------|
| 90  | 7.110 | 7.087 | 7.123 | VV | 1558   | 18154  | 0.32% | 0.023% |
| 91  | 7.143 | 7.123 | 7.162 | VV | 7480   | 74390  | 1.32% | 0.094% |
| 92  | 7.181 | 7.162 | 7.203 | VV | 4076   | 42653  | 0.75% | 0.054% |
| 93  | 7.219 | 7.203 | 7.234 | VV | 872    | 12544  | 0.22% | 0.016% |
| 94  | 7.266 | 7.234 | 7.290 | VV | 7131   | 85589  | 1.51% | 0.108% |
| 95  | 7.304 | 7.290 | 7.324 | VV | 1379   | 16101  | 0.28% | 0.020% |
| 96  | 7.341 | 7.324 | 7.362 | VV | 1640   | 24799  | 0.44% | 0.031% |
| 97  | 7.392 | 7.362 | 7.414 | VV | 2205   | 40178  | 0.71% | 0.051% |
| 98  | 7.433 | 7.414 | 7.466 | VV | 4638   | 62504  | 1.10% | 0.079% |
| 99  | 7.496 | 7.466 | 7.531 | VV | 38344  | 408684 | 7.23% | 0.515% |
| 100 | 7.580 | 7.531 | 7.613 | VV | 2763   | 76668  | 1.36% | 0.097% |
| 101 | 7.635 | 7.613 | 7.669 | VV | 29124  | 304446 | 5.38% | 0.384% |
| 102 | 7.703 | 7.669 | 7.727 | VV | 1193   | 21380  | 0.38% | 0.027% |
| 103 | 7.740 | 7.727 | 7.750 | VV | 347    | 2365   | 0.04% | 0.003% |
| 104 | 7.766 | 7.750 | 7.774 | VV | 586    | 5639   | 0.10% | 0.007% |
| 105 | 7.805 | 7.774 | 7.836 | VV | 2685   | 45020  | 0.80% | 0.057% |
| 106 | 7.855 | 7.836 | 7.873 | VV | 1176   | 19531  | 0.35% | 0.025% |
| 107 | 7.889 | 7.873 | 7.912 | VV | 1617   | 23351  | 0.41% | 0.029% |
| 108 | 7.927 | 7.912 | 7.961 | VV | 437    | 7055   | 0.12% | 0.009% |
| 109 | 7.987 | 7.961 | 8.004 | VV | 1178   | 18529  | 0.33% | 0.023% |
| 110 | 8.024 | 8.004 | 8.074 | VV | 3705   | 51506  | 0.91% | 0.065% |
| 111 | 8.177 | 8.164 | 8.204 | VV | 1035   | 15071  | 0.27% | 0.019% |
| 112 | 8.235 | 8.204 | 8.256 | VV | 5296   | 75387  | 1.33% | 0.095% |
| 113 | 8.267 | 8.256 | 8.294 | VV | 1421   | 17582  | 0.31% | 0.022% |
| 114 | 8.307 | 8.294 | 8.321 | VV | 344    | 4681   | 0.08% | 0.006% |
| 115 | 8.342 | 8.321 | 8.360 | VV | 1282   | 16973  | 0.30% | 0.021% |
| 116 | 8.399 | 8.360 | 8.431 | VV | 3094   | 64099  | 1.13% | 0.081% |
| 117 | 8.446 | 8.431 | 8.471 | VV | 773    | 12053  | 0.21% | 0.015% |
| 118 | 8.498 | 8.471 | 8.531 | VV | 5914   | 114118 | 2.02% | 0.144% |
| 119 | 8.545 | 8.531 | 8.564 | VV | 1634   | 19356  | 0.34% | 0.024% |
| 120 | 8.581 | 8.564 | 8.592 | VV | 758    | 9891   | 0.17% | 0.012% |
| 121 | 8.619 | 8.592 | 8.634 | VV | 9595   | 106881 | 1.89% | 0.135% |
| 122 | 8.646 | 8.634 | 8.665 | VV | 7106   | 71708  | 1.27% | 0.090% |
| 123 | 8.687 | 8.665 | 8.724 | VV | 2869   | 54410  | 0.96% | 0.069% |
| 124 | 8.744 | 8.724 | 8.755 | VV | 766    | 10870  | 0.19% | 0.014% |
| 125 | 8.806 | 8.755 | 8.851 | VV | 7654   | 160405 | 2.84% | 0.202% |
| 126 | 8.856 | 8.851 | 8.877 | VV | 749    | 7661   | 0.14% | 0.010% |
| 127 | 8.897 | 8.877 | 8.912 | VV | 1211   | 13705  | 0.24% | 0.017% |
| 128 | 8.920 | 8.912 | 8.934 | VV | 562    | 5811   | 0.10% | 0.007% |
| 129 | 8.944 | 8.934 | 8.964 | VV | 424    | 3755   | 0.07% | 0.005% |
| 130 | 9.054 | 9.037 | 9.094 | VV | 1954   | 31833  | 0.56% | 0.040% |
| 131 | 9.102 | 9.094 | 9.123 | VV | 653    | 8599   | 0.15% | 0.011% |
| 132 | 9.151 | 9.123 | 9.197 | VV | 3634   | 69231  | 1.22% | 0.087% |
| 133 | 9.221 | 9.197 | 9.264 | VV | 1576   | 39533  | 0.70% | 0.050% |
| 134 | 9.279 | 9.264 | 9.298 | VV | 702    | 10858  | 0.19% | 0.014% |
| 135 | 9.319 | 9.298 | 9.331 | VV | 743    | 9207   | 0.16% | 0.012% |
| 136 | 9.347 | 9.331 | 9.357 | VV | 1108   | 11602  | 0.21% | 0.015% |
| 137 | 9.380 | 9.357 | 9.404 | VV | 14497  | 149972 | 2.65% | 0.189% |
| 138 | 9.424 | 9.404 | 9.461 | VV | 1526   | 32372  | 0.57% | 0.041% |
| 139 | 9.472 | 9.461 | 9.494 | VV | 711    | 9819   | 0.17% | 0.012% |
| 140 | 9.520 | 9.494 | 9.541 | VV | 2475   | 30055  | 0.53% | 0.038% |
| 141 | 9.559 | 9.541 | 9.596 | VV | 1401   | 21636  | 0.38% | 0.027% |

|     |        |        |        |    | rteres |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
| 142 | 9.615  | 9.596  | 9.637  | VV | 314    | 4923    | 0.09%   | 0.006% |
| 143 | 9.676  | 9.637  | 9.694  | VV | 1086   | 17444   | 0.31%   | 0.022% |
| 144 | 9.710  | 9.694  | 9.738  | VV | 2194   | 27462   | 0.49%   | 0.035% |
| 145 | 9.760  | 9.738  | 9.776  | VV | 628    | 9927    | 0.18%   | 0.013% |
| 146 | 9.812  | 9.776  | 9.834  | VV | 1301   | 20890   | 0.37%   | 0.026% |
| 147 | 9.853  | 9.834  | 9.879  | VV | 1573   | 22193   | 0.39%   | 0.028% |
| 148 | 9.899  | 9.879  | 9.932  | VV | 2381   | 33501   | 0.59%   | 0.042% |
| 149 | 9.976  | 9.932  | 9.988  | VV | 1614   | 29922   | 0.53%   | 0.038% |
| 150 | 9.996  | 9.988  | 10.028 | VV | 1381   | 17379   | 0.31%   | 0.022% |
| 151 | 10.049 | 10.028 | 10.060 | VV | 605    | 7772    | 0.14%   | 0.010% |
| 152 | 10.077 | 10.060 | 10.118 | VV | 1147   | 17236   | 0.30%   | 0.022% |
| 153 | 10.176 | 10.118 | 10.202 | VV | 67009  | 685467  | 12.12%  | 0.864% |
| 154 | 10.222 | 10.202 | 10.258 | VV | 7175   | 88392   | 1.56%   | 0.111% |
| 155 | 10.268 | 10.258 | 10.276 | VV | 652    | 6356    | 0.11%   | 0.008% |
| 156 | 10.323 | 10.276 | 10.361 | VV | 8144   | 126742  | 2.24%   | 0.160% |
| 157 | 10.386 | 10.361 | 10.453 | VV | 1605   | 28333   | 0.50%   | 0.036% |
| 158 | 10.479 | 10.453 | 10.510 | PV | 397    | 7448    | 0.13%   | 0.009% |
| 159 | 10.528 | 10.510 | 10.548 | VV | 312    | 4584    | 0.08%   | 0.006% |
| 160 | 10.562 | 10.548 | 10.579 | VV | 294    | 4134    | 0.07%   | 0.005% |
| 161 | 10.587 | 10.579 | 10.601 | VV | 195    | 2233    | 0.04%   | 0.003% |
| 162 | 10.653 | 10.601 | 10.677 | VV | 12650  | 144201  | 2.55%   | 0.182% |
| 163 | 10.692 | 10.677 | 10.710 | VV | 1142   | 17624   | 0.31%   | 0.022% |
| 164 | 10.743 | 10.710 | 10.771 | VV | 2056   | 50337   | 0.89%   | 0.063% |
| 165 | 10.787 | 10.771 | 10.814 | VV | 1565   | 25739   | 0.46%   | 0.032% |
| 166 | 10.826 | 10.814 | 10.842 | VV | 613    | 8888    | 0.16%   | 0.011% |
| 167 | 10.859 | 10.842 | 10.873 | VV | 824    | 10799   | 0.19%   | 0.014% |
| 168 | 10.905 | 10.873 | 10.923 | VV | 1500   | 24423   | 0.43%   | 0.031% |
| 169 | 10.956 | 10.923 | 10.984 | VV | 26082  | 285268  | 5.04%   | 0.359% |
| 170 | 11.003 | 10.984 | 11.025 | VV | 1217   | 18856   | 0.33%   | 0.024% |
| 171 | 11.047 | 11.025 | 11.061 | VV | 2120   | 27059   | 0.48%   | 0.034% |
| 172 | 11.075 | 11.061 | 11.087 | VV | 3020   | 32993   | 0.58%   | 0.042% |
| 173 | 11.108 | 11.087 | 11.143 | VV | 6928   | 116907  | 2.07%   | 0.147% |
| 174 | 11.173 | 11.143 | 11.189 | VV | 1119   | 22183   | 0.39%   | 0.028% |
| 175 | 11.208 | 11.189 | 11.257 | VV | 2684   | 65432   | 1.16%   | 0.082% |
| 176 | 11.312 | 11.257 | 11.371 | VV | 175213 | 1919347 | 33.93%  | 2.418% |
| 177 | 11.386 | 11.371 | 11.402 | VV | 1845   | 23996   | 0.42%   | 0.030% |
| 178 | 11.414 | 11.402 | 11.428 | VV | 1076   | 13560   | 0.24%   | 0.017% |
| 179 | 11.443 | 11.428 | 11.453 | VV | 886    | 11426   | 0.20%   | 0.014% |
| 180 | 11.470 | 11.453 | 11.491 | VV | 920    | 15821   | 0.28%   | 0.020% |
| 181 | 11.508 | 11.491 | 11.528 | VV | 479    | 8241    | 0.15%   | 0.010% |
| 182 | 11.558 | 11.528 | 11.578 | VV | 1607   | 22808   | 0.40%   | 0.029% |
| 183 | 11.597 | 11.578 | 11.650 | VV | 8142   | 98583   | 1.74%   | 0.124% |
| 184 | 11.683 | 11.650 | 11.700 | PV | 1137   | 17687   | 0.31%   | 0.022% |
| 185 | 11.721 | 11.700 | 11.738 | VV | 1667   | 25844   | 0.46%   | 0.033% |
| 186 | 11.754 | 11.738 | 11.772 | VV | 1626   | 22191   | 0.39%   | 0.028% |
| 187 | 11.824 | 11.772 | 11.836 | VV | 4775   | 77889   | 1.38%   | 0.098% |
| 188 | 11.848 | 11.836 | 11.888 | VV | 4803   | 62025   | 1.10%   | 0.078% |
| 189 | 11.917 | 11.888 | 11.935 | PV | 3147   | 44778   | 0.79%   | 0.056% |
| 190 | 11.949 | 11.935 | 11.975 | VV | 2221   | 36322   | 0.64%   | 0.046% |
| 191 | 12.001 | 11.975 | 12.043 | VV | 7803   | 127645  | 2.26%   | 0.161% |
| 192 | 12.082 | 12.043 | 12.106 | VV | 510085 | 5656467 | 100.00% | 7.126% |
| 193 | 12.119 | 12.106 | 12.133 | VV | 13780  | 151495  | 2.68%   | 0.191% |
| 194 | 12.149 | 12.133 | 12.204 | VV | 19451  | 267156  | 4.72%   | 0.337% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 195 | 12.235 | 12.204 | 12.250 | VV | 2492   | 39071   | 0.69%  | 0.049% |
| 196 | 12.269 | 12.250 | 12.284 | VV | 6666   | 83362   | 1.47%  | 0.105% |
| 197 | 12.300 | 12.284 | 12.327 | VV | 9329   | 105464  | 1.86%  | 0.133% |
| 198 | 12.363 | 12.327 | 12.398 | VV | 1225   | 30292   | 0.54%  | 0.038% |
| 199 | 12.426 | 12.398 | 12.451 | VV | 1988   | 34522   | 0.61%  | 0.043% |
| 200 | 12.475 | 12.451 | 12.503 | VV | 40911  | 445363  | 7.87%  | 0.561% |
| 201 | 12.523 | 12.503 | 12.564 | VV | 2344   | 55373   | 0.98%  | 0.070% |
| 202 | 12.589 | 12.564 | 12.610 | VV | 13046  | 148265  | 2.62%  | 0.187% |
| 203 | 12.627 | 12.610 | 12.647 | VV | 8386   | 92719   | 1.64%  | 0.117% |
| 204 | 12.673 | 12.647 | 12.722 | VV | 74458  | 873293  | 15.44% | 1.100% |
| 205 | 12.746 | 12.722 | 12.775 | VV | 8377   | 113572  | 2.01%  | 0.143% |
| 206 | 12.794 | 12.775 | 12.804 | VV | 1697   | 23458   | 0.41%  | 0.030% |
| 207 | 12.818 | 12.804 | 12.832 | VV | 1920   | 25155   | 0.44%  | 0.032% |
| 208 | 12.841 | 12.832 | 12.855 | VV | 1315   | 16558   | 0.29%  | 0.021% |
| 209 | 12.864 | 12.855 | 12.889 | VV | 1171   | 17603   | 0.31%  | 0.022% |
| 210 | 12.911 | 12.889 | 12.946 | VV | 2541   | 47481   | 0.84%  | 0.060% |
| 211 | 12.970 | 12.946 | 12.994 | VV | 15364  | 170845  | 3.02%  | 0.215% |
| 212 | 13.021 | 12.994 | 13.041 | VV | 3835   | 60790   | 1.07%  | 0.077% |
| 213 | 13.065 | 13.041 | 13.111 | VV | 3303   | 79547   | 1.41%  | 0.100% |
| 214 | 13.140 | 13.111 | 13.185 | VV | 158255 | 1764331 | 31.19% | 2.223% |
| 215 | 13.200 | 13.185 | 13.218 | VV | 1000   | 10239   | 0.18%  | 0.013% |
| 216 | 13.238 | 13.218 | 13.248 | PV | 609    | 7983    | 0.14%  | 0.010% |
| 217 | 13.277 | 13.248 | 13.310 | VV | 4617   | 91770   | 1.62%  | 0.116% |
| 218 | 13.339 | 13.310 | 13.410 | VV | 9589   | 186802  | 3.30%  | 0.235% |
| 219 | 13.440 | 13.410 | 13.488 | VV | 112148 | 1291674 | 22.84% | 1.627% |
| 220 | 13.518 | 13.488 | 13.566 | VV | 377649 | 4514092 | 79.80% | 5.687% |
| 221 | 13.580 | 13.566 | 13.594 | VV | 802    | 10545   | 0.19%  | 0.013% |
| 222 | 13.612 | 13.594 | 13.629 | VV | 5340   | 63334   | 1.12%  | 0.080% |
| 223 | 13.636 | 13.629 | 13.658 | VV | 2265   | 23227   | 0.41%  | 0.029% |
| 224 | 13.705 | 13.658 | 13.727 | VV | 9685   | 156365  | 2.76%  | 0.197% |
| 225 | 13.747 | 13.727 | 13.793 | VV | 4895   | 104323  | 1.84%  | 0.131% |
| 226 | 13.809 | 13.793 | 13.825 | VV | 1853   | 29634   | 0.52%  | 0.037% |
| 227 | 13.839 | 13.825 | 13.864 | VV | 1616   | 27057   | 0.48%  | 0.034% |
| 228 | 13.906 | 13.864 | 13.978 | VV | 23949  | 385343  | 6.81%  | 0.485% |
| 229 | 14.005 | 13.978 | 14.014 | VV | 5299   | 77748   | 1.37%  | 0.098% |
| 230 | 14.027 | 14.014 | 14.073 | VV | 6234   | 110040  | 1.95%  | 0.139% |
| 231 | 14.096 | 14.073 | 14.114 | VV | 2633   | 35367   | 0.63%  | 0.045% |
| 232 | 14.140 | 14.114 | 14.156 | VV | 3288   | 51583   | 0.91%  | 0.065% |
| 233 | 14.177 | 14.156 | 14.199 | VV | 7349   | 97064   | 1.72%  | 0.122% |
| 234 | 14.217 | 14.199 | 14.237 | VV | 1870   | 27163   | 0.48%  | 0.034% |
| 235 | 14.270 | 14.237 | 14.295 | VV | 5548   | 101597  | 1.80%  | 0.128% |
| 236 | 14.308 | 14.295 | 14.328 | VV | 4236   | 56440   | 1.00%  | 0.071% |
| 237 | 14.349 | 14.328 | 14.388 | VV | 3332   | 61834   | 1.09%  | 0.078% |
| 238 | 14.423 | 14.388 | 14.438 | VV | 1352   | 25690   | 0.45%  | 0.032% |
| 239 | 14.459 | 14.438 | 14.500 | VV | 1681   | 50682   | 0.90%  | 0.064% |
| 240 | 14.513 | 14.500 | 14.542 | VV | 1596   | 24794   | 0.44%  | 0.031% |
| 241 | 14.579 | 14.542 | 14.603 | VV | 703    | 15239   | 0.27%  | 0.019% |
| 242 | 14.616 | 14.603 | 14.624 | PV | 347    | 2190    | 0.04%  | 0.003% |
| 243 | 14.662 | 14.624 | 14.685 | VV | 2586   | 38322   | 0.68%  | 0.048% |
| 244 | 14.715 | 14.685 | 14.739 | VV | 1815   | 39686   | 0.70%  | 0.050% |
| 245 | 14.765 | 14.739 | 14.798 | VV | 16249  | 207856  | 3.67%  | 0.262% |
| 246 | 14.834 | 14.798 | 14.858 | VV | 6302   | 100940  | 1.78%  | 0.127% |

| rteres |        |        |        |    |       |         |        |        |
|--------|--------|--------|--------|----|-------|---------|--------|--------|
| 247    | 14.869 | 14.858 | 14.888 | VV | 1845  | 26941   | 0.48%  | 0.034% |
| 248    | 14.934 | 14.888 | 14.976 | VV | 7629  | 212327  | 3.75%  | 0.267% |
| 249    | 15.008 | 14.976 | 15.033 | VV | 22107 | 314122  | 5.55%  | 0.396% |
| 250    | 15.067 | 15.033 | 15.098 | VV | 16245 | 272360  | 4.82%  | 0.343% |
| 251    | 15.159 | 15.098 | 15.171 | VV | 2545  | 67667   | 1.20%  | 0.085% |
| 252    | 15.212 | 15.171 | 15.249 | VV | 42258 | 581248  | 10.28% | 0.732% |
| 253    | 15.278 | 15.249 | 15.286 | PV | 5606  | 67126   | 1.19%  | 0.085% |
| 254    | 15.312 | 15.286 | 15.337 | VV | 31220 | 494302  | 8.74%  | 0.623% |
| 255    | 15.365 | 15.337 | 15.395 | VV | 58389 | 746176  | 13.19% | 0.940% |
| 256    | 15.415 | 15.395 | 15.435 | VV | 2902  | 41386   | 0.73%  | 0.052% |
| 257    | 15.478 | 15.435 | 15.497 | VV | 10731 | 187896  | 3.32%  | 0.237% |
| 258    | 15.521 | 15.497 | 15.540 | VV | 22958 | 298382  | 5.28%  | 0.376% |
| 259    | 15.555 | 15.540 | 15.592 | VV | 9536  | 144512  | 2.55%  | 0.182% |
| 260    | 15.618 | 15.592 | 15.640 | VV | 4290  | 71484   | 1.26%  | 0.090% |
| 261    | 15.675 | 15.640 | 15.721 | VV | 5366  | 128887  | 2.28%  | 0.162% |
| 262    | 15.755 | 15.721 | 15.788 | VV | 40607 | 596516  | 10.55% | 0.751% |
| 263    | 15.797 | 15.788 | 15.840 | VV | 4374  | 94965   | 1.68%  | 0.120% |
| 264    | 15.854 | 15.840 | 15.871 | VV | 1893  | 27093   | 0.48%  | 0.034% |
| 265    | 15.898 | 15.871 | 15.935 | VV | 15381 | 252416  | 4.46%  | 0.318% |
| 266    | 15.976 | 15.935 | 16.018 | VV | 16314 | 288871  | 5.11%  | 0.364% |
| 267    | 16.034 | 16.018 | 16.061 | VV | 4190  | 52302   | 0.92%  | 0.066% |
| 268    | 16.110 | 16.061 | 16.131 | PV | 5432  | 80491   | 1.42%  | 0.101% |
| 269    | 16.157 | 16.131 | 16.191 | VV | 4104  | 94845   | 1.68%  | 0.119% |
| 270    | 16.239 | 16.191 | 16.250 | VV | 1875  | 39563   | 0.70%  | 0.050% |
| 271    | 16.273 | 16.250 | 16.301 | VV | 3068  | 61925   | 1.09%  | 0.078% |
| 272    | 16.322 | 16.301 | 16.334 | VV | 2864  | 39518   | 0.70%  | 0.050% |
| 273    | 16.351 | 16.334 | 16.381 | VV | 4027  | 87415   | 1.55%  | 0.110% |
| 274    | 16.399 | 16.381 | 16.419 | VV | 5561  | 77406   | 1.37%  | 0.098% |
| 275    | 16.436 | 16.419 | 16.447 | VV | 2598  | 32903   | 0.58%  | 0.041% |
| 276    | 16.462 | 16.447 | 16.490 | VV | 3414  | 48047   | 0.85%  | 0.061% |
| 277    | 16.527 | 16.490 | 16.559 | VV | 3327  | 57261   | 1.01%  | 0.072% |
| 278    | 16.612 | 16.559 | 16.628 | PV | 2363  | 38867   | 0.69%  | 0.049% |
| 279    | 16.637 | 16.628 | 16.647 | VV | 1340  | 13460   | 0.24%  | 0.017% |
| 280    | 16.666 | 16.647 | 16.685 | VV | 2832  | 40210   | 0.71%  | 0.051% |
| 281    | 16.713 | 16.685 | 16.734 | VV | 3053  | 59102   | 1.04%  | 0.074% |
| 282    | 16.771 | 16.734 | 16.800 | VV | 37961 | 573257  | 10.13% | 0.722% |
| 283    | 16.817 | 16.800 | 16.845 | VV | 7297  | 139768  | 2.47%  | 0.176% |
| 284    | 16.886 | 16.845 | 16.906 | VV | 71730 | 1029692 | 18.20% | 1.297% |
| 285    | 16.913 | 16.906 | 16.941 | VV | 22062 | 235926  | 4.17%  | 0.297% |
| 286    | 16.968 | 16.941 | 16.994 | VV | 4476  | 65363   | 1.16%  | 0.082% |
| 287    | 17.016 | 16.994 | 17.035 | PV | 3651  | 43252   | 0.76%  | 0.054% |
| 288    | 17.053 | 17.035 | 17.068 | VV | 2385  | 30114   | 0.53%  | 0.038% |
| 289    | 17.092 | 17.068 | 17.119 | VV | 11627 | 155244  | 2.74%  | 0.196% |
| 290    | 17.135 | 17.119 | 17.154 | VV | 2744  | 41267   | 0.73%  | 0.052% |
| 291    | 17.207 | 17.154 | 17.233 | VV | 29370 | 496966  | 8.79%  | 0.626% |
| 292    | 17.265 | 17.233 | 17.318 | VV | 25978 | 412106  | 7.29%  | 0.519% |
| 293    | 17.353 | 17.318 | 17.386 | VV | 7680  | 173265  | 3.06%  | 0.218% |
| 294    | 17.428 | 17.386 | 17.458 | VV | 12696 | 198905  | 3.52%  | 0.251% |
| 295    | 17.505 | 17.458 | 17.545 | VV | 2631  | 68238   | 1.21%  | 0.086% |
| 296    | 17.584 | 17.545 | 17.608 | VV | 2640  | 53618   | 0.95%  | 0.068% |
| 297    | 17.645 | 17.608 | 17.684 | VV | 2909  | 80905   | 1.43%  | 0.102% |
| 298    | 17.715 | 17.684 | 17.739 | VV | 29847 | 435614  | 7.70%  | 0.549% |
| 299    | 17.754 | 17.739 | 17.775 | VV | 9214  | 148507  | 2.63%  | 0.187% |

| rteres |        |        |        |    |       |         |        |        |
|--------|--------|--------|--------|----|-------|---------|--------|--------|
| 300    | 17.803 | 17.775 | 17.832 | VV | 43707 | 600721  | 10.62% | 0.757% |
| 301    | 17.849 | 17.832 | 17.867 | VV | 2793  | 36729   | 0.65%  | 0.046% |
| 302    | 17.887 | 17.867 | 17.911 | VV | 3739  | 51832   | 0.92%  | 0.065% |
| 303    | 17.932 | 17.911 | 17.950 | VV | 1075  | 15074   | 0.27%  | 0.019% |
| 304    | 17.970 | 17.950 | 17.994 | VV | 672   | 10052   | 0.18%  | 0.013% |
| 305    | 18.017 | 17.994 | 18.051 | PV | 3023  | 65776   | 1.16%  | 0.083% |
| 306    | 18.085 | 18.051 | 18.105 | VV | 1094  | 27922   | 0.49%  | 0.035% |
| 307    | 18.127 | 18.105 | 18.143 | VV | 426   | 6136    | 0.11%  | 0.008% |
| 308    | 18.194 | 18.143 | 18.214 | PV | 2564  | 81302   | 1.44%  | 0.102% |
| 309    | 18.241 | 18.214 | 18.279 | VV | 10729 | 200093  | 3.54%  | 0.252% |
| 310    | 18.330 | 18.279 | 18.353 | VV | 15280 | 296947  | 5.25%  | 0.374% |
| 311    | 18.367 | 18.353 | 18.386 | VV | 5007  | 78145   | 1.38%  | 0.098% |
| 312    | 18.401 | 18.386 | 18.417 | VV | 4419  | 63140   | 1.12%  | 0.080% |
| 313    | 18.429 | 18.417 | 18.444 | VV | 2901  | 42993   | 0.76%  | 0.054% |
| 314    | 18.483 | 18.444 | 18.514 | VV | 6340  | 140701  | 2.49%  | 0.177% |
| 315    | 18.548 | 18.514 | 18.560 | VV | 7587  | 122504  | 2.17%  | 0.154% |
| 316    | 18.599 | 18.560 | 18.619 | VV | 34731 | 620418  | 10.97% | 0.782% |
| 317    | 18.637 | 18.619 | 18.648 | VV | 28541 | 374324  | 6.62%  | 0.472% |
| 318    | 18.664 | 18.648 | 18.709 | VV | 38243 | 627624  | 11.10% | 0.791% |
| 319    | 18.761 | 18.709 | 18.780 | VV | 6398  | 159574  | 2.82%  | 0.201% |
| 320    | 18.803 | 18.780 | 18.829 | VV | 10960 | 178942  | 3.16%  | 0.225% |
| 321    | 18.893 | 18.829 | 18.940 | VV | 24493 | 457623  | 8.09%  | 0.577% |
| 322    | 18.976 | 18.940 | 18.995 | VV | 3570  | 111406  | 1.97%  | 0.140% |
| 323    | 19.023 | 18.995 | 19.040 | VV | 7157  | 132399  | 2.34%  | 0.167% |
| 324    | 19.070 | 19.040 | 19.094 | VV | 15299 | 319368  | 5.65%  | 0.402% |
| 325    | 19.112 | 19.094 | 19.141 | VV | 10035 | 191260  | 3.38%  | 0.241% |
| 326    | 19.177 | 19.141 | 19.226 | VV | 20640 | 503815  | 8.91%  | 0.635% |
| 327    | 19.250 | 19.226 | 19.271 | VV | 8106  | 164137  | 2.90%  | 0.207% |
| 328    | 19.295 | 19.271 | 19.324 | VV | 10619 | 226602  | 4.01%  | 0.285% |
| 329    | 19.374 | 19.324 | 19.393 | VV | 14761 | 357569  | 6.32%  | 0.450% |
| 330    | 19.439 | 19.393 | 19.465 | VV | 57947 | 1434065 | 25.35% | 1.807% |
| 331    | 19.488 | 19.465 | 19.524 | VV | 59660 | 1119568 | 19.79% | 1.410% |
| 332    | 19.567 | 19.524 | 19.596 | VV | 26262 | 614290  | 10.86% | 0.774% |
| 333    | 19.623 | 19.596 | 19.649 | VV | 32172 | 557340  | 9.85%  | 0.702% |
| 334    | 19.672 | 19.649 | 19.700 | VV | 12475 | 313874  | 5.55%  | 0.395% |
| 335    | 19.731 | 19.700 | 19.762 | VV | 18288 | 491251  | 8.68%  | 0.619% |
| 336    | 19.782 | 19.762 | 19.800 | VV | 13725 | 251333  | 4.44%  | 0.317% |
| 337    | 19.817 | 19.800 | 19.833 | VV | 12708 | 219572  | 3.88%  | 0.277% |
| 338    | 19.856 | 19.833 | 19.879 | VV | 14611 | 325336  | 5.75%  | 0.410% |
| 339    | 19.934 | 19.879 | 19.954 | VV | 26045 | 800110  | 14.15% | 1.008% |
| 340    | 19.967 | 19.954 | 20.010 | VV | 17808 | 466567  | 8.25%  | 0.588% |
| 341    | 20.050 | 20.010 | 20.086 | VV | 25172 | 752172  | 13.30% | 0.948% |
| 342    | 20.160 | 20.086 | 20.190 | VV | 27836 | 1282203 | 22.67% | 1.615% |
| 343    | 20.230 | 20.190 | 20.254 | VV | 29711 | 872963  | 15.43% | 1.100% |
| 344    | 20.268 | 20.254 | 20.294 | VV | 19378 | 430722  | 7.61%  | 0.543% |
| 345    | 20.330 | 20.294 | 20.358 | VV | 17991 | 630004  | 11.14% | 0.794% |
| 346    | 20.427 | 20.358 | 20.451 | VV | 28265 | 1186132 | 20.97% | 1.494% |
| 347    | 20.471 | 20.451 | 20.504 | VV | 22191 | 668663  | 11.82% | 0.842% |
| 348    | 20.620 | 20.504 | 20.673 | VV | 24950 | 2230042 | 39.42% | 2.809% |
| 349    | 20.716 | 20.673 | 20.731 | VV | 22248 | 757474  | 13.39% | 0.954% |
| 350    | 20.773 | 20.731 | 20.827 | VV | 24489 | 1323980 | 23.41% | 1.668% |
| 351    | 20.865 | 20.827 | 20.912 | VV | 23556 | 1146583 | 20.27% | 1.444% |



| rteres                  |        |        |        |    |       |         |          |        |  |
|-------------------------|--------|--------|--------|----|-------|---------|----------|--------|--|
| 352                     | 20.955 | 20.912 | 20.998 | VV | 23389 | 1114078 | 19.70%   | 1.404% |  |
| 353                     | 21.011 | 20.998 | 21.061 | VV | 20465 | 717007  | 12.68%   | 0.903% |  |
| 354                     | 21.134 | 21.061 | 21.177 | VV | 17825 | 1219192 | 21.55%   | 1.536% |  |
| 355                     | 21.193 | 21.177 | 21.221 | VV | 16787 | 427058  | 7.55%    | 0.538% |  |
| 356                     | 21.239 | 21.221 | 21.274 | VV | 16194 | 509517  | 9.01%    | 0.642% |  |
| 357                     | 21.389 | 21.274 | 21.397 | VV | 18113 | 1235987 | 21.85%   | 1.557% |  |
| 358                     | 21.417 | 21.397 | 21.454 | VV | 18283 | 589625  | 10.42%   | 0.743% |  |
| 359                     | 21.467 | 21.454 | 21.553 | VV | 16020 | 827377  | 14.63%   | 1.042% |  |
| 360                     | 21.601 | 21.553 | 21.633 | VV | 12776 | 589886  | 10.43%   | 0.743% |  |
| 361                     | 21.653 | 21.633 | 21.674 | VV | 11643 | 278363  | 4.92%    | 0.351% |  |
| 362                     | 21.717 | 21.674 | 21.748 | VV | 13003 | 533050  | 9.42%    | 0.672% |  |
| 363                     | 21.755 | 21.748 | 21.769 | VV | 11493 | 147119  | 2.60%    | 0.185% |  |
| 364                     | 21.777 | 21.769 | 21.811 | VV | 11137 | 267330  | 4.73%    | 0.337% |  |
| 365                     | 21.849 | 21.811 | 21.861 | VV | 10982 | 313780  | 5.55%    | 0.395% |  |
| 366                     | 21.881 | 21.861 | 21.945 | VV | 10988 | 450870  | 7.97%    | 0.568% |  |
| 367                     | 21.962 | 21.945 | 21.971 | VV | 6127  | 96129   | 1.70%    | 0.121% |  |
| 368                     | 21.981 | 21.971 | 21.997 | VV | 5937  | 90668   | 1.60%    | 0.114% |  |
| 369                     | 22.012 | 21.997 | 22.028 | VV | 5503  | 98450   | 1.74%    | 0.124% |  |
| 370                     | 22.057 | 22.028 | 22.078 | VV | 5320  | 151763  | 2.68%    | 0.191% |  |
| 371                     | 22.102 | 22.078 | 22.150 | VV | 5173  | 162785  | 2.88%    | 0.205% |  |
| 372                     | 22.199 | 22.150 | 22.240 | VV | 2300  | 96279   | 1.70%    | 0.121% |  |
| 373                     | 22.290 | 22.240 | 22.318 | VV | 2999  | 84568   | 1.50%    | 0.107% |  |
| 374                     | 22.336 | 22.318 | 22.365 | VV | 1252  | 23520   | 0.42%    | 0.030% |  |
| Sum of corrected areas: |        |        |        |    |       |         | 79376959 |        |  |

Aliphatic EPH 062725.M Tue Jul 08 05:07:27 2025



Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG070725AL\  
Data File : FG016227.D  
Signal(s) : FID1A.ch  
Acq On : 07 Jul 2025 15:02  
Operator : YP\AJ  
Sample : PB168738BL  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
FID\_G  
ClientSampleId :  
PB168738BL

A  
B  
C  
D  
E  
F  
G  
H  
I  
J

Integration File: autoint1.e  
Quant Time: Jul 08 02:23:00 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 061325.M  
Quant Title : GC Extractables  
QLast Update : Mon Jun 16 06:52:22 2025  
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)    | 12.103 | 5903658  | 45.756 ug/ml |
| Spiked Amount                  | 50.000 | Recovery | = 91.51%     |
| 12) S 1-chlorooctadecane (S... | 13.547 | 4722752  | 46.869 ug/ml |
| Spiked Amount                  | 50.000 | Recovery | = 93.74%     |

Target Compounds

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(f)=RT Delta > 1/2 Window

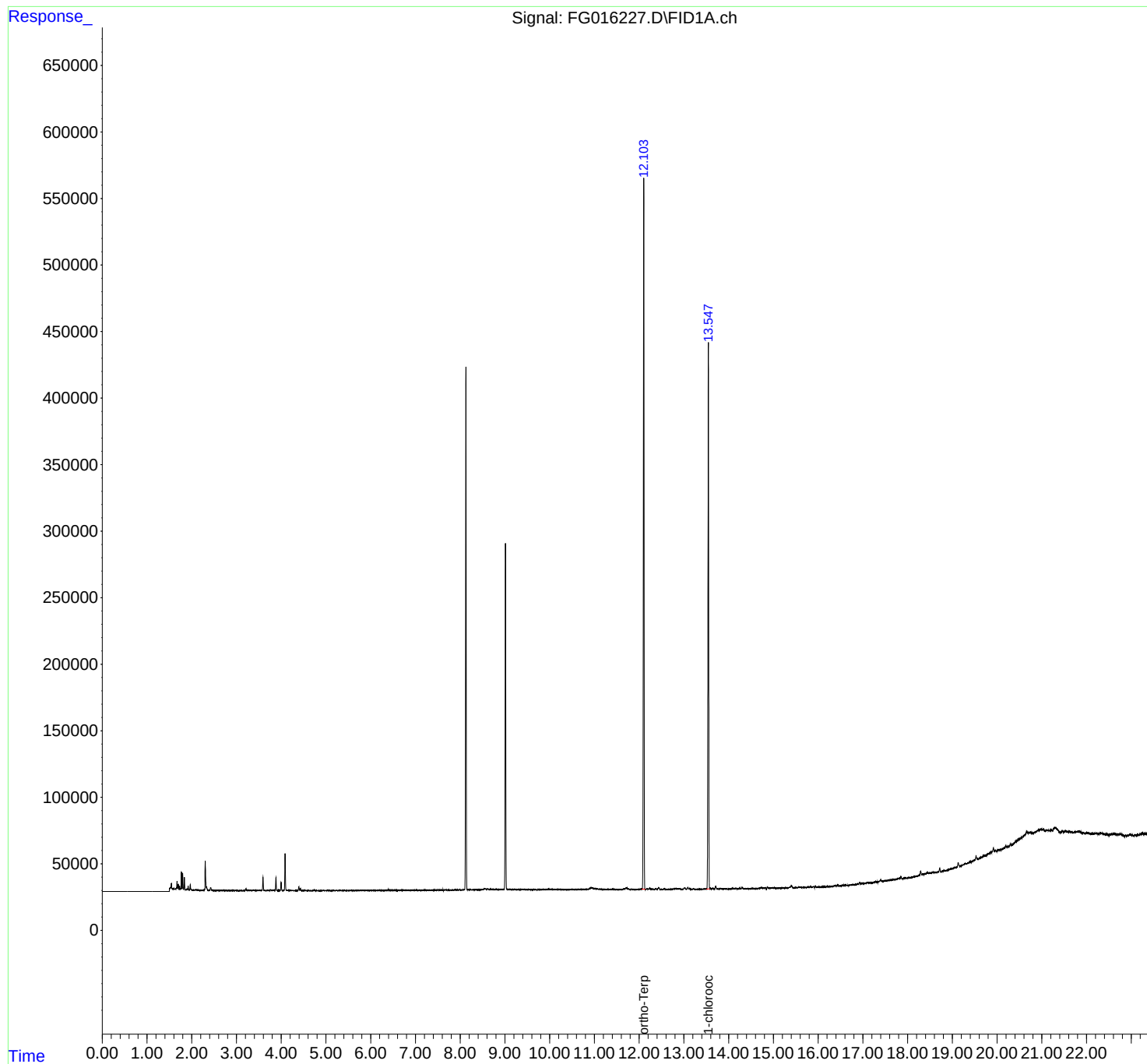
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG070725AL\  
Data File : FG016227.D  
Signal(s) : FID1A.ch  
Acq On : 07 Jul 2025 15:02  
Operator : YP\AJ  
Sample : PB168738BL  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
FID\_G  
ClientSampleId :  
PB168738BL

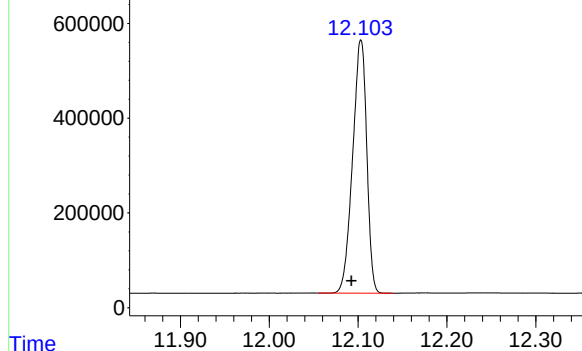
Integration File: autoint1.e  
Quant Time: Jul 08 02:23:00 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 061325.M  
Quant Title : GC Extractables  
QLast Update : Mon Jun 16 06:52:22 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Signal: FG016227.D\FID1A.ch

#9 ortho-Terphenyl (SURR)

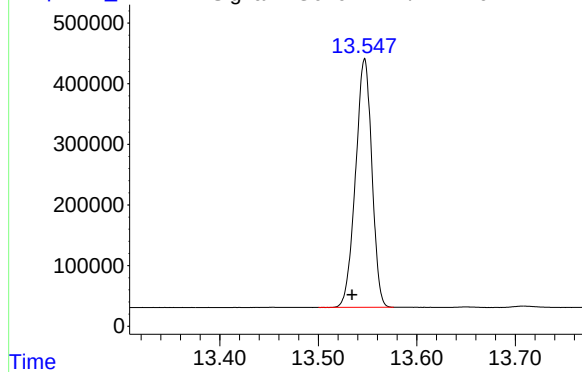


R.T.: 12.103 min  
Delta R.T.: 0.011 min  
Response: 5903658  
Conc: 45.76 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
PB168738BL

Signal: FG016227.D\FID1A.ch

#12 1-chlorooctadecane (SURR)



R.T.: 13.547 min  
Delta R.T.: 0.013 min  
Response: 4722752  
Conc: 46.87 ug/ml

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG070725AL\  
 Data File : FG016227.D  
 Signal(s) : FID1A.ch  
 Acq On : 07 Jul 2025 15:02  
 Sample : PB168738BL  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 061325.M  
 Title : GC Extractables

Signal : FID1A.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                       | 12.103      | 12.055       | 12.140     | BB       | 534244         | 5903658      | 100.00%        | 55.556%       |
| 2                       | 13.547      | 13.500       | 13.577     | BB       | 409721         | 4722752      | 80.00%         | 44.444%       |
| Sum of corrected areas: |             |              |            |          |                | 10626410     |                |               |

Aliphatic EPH 061325.M Tue Jul 08 06:12:06 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG070825AL\  
 Data File : FG016239.D  
 Signal(s) : FID1A.ch  
 Acq On : 08 Jul 2025 10:54  
 Operator : YP\AJ  
 Sample : PB168738BS  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 PB168738BS

A  
B  
C  
D  
E  
F  
G  
H  
I  
J

Integration File: autoint1.e  
 Quant Time: Jul 09 03:56:51 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 061325.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jun 16 06:52:22 2025  
 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)    | 12.096 | 3298568    | 25.565 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 51.13%       |
| 12) S 1-chlorooctadecane (S... | 13.542 | 2659381    | 26.392 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 52.78%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.417  | 2638994    | 24.391 ug/ml |
| 2) T n-Decane (C10)            | 4.677  | 2786828    | 25.406 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.393  | 3496326    | 29.263 ug/ml |
| 4) T n-Dodecane (C12)          | 6.856  | 2974448    | 27.013 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.497  | 3399505    | 29.228 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.698  | 3180835    | 28.964 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.317 | 3325430    | 29.214 ug/ml |
| 8) T n-Octadecane (C18)        | 11.772 | 3347675    | 28.756 ug/ml |
| 10) T n-Eicosane (C20)         | 13.093 | 3473916    | 30.524 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.709 | 3355441    | 29.638 ug/ml |
| 13) T n-Docosane (C22)         | 14.300 | 3324684    | 29.246 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.401 | 6803257    | 58.999 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.441 | 3213551    | 27.925 ug/ml |
| 16) T n-Octacosane (C28)       | 17.395 | 3112347    | 27.424 ug/ml |
| 17) T n-Tricontane (C30)       | 18.289 | 3057763    | 26.708 ug/ml |
| 18) T n-Dotriacontane (C32)    | 19.125 | 2970222    | 27.242 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.914 | 3049388    | 30.822 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.660 | 2886567    | 34.008 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.451 | 2906168    | 38.496 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.457 | 2886900    | 41.749 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

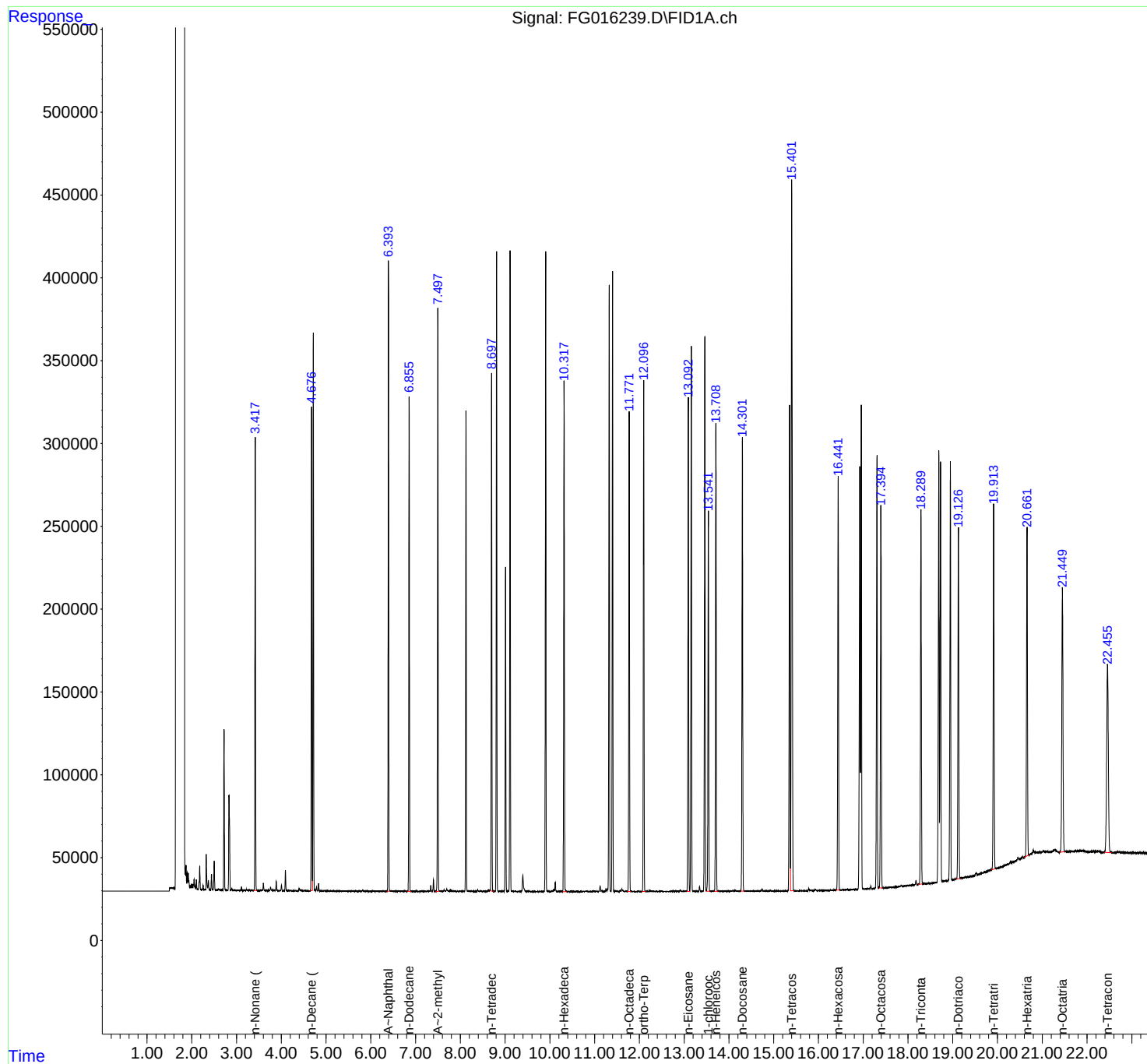
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG070825AL\  
Data File : FG016239.D  
Signal(s) : FID1A.ch  
Acq On : 08 Jul 2025 10:54  
Operator : YP\AJ  
Sample : PB168738BS  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
FID\_G  
ClientSampleId :  
PB168738BS

Integration File: autoint1.e  
Quant Time: Jul 09 03:56:51 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 061325.M  
Quant Title : GC Extractables  
QLast Update : Mon Jun 16 06:52:22 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG070825AL\  
 Data File : FG016239.D  
 Signal(s) : FID1A.ch  
 Acq On : 08 Jul 2025 10:54  
 Sample : PB168738BS  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 061325.M  
 Title : GC Extractables

Signal : FID1A.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         | 3.417       | 3.382        | 3.456      | BB       | 273197         | 2638994      | 38.79%         | 2.106%        |
| 2         | 4.677       | 4.643        | 4.696      | BV       | 291455         | 2786828      | 40.96%         | 2.224%        |
| 3         | 4.715       | 4.696        | 4.744      | VB       | 336319         | 3167121      | 46.55%         | 2.527%        |
| 4         | 6.393       | 6.360        | 6.428      | BB       | 378833         | 3496326      | 51.39%         | 2.790%        |
| 5         | 6.856       | 6.818        | 6.900      | BB       | 298804         | 2974448      | 43.72%         | 2.374%        |
| 6         | 7.497       | 7.452        | 7.532      | BB       | 352102         | 3399505      | 49.97%         | 2.713%        |
| 7         | 8.698       | 8.667        | 8.742      | BB       | 311833         | 3180835      | 46.75%         | 2.538%        |
| 8         | 8.810       | 8.776        | 8.849      | BB       | 385897         | 3785907      | 55.65%         | 3.021%        |
| 9         | 9.112       | 9.080        | 9.155      | BB       | 384803         | 3799816      | 55.85%         | 3.032%        |
| 10        | 9.907       | 9.871        | 9.937      | BB       | 385520         | 3890376      | 57.18%         | 3.104%        |
| 11        | 10.317      | 10.284       | 10.375     | BB       | 308121         | 3325430      | 48.88%         | 2.654%        |
| 12        | 11.325      | 11.270       | 11.364     | VV       | 365724         | 3842674      | 56.48%         | 3.066%        |
| 13        | 11.400      | 11.364       | 11.443     | PB       | 373981         | 3838080      | 56.42%         | 3.063%        |
| 14        | 11.772      | 11.729       | 11.806     | BB       | 289150         | 3347675      | 49.21%         | 2.671%        |
| 15        | 12.096      | 12.062       | 12.140     | BB       | 307908         | 3298568      | 48.49%         | 2.632%        |
| 16        | 13.093      | 13.055       | 13.125     | BV       | 297655         | 3473916      | 51.06%         | 2.772%        |
| 17        | 13.160      | 13.125       | 13.191     | VB       | 329155         | 3710206      | 54.54%         | 2.961%        |
| 18        | 13.463      | 13.420       | 13.495     | BV       | 334339         | 3681306      | 54.11%         | 2.938%        |
| 19        | 13.542      | 13.495       | 13.575     | VB       | 229042         | 2659381      | 39.09%         | 2.122%        |
| 20        | 13.709      | 13.670       | 13.759     | BB       | 281944         | 3355441      | 49.32%         | 2.678%        |
| 21        | 14.300      | 14.262       | 14.349     | BB       | 272994         | 3324684      | 48.87%         | 2.653%        |
| 22        | 15.356      | 15.314       | 15.375     | BV       | 292353         | 3516489      | 51.69%         | 2.806%        |
| 23        | 15.401      | 15.375       | 15.457     | VB       | 429079         | 6803257      | 100.00%        | 5.429%        |
| 24        | 16.441      | 16.390       | 16.480     | BB       | 249480         | 3213551      | 47.24%         | 2.564%        |
| 25        | 16.924      | 16.866       | 16.939     | BV       | 254495         | 3373209      | 49.58%         | 2.692%        |
| 26        | 16.958      | 16.939       | 16.997     | VB       | 291976         | 3362380      | 49.42%         | 2.683%        |
| 27        | 17.308      | 17.250       | 17.340     | BB       | 260112         | 3262897      | 47.96%         | 2.604%        |
| 28        | 17.395      | 17.354       | 17.441     | BB       | 229512         | 3112347      | 45.75%         | 2.484%        |
| 29        | 18.289      | 18.227       | 18.327     | BB       | 225997         | 3057763      | 44.95%         | 2.440%        |
| 30        | 18.689      | 18.631       | 18.704     | BV       | 259940         | 3452511      | 50.75%         | 2.755%        |
| 31        | 18.727      | 18.704       | 18.774     | VB       | 253417         | 3296772      | 48.46%         | 2.631%        |
| 32        | 18.947      | 18.886       | 18.991     | BB       | 251850         | 3189475      | 46.88%         | 2.545%        |
| 33        | 19.125      | 19.070       | 19.175     | BB       | 211586         | 2970222      | 43.66%         | 2.370%        |
| 34        | 19.914      | 19.855       | 19.955     | BB       | 220423         | 3049388      | 44.82%         | 2.433%        |
| 35        | 20.660      | 20.592       | 20.701     | BB       | 197467         | 2886567      | 42.43%         | 2.303%        |
| 36        | 21.451      | 21.382       | 21.510     | BB       | 159556         | 2906168      | 42.72%         | 2.319%        |

37 22.457 22.380 22.545 BB 113016 2886900 42.43% 2.304%  
rteres  
Sum of corrected areas: 125317411

Aliphatic EPH 061325.M Wed Jul 09 04:28:07 2025

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Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG070825AL\  
 Data File : FG016240.D  
 Signal(s) : FID1A.ch  
 Acq On : 08 Jul 2025 11:25  
 Operator : YP\AJ  
 Sample : PB168738BSD  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 PB168738BSD

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Integration File: autoint1.e  
 Quant Time: Jul 09 03:57:06 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 061325.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jun 16 06:52:22 2025  
 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)    | 12.095 | 3322275    | 25.749 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 51.50%       |
| 12) S 1-chlorooctadecane (S... | 13.540 | 2674882    | 26.546 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 53.09%       |
|                                |        |            |              |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.418  | 2646371    | 24.459 ug/ml |
| 2) T n-Decane (C10)            | 4.677  | 2794487    | 25.476 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.393  | 3513038    | 29.403 ug/ml |
| 4) T n-Dodecane (C12)          | 6.855  | 2988389    | 27.140 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.496  | 3418085    | 29.388 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.697  | 3204072    | 29.176 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.317 | 3341881    | 29.358 ug/ml |
| 8) T n-Octadecane (C18)        | 11.771 | 3367247    | 28.924 ug/ml |
| 10) T n-Eicosane (C20)         | 13.091 | 3493085    | 30.692 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.708 | 3364111    | 29.715 ug/ml |
| 13) T n-Docosane (C22)         | 14.298 | 3339638    | 29.377 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.401 | 6815566    | 59.106 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.439 | 3230481    | 28.072 ug/ml |
| 16) T n-Octacosane (C28)       | 17.394 | 3123838    | 27.525 ug/ml |
| 17) T n-Tricontane (C30)       | 18.288 | 3075107    | 26.859 ug/ml |
| 18) T n-Dotriacontane (C32)    | 19.124 | 2992650    | 27.448 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.914 | 3070557    | 31.036 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.658 | 2899455    | 34.160 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.450 | 2918561    | 38.660 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.457 | 2882837    | 41.690 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

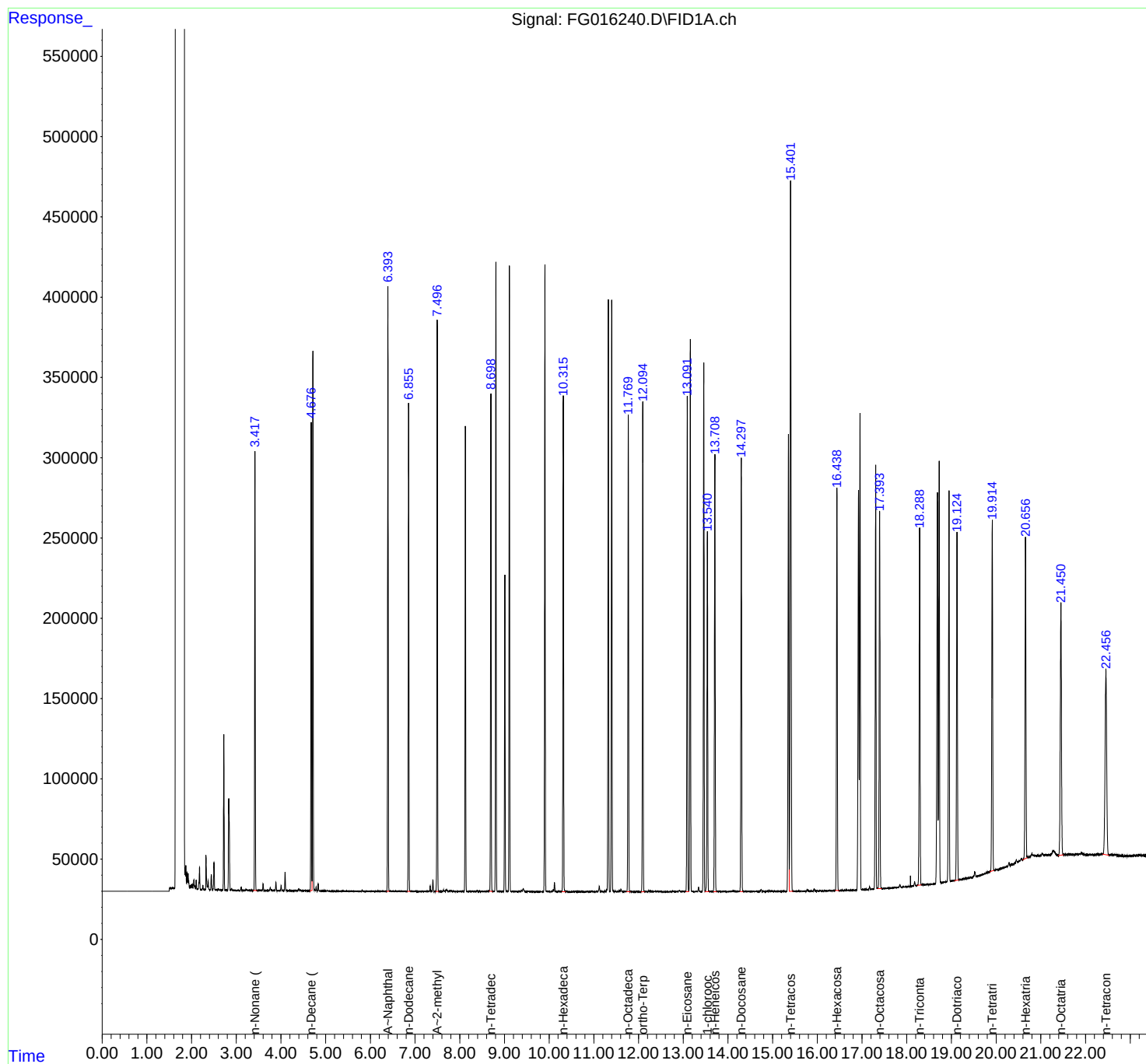
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG070825AL\  
Data File : FG016240.D  
Signal(s) : FID1A.ch  
Acq On : 08 Jul 2025 11:25  
Operator : YP\AJ  
Sample : PB168738BSD  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
FID\_G  
ClientSampleId :  
PB168738BSD

Integration File: autoint1.e  
Quant Time: Jul 09 03:57:06 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 061325.M  
Quant Title : GC Extractables  
QLast Update : Mon Jun 16 06:52:22 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG070825AL\  
 Data File : FG016240.D  
 Signal(s) : FID1A.ch  
 Acq On : 08 Jul 2025 11:25  
 Sample : PB168738BSD  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 061325.M  
 Title : GC Extractables

Signal : FID1A.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         | 3.418       | 3.375        | 3.462      | BB       | 273536         | 2646371      | 38.83%         | 2.102%        |
| 2         | 4.677       | 4.643        | 4.696      | BV       | 291797         | 2794487      | 41.00%         | 2.220%        |
| 3         | 4.715       | 4.696        | 4.743      | VB       | 336070         | 3174970      | 46.58%         | 2.522%        |
| 4         | 6.393       | 6.362        | 6.424      | BB       | 376483         | 3513038      | 51.54%         | 2.790%        |
| 5         | 6.855       | 6.824        | 6.896      | BB       | 303996         | 2988389      | 43.85%         | 2.374%        |
| 6         | 7.496       | 7.458        | 7.527      | BB       | 354486         | 3418085      | 50.15%         | 2.715%        |
| 7         | 8.697       | 8.656        | 8.738      | BB       | 309926         | 3204072      | 47.01%         | 2.545%        |
| 8         | 8.809       | 8.777        | 8.855      | BB       | 390751         | 3813336      | 55.95%         | 3.029%        |
| 9         | 9.111       | 9.076        | 9.148      | BB       | 386942         | 3826475      | 56.14%         | 3.039%        |
| 10        | 9.906       | 9.872        | 9.939      | BB       | 389801         | 3921035      | 57.53%         | 3.114%        |
| 11        | 10.317      | 10.283       | 10.367     | BB       | 308012         | 3341881      | 49.03%         | 2.654%        |
| 12        | 11.324      | 11.232       | 11.357     | BV       | 366548         | 3877278      | 56.89%         | 3.080%        |
| 13        | 11.400      | 11.357       | 11.438     | PB       | 368601         | 3867290      | 56.74%         | 3.072%        |
| 14        | 11.771      | 11.731       | 11.814     | BB       | 294296         | 3367247      | 49.41%         | 2.674%        |
| 15        | 12.095      | 12.057       | 12.138     | BB       | 303774         | 3322275      | 48.75%         | 2.639%        |
| 16        | 13.091      | 13.056       | 13.124     | BV       | 307977         | 3493085      | 51.25%         | 2.774%        |
| 17        | 13.159      | 13.124       | 13.188     | VB       | 344093         | 3728881      | 54.71%         | 2.962%        |
| 18        | 13.460      | 13.421       | 13.488     | BV       | 328668         | 3699137      | 54.27%         | 2.938%        |
| 19        | 13.540      | 13.488       | 13.581     | VB       | 223984         | 2674882      | 39.25%         | 2.125%        |
| 20        | 13.708      | 13.671       | 13.752     | BB       | 271797         | 3364111      | 49.36%         | 2.672%        |
| 21        | 14.298      | 14.262       | 14.340     | BB       | 269831         | 3339638      | 49.00%         | 2.653%        |
| 22        | 15.353      | 15.312       | 15.374     | BV       | 284355         | 3519018      | 51.63%         | 2.795%        |
| 23        | 15.401      | 15.374       | 15.458     | VB       | 442553         | 6815566      | 100.00%        | 5.413%        |
| 24        | 16.439      | 16.401       | 16.489     | BB       | 250327         | 3230481      | 47.40%         | 2.566%        |
| 25        | 16.922      | 16.865       | 16.937     | BV       | 248157         | 3378067      | 49.56%         | 2.683%        |
| 26        | 16.956      | 16.937       | 16.989     | VB       | 296429         | 3352367      | 49.19%         | 2.663%        |
| 27        | 17.307      | 17.254       | 17.338     | BB       | 262068         | 3262479      | 47.87%         | 2.591%        |
| 28        | 17.394      | 17.352       | 17.442     | BB       | 233498         | 3123838      | 45.83%         | 2.481%        |
| 29        | 18.288      | 18.233       | 18.325     | BB       | 222509         | 3075107      | 45.12%         | 2.442%        |
| 30        | 18.687      | 18.628       | 18.703     | BV       | 242738         | 3475737      | 51.00%         | 2.761%        |
| 31        | 18.726      | 18.703       | 18.771     | VB       | 262256         | 3324070      | 48.77%         | 2.640%        |
| 32        | 18.946      | 18.881       | 18.992     | BB       | 242872         | 3207060      | 47.05%         | 2.547%        |
| 33        | 19.124      | 19.067       | 19.166     | BB       | 216607         | 2992650      | 43.91%         | 2.377%        |
| 34        | 19.914      | 19.859       | 19.953     | BB       | 218241         | 3070557      | 45.05%         | 2.439%        |
| 35        | 20.658      | 20.589       | 20.697     | BB       | 197780         | 2899455      | 42.54%         | 2.303%        |
| 36        | 21.450      | 21.383       | 21.510     | BB       | 157440         | 2918561      | 42.82%         | 2.318%        |

37 22.457 22.379 22.531 BB 115749 2882837 42.30% 2.290%  
Sum of corrected areas: 125903812

Aliphatic EPH 061325.M Wed Jul 09 04:28:44 2025

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Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG070725AL\  
 Data File : FG016232.D  
 Signal(s) : FID1A.ch  
 Acq On : 07 Jul 2025 17:31  
 Operator : YP\AJ  
 Sample : Q2515-01MS  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 WC-1MS

Integration File: autoint1.e  
 Quant Time: Jul 08 02:24:01 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 061325.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jun 16 06:52:22 2025  
 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)    | 12.098 | 4471160    | 34.653 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 69.31%        |
| 12) S 1-chlorooctadecane (S... | 13.543 | 3810382    | 37.815 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 75.63%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.415  | 3409658    | 31.513 ug/ml  |
| 2) T n-Decane (C10)            | 4.678  | 3924306    | 35.776 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.395  | 5051953    | 42.283 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.857  | 4378049    | 39.760 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.499  | 4999162    | 42.982 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.700  | 4881221    | 44.448 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.319 | 5434224    | 47.740 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.774 | 5666153    | 48.672 ug/ml  |
| 10) T n-Eicosane (C20)         | 13.095 | 5942420    | 52.213 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.711 | 5732203    | 50.632 ug/ml  |
| 13) T n-Docosane (C22)         | 14.301 | 5712622    | 50.251 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.409 | 11696433   | 101.434 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.442 | 5525379    | 48.014 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.397 | 5335357    | 47.011 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.292 | 5257970    | 45.925 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 19.129 | 5097267    | 46.751 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.917 | 5238175    | 52.946 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.662 | 4950374    | 58.322 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.454 | 4936826    | 65.395 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.463 | 4871960    | 70.456 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

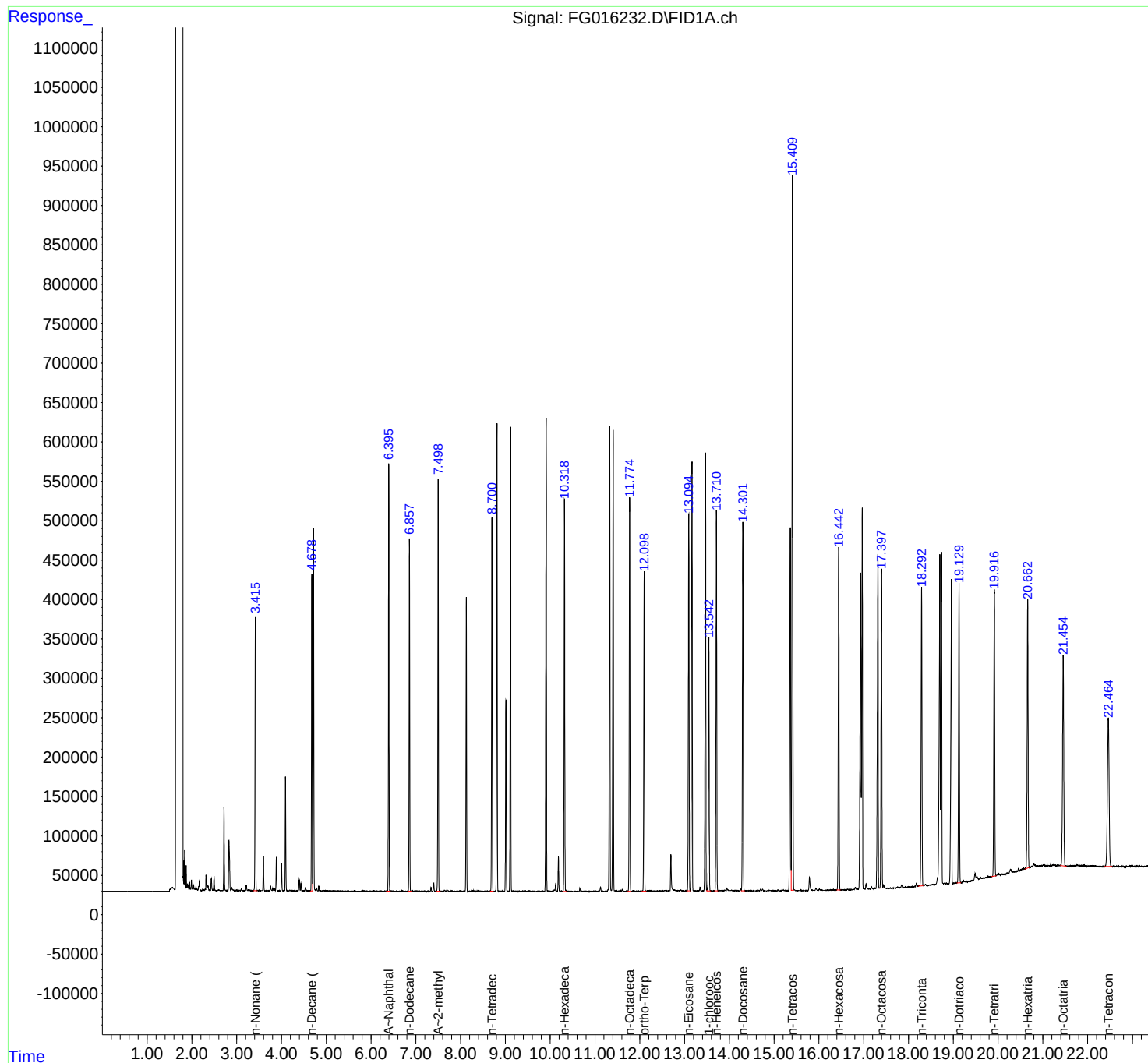
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG070725AL\  
Data File : FG016232.D  
Signal(s) : FID1A.ch  
Acq On : 07 Jul 2025 17:31  
Operator : YP\AJ  
Sample : Q2515-01MS  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
FID\_G  
ClientSampleId :  
WC-1MS

Integration File: autoint1.e  
Quant Time: Jul 08 02:24:01 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 061325.M  
Quant Title : GC Extractables  
QLast Update : Mon Jun 16 06:52:22 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG070725AL\  
 Data File : FG016232.D  
 Signal(s) : FID1A.ch  
 Acq On : 07 Jul 2025 17:31  
 Sample : Q2515-01MS  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 061325.M  
 Title : GC Extractables

Signal : FID1A.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         | 3.308       | 3.295        | 3.344      | PV       | 259            | 2599         | 0.02%          | 0.001%        |
| 2         | 3.360       | 3.344        | 3.375      | PV       | 116            | 1640         | 0.01%          | 0.001%        |
| 3         | 3.415       | 3.375        | 3.455      | VV       | 346798         | 3415001      | 29.15%         | 1.522%        |
| 4         | 3.469       | 3.455        | 3.491      | VV       | 314            | 4537         | 0.04%          | 0.002%        |
| 5         | 3.509       | 3.491        | 3.532      | VV       | 600            | 7457         | 0.06%          | 0.003%        |
| 6         | 3.548       | 3.532        | 3.567      | VV       | 322            | 5533         | 0.05%          | 0.002%        |
| 7         | 3.595       | 3.567        | 3.649      | VV       | 44264          | 413007       | 3.53%          | 0.184%        |
| 8         | 3.683       | 3.649        | 3.720      | VV       | 498            | 10311        | 0.09%          | 0.005%        |
| 9         | 3.756       | 3.720        | 3.788      | VV       | 6025           | 69160        | 0.59%          | 0.031%        |
| 10        | 3.806       | 3.788        | 3.826      | VV       | 2984           | 35652        | 0.30%          | 0.016%        |
| 11        | 3.851       | 3.826        | 3.864      | VV       | 2623           | 33523        | 0.29%          | 0.015%        |
| 12        | 3.885       | 3.864        | 3.920      | VV       | 42853          | 389581       | 3.33%          | 0.174%        |
| 13        | 3.932       | 3.920        | 3.974      | VV       | 76             | 1626         | 0.01%          | 0.001%        |
| 14        | 4.001       | 3.974        | 4.044      | VV       | 35056          | 313958       | 2.68%          | 0.140%        |
| 15        | 4.089       | 4.044        | 4.160      | VV       | 143665         | 1293584      | 11.04%         | 0.577%        |
| 16        | 4.183       | 4.160        | 4.199      | VV       | 730            | 9719         | 0.08%          | 0.004%        |
| 17        | 4.214       | 4.199        | 4.238      | VV       | 604            | 9044         | 0.08%          | 0.004%        |
| 18        | 4.264       | 4.238        | 4.345      | VV       | 504            | 17755        | 0.15%          | 0.008%        |
| 19        | 4.359       | 4.345        | 4.367      | VV       | 354            | 3533         | 0.03%          | 0.002%        |
| 20        | 4.398       | 4.367        | 4.418      | VV       | 14435          | 168671       | 1.44%          | 0.075%        |
| 21        | 4.434       | 4.418        | 4.508      | VV       | 9723           | 95591        | 0.82%          | 0.043%        |
| 22        | 4.533       | 4.508        | 4.549      | VV       | 4023           | 37777        | 0.32%          | 0.017%        |
| 23        | 4.558       | 4.549        | 4.581      | VV       | 871            | 8947         | 0.08%          | 0.004%        |
| 24        | 4.594       | 4.581        | 4.606      | VV       | 199            | 2641         | 0.02%          | 0.001%        |
| 25        | 4.678       | 4.606        | 4.696      | VV       | 403390         | 3932750      | 33.57%         | 1.753%        |
| 26        | 4.715       | 4.696        | 4.769      | VV       | 460207         | 4444878      | 37.94%         | 1.981%        |
| 27        | 4.787       | 4.769        | 4.810      | VV       | 3815           | 39285        | 0.34%          | 0.018%        |
| 28        | 4.833       | 4.810        | 4.861      | VV       | 6370           | 62313        | 0.53%          | 0.028%        |
| 29        | 4.873       | 4.861        | 4.878      | VV       | 142            | 1155         | 0.01%          | 0.001%        |
| 30        | 4.894       | 4.878        | 4.934      | VV       | 201            | 4555         | 0.04%          | 0.002%        |
| 31        | 4.954       | 4.934        | 4.976      | VV       | 1098           | 11466        | 0.10%          | 0.005%        |
| 32        | 4.989       | 4.976        | 5.019      | VV       | 252            | 3334         | 0.03%          | 0.001%        |
| 33        | 5.044       | 5.019        | 5.067      | VV       | 209            | 4145         | 0.04%          | 0.002%        |
| 34        | 5.091       | 5.067        | 5.115      | VV       | 200            | 3558         | 0.03%          | 0.002%        |
| 35        | 5.136       | 5.115        | 5.158      | VV       | 133            | 2416         | 0.02%          | 0.001%        |
| 36        | 5.192       | 5.158        | 5.245      | VV       | 230            | 6891         | 0.06%          | 0.003%        |

|    |       |       |       |    | rterres |         |        |        |
|----|-------|-------|-------|----|---------|---------|--------|--------|
| 37 | 5.259 | 5.245 | 5.279 | VV | 125     | 2115    | 0.02%  | 0.001% |
| 38 | 5.305 | 5.279 | 5.321 | VV | 620     | 7562    | 0.06%  | 0.003% |
| 39 | 5.335 | 5.321 | 5.371 | VV | 237     | 5070    | 0.04%  | 0.002% |
| 40 | 5.385 | 5.371 | 5.411 | VV | 247     | 3661    | 0.03%  | 0.002% |
| 41 | 5.434 | 5.411 | 5.454 | VV | 259     | 3881    | 0.03%  | 0.002% |
| 42 | 5.466 | 5.454 | 5.485 | VV | 214     | 2279    | 0.02%  | 0.001% |
| 43 | 5.498 | 5.485 | 5.514 | PV | 145     | 1709    | 0.01%  | 0.001% |
| 44 | 5.547 | 5.514 | 5.567 | VV | 219     | 4281    | 0.04%  | 0.002% |
| 45 | 5.581 | 5.567 | 5.605 | VV | 294     | 3353    | 0.03%  | 0.001% |
| 46 | 5.620 | 5.605 | 5.644 | VV | 470     | 5330    | 0.05%  | 0.002% |
| 47 | 5.659 | 5.644 | 5.718 | VV | 137     | 4227    | 0.04%  | 0.002% |
| 48 | 5.731 | 5.718 | 5.742 | VV | 101     | 1100    | 0.01%  | 0.000% |
| 49 | 5.766 | 5.742 | 5.785 | VV | 137     | 2098    | 0.02%  | 0.001% |
| 50 | 5.818 | 5.785 | 5.837 | PV | 1367    | 14731   | 0.13%  | 0.007% |
| 51 | 5.849 | 5.837 | 5.869 | VV | 457     | 5096    | 0.04%  | 0.002% |
| 52 | 5.884 | 5.869 | 5.904 | VV | 344     | 4370    | 0.04%  | 0.002% |
| 53 | 5.917 | 5.904 | 5.936 | VV | 294     | 3451    | 0.03%  | 0.002% |
| 54 | 5.945 | 5.936 | 6.015 | VV | 142     | 3229    | 0.03%  | 0.001% |
| 55 | 6.022 | 6.015 | 6.036 | VV | 71      | 698     | 0.01%  | 0.000% |
| 56 | 6.055 | 6.036 | 6.108 | VV | 522     | 10505   | 0.09%  | 0.005% |
| 57 | 6.135 | 6.108 | 6.159 | VV | 312     | 4216    | 0.04%  | 0.002% |
| 58 | 6.185 | 6.159 | 6.214 | VV | 351     | 4959    | 0.04%  | 0.002% |
| 59 | 6.232 | 6.214 | 6.258 | VV | 441     | 5446    | 0.05%  | 0.002% |
| 60 | 6.273 | 6.258 | 6.307 | VV | 217     | 3288    | 0.03%  | 0.001% |
| 61 | 6.327 | 6.307 | 6.338 | VV | 237     | 2956    | 0.03%  | 0.001% |
| 62 | 6.395 | 6.338 | 6.431 | VV | 539575  | 5062325 | 43.21% | 2.257% |
| 63 | 6.444 | 6.431 | 6.484 | VV | 545     | 11448   | 0.10%  | 0.005% |
| 64 | 6.500 | 6.484 | 6.528 | VV | 344     | 5917    | 0.05%  | 0.003% |
| 65 | 6.564 | 6.528 | 6.588 | VV | 302     | 6488    | 0.06%  | 0.003% |
| 66 | 6.598 | 6.588 | 6.611 | VV | 180     | 1873    | 0.02%  | 0.001% |
| 67 | 6.634 | 6.611 | 6.668 | VV | 260     | 5517    | 0.05%  | 0.002% |
| 68 | 6.690 | 6.668 | 6.726 | VV | 1062    | 15603   | 0.13%  | 0.007% |
| 69 | 6.740 | 6.726 | 6.759 | VV | 309     | 4369    | 0.04%  | 0.002% |
| 70 | 6.787 | 6.759 | 6.812 | VV | 244     | 4488    | 0.04%  | 0.002% |
| 71 | 6.857 | 6.812 | 6.912 | VV | 445635  | 4385872 | 37.43% | 1.955% |
| 72 | 6.928 | 6.912 | 6.972 | VV | 864     | 11449   | 0.10%  | 0.005% |
| 73 | 7.007 | 6.972 | 7.042 | VV | 361     | 6972    | 0.06%  | 0.003% |
| 74 | 7.147 | 7.042 | 7.212 | PV | 195     | 9106    | 0.08%  | 0.004% |
| 75 | 7.225 | 7.212 | 7.240 | VV | 145     | 1314    | 0.01%  | 0.001% |
| 76 | 7.280 | 7.240 | 7.299 | VV | 383     | 5228    | 0.04%  | 0.002% |
| 77 | 7.339 | 7.299 | 7.370 | VV | 5174    | 50991   | 0.44%  | 0.023% |
| 78 | 7.400 | 7.370 | 7.447 | VV | 10744   | 107174  | 0.91%  | 0.048% |
| 79 | 7.499 | 7.447 | 7.612 | VV | 520832  | 5017304 | 42.82% | 2.237% |
| 80 | 7.637 | 7.612 | 7.674 | VV | 1723    | 24912   | 0.21%  | 0.011% |
| 81 | 7.696 | 7.674 | 7.712 | VV | 2032    | 26228   | 0.22%  | 0.012% |
| 82 | 7.722 | 7.712 | 7.752 | VV | 1065    | 12578   | 0.11%  | 0.006% |
| 83 | 7.774 | 7.752 | 7.792 | VV | 944     | 11259   | 0.10%  | 0.005% |
| 84 | 7.807 | 7.792 | 7.829 | VV | 1394    | 14938   | 0.13%  | 0.007% |
| 85 | 7.865 | 7.829 | 7.888 | VV | 410     | 9051    | 0.08%  | 0.004% |
| 86 | 7.899 | 7.888 | 7.961 | VV | 290     | 5267    | 0.04%  | 0.002% |
| 87 | 7.987 | 7.961 | 8.007 | PV | 596     | 6934    | 0.06%  | 0.003% |
| 88 | 8.029 | 8.007 | 8.082 | VV | 458     | 7967    | 0.07%  | 0.004% |
| 89 | 8.180 | 8.175 | 8.201 | VV | 136     | 1355    | 0.01%  | 0.001% |



|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 90  | 8.240  | 8.201  | 8.255  | VV | 466    | 9358    | 0.08%  | 0.004% |
| 91  | 8.270  | 8.255  | 8.285  | VV | 662    | 7800    | 0.07%  | 0.003% |
| 92  | 8.294  | 8.285  | 8.338  | VV | 495    | 7785    | 0.07%  | 0.003% |
| 93  | 8.342  | 8.338  | 8.368  | VV | 148    | 1832    | 0.02%  | 0.001% |
| 94  | 8.388  | 8.368  | 8.418  | VV | 1236   | 14630   | 0.12%  | 0.007% |
| 95  | 8.444  | 8.418  | 8.483  | VV | 738    | 10552   | 0.09%  | 0.005% |
| 96  | 8.492  | 8.483  | 8.502  | VV | 89     | 1015    | 0.01%  | 0.000% |
| 97  | 8.558  | 8.502  | 8.567  | VV | 185    | 4531    | 0.04%  | 0.002% |
| 98  | 8.589  | 8.567  | 8.620  | VV | 419    | 9240    | 0.08%  | 0.004% |
| 99  | 8.700  | 8.620  | 8.739  | VV | 471893 | 4901218 | 41.83% | 2.185% |
| 100 | 8.754  | 8.739  | 8.770  | VV | 282    | 4216    | 0.04%  | 0.002% |
| 101 | 8.813  | 8.770  | 8.868  | VV | 584487 | 5745310 | 49.04% | 2.561% |
| 102 | 8.884  | 8.868  | 8.902  | VV | 354    | 4928    | 0.04%  | 0.002% |
| 103 | 8.928  | 8.902  | 8.963  | VV | 577    | 8798    | 0.08%  | 0.004% |
| 104 | 9.051  | 9.045  | 9.077  | VV | 368    | 6267    | 0.05%  | 0.003% |
| 105 | 9.115  | 9.077  | 9.149  | VV | 590050 | 5876942 | 50.16% | 2.620% |
| 106 | 9.172  | 9.149  | 9.219  | VV | 536    | 10712   | 0.09%  | 0.005% |
| 107 | 9.236  | 9.219  | 9.279  | VV | 272    | 4817    | 0.04%  | 0.002% |
| 108 | 9.307  | 9.279  | 9.362  | VV | 527    | 9369    | 0.08%  | 0.004% |
| 109 | 9.386  | 9.362  | 9.404  | VV | 1106   | 13196   | 0.11%  | 0.006% |
| 110 | 9.426  | 9.404  | 9.500  | VV | 947    | 21207   | 0.18%  | 0.009% |
| 111 | 9.529  | 9.500  | 9.546  | VV | 854    | 9705    | 0.08%  | 0.004% |
| 112 | 9.558  | 9.546  | 9.607  | VV | 261    | 4873    | 0.04%  | 0.002% |
| 113 | 9.628  | 9.607  | 9.673  | VV | 359    | 4748    | 0.04%  | 0.002% |
| 114 | 9.678  | 9.673  | 9.688  | VV | 71     | 306     | 0.00%  | 0.000% |
| 115 | 9.718  | 9.688  | 9.737  | VV | 154    | 2214    | 0.02%  | 0.001% |
| 116 | 9.748  | 9.737  | 9.757  | VV | 127    | 1068    | 0.01%  | 0.000% |
| 117 | 9.774  | 9.757  | 9.814  | VV | 260    | 4397    | 0.04%  | 0.002% |
| 118 | 9.831  | 9.814  | 9.845  | VV | 551    | 3113    | 0.03%  | 0.001% |
| 119 | 9.910  | 9.845  | 9.940  | PV | 600937 | 6248064 | 53.33% | 2.785% |
| 120 | 9.951  | 9.940  | 9.989  | VV | 702    | 12594   | 0.11%  | 0.006% |
| 121 | 10.009 | 9.989  | 10.031 | VV | 416    | 7136    | 0.06%  | 0.003% |
| 122 | 10.055 | 10.031 | 10.067 | VV | 592    | 8125    | 0.07%  | 0.004% |
| 123 | 10.090 | 10.067 | 10.105 | VV | 2125   | 29693   | 0.25%  | 0.013% |
| 124 | 10.122 | 10.105 | 10.157 | VV | 9194   | 97819   | 0.83%  | 0.044% |
| 125 | 10.184 | 10.157 | 10.235 | VV | 44260  | 466686  | 3.98%  | 0.208% |
| 126 | 10.251 | 10.235 | 10.276 | VV | 682    | 8572    | 0.07%  | 0.004% |
| 127 | 10.319 | 10.276 | 10.384 | VV | 496632 | 5437039 | 46.41% | 2.424% |
| 128 | 10.407 | 10.384 | 10.454 | VV | 601    | 9841    | 0.08%  | 0.004% |
| 129 | 10.486 | 10.454 | 10.524 | VV | 264    | 4990    | 0.04%  | 0.002% |
| 130 | 10.544 | 10.524 | 10.562 | VV | 188    | 2627    | 0.02%  | 0.001% |
| 131 | 10.574 | 10.562 | 10.584 | VV | 274    | 3029    | 0.03%  | 0.001% |
| 132 | 10.597 | 10.584 | 10.632 | VV | 466    | 5291    | 0.05%  | 0.002% |
| 133 | 10.662 | 10.632 | 10.689 | PV | 4188   | 43560   | 0.37%  | 0.019% |
| 134 | 10.710 | 10.689 | 10.724 | VV | 232    | 3427    | 0.03%  | 0.002% |
| 135 | 10.761 | 10.724 | 10.783 | VV | 361    | 6898    | 0.06%  | 0.003% |
| 136 | 10.835 | 10.783 | 10.902 | VV | 253    | 10110   | 0.09%  | 0.005% |
| 137 | 10.912 | 10.902 | 10.922 | VV | 100    | 1042    | 0.01%  | 0.000% |
| 138 | 10.965 | 10.922 | 10.999 | VV | 381    | 9811    | 0.08%  | 0.004% |
| 139 | 11.016 | 10.999 | 11.040 | VV | 390    | 5802    | 0.05%  | 0.003% |
| 140 | 11.061 | 11.040 | 11.087 | VV | 442    | 5820    | 0.05%  | 0.003% |
| 141 | 11.124 | 11.087 | 11.149 | VV | 5711   | 73713   | 0.63%  | 0.033% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 11.165 | 11.149 | 11.187 | VV | 606    | 9574    | 0.08%  | 0.004% |
| 143 | 11.204 | 11.187 | 11.235 | VV | 320    | 6077    | 0.05%  | 0.003% |
| 144 | 11.257 | 11.235 | 11.267 | VV | 215    | 3142    | 0.03%  | 0.001% |
| 145 | 11.329 | 11.267 | 11.368 | VV | 587671 | 6479603 | 55.31% | 2.888% |
| 146 | 11.405 | 11.368 | 11.458 | VV | 583951 | 6504222 | 55.52% | 2.899% |
| 147 | 11.477 | 11.458 | 11.498 | VV | 1038   | 14345   | 0.12%  | 0.006% |
| 148 | 11.509 | 11.498 | 11.543 | VV | 398    | 6960    | 0.06%  | 0.003% |
| 149 | 11.573 | 11.543 | 11.592 | VV | 1361   | 17691   | 0.15%  | 0.008% |
| 150 | 11.609 | 11.592 | 11.646 | VV | 2792   | 30260   | 0.26%  | 0.013% |
| 151 | 11.661 | 11.646 | 11.681 | VV | 55     | 992     | 0.01%  | 0.000% |
| 152 | 11.700 | 11.681 | 11.728 | VV | 311    | 4579    | 0.04%  | 0.002% |
| 153 | 11.774 | 11.728 | 11.812 | VV | 499534 | 5669885 | 48.39% | 2.528% |
| 154 | 11.852 | 11.812 | 11.892 | VV | 525    | 12956   | 0.11%  | 0.006% |
| 155 | 11.935 | 11.892 | 11.951 | VV | 289    | 6248    | 0.05%  | 0.003% |
| 156 | 11.967 | 11.951 | 11.990 | VV | 348    | 4514    | 0.04%  | 0.002% |
| 157 | 12.021 | 11.990 | 12.038 | VV | 209    | 2676    | 0.02%  | 0.001% |
| 158 | 12.098 | 12.038 | 12.146 | VV | 405931 | 4476222 | 38.21% | 1.995% |
| 159 | 12.191 | 12.146 | 12.209 | VV | 548    | 14158   | 0.12%  | 0.006% |
| 160 | 12.229 | 12.209 | 12.269 | VV | 1110   | 22119   | 0.19%  | 0.010% |
| 161 | 12.282 | 12.269 | 12.294 | VV | 474    | 5271    | 0.04%  | 0.002% |
| 162 | 12.308 | 12.294 | 12.344 | VV | 450    | 7069    | 0.06%  | 0.003% |
| 163 | 12.380 | 12.344 | 12.410 | PV | 416    | 6522    | 0.06%  | 0.003% |
| 164 | 12.449 | 12.410 | 12.475 | VV | 432    | 10079   | 0.09%  | 0.004% |
| 165 | 12.493 | 12.475 | 12.523 | VV | 677    | 15335   | 0.13%  | 0.007% |
| 166 | 12.559 | 12.523 | 12.648 | VV | 1033   | 49492   | 0.42%  | 0.022% |
| 167 | 12.696 | 12.648 | 12.862 | VV | 46473  | 661402  | 5.65%  | 0.295% |
| 168 | 12.881 | 12.862 | 12.890 | VV | 671    | 9515    | 0.08%  | 0.004% |
| 169 | 12.916 | 12.890 | 12.972 | VV | 1670   | 35155   | 0.30%  | 0.016% |
| 170 | 12.987 | 12.972 | 12.999 | VV | 299    | 4447    | 0.04%  | 0.002% |
| 171 | 13.033 | 12.999 | 13.055 | VV | 633    | 13883   | 0.12%  | 0.006% |
| 172 | 13.095 | 13.055 | 13.127 | VV | 476741 | 5960396 | 50.87% | 2.657% |
| 173 | 13.167 | 13.127 | 13.225 | VV | 541819 | 6417714 | 54.78% | 2.861% |
| 174 | 13.241 | 13.225 | 13.253 | VV | 288    | 3897    | 0.03%  | 0.002% |
| 175 | 13.263 | 13.253 | 13.275 | VV | 247    | 2803    | 0.02%  | 0.001% |
| 176 | 13.295 | 13.275 | 13.318 | VV | 385    | 6719    | 0.06%  | 0.003% |
| 177 | 13.346 | 13.318 | 13.382 | VV | 5305   | 61459   | 0.52%  | 0.027% |
| 178 | 13.468 | 13.382 | 13.496 | VV | 557651 | 6361777 | 54.30% | 2.836% |
| 179 | 13.542 | 13.496 | 13.618 | VV | 318959 | 3825051 | 32.65% | 1.705% |
| 180 | 13.654 | 13.618 | 13.671 | VV | 465    | 9787    | 0.08%  | 0.004% |
| 181 | 13.711 | 13.671 | 13.749 | VV | 483494 | 5747243 | 49.05% | 2.562% |
| 182 | 13.765 | 13.749 | 13.784 | VV | 624    | 11048   | 0.09%  | 0.005% |
| 183 | 13.807 | 13.784 | 13.818 | VV | 685    | 12243   | 0.10%  | 0.005% |
| 184 | 13.826 | 13.818 | 13.875 | VV | 638    | 17040   | 0.15%  | 0.008% |
| 185 | 13.902 | 13.875 | 13.928 | VV | 1157   | 22970   | 0.20%  | 0.010% |
| 186 | 13.944 | 13.928 | 14.021 | VV | 3746   | 76925   | 0.66%  | 0.034% |
| 187 | 14.044 | 14.021 | 14.071 | VV | 868    | 20151   | 0.17%  | 0.009% |
| 188 | 14.088 | 14.071 | 14.118 | VV | 750    | 14823   | 0.13%  | 0.007% |
| 189 | 14.140 | 14.118 | 14.183 | VV | 1097   | 22599   | 0.19%  | 0.010% |
| 190 | 14.201 | 14.183 | 14.222 | VV | 350    | 6293    | 0.05%  | 0.003% |
| 191 | 14.250 | 14.222 | 14.265 | VV | 2631   | 33461   | 0.29%  | 0.015% |
| 192 | 14.301 | 14.265 | 14.347 | VV | 465231 | 5721618 | 48.84% | 2.551% |
| 193 | 14.360 | 14.347 | 14.373 | VV | 259    | 3448    | 0.03%  | 0.002% |
| 194 | 14.385 | 14.373 | 14.412 | VV | 230    | 3670    | 0.03%  | 0.002% |

|     |        |        |        |    | rteres |          |         |        |
|-----|--------|--------|--------|----|--------|----------|---------|--------|
| 195 | 14.430 | 14.412 | 14.450 | VV | 305    | 4725     | 0.04%   | 0.002% |
| 196 | 14.476 | 14.450 | 14.515 | VV | 1039   | 15241    | 0.13%   | 0.007% |
| 197 | 14.538 | 14.515 | 14.577 | VV | 370    | 7325     | 0.06%   | 0.003% |
| 198 | 14.589 | 14.577 | 14.608 | VV | 189    | 1768     | 0.02%   | 0.001% |
| 199 | 14.636 | 14.608 | 14.669 | VV | 1727   | 24145    | 0.21%   | 0.011% |
| 200 | 14.699 | 14.669 | 14.721 | VV | 2399   | 35902    | 0.31%   | 0.016% |
| 201 | 14.742 | 14.721 | 14.766 | VV | 2362   | 31593    | 0.27%   | 0.014% |
| 202 | 14.789 | 14.766 | 14.812 | VV | 231    | 4665     | 0.04%   | 0.002% |
| 203 | 14.821 | 14.812 | 14.838 | VV | 144    | 1365     | 0.01%   | 0.001% |
| 204 | 14.869 | 14.838 | 14.892 | VV | 1071   | 17044    | 0.15%   | 0.008% |
| 205 | 14.904 | 14.892 | 14.946 | VV | 686    | 12921    | 0.11%   | 0.006% |
| 206 | 14.969 | 14.946 | 15.005 | VV | 427    | 9275     | 0.08%   | 0.004% |
| 207 | 15.020 | 15.005 | 15.055 | VV | 345    | 5394     | 0.05%   | 0.002% |
| 208 | 15.086 | 15.055 | 15.125 | PV | 710    | 11780    | 0.10%   | 0.005% |
| 209 | 15.179 | 15.125 | 15.196 | VV | 1009   | 16869    | 0.14%   | 0.008% |
| 210 | 15.206 | 15.196 | 15.235 | VV | 633    | 10652    | 0.09%   | 0.005% |
| 211 | 15.256 | 15.235 | 15.288 | VV | 487    | 10814    | 0.09%   | 0.005% |
| 212 | 15.299 | 15.288 | 15.318 | VV | 193    | 2551     | 0.02%   | 0.001% |
| 213 | 15.361 | 15.318 | 15.381 | VV | 457071 | 6102273  | 52.08%  | 2.720% |
| 214 | 15.409 | 15.381 | 15.446 | VV | 895695 | 11716094 | 100.00% | 5.223% |
| 215 | 15.455 | 15.446 | 15.488 | VV | 1254   | 14983    | 0.13%   | 0.007% |
| 216 | 15.522 | 15.488 | 15.557 | VV | 238    | 6199     | 0.05%   | 0.003% |
| 217 | 15.591 | 15.557 | 15.635 | VV | 371    | 9094     | 0.08%   | 0.004% |
| 218 | 15.651 | 15.635 | 15.681 | VV | 308    | 3890     | 0.03%   | 0.002% |
| 219 | 15.724 | 15.681 | 15.748 | PV | 165    | 3762     | 0.03%   | 0.002% |
| 220 | 15.790 | 15.748 | 15.873 | VV | 16595  | 273096   | 2.33%   | 0.122% |
| 221 | 15.888 | 15.873 | 15.908 | VV | 217    | 3636     | 0.03%   | 0.002% |
| 222 | 15.934 | 15.908 | 15.971 | VV | 2625   | 42961    | 0.37%   | 0.019% |
| 223 | 16.012 | 15.971 | 16.048 | VV | 1653   | 27620    | 0.24%   | 0.012% |
| 224 | 16.063 | 16.048 | 16.134 | VV | 457    | 6485     | 0.06%   | 0.003% |
| 225 | 16.163 | 16.134 | 16.180 | PV | 320    | 4459     | 0.04%   | 0.002% |
| 226 | 16.185 | 16.180 | 16.191 | VV | 159    | 1007     | 0.01%   | 0.000% |
| 227 | 16.205 | 16.191 | 16.226 | VV | 200    | 2452     | 0.02%   | 0.001% |
| 228 | 16.264 | 16.226 | 16.290 | PV | 459    | 10295    | 0.09%   | 0.005% |
| 229 | 16.316 | 16.290 | 16.341 | VV | 561    | 10357    | 0.09%   | 0.005% |
| 230 | 16.353 | 16.341 | 16.372 | VV | 242    | 3140     | 0.03%   | 0.001% |
| 231 | 16.442 | 16.372 | 16.482 | VV | 431662 | 5536767  | 47.26%  | 2.468% |
| 232 | 16.502 | 16.482 | 16.558 | VV | 518    | 7007     | 0.06%   | 0.003% |
| 233 | 16.645 | 16.558 | 16.678 | PV | 915    | 16080    | 0.14%   | 0.007% |
| 234 | 16.694 | 16.678 | 16.704 | VV | 58     | 683      | 0.01%   | 0.000% |
| 235 | 16.814 | 16.704 | 16.858 | PV | 2767   | 53184    | 0.45%   | 0.024% |
| 236 | 16.930 | 16.858 | 16.947 | VV | 402812 | 5908210  | 50.43%  | 2.634% |
| 237 | 16.967 | 16.947 | 16.995 | VV | 487231 | 5766552  | 49.22%  | 2.571% |
| 238 | 17.005 | 16.995 | 17.027 | VV | 886    | 12733    | 0.11%   | 0.006% |
| 239 | 17.054 | 17.027 | 17.103 | VV | 7103   | 103048   | 0.88%   | 0.046% |
| 240 | 17.124 | 17.103 | 17.147 | VV | 611    | 10018    | 0.09%   | 0.004% |
| 241 | 17.175 | 17.147 | 17.209 | VV | 2949   | 42148    | 0.36%   | 0.019% |
| 242 | 17.242 | 17.209 | 17.263 | VV | 959    | 18708    | 0.16%   | 0.008% |
| 243 | 17.317 | 17.263 | 17.345 | VV | 416498 | 5646274  | 48.19%  | 2.517% |
| 244 | 17.396 | 17.345 | 17.428 | VV | 399334 | 5377018  | 45.89%  | 2.397% |
| 245 | 17.445 | 17.428 | 17.505 | VV | 4951   | 80057    | 0.68%   | 0.036% |
| 246 | 17.515 | 17.505 | 17.525 | VV | 143    | 1327     | 0.01%   | 0.001% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 247 | 17.558 | 17.525 | 17.575 | VV | 106    | 2492    | 0.02%  | 0.001% |
| 248 | 17.605 | 17.575 | 17.624 | PV | 256    | 4896    | 0.04%  | 0.002% |
| 249 | 17.639 | 17.624 | 17.655 | VV | 136    | 1567    | 0.01%  | 0.001% |
| 250 | 17.685 | 17.655 | 17.702 | VV | 164    | 2502    | 0.02%  | 0.001% |
| 251 | 17.762 | 17.702 | 17.800 | PV | 1290   | 30417   | 0.26%  | 0.014% |
| 252 | 17.848 | 17.800 | 17.892 | VV | 3537   | 55660   | 0.48%  | 0.025% |
| 253 | 17.933 | 17.892 | 17.968 | PV | 674    | 12782   | 0.11%  | 0.006% |
| 254 | 18.010 | 17.968 | 18.045 | VV | 485    | 12178   | 0.10%  | 0.005% |
| 255 | 18.078 | 18.045 | 18.104 | VV | 549    | 9037    | 0.08%  | 0.004% |
| 256 | 18.179 | 18.104 | 18.205 | PV | 4494   | 71895   | 0.61%  | 0.032% |
| 257 | 18.292 | 18.205 | 18.328 | VV | 378967 | 5285394 | 45.11% | 2.356% |
| 258 | 18.339 | 18.328 | 18.348 | VV | 532    | 5601    | 0.05%  | 0.002% |
| 259 | 18.379 | 18.348 | 18.425 | VV | 2084   | 38306   | 0.33%  | 0.017% |
| 260 | 18.475 | 18.425 | 18.492 | VV | 801    | 16628   | 0.14%  | 0.007% |
| 261 | 18.537 | 18.492 | 18.578 | VV | 933    | 30999   | 0.26%  | 0.014% |
| 262 | 18.700 | 18.578 | 18.715 | VV | 409372 | 6381518 | 54.47% | 2.845% |
| 263 | 18.737 | 18.715 | 18.788 | VV | 423319 | 5529666 | 47.20% | 2.465% |
| 264 | 18.809 | 18.788 | 18.832 | VV | 1546   | 29031   | 0.25%  | 0.013% |
| 265 | 18.846 | 18.832 | 18.897 | VV | 814    | 15788   | 0.13%  | 0.007% |
| 266 | 18.959 | 18.897 | 18.990 | PV | 378585 | 5480312 | 46.78% | 2.443% |
| 267 | 19.075 | 18.990 | 19.083 | VV | 198    | 3247    | 0.03%  | 0.001% |
| 268 | 19.129 | 19.083 | 19.175 | VV | 372907 | 5100412 | 43.53% | 2.274% |
| 269 | 19.226 | 19.175 | 19.269 | PV | 2081   | 50233   | 0.43%  | 0.022% |
| 270 | 19.290 | 19.269 | 19.312 | VV | 655    | 13279   | 0.11%  | 0.006% |
| 271 | 19.485 | 19.312 | 19.511 | VV | 9171   | 261662  | 2.23%  | 0.117% |
| 272 | 19.528 | 19.511 | 19.578 | VV | 5659   | 153495  | 1.31%  | 0.068% |
| 273 | 19.617 | 19.578 | 19.644 | VV | 3460   | 112977  | 0.96%  | 0.050% |
| 274 | 19.670 | 19.644 | 19.687 | VV | 3131   | 74738   | 0.64%  | 0.033% |
| 275 | 19.726 | 19.687 | 19.743 | VV | 3261   | 99860   | 0.85%  | 0.045% |
| 276 | 19.781 | 19.743 | 19.810 | VV | 4094   | 142059  | 1.21%  | 0.063% |
| 277 | 19.828 | 19.810 | 19.847 | VV | 3683   | 79802   | 0.68%  | 0.036% |
| 278 | 19.917 | 19.847 | 19.958 | VV | 367893 | 5492308 | 46.88% | 2.448% |
| 279 | 19.986 | 19.958 | 20.002 | VV | 5775   | 132829  | 1.13%  | 0.059% |
| 280 | 20.021 | 20.002 | 20.055 | VV | 6038   | 168541  | 1.44%  | 0.075% |
| 281 | 20.095 | 20.055 | 20.119 | VV | 5410   | 192462  | 1.64%  | 0.086% |
| 282 | 20.206 | 20.119 | 20.225 | VV | 5693   | 328027  | 2.80%  | 0.146% |
| 283 | 20.280 | 20.225 | 20.313 | VV | 10460  | 403548  | 3.44%  | 0.180% |
| 284 | 20.345 | 20.313 | 20.364 | VV | 7070   | 212327  | 1.81%  | 0.095% |
| 285 | 20.395 | 20.364 | 20.408 | VV | 7302   | 186937  | 1.60%  | 0.083% |
| 286 | 20.458 | 20.408 | 20.489 | VV | 10609  | 391975  | 3.35%  | 0.175% |
| 287 | 20.565 | 20.489 | 20.587 | VV | 10289  | 520809  | 4.45%  | 0.232% |
| 288 | 20.662 | 20.587 | 20.708 | VV | 347946 | 5641235 | 48.15% | 2.515% |
| 289 | 20.801 | 20.708 | 20.863 | VV | 13865  | 1072747 | 9.16%  | 0.478% |
| 290 | 20.906 | 20.863 | 20.945 | VV | 10873  | 519514  | 4.43%  | 0.232% |
| 291 | 21.029 | 20.945 | 21.062 | VV | 11401  | 750760  | 6.41%  | 0.335% |
| 292 | 21.079 | 21.062 | 21.094 | VV | 10255  | 197475  | 1.69%  | 0.088% |
| 293 | 21.108 | 21.094 | 21.125 | VV | 10002  | 184628  | 1.58%  | 0.082% |
| 294 | 21.142 | 21.125 | 21.166 | VV | 9971   | 244427  | 2.09%  | 0.109% |
| 295 | 21.176 | 21.166 | 21.197 | VV | 9683   | 173042  | 1.48%  | 0.077% |
| 296 | 21.232 | 21.197 | 21.272 | VV | 10005  | 431396  | 3.68%  | 0.192% |
| 297 | 21.282 | 21.272 | 21.300 | VV | 9273   | 155043  | 1.32%  | 0.069% |
| 298 | 21.324 | 21.300 | 21.343 | VV | 9018   | 229445  | 1.96%  | 0.102% |
| 299 | 21.353 | 21.343 | 21.382 | VV | 8818   | 203251  | 1.73%  | 0.091% |

| rteres                  |        |        |        |    |           |         |        |        |
|-------------------------|--------|--------|--------|----|-----------|---------|--------|--------|
| 300                     | 21.454 | 21.382 | 21.553 | VV | 272974    | 5710537 | 48.74% | 2.546% |
| 301                     | 21.619 | 21.553 | 21.629 | VV | 6613      | 298816  | 2.55%  | 0.133% |
| 302                     | 21.664 | 21.629 | 21.691 | VV | 6549      | 238423  | 2.04%  | 0.106% |
| 303                     | 21.772 | 21.691 | 21.840 | VV | 6736      | 556131  | 4.75%  | 0.248% |
| 304                     | 21.852 | 21.840 | 21.871 | VV | 5500      | 101501  | 0.87%  | 0.045% |
| 305                     | 21.913 | 21.871 | 21.988 | VV | 5739      | 343444  | 2.93%  | 0.153% |
| 306                     | 22.006 | 21.988 | 22.019 | VV | 3796      | 68484   | 0.58%  | 0.031% |
| 307                     | 22.071 | 22.019 | 22.084 | VV | 3817      | 147338  | 1.26%  | 0.066% |
| 308                     | 22.096 | 22.084 | 22.105 | VV | 3737      | 46465   | 0.40%  | 0.021% |
| 309                     | 22.134 | 22.105 | 22.277 | VV | 3791      | 286786  | 2.45%  | 0.128% |
| 310                     | 22.297 | 22.277 | 22.342 | VV | 1731      | 60263   | 0.51%  | 0.027% |
| 311                     | 22.364 | 22.342 | 22.375 | VV | 1400      | 27197   | 0.23%  | 0.012% |
| 312                     | 22.462 | 22.375 | 22.589 | VV | 188877    | 4968372 | 42.41% | 2.215% |
| Sum of corrected areas: |        |        |        |    | 224325058 |         |        |        |

Aliphatic EPH 061325.M Tue Jul 08 06:16:56 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG070725AL\  
 Data File : FG016233.D  
 Signal(s) : FID1A.ch  
 Acq On : 07 Jul 2025 18:01  
 Operator : YP\AJ  
 Sample : Q2515-01MSD  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId  
 WC-1MSD

A  
B  
C  
D  
E  
F  
G  
H  
I  
J

Integration File: autoint1.e  
 Quant Time: Jul 08 02:24:15 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 061325.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jun 16 06:52:22 2025  
 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)    | 12.098 | 4481342    | 34.732 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 69.46%        |
| 12) S 1-chlorooctadecane (S... | 13.543 | 3820596    | 37.916 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 75.83%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.416  | 3397914    | 31.405 ug/ml  |
| 2) T n-Decane (C10)            | 4.678  | 3909659    | 35.642 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.395  | 5037267    | 42.160 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.857  | 4364747    | 39.640 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.499  | 4991395    | 42.915 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.700  | 4876690    | 44.407 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.319 | 5441311    | 47.802 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.773 | 5680223    | 48.793 ug/ml  |
| 10) T n-Eicosane (C20)         | 13.095 | 5960121    | 52.369 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.711 | 5748796    | 50.779 ug/ml  |
| 13) T n-Docosane (C22)         | 14.302 | 5728779    | 50.393 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.409 | 11720778   | 101.645 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.444 | 5543207    | 48.169 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.397 | 5373497    | 47.347 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.293 | 5255810    | 45.906 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 19.128 | 5083800    | 46.628 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.917 | 5228433    | 52.847 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.662 | 4935612    | 58.148 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.456 | 4928636    | 65.287 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.465 | 4874653    | 70.495 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

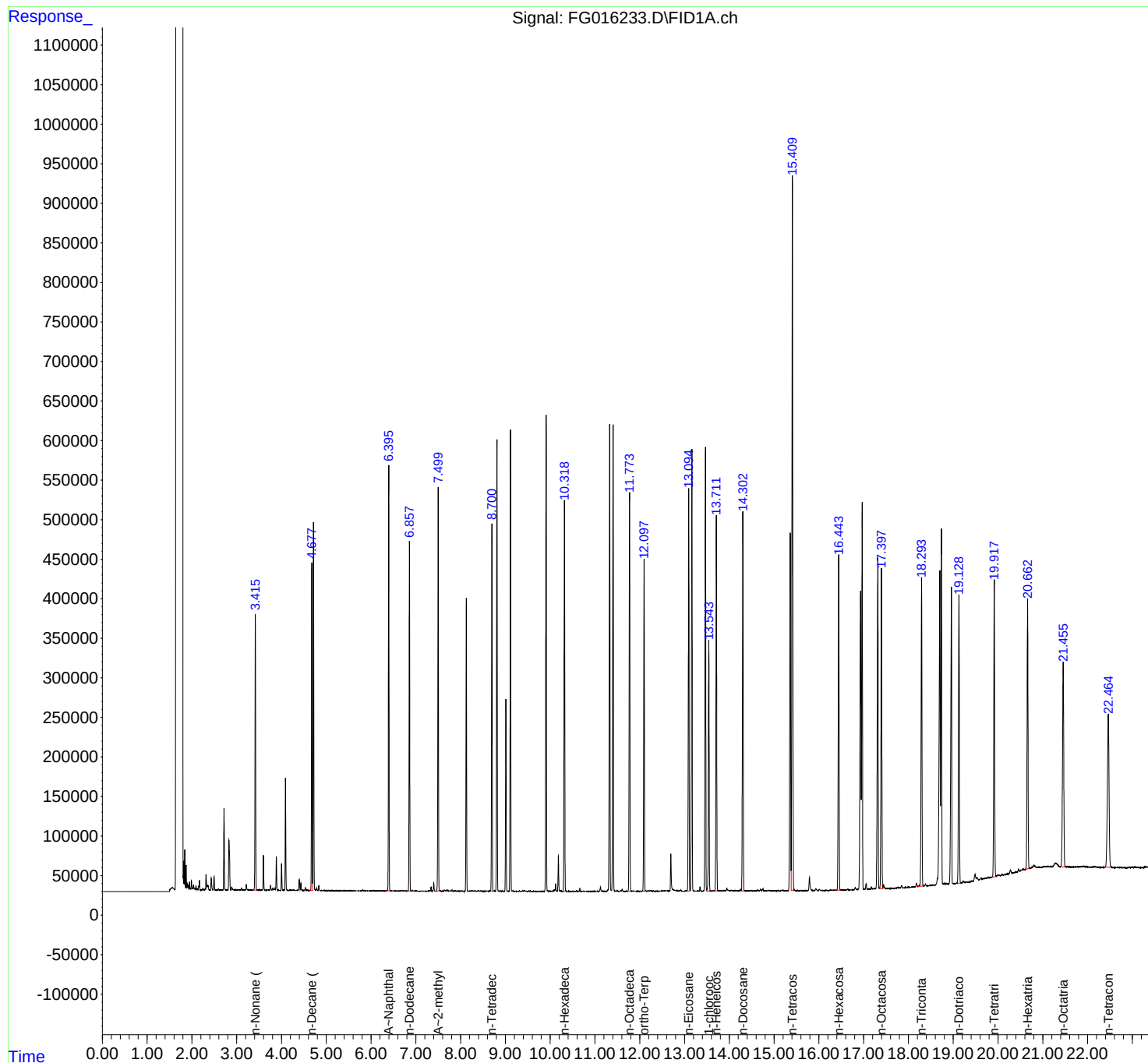
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG070725AL\  
Data File : FG016233.D  
Signal(s) : FID1A.ch  
Acq On : 07 Jul 2025 18:01  
Operator : YP\AJ  
Sample : Q2515-01MSD  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
FID\_G  
ClientSampleId :  
WC-1MSD

Integration File: autoint1.e  
Quant Time: Jul 08 02:24:15 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 061325.M  
Quant Title : GC Extractables  
QLast Update : Mon Jun 16 06:52:22 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG070725AL\  
 Data File : FG016233.D  
 Signal(s) : FID1A.ch  
 Acq On : 07 Jul 2025 18:01  
 Sample : Q2515-01MSD  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 061325.M  
 Title : GC Extractables

Signal : FID1A.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         | 3.310       | 3.297        | 3.338      | PV       | 236            | 1891         | 0.02%          | 0.001%        |
| 2         | 3.359       | 3.338        | 3.371      | PV       | 155            | 1749         | 0.01%          | 0.001%        |
| 3         | 3.415       | 3.371        | 3.455      | VV       | 348955         | 3404132      | 29.00%         | 1.514%        |
| 4         | 3.468       | 3.455        | 3.493      | VV       | 397            | 5389         | 0.05%          | 0.002%        |
| 5         | 3.509       | 3.493        | 3.531      | VV       | 578            | 7261         | 0.06%          | 0.003%        |
| 6         | 3.548       | 3.531        | 3.571      | VV       | 361            | 6930         | 0.06%          | 0.003%        |
| 7         | 3.596       | 3.571        | 3.651      | VV       | 44135          | 406953       | 3.47%          | 0.181%        |
| 8         | 3.683       | 3.651        | 3.720      | VV       | 574            | 12163        | 0.10%          | 0.005%        |
| 9         | 3.756       | 3.720        | 3.788      | VV       | 6179           | 71328        | 0.61%          | 0.032%        |
| 10        | 3.807       | 3.788        | 3.827      | VV       | 2954           | 35815        | 0.31%          | 0.016%        |
| 11        | 3.851       | 3.827        | 3.864      | VV       | 2644           | 33746        | 0.29%          | 0.015%        |
| 12        | 3.886       | 3.864        | 3.921      | VV       | 42486          | 383845       | 3.27%          | 0.171%        |
| 13        | 3.927       | 3.921        | 3.975      | VV       | 188            | 3130         | 0.03%          | 0.001%        |
| 14        | 4.002       | 3.975        | 4.039      | VV       | 34096          | 305256       | 2.60%          | 0.136%        |
| 15        | 4.090       | 4.039        | 4.159      | VV       | 139876         | 1262363      | 10.75%         | 0.562%        |
| 16        | 4.184       | 4.159        | 4.199      | VV       | 686            | 9320         | 0.08%          | 0.004%        |
| 17        | 4.215       | 4.199        | 4.235      | VV       | 574            | 8418         | 0.07%          | 0.004%        |
| 18        | 4.261       | 4.235        | 4.348      | VV       | 522            | 17914        | 0.15%          | 0.008%        |
| 19        | 4.359       | 4.348        | 4.368      | VV       | 381            | 3484         | 0.03%          | 0.002%        |
| 20        | 4.397       | 4.368        | 4.418      | VV       | 13819          | 164215       | 1.40%          | 0.073%        |
| 21        | 4.434       | 4.418        | 4.491      | VV       | 9484           | 91690        | 0.78%          | 0.041%        |
| 22        | 4.495       | 4.491        | 4.507      | VV       | 183            | 1270         | 0.01%          | 0.001%        |
| 23        | 4.533       | 4.507        | 4.550      | VV       | 3893           | 36983        | 0.32%          | 0.016%        |
| 24        | 4.558       | 4.550        | 4.602      | VV       | 831            | 10577        | 0.09%          | 0.005%        |
| 25        | 4.611       | 4.602        | 4.638      | VV       | 195            | 3470         | 0.03%          | 0.002%        |
| 26        | 4.678       | 4.638        | 4.696      | VV       | 414266         | 3915052      | 33.35%         | 1.742%        |
| 27        | 4.716       | 4.696        | 4.771      | VV       | 459793         | 4431466      | 37.75%         | 1.972%        |
| 28        | 4.787       | 4.771        | 4.815      | VV       | 3812           | 38140        | 0.32%          | 0.017%        |
| 29        | 4.834       | 4.815        | 4.868      | VV       | 6319           | 61769        | 0.53%          | 0.027%        |
| 30        | 4.898       | 4.868        | 4.938      | VV       | 228            | 4820         | 0.04%          | 0.002%        |
| 31        | 4.954       | 4.938        | 4.975      | VV       | 1055           | 10366        | 0.09%          | 0.005%        |
| 32        | 4.989       | 4.975        | 5.005      | VV       | 181            | 1879         | 0.02%          | 0.001%        |
| 33        | 5.046       | 5.005        | 5.061      | VV       | 185            | 3303         | 0.03%          | 0.001%        |
| 34        | 5.091       | 5.061        | 5.165      | VV       | 155            | 5548         | 0.05%          | 0.002%        |
| 35        | 5.192       | 5.165        | 5.211      | VV       | 199            | 3679         | 0.03%          | 0.002%        |
| 36        | 5.229       | 5.211        | 5.247      | VV       | 169            | 1993         | 0.02%          | 0.001%        |



|    |       |       |       |    | rterres |         |        |        |
|----|-------|-------|-------|----|---------|---------|--------|--------|
| 37 | 5.257 | 5.247 | 5.266 | VV | 95      | 749     | 0.01%  | 0.000% |
| 38 | 5.304 | 5.266 | 5.323 | VV | 570     | 7566    | 0.06%  | 0.003% |
| 39 | 5.335 | 5.323 | 5.368 | VV | 244     | 3399    | 0.03%  | 0.002% |
| 40 | 5.387 | 5.368 | 5.409 | PV | 190     | 3006    | 0.03%  | 0.001% |
| 41 | 5.431 | 5.409 | 5.451 | VV | 148     | 2597    | 0.02%  | 0.001% |
| 42 | 5.468 | 5.451 | 5.514 | VV | 156     | 3174    | 0.03%  | 0.001% |
| 43 | 5.550 | 5.514 | 5.564 | VV | 227     | 3451    | 0.03%  | 0.002% |
| 44 | 5.581 | 5.564 | 5.602 | VV | 179     | 2244    | 0.02%  | 0.001% |
| 45 | 5.619 | 5.602 | 5.640 | PV | 407     | 4194    | 0.04%  | 0.002% |
| 46 | 5.657 | 5.640 | 5.683 | VV | 133     | 1870    | 0.02%  | 0.001% |
| 47 | 5.695 | 5.683 | 5.708 | VV | 111     | 888     | 0.01%  | 0.000% |
| 48 | 5.715 | 5.708 | 5.751 | VV | 63      | 999     | 0.01%  | 0.000% |
| 49 | 5.765 | 5.751 | 5.793 | VV | 95      | 1664    | 0.01%  | 0.001% |
| 50 | 5.818 | 5.793 | 5.836 | PV | 1253    | 12904   | 0.11%  | 0.006% |
| 51 | 5.850 | 5.836 | 5.866 | VV | 447     | 4140    | 0.04%  | 0.002% |
| 52 | 5.882 | 5.866 | 5.902 | VV | 280     | 3674    | 0.03%  | 0.002% |
| 53 | 5.919 | 5.902 | 5.936 | VV | 233     | 3065    | 0.03%  | 0.001% |
| 54 | 5.948 | 5.936 | 5.971 | VV | 128     | 1523    | 0.01%  | 0.001% |
| 55 | 5.979 | 5.971 | 6.011 | VV | 34      | 961     | 0.01%  | 0.000% |
| 56 | 6.019 | 6.011 | 6.035 | VV | 100     | 969     | 0.01%  | 0.000% |
| 57 | 6.055 | 6.035 | 6.113 | VV | 463     | 10118   | 0.09%  | 0.005% |
| 58 | 6.135 | 6.113 | 6.163 | VV | 307     | 3544    | 0.03%  | 0.002% |
| 59 | 6.186 | 6.163 | 6.218 | PV | 317     | 4235    | 0.04%  | 0.002% |
| 60 | 6.232 | 6.218 | 6.253 | VV | 414     | 4423    | 0.04%  | 0.002% |
| 61 | 6.273 | 6.253 | 6.310 | VV | 170     | 2665    | 0.02%  | 0.001% |
| 62 | 6.329 | 6.310 | 6.341 | VV | 200     | 2612    | 0.02%  | 0.001% |
| 63 | 6.395 | 6.341 | 6.431 | VV | 538892  | 5050745 | 43.02% | 2.247% |
| 64 | 6.444 | 6.431 | 6.463 | VV | 582     | 7927    | 0.07%  | 0.004% |
| 65 | 6.474 | 6.463 | 6.529 | VV | 344     | 8839    | 0.08%  | 0.004% |
| 66 | 6.566 | 6.529 | 6.618 | VV | 255     | 7953    | 0.07%  | 0.004% |
| 67 | 6.643 | 6.618 | 6.668 | VV | 235     | 4157    | 0.04%  | 0.002% |
| 68 | 6.691 | 6.668 | 6.727 | VV | 1094    | 15314   | 0.13%  | 0.007% |
| 69 | 6.739 | 6.727 | 6.778 | VV | 318     | 5291    | 0.05%  | 0.002% |
| 70 | 6.784 | 6.778 | 6.820 | VV | 229     | 3866    | 0.03%  | 0.002% |
| 71 | 6.857 | 6.820 | 6.911 | VV | 444976  | 4373820 | 37.26% | 1.946% |
| 72 | 6.928 | 6.911 | 6.975 | VV | 878     | 12185   | 0.10%  | 0.005% |
| 73 | 7.008 | 6.975 | 7.042 | VV | 280     | 6541    | 0.06%  | 0.003% |
| 74 | 7.056 | 7.042 | 7.116 | VV | 96      | 1919    | 0.02%  | 0.001% |
| 75 | 7.144 | 7.116 | 7.161 | VV | 163     | 2212    | 0.02%  | 0.001% |
| 76 | 7.185 | 7.161 | 7.212 | VV | 78      | 1603    | 0.01%  | 0.001% |
| 77 | 7.223 | 7.212 | 7.237 | PV | 88      | 719     | 0.01%  | 0.000% |
| 78 | 7.249 | 7.237 | 7.256 | VV | 76      | 484     | 0.00%  | 0.000% |
| 79 | 7.279 | 7.256 | 7.301 | VV | 334     | 4074    | 0.03%  | 0.002% |
| 80 | 7.339 | 7.301 | 7.374 | VV | 5220    | 51219   | 0.44%  | 0.023% |
| 81 | 7.400 | 7.374 | 7.458 | VV | 10724   | 106746  | 0.91%  | 0.047% |
| 82 | 7.499 | 7.458 | 7.598 | VV | 507395  | 5009666 | 42.67% | 2.229% |
| 83 | 7.602 | 7.598 | 7.614 | VV | 120     | 784     | 0.01%  | 0.000% |
| 84 | 7.637 | 7.614 | 7.675 | VV | 1643    | 24535   | 0.21%  | 0.011% |
| 85 | 7.696 | 7.675 | 7.712 | VV | 2027    | 25736   | 0.22%  | 0.011% |
| 86 | 7.721 | 7.712 | 7.751 | VV | 1051    | 12480   | 0.11%  | 0.006% |
| 87 | 7.773 | 7.751 | 7.791 | VV | 986     | 11340   | 0.10%  | 0.005% |
| 88 | 7.807 | 7.791 | 7.832 | VV | 1417    | 15469   | 0.13%  | 0.007% |
| 89 | 7.861 | 7.832 | 7.885 | VV | 410     | 8666    | 0.07%  | 0.004% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 90  | 7.899  | 7.885  | 7.918  | VV | 323    | 4275    | 0.04%  | 0.002% |
| 91  | 7.924  | 7.918  | 7.936  | VV | 126    | 1295    | 0.01%  | 0.001% |
| 92  | 7.942  | 7.936  | 7.968  | VV | 102    | 1831    | 0.02%  | 0.001% |
| 93  | 7.986  | 7.968  | 8.008  | VV | 584    | 6638    | 0.06%  | 0.003% |
| 94  | 8.028  | 8.008  | 8.080  | VV | 486    | 7857    | 0.07%  | 0.003% |
| 95  | 8.237  | 8.201  | 8.258  | VV | 502    | 9691    | 0.08%  | 0.004% |
| 96  | 8.270  | 8.258  | 8.285  | VV | 659    | 7141    | 0.06%  | 0.003% |
| 97  | 8.296  | 8.285  | 8.328  | VV | 425    | 7040    | 0.06%  | 0.003% |
| 98  | 8.341  | 8.328  | 8.365  | VV | 166    | 2437    | 0.02%  | 0.001% |
| 99  | 8.388  | 8.365  | 8.422  | VV | 1257   | 15451   | 0.13%  | 0.007% |
| 100 | 8.445  | 8.422  | 8.504  | VV | 669    | 11224   | 0.10%  | 0.005% |
| 101 | 8.513  | 8.504  | 8.533  | VV | 71     | 921     | 0.01%  | 0.000% |
| 102 | 8.590  | 8.533  | 8.644  | VV | 367    | 12685   | 0.11%  | 0.006% |
| 103 | 8.700  | 8.644  | 8.740  | VV | 465509 | 4894598 | 41.69% | 2.178% |
| 104 | 8.756  | 8.740  | 8.769  | VV | 269    | 3532    | 0.03%  | 0.002% |
| 105 | 8.812  | 8.769  | 8.868  | VV | 569316 | 5746601 | 48.95% | 2.557% |
| 106 | 8.883  | 8.868  | 8.898  | VV | 289    | 3768    | 0.03%  | 0.002% |
| 107 | 8.928  | 8.898  | 8.964  | VV | 552    | 7989    | 0.07%  | 0.004% |
| 108 | 9.051  | 9.045  | 9.081  | VV | 365    | 6010    | 0.05%  | 0.003% |
| 109 | 9.115  | 9.081  | 9.151  | VV | 580318 | 5883513 | 50.12% | 2.618% |
| 110 | 9.171  | 9.151  | 9.215  | VV | 509    | 9121    | 0.08%  | 0.004% |
| 111 | 9.236  | 9.215  | 9.280  | VV | 243    | 4604    | 0.04%  | 0.002% |
| 112 | 9.306  | 9.280  | 9.362  | VV | 506    | 8169    | 0.07%  | 0.004% |
| 113 | 9.386  | 9.362  | 9.404  | VV | 1167   | 13397   | 0.11%  | 0.006% |
| 114 | 9.426  | 9.404  | 9.491  | VV | 1004   | 21521   | 0.18%  | 0.010% |
| 115 | 9.529  | 9.491  | 9.548  | PV | 827    | 9825    | 0.08%  | 0.004% |
| 116 | 9.558  | 9.548  | 9.609  | VV | 238    | 4348    | 0.04%  | 0.002% |
| 117 | 9.627  | 9.609  | 9.672  | VV | 342    | 4299    | 0.04%  | 0.002% |
| 118 | 9.682  | 9.672  | 9.688  | VV | 28     | 341     | 0.00%  | 0.000% |
| 119 | 9.696  | 9.688  | 9.701  | PV | 61     | 366     | 0.00%  | 0.000% |
| 120 | 9.717  | 9.701  | 9.738  | VV | 138    | 1841    | 0.02%  | 0.001% |
| 121 | 9.748  | 9.738  | 9.756  | VV | 81     | 674     | 0.01%  | 0.000% |
| 122 | 9.774  | 9.756  | 9.817  | VV | 265    | 4584    | 0.04%  | 0.002% |
| 123 | 9.831  | 9.817  | 9.848  | VV | 225    | 2207    | 0.02%  | 0.001% |
| 124 | 9.910  | 9.848  | 9.939  | VV | 610230 | 6261755 | 53.34% | 2.786% |
| 125 | 9.951  | 9.939  | 9.979  | VV | 633    | 10022   | 0.09%  | 0.004% |
| 126 | 10.010 | 9.979  | 10.030 | VV | 398    | 7718    | 0.07%  | 0.003% |
| 127 | 10.053 | 10.030 | 10.067 | VV | 502    | 7763    | 0.07%  | 0.003% |
| 128 | 10.090 | 10.067 | 10.105 | VV | 2084   | 28789   | 0.25%  | 0.013% |
| 129 | 10.121 | 10.105 | 10.157 | VV | 9328   | 97316   | 0.83%  | 0.043% |
| 130 | 10.184 | 10.157 | 10.232 | VV | 45262  | 465522  | 3.97%  | 0.207% |
| 131 | 10.250 | 10.232 | 10.273 | VV | 582    | 8367    | 0.07%  | 0.004% |
| 132 | 10.318 | 10.273 | 10.374 | VV | 491375 | 5446403 | 46.39% | 2.423% |
| 133 | 10.406 | 10.374 | 10.442 | VV | 478    | 9468    | 0.08%  | 0.004% |
| 134 | 10.482 | 10.442 | 10.527 | VV | 208    | 4933    | 0.04%  | 0.002% |
| 135 | 10.545 | 10.527 | 10.560 | PV | 215    | 2773    | 0.02%  | 0.001% |
| 136 | 10.597 | 10.560 | 10.620 | VV | 461    | 8170    | 0.07%  | 0.004% |
| 137 | 10.662 | 10.620 | 10.690 | PV | 4123   | 44123   | 0.38%  | 0.020% |
| 138 | 10.708 | 10.690 | 10.724 | VV | 189    | 3072    | 0.03%  | 0.001% |
| 139 | 10.760 | 10.724 | 10.791 | VV | 356    | 7823    | 0.07%  | 0.003% |
| 140 | 10.798 | 10.791 | 10.818 | VV | 183    | 2008    | 0.02%  | 0.001% |
| 141 | 10.836 | 10.818 | 10.860 | VV | 229    | 3869    | 0.03%  | 0.002% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 10.869 | 10.860 | 10.916 | VV | 164    | 3210    | 0.03%  | 0.001% |
| 143 | 10.928 | 10.916 | 10.938 | VV | 122    | 1148    | 0.01%  | 0.001% |
| 144 | 10.968 | 10.938 | 11.000 | VV | 379    | 8394    | 0.07%  | 0.004% |
| 145 | 11.015 | 11.000 | 11.041 | VV | 469    | 5763    | 0.05%  | 0.003% |
| 146 | 11.059 | 11.041 | 11.091 | VV | 427    | 6043    | 0.05%  | 0.003% |
| 147 | 11.123 | 11.091 | 11.147 | VV | 5762   | 73126   | 0.62%  | 0.033% |
| 148 | 11.162 | 11.147 | 11.186 | VV | 598    | 9854    | 0.08%  | 0.004% |
| 149 | 11.202 | 11.186 | 11.233 | VV | 302    | 6058    | 0.05%  | 0.003% |
| 150 | 11.328 | 11.233 | 11.367 | VV | 589459 | 6508418 | 55.44% | 2.896% |
| 151 | 11.405 | 11.367 | 11.455 | VV | 587428 | 6531031 | 55.63% | 2.906% |
| 152 | 11.475 | 11.455 | 11.501 | VV | 979    | 15090   | 0.13%  | 0.007% |
| 153 | 11.511 | 11.501 | 11.551 | VV | 370    | 6581    | 0.06%  | 0.003% |
| 154 | 11.572 | 11.551 | 11.590 | VV | 1391   | 16663   | 0.14%  | 0.007% |
| 155 | 11.608 | 11.590 | 11.651 | VV | 3000   | 31399   | 0.27%  | 0.014% |
| 156 | 11.701 | 11.651 | 11.723 | PV | 357    | 6427    | 0.05%  | 0.003% |
| 157 | 11.773 | 11.723 | 11.811 | VV | 493092 | 5684607 | 48.42% | 2.529% |
| 158 | 11.851 | 11.811 | 11.884 | VV | 601    | 13467   | 0.11%  | 0.006% |
| 159 | 11.932 | 11.884 | 11.950 | VV | 281    | 6591    | 0.06%  | 0.003% |
| 160 | 11.965 | 11.950 | 11.995 | VV | 340    | 4952    | 0.04%  | 0.002% |
| 161 | 12.017 | 11.995 | 12.041 | VV | 183    | 2932    | 0.02%  | 0.001% |
| 162 | 12.097 | 12.041 | 12.149 | VV | 419429 | 4491575 | 38.26% | 1.998% |
| 163 | 12.166 | 12.149 | 12.177 | VV | 412    | 5684    | 0.05%  | 0.003% |
| 164 | 12.192 | 12.177 | 12.209 | VV | 576    | 8571    | 0.07%  | 0.004% |
| 165 | 12.228 | 12.209 | 12.271 | VV | 1155   | 23705   | 0.20%  | 0.011% |
| 166 | 12.282 | 12.271 | 12.296 | VV | 502    | 5694    | 0.05%  | 0.003% |
| 167 | 12.309 | 12.296 | 12.337 | VV | 432    | 6379    | 0.05%  | 0.003% |
| 168 | 12.380 | 12.337 | 12.406 | PV | 427    | 7927    | 0.07%  | 0.004% |
| 169 | 12.445 | 12.406 | 12.466 | VV | 461    | 10323   | 0.09%  | 0.005% |
| 170 | 12.492 | 12.466 | 12.522 | VV | 743    | 18085   | 0.15%  | 0.008% |
| 171 | 12.559 | 12.522 | 12.641 | VV | 1038   | 48531   | 0.41%  | 0.022% |
| 172 | 12.695 | 12.641 | 12.800 | VV | 47321  | 638096  | 5.44%  | 0.284% |
| 173 | 12.811 | 12.800 | 12.866 | VV | 1028   | 30124   | 0.26%  | 0.013% |
| 174 | 12.914 | 12.866 | 12.963 | VV | 1766   | 43581   | 0.37%  | 0.019% |
| 175 | 12.984 | 12.963 | 12.997 | VV | 293    | 5256    | 0.04%  | 0.002% |
| 176 | 13.034 | 12.997 | 13.058 | VV | 671    | 14899   | 0.13%  | 0.007% |
| 177 | 13.095 | 13.058 | 13.126 | VV | 510919 | 5977132 | 50.91% | 2.659% |
| 178 | 13.166 | 13.126 | 13.225 | VV | 551844 | 6444784 | 54.90% | 2.867% |
| 179 | 13.239 | 13.225 | 13.255 | VV | 273    | 4102    | 0.03%  | 0.002% |
| 180 | 13.264 | 13.255 | 13.274 | VV | 283    | 2689    | 0.02%  | 0.001% |
| 181 | 13.289 | 13.274 | 13.314 | VV | 380    | 6675    | 0.06%  | 0.003% |
| 182 | 13.346 | 13.314 | 13.381 | VV | 5341   | 62550   | 0.53%  | 0.028% |
| 183 | 13.390 | 13.381 | 13.398 | VV | 179    | 1522    | 0.01%  | 0.001% |
| 184 | 13.468 | 13.398 | 13.495 | VV | 557431 | 6381661 | 54.36% | 2.839% |
| 185 | 13.542 | 13.495 | 13.618 | VV | 311355 | 3835091 | 32.67% | 1.706% |
| 186 | 13.653 | 13.618 | 13.670 | VV | 542    | 10052   | 0.09%  | 0.004% |
| 187 | 13.711 | 13.670 | 13.746 | VV | 475880 | 5763755 | 49.10% | 2.564% |
| 188 | 13.765 | 13.746 | 13.781 | VV | 659    | 11290   | 0.10%  | 0.005% |
| 189 | 13.805 | 13.781 | 13.875 | VV | 736    | 31963   | 0.27%  | 0.014% |
| 190 | 13.901 | 13.875 | 13.925 | VV | 1196   | 23159   | 0.20%  | 0.010% |
| 191 | 13.943 | 13.925 | 14.021 | VV | 3687   | 79509   | 0.68%  | 0.035% |
| 192 | 14.045 | 14.021 | 14.069 | VV | 876    | 20714   | 0.18%  | 0.009% |
| 193 | 14.088 | 14.069 | 14.109 | VV | 778    | 13939   | 0.12%  | 0.006% |
| 194 | 14.140 | 14.109 | 14.181 | VV | 1076   | 25205   | 0.21%  | 0.011% |

|     |        |        |        |    | rteres |          |         |        |
|-----|--------|--------|--------|----|--------|----------|---------|--------|
| 195 | 14.212 | 14.181 | 14.221 | VV | 313    | 6752     | 0.06%   | 0.003% |
| 196 | 14.250 | 14.221 | 14.268 | VV | 2555   | 35347    | 0.30%   | 0.016% |
| 197 | 14.302 | 14.268 | 14.409 | VV | 477625 | 5745518  | 48.94%  | 2.556% |
| 198 | 14.432 | 14.409 | 14.449 | VV | 290    | 4179     | 0.04%   | 0.002% |
| 199 | 14.476 | 14.449 | 14.515 | VV | 1081   | 15705    | 0.13%   | 0.007% |
| 200 | 14.538 | 14.515 | 14.569 | VV | 385    | 7410     | 0.06%   | 0.003% |
| 201 | 14.586 | 14.569 | 14.608 | VV | 141    | 2529     | 0.02%   | 0.001% |
| 202 | 14.635 | 14.608 | 14.671 | VV | 1861   | 24813    | 0.21%   | 0.011% |
| 203 | 14.699 | 14.671 | 14.721 | VV | 2429   | 36041    | 0.31%   | 0.016% |
| 204 | 14.742 | 14.721 | 14.775 | VV | 2399   | 33667    | 0.29%   | 0.015% |
| 205 | 14.782 | 14.775 | 14.841 | VV | 233    | 6107     | 0.05%   | 0.003% |
| 206 | 14.870 | 14.841 | 14.891 | VV | 1103   | 17193    | 0.15%   | 0.008% |
| 207 | 14.905 | 14.891 | 14.951 | VV | 629    | 14571    | 0.12%   | 0.006% |
| 208 | 14.971 | 14.951 | 15.007 | VV | 458    | 9866     | 0.08%   | 0.004% |
| 209 | 15.024 | 15.007 | 15.053 | VV | 390    | 5264     | 0.04%   | 0.002% |
| 210 | 15.087 | 15.053 | 15.124 | PV | 673    | 12042    | 0.10%   | 0.005% |
| 211 | 15.179 | 15.124 | 15.196 | PV | 986    | 16358    | 0.14%   | 0.007% |
| 212 | 15.207 | 15.196 | 15.231 | VV | 633    | 10060    | 0.09%   | 0.004% |
| 213 | 15.253 | 15.231 | 15.313 | VV | 531    | 12785    | 0.11%   | 0.006% |
| 214 | 15.361 | 15.313 | 15.381 | VV | 452335 | 6108428  | 52.03%  | 2.718% |
| 215 | 15.408 | 15.381 | 15.445 | VV | 900058 | 11739593 | 100.00% | 5.223% |
| 216 | 15.455 | 15.445 | 15.495 | VV | 1329   | 15332    | 0.13%   | 0.007% |
| 217 | 15.524 | 15.495 | 15.551 | VV | 202    | 4213     | 0.04%   | 0.002% |
| 218 | 15.590 | 15.551 | 15.631 | VV | 303    | 8069     | 0.07%   | 0.004% |
| 219 | 15.654 | 15.631 | 15.681 | VV | 241    | 3625     | 0.03%   | 0.002% |
| 220 | 15.708 | 15.681 | 15.752 | PV | 155    | 4166     | 0.04%   | 0.002% |
| 221 | 15.791 | 15.752 | 15.875 | VV | 16669  | 273977   | 2.33%   | 0.122% |
| 222 | 15.889 | 15.875 | 15.904 | VV | 228    | 3092     | 0.03%   | 0.001% |
| 223 | 15.933 | 15.904 | 15.971 | VV | 2529   | 43009    | 0.37%   | 0.019% |
| 224 | 16.013 | 15.971 | 16.045 | VV | 1592   | 27633    | 0.24%   | 0.012% |
| 225 | 16.066 | 16.045 | 16.097 | VV | 453    | 6151     | 0.05%   | 0.003% |
| 226 | 16.161 | 16.097 | 16.180 | PV | 302    | 4625     | 0.04%   | 0.002% |
| 227 | 16.203 | 16.180 | 16.225 | VV | 184    | 2920     | 0.02%   | 0.001% |
| 228 | 16.258 | 16.225 | 16.291 | PV | 489    | 10537    | 0.09%   | 0.005% |
| 229 | 16.317 | 16.291 | 16.341 | VV | 647    | 10198    | 0.09%   | 0.005% |
| 230 | 16.358 | 16.341 | 16.377 | VV | 234    | 3705     | 0.03%   | 0.002% |
| 231 | 16.444 | 16.377 | 16.488 | VV | 420347 | 5554442  | 47.31%  | 2.471% |
| 232 | 16.505 | 16.488 | 16.551 | VV | 536    | 7072     | 0.06%   | 0.003% |
| 233 | 16.580 | 16.551 | 16.594 | VV | 141    | 1919     | 0.02%   | 0.001% |
| 234 | 16.645 | 16.594 | 16.701 | PV | 932    | 16025    | 0.14%   | 0.007% |
| 235 | 16.761 | 16.701 | 16.771 | PV | 194    | 3914     | 0.03%   | 0.002% |
| 236 | 16.814 | 16.771 | 16.853 | VV | 2715   | 46757    | 0.40%   | 0.021% |
| 237 | 16.931 | 16.853 | 16.948 | VV | 378392 | 5902870  | 50.28%  | 2.626% |
| 238 | 16.967 | 16.948 | 16.995 | VV | 489371 | 5759266  | 49.06%  | 2.562% |
| 239 | 17.007 | 16.995 | 17.027 | VV | 821    | 11834    | 0.10%   | 0.005% |
| 240 | 17.055 | 17.027 | 17.104 | VV | 7218   | 99958    | 0.85%   | 0.044% |
| 241 | 17.122 | 17.104 | 17.146 | VV | 590    | 9111     | 0.08%   | 0.004% |
| 242 | 17.175 | 17.146 | 17.211 | VV | 2885   | 41815    | 0.36%   | 0.019% |
| 243 | 17.243 | 17.211 | 17.264 | VV | 963    | 18291    | 0.16%   | 0.008% |
| 244 | 17.316 | 17.264 | 17.345 | VV | 424477 | 5643241  | 48.07%  | 2.511% |
| 245 | 17.397 | 17.345 | 17.429 | VV | 404425 | 5389048  | 45.90%  | 2.398% |
| 246 | 17.446 | 17.429 | 17.501 | VV | 5162   | 82405    | 0.70%   | 0.037% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 247 | 17.523 | 17.501 | 17.538 | VV | 152    | 2695    | 0.02%  | 0.001% |
| 248 | 17.546 | 17.538 | 17.564 | VV | 126    | 1309    | 0.01%  | 0.001% |
| 249 | 17.600 | 17.564 | 17.624 | PV | 198    | 3701    | 0.03%  | 0.002% |
| 250 | 17.762 | 17.624 | 17.800 | VV | 1294   | 30492   | 0.26%  | 0.014% |
| 251 | 17.848 | 17.800 | 17.901 | VV | 3101   | 50215   | 0.43%  | 0.022% |
| 252 | 17.935 | 17.901 | 17.962 | PV | 733    | 11543   | 0.10%  | 0.005% |
| 253 | 18.010 | 17.962 | 18.048 | VV | 496    | 13292   | 0.11%  | 0.006% |
| 254 | 18.077 | 18.048 | 18.104 | VV | 503    | 8748    | 0.07%  | 0.004% |
| 255 | 18.180 | 18.104 | 18.207 | PV | 4572   | 72148   | 0.61%  | 0.032% |
| 256 | 18.293 | 18.207 | 18.329 | VV | 390080 | 5288109 | 45.05% | 2.353% |
| 257 | 18.379 | 18.329 | 18.425 | VV | 2284   | 52248   | 0.45%  | 0.023% |
| 258 | 18.477 | 18.425 | 18.493 | VV | 773    | 16639   | 0.14%  | 0.007% |
| 259 | 18.536 | 18.493 | 18.577 | VV | 799    | 25106   | 0.21%  | 0.011% |
| 260 | 18.700 | 18.577 | 18.715 | VV | 396875 | 6349818 | 54.09% | 2.825% |
| 261 | 18.737 | 18.715 | 18.787 | VV | 453796 | 5542848 | 47.21% | 2.466% |
| 262 | 18.810 | 18.787 | 18.831 | VV | 1640   | 31351   | 0.27%  | 0.014% |
| 263 | 18.848 | 18.831 | 18.872 | VV | 1047   | 19577   | 0.17%  | 0.009% |
| 264 | 18.881 | 18.872 | 18.890 | VV | 507    | 4757    | 0.04%  | 0.002% |
| 265 | 18.959 | 18.890 | 18.991 | VV | 372921 | 5504005 | 46.88% | 2.449% |
| 266 | 19.018 | 18.991 | 19.031 | VV | 336    | 7398    | 0.06%  | 0.003% |
| 267 | 19.075 | 19.031 | 19.083 | VV | 374    | 8367    | 0.07%  | 0.004% |
| 268 | 19.128 | 19.083 | 19.183 | VV | 364139 | 5094016 | 43.39% | 2.266% |
| 269 | 19.226 | 19.183 | 19.269 | PV | 2123   | 50562   | 0.43%  | 0.022% |
| 270 | 19.288 | 19.269 | 19.315 | VV | 705    | 14648   | 0.12%  | 0.007% |
| 271 | 19.348 | 19.315 | 19.358 | VV | 519    | 12234   | 0.10%  | 0.005% |
| 272 | 19.486 | 19.358 | 19.513 | VV | 8837   | 244119  | 2.08%  | 0.109% |
| 273 | 19.531 | 19.513 | 19.568 | VV | 4902   | 125311  | 1.07%  | 0.056% |
| 274 | 19.619 | 19.568 | 19.645 | VV | 3583   | 126712  | 1.08%  | 0.056% |
| 275 | 19.670 | 19.645 | 19.686 | VV | 3122   | 72305   | 0.62%  | 0.032% |
| 276 | 19.728 | 19.686 | 19.743 | VV | 3431   | 105189  | 0.90%  | 0.047% |
| 277 | 19.779 | 19.743 | 19.805 | VV | 4001   | 128225  | 1.09%  | 0.057% |
| 278 | 19.916 | 19.805 | 19.959 | VV | 382382 | 5565986 | 47.41% | 2.476% |
| 279 | 19.986 | 19.959 | 20.001 | VV | 5554   | 124980  | 1.06%  | 0.056% |
| 280 | 20.021 | 20.001 | 20.045 | VV | 5735   | 136989  | 1.17%  | 0.061% |
| 281 | 20.097 | 20.045 | 20.121 | VV | 5639   | 234818  | 2.00%  | 0.104% |
| 282 | 20.208 | 20.121 | 20.226 | VV | 5915   | 348970  | 2.97%  | 0.155% |
| 283 | 20.276 | 20.226 | 20.314 | VV | 10053  | 390293  | 3.32%  | 0.174% |
| 284 | 20.393 | 20.314 | 20.413 | VV | 7055   | 391828  | 3.34%  | 0.174% |
| 285 | 20.458 | 20.413 | 20.491 | VV | 10257  | 379315  | 3.23%  | 0.169% |
| 286 | 20.562 | 20.491 | 20.587 | VV | 10274  | 519484  | 4.43%  | 0.231% |
| 287 | 20.661 | 20.587 | 20.699 | VV | 350201 | 5570846 | 47.45% | 2.478% |
| 288 | 20.801 | 20.699 | 20.819 | VV | 13565  | 816312  | 6.95%  | 0.363% |
| 289 | 20.826 | 20.819 | 20.862 | VV | 12165  | 288991  | 2.46%  | 0.129% |
| 290 | 20.891 | 20.862 | 20.923 | VV | 10509  | 381379  | 3.25%  | 0.170% |
| 291 | 20.941 | 20.923 | 20.968 | VV | 10195  | 271835  | 2.32%  | 0.121% |
| 292 | 21.026 | 20.968 | 21.064 | VV | 10908  | 590874  | 5.03%  | 0.263% |
| 293 | 21.079 | 21.064 | 21.115 | VV | 10274  | 308963  | 2.63%  | 0.137% |
| 294 | 21.141 | 21.115 | 21.184 | VV | 10265  | 410386  | 3.50%  | 0.183% |
| 295 | 21.206 | 21.184 | 21.214 | VV | 9542   | 172373  | 1.47%  | 0.077% |
| 296 | 21.295 | 21.214 | 21.393 | VV | 13223  | 1160059 | 9.88%  | 0.516% |
| 297 | 21.455 | 21.393 | 21.505 | VV | 262138 | 5447156 | 46.40% | 2.423% |
| 298 | 21.522 | 21.505 | 21.545 | VV | 7583   | 179382  | 1.53%  | 0.080% |
| 299 | 21.554 | 21.545 | 21.599 | VV | 7337   | 231087  | 1.97%  | 0.103% |

|                         |        |        |        |     | rterres   |         |        |        |
|-------------------------|--------|--------|--------|-----|-----------|---------|--------|--------|
| 300                     | 21.616 | 21.599 | 21.655 | VV  | 6579      | 213369  | 1.82%  | 0.095% |
| 301                     | 21.708 | 21.655 | 21.731 | VV  | 6259      | 285342  | 2.43%  | 0.127% |
| 302                     | 21.779 | 21.731 | 21.797 | VV  | 5952      | 234743  | 2.00%  | 0.104% |
| 303                     | 21.838 | 21.797 | 21.848 | VV  | 5814      | 173086  | 1.47%  | 0.077% |
| 304                     | 21.905 | 21.848 | 21.961 | VV  | 5909      | 380792  | 3.24%  | 0.169% |
| 305                     | 21.990 | 21.961 | 22.046 | VV  | 4909      | 230406  | 1.96%  | 0.103% |
| 306                     | 22.058 | 22.046 | 22.087 | VV  | 4060      | 96765   | 0.82%  | 0.043% |
| 307                     | 22.113 | 22.087 | 22.130 | VV  | 3890      | 95786   | 0.82%  | 0.043% |
| 308                     | 22.150 | 22.130 | 22.177 | VV  | 3869      | 105128  | 0.90%  | 0.047% |
| 309                     | 22.186 | 22.177 | 22.234 | VV  | 3659      | 110557  | 0.94%  | 0.049% |
| 310                     | 22.267 | 22.234 | 22.298 | VV  | 2806      | 102792  | 0.88%  | 0.046% |
| 311                     | 22.310 | 22.298 | 22.337 | VV  | 2474      | 53269   | 0.45%  | 0.024% |
| 312                     | 22.463 | 22.337 | 22.601 | VBA | 195412    | 5109922 | 43.53% | 2.273% |
| Sum of corrected areas: |        |        |        |     | 224773298 |         |        |        |

Aliphatic EPH 061325.M Tue Jul 08 06:17:26 2025

## Manual Integration Report

Sequence:

FE062725AL

Instrument

FID\_e

| Sample ID              | File ID    | Parameter               | Review By | Review On               | Supervised By | Supervised On     | Reason                      |
|------------------------|------------|-------------------------|-----------|-------------------------|---------------|-------------------|-----------------------------|
| 50 PPM<br>ALIPHATIC HC | FE054609.D | n-Octatriacontane (C38) | yogesh    | 6/30/2025 7:50:48<br>AM | mohammad      | 6/30/2025 9:33:27 | Peak Integrated by Software |
| 50 PPM<br>ALIPHATIC HC | FE054609.D | n-Tetracontane (C40)    | yogesh    | 6/30/2025 7:50:48<br>AM | mohammad      | 6/30/2025 9:33:27 | Peak Integrated by Software |
| Q2429-02               | FE054617.D | ortho-Terphenyl (SURR)  | yogesh    | 6/30/2025 7:50:50<br>AM | mohammad      | 6/30/2025 9:33:27 | Peak Integrated by Software |
| 20 PPM<br>ALIPHATIC HC | FE054624.D | n-Hexacosane (C26)      | yogesh    | 6/30/2025 7:50:52<br>AM | mohammad      | 6/30/2025 9:33:27 | Peak Integrated by Software |
| 20 PPM<br>ALIPHATIC HC | FE054624.D | n-Tetracontane (C40)    | yogesh    | 6/30/2025 7:50:52<br>AM | mohammad      | 6/30/2025 9:33:27 | Peak Integrated by Software |

## Manual Integration Report

|           |            |            |       |
|-----------|------------|------------|-------|
| Sequence: | FE070725AL | Instrument | FID_e |
|-----------|------------|------------|-------|

| Sample ID           | File ID    | Parameter                 | Review By | Review On            | Supervised By | Supervised On    | Reason                      |
|---------------------|------------|---------------------------|-----------|----------------------|---------------|------------------|-----------------------------|
| 20 PPM ALIPHATIC HC | FE054697.D | n-Hexatriacontane (C36)   | yogesh    | 7/7/2025 11:32:52 AM | mohammad      | 7/8/2025 9:14:49 | Peak Integrated by Software |
| 20 PPM ALIPHATIC HC | FE054697.D | n-Tetracosane (C24)       | yogesh    | 7/7/2025 11:32:52 AM | mohammad      | 7/8/2025 9:14:49 | Peak Integrated by Software |
| Q2491-02DL          | FE054702.D | ortho-Terphenyl (SURR)    | yogesh    | 7/8/2025 7:43:15 AM  | mohammad      | 7/8/2025 9:14:49 | Peak Integrated by Software |
| 20 PPM ALIPHATIC HC | FE054704.D | n-Hexatriacontane (C36)   | yogesh    | 7/8/2025 7:43:13 AM  | mohammad      | 7/8/2025 9:14:49 | Peak Integrated by Software |
| 20 PPM ALIPHATIC HC | FE054704.D | n-Octatriacontane (C38)   | yogesh    | 7/8/2025 7:43:13 AM  | mohammad      | 7/8/2025 9:14:49 | Peak Integrated by Software |
| 20 PPM ALIPHATIC HC | FE054704.D | n-Tetracontane (C40)      | yogesh    | 7/8/2025 7:43:13 AM  | mohammad      | 7/8/2025 9:14:49 | Peak Integrated by Software |
| 20 PPM ALIPHATIC HC | FE054704.D | n-Tetracosane (C24)       | yogesh    | 7/8/2025 7:43:13 AM  | mohammad      | 7/8/2025 9:14:49 | Peak Integrated by Software |
| Q2487-14            | FE054710.D | 1-chlorooctadecane (SURR) | yogesh    | 7/8/2025 7:43:17 AM  | mohammad      | 7/8/2025 9:14:49 | Peak Integrated by Software |
| Q2487-16            | FE054712.D | 1-chlorooctadecane (SURR) | yogesh    | 7/8/2025 7:43:19 AM  | mohammad      | 7/8/2025 9:14:49 | Peak Integrated by Software |
| 20 PPM ALIPHATIC HC | FE054714.D | n-Dotriacontane (C32)     | yogesh    | 7/8/2025 7:43:20 AM  | mohammad      | 7/8/2025 9:14:49 | Peak Integrated by Software |
| 20 PPM ALIPHATIC HC | FE054714.D | n-Hexatriacontane (C36)   | yogesh    | 7/8/2025 7:43:20 AM  | mohammad      | 7/8/2025 9:14:49 | Peak Integrated by Software |
| 20 PPM ALIPHATIC HC | FE054714.D | n-Tetratriacontane (C34)  | yogesh    | 7/8/2025 7:43:20 AM  | mohammad      | 7/8/2025 9:14:49 | Peak Integrated by Software |
| 20 PPM ALIPHATIC HC | FE054714.D | n-Tricontane (C30)        | yogesh    | 7/8/2025 7:43:20 AM  | mohammad      | 7/8/2025 9:14:49 | Peak Integrated by Software |



## Manual Integration Report

|           |            |            |       |
|-----------|------------|------------|-------|
| Sequence: | FE070725AL | Instrument | FID_e |
|-----------|------------|------------|-------|

| Sample ID           | File ID    | Parameter                 | Review By | Review On           | Supervised By | Supervised On    | Reason                      |
|---------------------|------------|---------------------------|-----------|---------------------|---------------|------------------|-----------------------------|
| Q2507-01            | FE054717.D | ortho-Terphenyl (SURR)    | yogesh    | 7/8/2025 7:43:22 AM | mohammad      | 7/8/2025 9:14:49 | Peak Integrated by Software |
| Q2507-02            | FE054718.D | ortho-Terphenyl (SURR)    | yogesh    | 7/8/2025 7:43:24 AM | mohammad      | 7/8/2025 9:14:49 | Peak Integrated by Software |
| Q2513-01            | FE054719.D | 1-chlorooctadecane (SURR) | yogesh    | 7/8/2025 7:43:26 AM | mohammad      | 7/8/2025 9:14:49 | Peak Integrated by Software |
| Q2513-01            | FE054719.D | ortho-Terphenyl (SURR)    | yogesh    | 7/8/2025 7:43:26 AM | mohammad      | 7/8/2025 9:14:49 | Peak Integrated by Software |
| Q2513-02            | FE054720.D | 1-chlorooctadecane (SURR) | yogesh    | 7/8/2025 7:43:27 AM | mohammad      | 7/8/2025 9:14:49 | Peak Integrated by Software |
| Q2513-02            | FE054720.D | ortho-Terphenyl (SURR)    | yogesh    | 7/8/2025 7:43:27 AM | mohammad      | 7/8/2025 9:14:49 | Peak Integrated by Software |
| 20 PPM ALIPHATIC HC | FE054724.D | n-Docosane (C22)          | yogesh    | 7/8/2025 7:43:40 AM | mohammad      | 7/8/2025 9:14:49 | Peak Integrated by Software |
| 20 PPM ALIPHATIC HC | FE054724.D | n-Hexatriacontane (C36)   | yogesh    | 7/8/2025 7:43:40 AM | mohammad      | 7/8/2025 9:14:49 | Peak Integrated by Software |
| 20 PPM ALIPHATIC HC | FE054724.D | n-Octatriacontane (C38)   | yogesh    | 7/8/2025 7:43:40 AM | mohammad      | 7/8/2025 9:14:49 | Peak Integrated by Software |
| 20 PPM ALIPHATIC HC | FE054724.D | n-Tetracosane (C24)       | yogesh    | 7/8/2025 7:43:40 AM | mohammad      | 7/8/2025 9:14:49 | Peak Integrated by Software |



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

## Manual Integration Report

Sequence:

FG061325AL

Instrument

FID\_g

Sample ID

File ID

Parameter

Review By

Review On

Supervised  
By

Supervised On

Reason

## Manual Integration Report

Sequence:

FG070725AL

Instrument

FID\_g

| Sample ID              | File ID    | Parameter                   | Review By | Review On              | Supervised By | Supervised On    | Reason                      |
|------------------------|------------|-----------------------------|-----------|------------------------|---------------|------------------|-----------------------------|
| 20 PPM<br>ALIPHATIC HC | FG016226.D | n-Hexatriacontane<br>(C36)  | yogesh    | 7/8/2025 8:03:13<br>AM | mohammad      | 7/9/2025 1:51:09 | Peak Integrated by Software |
| 20 PPM<br>ALIPHATIC HC | FG016226.D | n-Tetracontane (C40)        | yogesh    | 7/8/2025 8:03:13<br>AM | mohammad      | 7/9/2025 1:51:09 | Peak Integrated by Software |
| 20 PPM<br>ALIPHATIC HC | FG016226.D | n-Tetratriacontane<br>(C34) | yogesh    | 7/8/2025 8:03:13<br>AM | mohammad      | 7/9/2025 1:51:09 | Peak Integrated by Software |
| PB168738BS             | FG016228.D | n-Hexatriacontane<br>(C36)  | yogesh    | 7/8/2025 8:03:15<br>AM | mohammad      | 7/9/2025 1:51:09 | Peak Integrated by Software |



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Manual Integration Report

|           |            |            |       |
|-----------|------------|------------|-------|
| Sequence: | FG070825AL | Instrument | FID_g |
|-----------|------------|------------|-------|

| Sample ID              | File ID    | Parameter                  | Review By | Review On              | Supervised By | Supervised On     | Reason                      |
|------------------------|------------|----------------------------|-----------|------------------------|---------------|-------------------|-----------------------------|
| 20 PPM<br>ALIPHATIC HC | FG016238.D | n-Hexatriacontane<br>(C36) | yogesh    | 7/9/2025 7:24:32<br>AM | mohammad      | 7/10/2025 2:03:56 | Peak Integrated by Software |

Instrument ID: FID\_E

**Daily Analysis Runlog For Sequence/QC Batch ID # FE062725AL**

|                                                                    |                                         |                   |                                 |
|--------------------------------------------------------------------|-----------------------------------------|-------------------|---------------------------------|
| Review By                                                          | yogesh                                  | Review On         | 6/27/2025 12:30:13 PM           |
| Supervise By                                                       | mohammad                                | Supervise On      | 6/30/2025 9:33:27 AM            |
| SubDirectory                                                       | FE062725AL                              | HP Acquire Method | HP Processing Method FE062725AL |
| <b>STD. NAME</b>                                                   | <b>STD REF.#</b>                        |                   |                                 |
| Tune/Reschk<br>Initial Calibration Stds                            | PP24170,PP24175,PP24176,PP24177,PP24178 |                   |                                 |
| CCC<br>Internal Standard/PEM                                       | PP24176                                 |                   |                                 |
| ICV/I.BLK<br>Surrogate Standard<br>MS/MSD Standard<br>LCS Standard | PP24174,PP24179                         |                   |                                 |

| Sr# | SampleId                    | Data File Name | Date-Time         | Operator | Status |
|-----|-----------------------------|----------------|-------------------|----------|--------|
| 1   | MECL2                       | FE054606.D     | 27 Jun 2025 11:53 | YP\AJ    | Ok     |
| 2   | I.BLK                       | FE054607.D     | 27 Jun 2025 12:23 | YP\AJ    | Ok     |
| 3   | 100 PPM ALIPHATIC HC STD1   | FE054608.D     | 27 Jun 2025 12:53 | YP\AJ    | Ok     |
| 4   | 50 PPM ALIPHATIC HC STD2    | FE054609.D     | 27 Jun 2025 13:23 | YP\AJ    | Ok,M   |
| 5   | 20 PPM ALIPHATIC HC STD3    | FE054610.D     | 27 Jun 2025 13:53 | YP\AJ    | Ok     |
| 6   | 10 PPM ALIPHATIC HC STD4    | FE054611.D     | 27 Jun 2025 14:23 | YP\AJ    | Ok     |
| 7   | 5 PPM ALIPHATIC HC STD5     | FE054612.D     | 27 Jun 2025 14:54 | YP\AJ    | Ok     |
| 8   | 20 PPM ALIPHATIC HC STD ICV | FE054613.D     | 27 Jun 2025 15:24 | YP\AJ    | Ok     |
| 9   | I.BLK                       | FE054614.D     | 27 Jun 2025 15:54 | YP\AJ    | Ok     |
| 10  | 20 PPM ALIPHATIC HC STD     | FE054615.D     | 27 Jun 2025 16:24 | YP\AJ    | Ok     |
| 11  | Q2429-01                    | FE054616.D     | 27 Jun 2025 16:54 | YP\AJ    | Ok     |
| 12  | Q2429-02                    | FE054617.D     | 27 Jun 2025 17:25 | YP\AJ    | Ok,M   |
| 13  | Q2431-01                    | FE054618.D     | 27 Jun 2025 17:55 | YP\AJ    | Ok     |
| 14  | Q2431-02                    | FE054619.D     | 27 Jun 2025 18:25 | YP\AJ    | Not Ok |
| 15  | Q2431-03                    | FE054620.D     | 27 Jun 2025 18:55 | YP\AJ    | Ok     |
| 16  | Q2431-04                    | FE054621.D     | 27 Jun 2025 19:25 | YP\AJ    | Ok     |
| 17  | Q2431-05                    | FE054622.D     | 27 Jun 2025 19:56 | YP\AJ    | Not Ok |
| 18  | I.BLK                       | FE054623.D     | 27 Jun 2025 20:56 | YP\AJ    | Ok     |
| 19  | 20 PPM ALIPHATIC HC STD     | FE054624.D     | 27 Jun 2025 22:57 | YP\AJ    | Ok,M   |

M : Manual Integration

Instrument ID: FID\_E

**Daily Analysis Runlog For Sequence/QC Batch ID # FE070725AL**

|                                                                                                    |                                         |                   |                                 |
|----------------------------------------------------------------------------------------------------|-----------------------------------------|-------------------|---------------------------------|
| Review By                                                                                          | yogesh                                  | Review On         | 7/7/2025 11:20:48 AM            |
| Supervise By                                                                                       | mohammad                                | Supervise On      | 7/8/2025 9:14:49 AM             |
| SubDirectory                                                                                       | FE070725AL                              | HP Acquire Method | HP Processing Method FE062725AL |
| <b>STD. NAME</b>                                                                                   | <b>STD REF.#</b>                        |                   |                                 |
| Tune/Reschk<br>Initial Calibration Stds                                                            | PP24170,PP24175,PP24176,PP24177,PP24178 |                   |                                 |
| CCC<br>Internal Standard/PEM<br>ICV/I.BLK<br>Surrogate Standard<br>MS/MSD Standard<br>LCS Standard | PP24176<br><br>PP24174,PP24179          |                   |                                 |

| Sr# | SampleId                | Data File Name | Date-Time         | Operator | Status   |
|-----|-------------------------|----------------|-------------------|----------|----------|
| 1   | MECL2                   | FE054695.D     | 07 Jul 2025 08:46 | YP\AJ    | Ok       |
| 2   | I.BLK                   | FE054696.D     | 07 Jul 2025 09:17 | YP\AJ    | Ok       |
| 3   | 20 PPM ALIPHATIC HC STD | FE054697.D     | 07 Jul 2025 09:47 | YP\AJ    | Ok,M     |
| 4   | Q2480-05DL              | FE054698.D     | 07 Jul 2025 10:24 | YP\AJ    | Ok       |
| 5   | Q2491-01                | FE054699.D     | 07 Jul 2025 10:55 | YP\AJ    | Dilution |
| 6   | Q2491-02                | FE054700.D     | 07 Jul 2025 11:25 | YP\AJ    | Dilution |
| 7   | Q2491-01DL              | FE054701.D     | 07 Jul 2025 11:56 | YP\AJ    | Ok       |
| 8   | Q2491-02DL              | FE054702.D     | 07 Jul 2025 12:26 | YP\AJ    | Ok,M     |
| 9   | I.BLK                   | FE054703.D     | 07 Jul 2025 13:27 | YP\AJ    | Ok       |
| 10  | 20 PPM ALIPHATIC HC STD | FE054704.D     | 07 Jul 2025 13:58 | YP\AJ    | Ok,M     |
| 11  | Q2487-09                | FE054705.D     | 07 Jul 2025 14:59 | YP\AJ    | Ok       |
| 12  | Q2487-10                | FE054706.D     | 07 Jul 2025 15:29 | YP\AJ    | Ok       |
| 13  | Q2487-11                | FE054707.D     | 07 Jul 2025 16:00 | YP\AJ    | Dilution |
| 14  | Q2487-12                | FE054708.D     | 07 Jul 2025 16:30 | YP\AJ    | Ok       |
| 15  | Q2487-13                | FE054709.D     | 07 Jul 2025 17:01 | YP\AJ    | Dilution |
| 16  | Q2487-14                | FE054710.D     | 07 Jul 2025 17:32 | YP\AJ    | Dilution |
| 17  | Q2487-15                | FE054711.D     | 07 Jul 2025 18:02 | YP\AJ    | Dilution |
| 18  | Q2487-16                | FE054712.D     | 07 Jul 2025 18:33 | YP\AJ    | Dilution |
| 19  | I.BLK                   | FE054713.D     | 07 Jul 2025 19:34 | YP\AJ    | Ok       |
| 20  | 20 PPM ALIPHATIC HC STD | FE054714.D     | 07 Jul 2025 20:35 | YP\AJ    | Ok,M     |
| 21  | Q2503-03                | FE054715.D     | 07 Jul 2025 21:05 | YP\AJ    | Ok       |

Instrument ID: FID\_E

**Daily Analysis Runlog For Sequence/QC Batch ID # FE070725AL**

| Review By                                                          | yogesh                                  | Review On         | 7/7/2025 11:20:48 AM            |
|--------------------------------------------------------------------|-----------------------------------------|-------------------|---------------------------------|
| Supervise By                                                       | mohammad                                | Supervise On      | 7/8/2025 9:14:49 AM             |
| SubDirectory                                                       | FE070725AL                              | HP Acquire Method | HP Processing Method FE062725AL |
| STD. NAME                                                          | STD REF.#                               |                   |                                 |
| Tune/Reschk<br>Initial Calibration Stds                            | PP24170,PP24175,PP24176,PP24177,PP24178 |                   |                                 |
| CCC<br>Internal Standard/PEM                                       | PP24176                                 |                   |                                 |
| ICV/I.BLK<br>Surrogate Standard<br>MS/MSD Standard<br>LCS Standard | PP24174,PP24179                         |                   |                                 |

|    |                         |            |                   |       |          |
|----|-------------------------|------------|-------------------|-------|----------|
| 22 | Q2503-04                | FE054716.D | 07 Jul 2025 21:36 | YP\AJ | Ok       |
| 23 | Q2507-01                | FE054717.D | 07 Jul 2025 22:06 | YP\AJ | Dilution |
| 24 | Q2507-02                | FE054718.D | 07 Jul 2025 22:36 | YP\AJ | Dilution |
| 25 | Q2513-01                | FE054719.D | 07 Jul 2025 23:07 | YP\AJ | Dilution |
| 26 | Q2513-02                | FE054720.D | 07 Jul 2025 23:37 | YP\AJ | Dilution |
| 27 | Q2513-03                | FE054721.D | 08 Jul 2025 00:08 | YP\AJ | Dilution |
| 28 | Q2513-04                | FE054722.D | 08 Jul 2025 00:38 | YP\AJ | Not Ok   |
| 29 | I.BLK                   | FE054723.D | 08 Jul 2025 01:39 | YP\AJ | Ok       |
| 30 | 20 PPM ALIPHATIC HC STD | FE054724.D | 08 Jul 2025 02:09 | YP\AJ | Ok,M     |

M : Manual Integration

Instrument ID: FID\_G

**Daily Analysis Runlog For Sequence/QC Batch ID # FG061325AL**

|                                                                    |                                         |                   |                                 |
|--------------------------------------------------------------------|-----------------------------------------|-------------------|---------------------------------|
| Review By                                                          | yogesh                                  | Review On         | 6/13/2025 12:52:17 PM           |
| Supervise By                                                       | mohammad                                | Supervise On      | 6/17/2025 3:40:36 AM            |
| SubDirectory                                                       | FG061325AL                              | HP Acquire Method | HP Processing Method FG061325AL |
| <b>STD. NAME</b>                                                   | <b>STD REF.#</b>                        |                   |                                 |
| Tune/Reschk<br>Initial Calibration Stds                            | PP24170,PP24175,PP24176,PP24177,PP24178 |                   |                                 |
| CCC<br>Internal Standard/PEM                                       | PP24176                                 |                   |                                 |
| ICV/I.BLK<br>Surrogate Standard<br>MS/MSD Standard<br>LCS Standard | PP24174,PP24179                         |                   |                                 |

| Sr# | SampleId                    | Data File Name | Date-Time         | Operator | Status |
|-----|-----------------------------|----------------|-------------------|----------|--------|
| 1   | MECL2                       | FG016069.D     | 13 Jun 2025 13:06 | YP\AJ    | Ok     |
| 2   | I.BLK                       | FG016070.D     | 13 Jun 2025 13:35 | YP\AJ    | Ok     |
| 3   | 100 PPM ALIPHATIC HC STD1   | FG016071.D     | 13 Jun 2025 14:05 | YP\AJ    | Ok     |
| 4   | 50 PPM ALIPHATIC HC STD2    | FG016072.D     | 13 Jun 2025 14:34 | YP\AJ    | Ok     |
| 5   | 20 PPM ALIPHATIC HC STD3    | FG016073.D     | 13 Jun 2025 15:03 | YP\AJ    | Ok     |
| 6   | 10 PPM ALIPHATIC HC STD4    | FG016074.D     | 13 Jun 2025 15:33 | YP\AJ    | Ok     |
| 7   | 5 PPM ALIPHATIC HC STD5     | FG016075.D     | 13 Jun 2025 16:02 | YP\AJ    | Ok     |
| 8   | 20 PPM ALIPHATIC HC STD ICV | FG016076.D     | 13 Jun 2025 16:31 | YP\AJ    | Ok     |
| 9   | I.BLK                       | FG016077.D     | 13 Jun 2025 17:30 | YP\AJ    | Ok     |
| 10  | 20 PPM ALIPHATIC HC STD     | FG016078.D     | 13 Jun 2025 18:00 | YP\AJ    | Ok     |

M : Manual Integration



Instrument ID: FID\_G

**Daily Analysis Runlog For Sequence/QC Batch ID # FG070725AL**

|                                                                    |                                         |                   |                                 |
|--------------------------------------------------------------------|-----------------------------------------|-------------------|---------------------------------|
| Review By                                                          | yogesh                                  | Review On         | 7/7/2025 12:23:40 PM            |
| Supervise By                                                       | mohammad                                | Supervise On      | 7/9/2025 1:51:09 AM             |
| SubDirectory                                                       | FG070725AL                              | HP Acquire Method | HP Processing Method FG061325AL |
| <b>STD. NAME</b>                                                   | <b>STD REF.#</b>                        |                   |                                 |
| Tune/Reschk<br>Initial Calibration Stds                            | PP24170,PP24175,PP24176,PP24177,PP24178 |                   |                                 |
| CCC<br>Internal Standard/PEM                                       | PP24176                                 |                   |                                 |
| ICV/I.BLK<br>Surrogate Standard<br>MS/MSD Standard<br>LCS Standard | PP24174,PP24179                         |                   |                                 |

| Sr# | SampleId                | Data File Name | Date-Time         | Operator | Status |
|-----|-------------------------|----------------|-------------------|----------|--------|
| 1   | MECL2                   | FG016224.D     | 07 Jul 2025 09:19 | YP\AJ    | Ok     |
| 2   | I.BLK                   | FG016225.D     | 07 Jul 2025 09:49 | YP\AJ    | Ok     |
| 3   | 20 PPM ALIPHATIC HC STD | FG016226.D     | 07 Jul 2025 10:55 | YP\AJ    | Ok,M   |
| 4   | PB168738BL              | FG016227.D     | 07 Jul 2025 15:02 | YP\AJ    | Ok     |
| 5   | PB168738BS              | FG016228.D     | 07 Jul 2025 15:32 | YP\AJ    | Not Ok |
| 6   | PB168738BSD             | FG016229.D     | 07 Jul 2025 16:02 | YP\AJ    | Not Ok |
| 7   | Q2515-01                | FG016230.D     | 07 Jul 2025 16:32 | YP\AJ    | Ok     |
| 8   | Q2515-01D               | FG016231.D     | 07 Jul 2025 17:01 | YP\AJ    | Ok     |
| 9   | Q2515-01MS              | FG016232.D     | 07 Jul 2025 17:31 | YP\AJ    | Ok     |
| 10  | Q2515-01MSD             | FG016233.D     | 07 Jul 2025 18:01 | YP\AJ    | Ok     |
| 11  | I.BLK                   | FG016234.D     | 07 Jul 2025 19:01 | YP\AJ    | Ok     |
| 12  | 20 PPM ALIPHATIC HC STD | FG016235.D     | 07 Jul 2025 19:30 | YP\AJ    | Ok     |

M : Manual Integration

Instrument ID: FID\_G

**Daily Analysis Runlog For Sequence/QC Batch ID # FG070825AL**

|                                                                    |                                         |                   |                                 |
|--------------------------------------------------------------------|-----------------------------------------|-------------------|---------------------------------|
| Review By                                                          | yogesh                                  | Review On         | 7/8/2025 1:12:39 PM             |
| Supervise By                                                       | mohammad                                | Supervise On      | 7/10/2025 2:03:56 AM            |
| SubDirectory                                                       | FG070825AL                              | HP Acquire Method | HP Processing Method FG061325AL |
| <b>STD. NAME</b>                                                   | <b>STD REF.#</b>                        |                   |                                 |
| Tune/Reschk<br>Initial Calibration Stds                            | PP24170,PP24175,PP24176,PP24177,PP24178 |                   |                                 |
| CCC<br>Internal Standard/PEM                                       | PP24176                                 |                   |                                 |
| ICV/I.BLK<br>Surrogate Standard<br>MS/MSD Standard<br>LCS Standard | PP24174,PP24179                         |                   |                                 |

| Sr# | SampleId                | Data File Name | Date-Time         | Operator | Status |
|-----|-------------------------|----------------|-------------------|----------|--------|
| 1   | MECL2                   | FG016236.D     | 08 Jul 2025 09:18 | YP\AJ    | Ok     |
| 2   | I.BLK                   | FG016237.D     | 08 Jul 2025 09:48 | YP\AJ    | Ok     |
| 3   | 20 PPM ALIPHATIC HC STD | FG016238.D     | 08 Jul 2025 10:17 | YP\AJ    | Ok,M   |
| 4   | PB168738BS              | FG016239.D     | 08 Jul 2025 10:54 | YP\AJ    | Ok     |
| 5   | PB168738BSD             | FG016240.D     | 08 Jul 2025 11:25 | YP\AJ    | Ok     |
| 6   | I.BLK                   | FG016241.D     | 08 Jul 2025 11:55 | YP\AJ    | Ok     |
| 7   | 20 PPM ALIPHATIC HC STD | FG016242.D     | 08 Jul 2025 12:54 | YP\AJ    | Ok     |

M : Manual Integration

Instrument ID: FID\_E

**Daily Analysis Runlog For Sequence/QC Batch ID # FE062725AL**

|                                         |                                         |                   |                                 |
|-----------------------------------------|-----------------------------------------|-------------------|---------------------------------|
| Review By                               | yogesh                                  | Review On         | 6/27/2025 12:30:13 PM           |
| Supervise By                            | mohammad                                | Supervise On      | 6/30/2025 9:33:27 AM            |
| SubDirectory                            | FE062725AL                              | HP Acquire Method | HP Processing Method FE062725AL |
| <b>STD. NAME</b>                        | <b>STD REF.#</b>                        |                   |                                 |
| Tune/Reschk<br>Initial Calibration Stds | PP24170,PP24175,PP24176,PP24177,PP24178 |                   |                                 |
| CCC                                     | PP24176                                 |                   |                                 |
| Internal Standard/PEM                   | PP24174,PP24179                         |                   |                                 |
| ICV/I.BLK                               |                                         |                   |                                 |
| Surrogate Standard                      |                                         |                   |                                 |
| MS/MSD Standard                         |                                         |                   |                                 |
| LCS Standard                            |                                         |                   |                                 |

| Sr# | SampleId            | ClientID            | Data File Name | Date-Time         | Comment           | Operator | Status |
|-----|---------------------|---------------------|----------------|-------------------|-------------------|----------|--------|
| 1   | MECL2               | MECL2               | FE054606.D     | 27 Jun 2025 11:53 |                   | YPIAJ    | Ok     |
| 2   | I.BLK               | I.BLK               | FE054607.D     | 27 Jun 2025 12:23 |                   | YPIAJ    | Ok     |
| 3   | 100 PPM ALIPHATIC H | 100 PPM ALIPHATIC H | FE054608.D     | 27 Jun 2025 12:53 |                   | YPIAJ    | Ok     |
| 4   | 50 PPM ALIPHATIC HC | 50 PPM ALIPHATIC HC | FE054609.D     | 27 Jun 2025 13:23 |                   | YPIAJ    | Ok,M   |
| 5   | 20 PPM ALIPHATIC HC | 20 PPM ALIPHATIC HC | FE054610.D     | 27 Jun 2025 13:53 |                   | YPIAJ    | Ok     |
| 6   | 10 PPM ALIPHATIC HC | 10 PPM ALIPHATIC HC | FE054611.D     | 27 Jun 2025 14:23 |                   | YPIAJ    | Ok     |
| 7   | 5 PPM ALIPHATIC HC  | 5 PPM ALIPHATIC HC  | FE054612.D     | 27 Jun 2025 14:54 |                   | YPIAJ    | Ok     |
| 8   | 20 PPM ALIPHATIC HC | 20 PPM ALIPHATIC HC | FE054613.D     | 27 Jun 2025 15:24 |                   | YPIAJ    | Ok     |
| 9   | I.BLK               | I.BLK               | FE054614.D     | 27 Jun 2025 15:54 |                   | YPIAJ    | Ok     |
| 10  | 20 PPM ALIPHATIC HC | 20 PPM ALIPHATIC HC | FE054615.D     | 27 Jun 2025 16:24 |                   | YPIAJ    | Ok     |
| 11  | Q2429-01            | TP-4                | FE054616.D     | 27 Jun 2025 16:54 |                   | YPIAJ    | Ok     |
| 12  | Q2429-02            | TP-4-EPH            | FE054617.D     | 27 Jun 2025 17:25 |                   | YPIAJ    | Ok,M   |
| 13  | Q2431-01            | S-1                 | FE054618.D     | 27 Jun 2025 17:55 |                   | YPIAJ    | Ok     |
| 14  | Q2431-02            | Q2431-02            | FE054619.D     | 27 Jun 2025 18:25 | Need to run again | YPIAJ    | Not Ok |
| 15  | Q2431-03            | S-3                 | FE054620.D     | 27 Jun 2025 18:55 |                   | YPIAJ    | Ok     |
| 16  | Q2431-04            | S-4                 | FE054621.D     | 27 Jun 2025 19:25 |                   | YPIAJ    | Ok     |
| 17  | Q2431-05            | Q2431-05            | FE054622.D     | 27 Jun 2025 19:56 | Need to run again | YPIAJ    | Not Ok |
| 18  | I.BLK               | I.BLK               | FE054623.D     | 27 Jun 2025 20:56 |                   | YPIAJ    | Ok     |

Instrument ID: FID\_E

**Daily Analysis Runlog For Sequence/QC Batch ID # FE062725AL**

| Review By                               | yogesh                                  | Review On         | 6/27/2025 12:30:13 PM           |
|-----------------------------------------|-----------------------------------------|-------------------|---------------------------------|
| Supervise By                            | mohammad                                | Supervise On      | 6/30/2025 9:33:27 AM            |
| SubDirectory                            | FE062725AL                              | HP Acquire Method | HP Processing Method FE062725AL |
| STD. NAME                               | STD REF.#                               |                   |                                 |
| Tune/Reschk<br>Initial Calibration Stds | PP24170,PP24175,PP24176,PP24177,PP24178 |                   |                                 |
| CCC                                     | PP24176                                 |                   |                                 |
| Internal Standard/PEM                   | PP24174,PP24179                         |                   |                                 |
| ICV/I.BLK                               |                                         |                   |                                 |
| Surrogate Standard                      |                                         |                   |                                 |
| MS/MSD Standard                         |                                         |                   |                                 |
| LCS Standard                            |                                         |                   |                                 |

|    |                     |                     |            |                   |  |       |      |
|----|---------------------|---------------------|------------|-------------------|--|-------|------|
| 19 | 20 PPM ALIPHATIC HC | 20 PPM ALIPHATIC HC | FE054624.D | 27 Jun 2025 22:57 |  | YP\AJ | Ok,M |
|----|---------------------|---------------------|------------|-------------------|--|-------|------|

M : Manual Integration

A  
B  
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D  
E  
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G  
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J

Instrument ID: FID\_E

**Daily Analysis Runlog For Sequence/QC Batch ID # FE070725AL**

|                                         |                                         |                   |                                 |
|-----------------------------------------|-----------------------------------------|-------------------|---------------------------------|
| Review By                               | yogesh                                  | Review On         | 7/7/2025 11:20:48 AM            |
| Supervise By                            | mohammad                                | Supervise On      | 7/8/2025 9:14:49 AM             |
| SubDirectory                            | FE070725AL                              | HP Acquire Method | HP Processing Method FE062725AL |
| <b>STD. NAME</b>                        | <b>STD REF.#</b>                        |                   |                                 |
| Tune/Reschk<br>Initial Calibration Stds | PP24170,PP24175,PP24176,PP24177,PP24178 |                   |                                 |
| CCC                                     | PP24176                                 |                   |                                 |
| Internal Standard/PEM                   | PP24174,PP24179                         |                   |                                 |
| ICV/I.BLK                               |                                         |                   |                                 |
| Surrogate Standard                      |                                         |                   |                                 |
| MS/MSD Standard                         |                                         |                   |                                 |
| LCS Standard                            |                                         |                   |                                 |

| Sr# | SampleID            | ClientID            | Data File Name | Date-Time         | Comment          | Operator | Status   |
|-----|---------------------|---------------------|----------------|-------------------|------------------|----------|----------|
| 1   | MECL2               | MECL2               | FE054695.D     | 07 Jul 2025 08:46 |                  | YP\AJ    | Ok       |
| 2   | I.BLK               | I.BLK               | FE054696.D     | 07 Jul 2025 09:17 |                  | YP\AJ    | Ok       |
| 3   | 20 PPM ALIPHATIC HC | 20 PPM ALIPHATIC HC | FE054697.D     | 07 Jul 2025 09:47 |                  | YP\AJ    | Ok,M     |
| 4   | Q2480-05DL          | GPX5DL              | FE054698.D     | 07 Jul 2025 10:24 |                  | YP\AJ    | Ok       |
| 5   | Q2491-01            | EO-1-070225         | FE054699.D     | 07 Jul 2025 10:55 | Need 10x         | YP\AJ    | Dilution |
| 6   | Q2491-02            | EO-1-070225-E2      | FE054700.D     | 07 Jul 2025 11:25 | Need 10x         | YP\AJ    | Dilution |
| 7   | Q2491-01DL          | EO-1-070225DL       | FE054701.D     | 07 Jul 2025 11:56 |                  | YP\AJ    | Ok       |
| 8   | Q2491-02DL          | EO-1-070225-E2DL    | FE054702.D     | 07 Jul 2025 12:26 |                  | YP\AJ    | Ok,M     |
| 9   | I.BLK               | I.BLK               | FE054703.D     | 07 Jul 2025 13:27 |                  | YP\AJ    | Ok       |
| 10  | 20 PPM ALIPHATIC HC | 20 PPM ALIPHATIC HC | FE054704.D     | 07 Jul 2025 13:58 |                  | YP\AJ    | Ok,M     |
| 11  | Q2487-09            | G4(0-6)             | FE054705.D     | 07 Jul 2025 14:59 |                  | YP\AJ    | Ok       |
| 12  | Q2487-10            | G4(6-12)            | FE054706.D     | 07 Jul 2025 15:29 |                  | YP\AJ    | Ok       |
| 13  | Q2487-11            | G3(0-6)             | FE054707.D     | 07 Jul 2025 16:00 | need 5x dilution | YP\AJ    | Dilution |
| 14  | Q2487-12            | G3(6-12)            | FE054708.D     | 07 Jul 2025 16:30 |                  | YP\AJ    | Ok       |
| 15  | Q2487-13            | G2(0-6)             | FE054709.D     | 07 Jul 2025 17:01 | need 2x dilution | YP\AJ    | Dilution |
| 16  | Q2487-14            | G2(6-12)            | FE054710.D     | 07 Jul 2025 17:32 | need 5x dilution | YP\AJ    | Dilution |
| 17  | Q2487-15            | G1(0-6)             | FE054711.D     | 07 Jul 2025 18:02 | need 5x dilution | YP\AJ    | Dilution |
| 18  | Q2487-16            | G1(6-12)            | FE054712.D     | 07 Jul 2025 18:33 | need 5x dilution | YP\AJ    | Dilution |

Instrument ID: FID\_E

**Daily Analysis Runlog For Sequence/QC Batch ID # FE070725AL**

| Review By                               | yogesh                                  | Review On         | 7/7/2025 11:20:48 AM |
|-----------------------------------------|-----------------------------------------|-------------------|----------------------|
| Supervise By                            | mohammad                                | Supervise On      | 7/8/2025 9:14:49 AM  |
| SubDirectory                            | FE070725AL                              | HP Acquire Method | HP Processing Method |
|                                         |                                         |                   | FE062725AL           |
| STD. NAME                               | STD REF.#                               |                   |                      |
| Tune/Reschk<br>Initial Calibration Stds | PP24170,PP24175,PP24176,PP24177,PP24178 |                   |                      |
| CCC                                     | PP24176                                 |                   |                      |
| Internal Standard/PEM                   | PP24174,PP24179                         |                   |                      |
| ICV/I.BLK                               |                                         |                   |                      |
| Surrogate Standard                      |                                         |                   |                      |
| MS/MSD Standard                         |                                         |                   |                      |
| LCS Standard                            |                                         |                   |                      |

|    |                     |                     |            |                   |                   |       |          |
|----|---------------------|---------------------|------------|-------------------|-------------------|-------|----------|
| 19 | I.BLK               | I.BLK               | FE054713.D | 07 Jul 2025 19:34 |                   | YP\AJ | Ok       |
| 20 | 20 PPM ALIPHATIC HC | 20 PPM ALIPHATIC HC | FE054714.D | 07 Jul 2025 20:35 |                   | YP\AJ | Ok,M     |
| 21 | Q2503-03            | GCAP2               | FE054715.D | 07 Jul 2025 21:05 |                   | YP\AJ | Ok       |
| 22 | Q2503-04            | GCAP3               | FE054716.D | 07 Jul 2025 21:36 |                   | YP\AJ | Ok       |
| 23 | Q2507-01            | SU-04-07032025      | FE054717.D | 07 Jul 2025 22:06 | need 5x dilution  | YP\AJ | Dilution |
| 24 | Q2507-02            | SU-04-07032025-EPH  | FE054718.D | 07 Jul 2025 22:36 | need 2x dilution  | YP\AJ | Dilution |
| 25 | Q2513-01            | HR-2-070325         | FE054719.D | 07 Jul 2025 23:07 | need 10x dilution | YP\AJ | Dilution |
| 26 | Q2513-02            | HR-2-070325-E2      | FE054720.D | 07 Jul 2025 23:37 | need 10x dilution | YP\AJ | Dilution |
| 27 | Q2513-03            | HR-3-070325         | FE054721.D | 08 Jul 2025 00:08 | need 2x dilution  | YP\AJ | Dilution |
| 28 | Q2513-04            | HR-3-070325-E2      | FE054722.D | 08 Jul 2025 00:38 | need 2x dilution  | YP\AJ | Not Ok   |
| 29 | I.BLK               | I.BLK               | FE054723.D | 08 Jul 2025 01:39 |                   | YP\AJ | Ok       |
| 30 | 20 PPM ALIPHATIC HC | 20 PPM ALIPHATIC HC | FE054724.D | 08 Jul 2025 02:09 |                   | YP\AJ | Ok,M     |

M : Manual Integration

Instrument ID: FID\_G

**Daily Analysis Runlog For Sequence/QC Batch ID # FG061325AL**

|                                         |                                         |                   |                                 |
|-----------------------------------------|-----------------------------------------|-------------------|---------------------------------|
| Review By                               | yogesh                                  | Review On         | 6/13/2025 12:52:17 PM           |
| Supervise By                            | mohammad                                | Supervise On      | 6/17/2025 3:40:36 AM            |
| SubDirectory                            | FG061325AL                              | HP Acquire Method | HP Processing Method FG061325AL |
| <b>STD. NAME</b>                        | <b>STD REF.#</b>                        |                   |                                 |
| Tune/Reschk<br>Initial Calibration Stds | PP24170,PP24175,PP24176,PP24177,PP24178 |                   |                                 |
| CCC                                     | PP24176                                 |                   |                                 |
| Internal Standard/PEM                   | PP24174,PP24179                         |                   |                                 |
| ICV/I.BLK                               |                                         |                   |                                 |
| Surrogate Standard                      |                                         |                   |                                 |
| MS/MSD Standard                         |                                         |                   |                                 |
| LCS Standard                            |                                         |                   |                                 |

| Sr# | SampleID             | ClientID             | Data File Name | Date-Time         | Comment | Operator | Status |
|-----|----------------------|----------------------|----------------|-------------------|---------|----------|--------|
| 1   | MECL2                | MECL2                | FG016069.D     | 13 Jun 2025 13:06 |         | YP\AJ    | Ok     |
| 2   | I.BLK                | I.BLK                | FG016070.D     | 13 Jun 2025 13:35 |         | YP\AJ    | Ok     |
| 3   | 100 PPM ALIPHATIC HC | 100 PPM ALIPHATIC HC | FG016071.D     | 13 Jun 2025 14:05 |         | YP\AJ    | Ok     |
| 4   | 50 PPM ALIPHATIC HC  | 50 PPM ALIPHATIC HC  | FG016072.D     | 13 Jun 2025 14:34 |         | YP\AJ    | Ok     |
| 5   | 20 PPM ALIPHATIC HC  | 20 PPM ALIPHATIC HC  | FG016073.D     | 13 Jun 2025 15:03 |         | YP\AJ    | Ok     |
| 6   | 10 PPM ALIPHATIC HC  | 10 PPM ALIPHATIC HC  | FG016074.D     | 13 Jun 2025 15:33 |         | YP\AJ    | Ok     |
| 7   | 5 PPM ALIPHATIC HC   | 5 PPM ALIPHATIC HC   | FG016075.D     | 13 Jun 2025 16:02 |         | YP\AJ    | Ok     |
| 8   | 20 PPM ALIPHATIC HC  | 20 PPM ALIPHATIC HC  | FG016076.D     | 13 Jun 2025 16:31 |         | YP\AJ    | Ok     |
| 9   | I.BLK                | I.BLK                | FG016077.D     | 13 Jun 2025 17:30 |         | YP\AJ    | Ok     |
| 10  | 20 PPM ALIPHATIC HC  | 20 PPM ALIPHATIC HC  | FG016078.D     | 13 Jun 2025 18:00 |         | YP\AJ    | Ok     |

M : Manual Integration

Instrument ID: FID\_G

**Daily Analysis Runlog For Sequence/QC Batch ID # FG070725AL**

|                                         |                                         |                   |                                 |
|-----------------------------------------|-----------------------------------------|-------------------|---------------------------------|
| Review By                               | yogesh                                  | Review On         | 7/7/2025 12:23:40 PM            |
| Supervise By                            | mohammad                                | Supervise On      | 7/9/2025 1:51:09 AM             |
| SubDirectory                            | FG070725AL                              | HP Acquire Method | HP Processing Method FG061325AL |
| <b>STD. NAME</b>                        | <b>STD REF.#</b>                        |                   |                                 |
| Tune/Reschk<br>Initial Calibration Stds | PP24170,PP24175,PP24176,PP24177,PP24178 |                   |                                 |
| CCC                                     | PP24176                                 |                   |                                 |
| Internal Standard/PEM                   | PP24174,PP24179                         |                   |                                 |
| ICV/I.BLK                               |                                         |                   |                                 |
| Surrogate Standard                      |                                         |                   |                                 |
| MS/MSD Standard                         |                                         |                   |                                 |
| LCS Standard                            |                                         |                   |                                 |

| Sr# | SampleID            | ClientID            | Data File Name | Date-Time         | Comment               | Operator | Status |
|-----|---------------------|---------------------|----------------|-------------------|-----------------------|----------|--------|
| 1   | MECL2               | MECL2               | FG016224.D     | 07 Jul 2025 09:19 |                       | YP\AJ    | Ok     |
| 2   | I.BLK               | I.BLK               | FG016225.D     | 07 Jul 2025 09:49 |                       | YP\AJ    | Ok     |
| 3   | 20 PPM ALIPHATIC HC | 20 PPM ALIPHATIC HC | FG016226.D     | 07 Jul 2025 10:55 |                       | YP\AJ    | Ok,M   |
| 4   | PB168738BL          | PB168738BL          | FG016227.D     | 07 Jul 2025 15:02 |                       | YP\AJ    | Ok     |
| 5   | PB168738BS          | PB168738BS          | FG016228.D     | 07 Jul 2025 15:32 | Recovery fail         | YP\AJ    | Not Ok |
| 6   | PB168738BSD         | PB168738BSD         | FG016229.D     | 07 Jul 2025 16:02 | Recovery fail         | YP\AJ    | Not Ok |
| 7   | Q2515-01            | WC-1                | FG016230.D     | 07 Jul 2025 16:32 |                       | YP\AJ    | Ok     |
| 8   | Q2515-01D           | Q2515-01D           | FG016231.D     | 07 Jul 2025 17:01 |                       | YP\AJ    | Ok     |
| 9   | Q2515-01MS          | WC-1MS              | FG016232.D     | 07 Jul 2025 17:31 | FG016230.D            | YP\AJ    | Ok     |
| 10  | Q2515-01MSD         | WC-1MSD             | FG016233.D     | 07 Jul 2025 18:01 | FG016230.D\FG016232.D | YP\AJ    | Ok     |
| 11  | I.BLK               | I.BLK               | FG016234.D     | 07 Jul 2025 19:01 |                       | YP\AJ    | Ok     |
| 12  | 20 PPM ALIPHATIC HC | 20 PPM ALIPHATIC HC | FG016235.D     | 07 Jul 2025 19:30 |                       | YP\AJ    | Ok     |

M : Manual Integration



Instrument ID: FID\_G

**Daily Analysis Runlog For Sequence/QC Batch ID # FG070825AL**

|                                         |                                         |                   |                                 |
|-----------------------------------------|-----------------------------------------|-------------------|---------------------------------|
| Review By                               | yogesh                                  | Review On         | 7/8/2025 1:12:39 PM             |
| Supervise By                            | mohammad                                | Supervise On      | 7/10/2025 2:03:56 AM            |
| SubDirectory                            | FG070825AL                              | HP Acquire Method | HP Processing Method FG061325AL |
| <b>STD. NAME</b>                        | <b>STD REF.#</b>                        |                   |                                 |
| Tune/Reschk<br>Initial Calibration Stds | PP24170,PP24175,PP24176,PP24177,PP24178 |                   |                                 |
| CCC                                     | PP24176                                 |                   |                                 |
| Internal Standard/PEM                   | PP24174,PP24179                         |                   |                                 |
| ICV/I.BLK                               |                                         |                   |                                 |
| Surrogate Standard                      |                                         |                   |                                 |
| MS/MSD Standard                         |                                         |                   |                                 |
| LCS Standard                            |                                         |                   |                                 |

| Sr# | SampleId            | ClientID            | Data File Name | Date-Time         | Comment | Operator | Status |
|-----|---------------------|---------------------|----------------|-------------------|---------|----------|--------|
| 1   | MECL2               | MECL2               | FG016236.D     | 08 Jul 2025 09:18 |         | YP\AJ    | Ok     |
| 2   | I.BLK               | I.BLK               | FG016237.D     | 08 Jul 2025 09:48 |         | YP\AJ    | Ok     |
| 3   | 20 PPM ALIPHATIC HC | 20 PPM ALIPHATIC HC | FG016238.D     | 08 Jul 2025 10:17 |         | YP\AJ    | Ok,M   |
| 4   | PB168738BS          | PB168738BS          | FG016239.D     | 08 Jul 2025 10:54 |         | YP\AJ    | Ok     |
| 5   | PB168738BSD         | PB168738BSD         | FG016240.D     | 08 Jul 2025 11:25 |         | YP\AJ    | Ok     |
| 6   | I.BLK               | I.BLK               | FG016241.D     | 08 Jul 2025 11:55 |         | YP\AJ    | Ok     |
| 7   | 20 PPM ALIPHATIC HC | 20 PPM ALIPHATIC HC | FG016242.D     | 08 Jul 2025 12:54 |         | YP\AJ    | Ok     |

M : Manual Integration

|                              |                                                                                                                                                                                                                      |                                |            |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|------------|
| <b>SOP ID:</b>               | MNJDEP-EPH-8                                                                                                                                                                                                         |                                |            |
| <b>Clean Up SOP #:</b>       | N/A                                                                                                                                                                                                                  | <b>Extraction Start Date :</b> | 07/07/2025 |
| <b>Matrix :</b>              | Solid                                                                                                                                                                                                                | <b>Extraction Start Time :</b> | 09:30      |
| <b>Weigh By:</b>             | EH                                                                                                                                                                                                                   | <b>Extraction By:</b>          | RJ         |
| <b>Balance check:</b>        | RJ                                                                                                                                                                                                                   | <b>Filter By:</b>              | RJ         |
| <b>Balance ID:</b>           | EX-SC-2                                                                                                                                                                                                              | <b>pH Meter ID:</b>            | N/A        |
| <b>pH Strip Lot#:</b>        | N/A                                                                                                                                                                                                                  | <b>Hood ID:</b>                | 3,7        |
| <b>Extraction Method:</b>    | <input type="checkbox"/> Separatory Funnel <input type="checkbox"/> Continuous Liquid/Liquid <input type="checkbox"/> Sonication <input type="checkbox"/> Waste Dilution <input checked="" type="checkbox"/> Soxhlet |                                |            |
| <b>Extraction End Date :</b> | 07/07/2025                                                                                                                                                                                                           |                                |            |
| <b>Extraction End Time :</b> | 13:45                                                                                                                                                                                                                |                                |            |
| <b>Concentration By:</b>     | EH                                                                                                                                                                                                                   |                                |            |
| <b>Supervisor By :</b>       | RUPESH                                                                                                                                                                                                               |                                |            |

| Standard Name           | MLS USED | Concentration ug/mL | STD REF. # FROM LOG |
|-------------------------|----------|---------------------|---------------------|
| Spike Sol 1             | 1.0ML    | 100 PPM             | PP24625             |
| Surrogate               | 1.0ML    | 100 PPM             | PP24652             |
| Fractionation Surrogate | 1.0ML    | 100 PPM             | PP24673             |
| 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            | EP2612     |
| Baked Na2SO4      | N/A            | EP2624     |
| Hexane            | N/A            | E3947      |
| N/A               | N/A            | N/A        |
| N/A               | N/A            | N/A        |
| N/A               | N/A            | N/A        |
| N/A               | N/A            | N/A        |
| N/A               | N/A            | N/A        |
| N/A               | N/A            | N/A        |
| N/A               | N/A            | N/A        |
| N/A               | N/A            | N/A        |
| N/A               | N/A            | N/A        |
| N/A               | N/A            | N/A        |
| N/A               | N/A            | N/A        |
| N/A               | N/A            | N/A        |

## Extraction Conformance/Non-Conformance Comments:

N/A

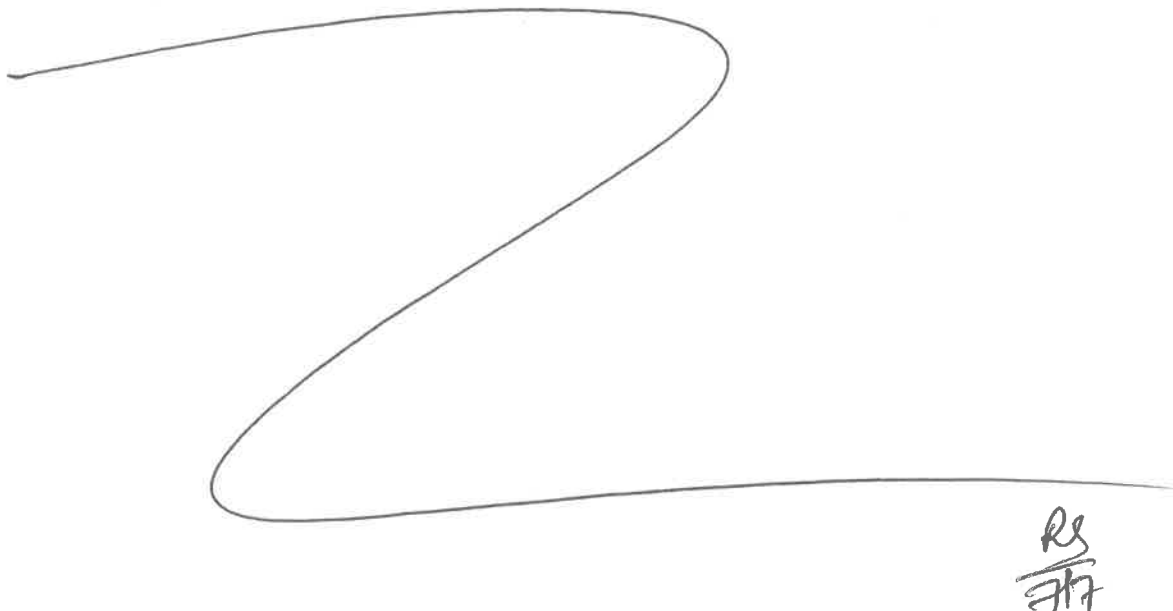
|                             |     |                           |          |
|-----------------------------|-----|---------------------------|----------|
| <b>KD Bath ID:</b>          | N/A | <b>Envap ID:</b>          | NEVAP-02 |
| <b>KD Bath Temperature:</b> | N/A | <b>Envap Temperature:</b> | 40 °C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

| Date / Time     | Prepped Sample Relinquished By/Location | Received By/Location |
|-----------------|-----------------------------------------|----------------------|
| 7/7/25<br>13:50 | RS (Edg-Web)                            | Y-P-PR) HPCB         |
|                 | Preparation Group                       | Analysis Group       |

Analytical Method: MNJDEP-EPH-8

Concentration Date: 07/07/2025

| Sample ID   | Client Sample ID   | Test   | g/ mL | PH  | Surr/Spike By: |            | Final Vol.<br>(mL) | JarID | Comments | Prep<br>Pos |
|-------------|--------------------|--------|-------|-----|----------------|------------|--------------------|-------|----------|-------------|
|             |                    |        |       |     | AddedBy        | VerifiedBy |                    |       |          |             |
| PB168738BL  | PB168738BL         | EPH_NF | 30.02 | N/A | ritesh         | Evelyn     | 2                  |       |          | U1-1        |
| PB168738BS  | PB168738BS         | EPH_NF | 30.03 | N/A | ritesh         | Evelyn     | 2                  |       |          | 2           |
| PB168738BSD | PB168738BSD        | EPH_NF | 30.01 | N/A | ritesh         | Evelyn     | 2                  |       |          | 3           |
| Q2503-03    | GCAP2              | EPH_NF | 30.06 | N/A | ritesh         | Evelyn     | 2                  | E     |          | 4           |
| Q2503-04    | GCAP3              | EPH_NF | 30.08 | N/A | ritesh         | Evelyn     | 2                  | E     |          | 5           |
| Q2507-01    | SU-04-7.3-2025     | EPH_NF | 30.03 | N/A | ritesh         | Evelyn     | 2                  | B     |          | 6           |
| Q2507-02    | SU-04-7.3-2025-EPH | EPH_NF | 30.07 | N/A | ritesh         | Evelyn     | 2                  |       |          | U2-1        |
| Q2513-01    | HR-2-070325        | EPH_NF | 30.06 | N/A | ritesh         | Evelyn     | 2                  | E     |          | 2           |
| Q2513-02    | HR-2-070325-E2     | EPH_NF | 30.02 | N/A | ritesh         | Evelyn     | 2                  |       |          | 3           |
| Q2513-03    | HR-3-070325        | EPH_NF | 30.01 | N/A | ritesh         | Evelyn     | 2                  | E     |          | 4           |
| Q2513-04    | HR-3-070325-E2     | EPH_NF | 30.04 | N/A | ritesh         | Evelyn     | 2                  |       |          | 5           |
| Q2515-01    | WC-1               | EPH_NF | 30.06 | N/A | ritesh         | Evelyn     | 2                  | E     |          | 6           |
| Q2515-01DUP | WC-1DUP            | EPH_NF | 30.07 | N/A | ritesh         | Evelyn     | 2                  | E     |          | U3-1        |
| Q2515-01MS  | WC-1MS             | EPH_NF | 30.05 | N/A | ritesh         | Evelyn     | 2                  | E     |          | 2           |
| Q2515-01MSD | WC-1MSD            | EPH_NF | 30.02 | N/A | ritesh         | Evelyn     | 2                  | E     |          | 3           |



168738  
9130

# WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2515

WorkList ID : 190568

Department : Extraction

Date : 07-07-2025 09:21:55

| Sample   | Customer Sample    | Matrix | Test   | Preservative | Customer | Raw Sample<br>Storage<br>Location | Collect Date | Method |
|----------|--------------------|--------|--------|--------------|----------|-----------------------------------|--------------|--------|
| Q2503-03 | GCAP2              | Solid  | EPH_NF | Cool 4 deg C | GENV01   | O11                               | 07/02/2025   | NJEPH  |
| Q2503-04 | GCAP3              | Solid  | EPH_NF | Cool 4 deg C | GENV01   | O11                               | 07/02/2025   | NJEPH  |
| Q2507-01 | SU-04-7.3-2025     | Solid  | EPH_NF | Cool 4 deg C | PSEG03   | O12                               | 07/04/2025   | NJEPH  |
| Q2507-02 | SU-04-7.3-2025-EPH | Solid  | EPH_NF | Cool 4 deg C | PSEG03   | O12                               | 07/04/2025   | NJEPH  |
| Q2513-01 | HR-2-070325        | Solid  | EPH_NF | Cool 4 deg C | PSEG05   | O21                               | 07/03/2025   | NJEPH  |
| Q2513-02 | HR-2-070325-E2     | Solid  | EPH_NF | Cool 4 deg C | PSEG05   | O21                               | 07/03/2025   | NJEPH  |
| Q2513-03 | HR-3-070325        | Solid  | EPH_NF | Cool 4 deg C | PSEG05   | O21                               | 07/03/2025   | NJEPH  |
| Q2513-04 | HR-3-070325-E2     | Solid  | EPH_NF | Cool 4 deg C | PSEG05   | O21                               | 07/03/2025   | NJEPH  |
| Q2515-01 | wc-1               | Solid  | EPH_NF | Cool 4 deg C | ENVO01   | O23                               | 07/03/2025   | NJEPH  |

Date/Time 07/07/25 9:25

Raw Sample Received by: RS CEA-1201

Raw Sample Relinquished by: ITCSM

Date/Time 07/07/25 9:40

Raw Sample Received by: ITCSM

Raw Sample Relinquished by: RS CEA-1201

## LAB CHRONICLE

|                 |                 |                   |                      |
|-----------------|-----------------|-------------------|----------------------|
| <b>OrderID:</b> | Q2503           | <b>OrderDate:</b> | 7/3/2025 11:38:00 AM |
| <b>Client:</b>  | G Environmental | <b>Project:</b>   | Capra                |
| <b>Contact:</b> | Gary Landis     | <b>Location:</b>  | O11,VOA Lab          |

| LabID           | ClientID     | Matrix       | Test   | Method | Sample Date     | Prep Date | Anal Date | Received        |
|-----------------|--------------|--------------|--------|--------|-----------------|-----------|-----------|-----------------|
| <b>Q2503-03</b> | <b>GCAP2</b> | <b>Solid</b> | EPH_NF | NJEPH  | <b>07/02/25</b> | 07/07/25  | 07/07/25  | <b>07/03/25</b> |
| <b>Q2503-04</b> | <b>GCAP3</b> | <b>Solid</b> | EPH_NF | NJEPH  | <b>07/02/25</b> | 07/07/25  | 07/07/25  | <b>07/03/25</b> |