# SAMPLE DATA

Raw Data: **FC069270.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | G Environmental | | Date Collected: | 06/18/25 | |
| Project: | Capra | | Date Received: | 06/18/25 | |
| Client Sample ID: | GCAP1 | | SDG No.: | Q2363 | |
| Lab Sample ID: | Q2363-01 | | Matrix: | Solid | |
| Analytical Method: | NJEPH | | % Solid: | 85.5 | |
| Sample Wt/Vol: | 30.06 | Units: g | Final Vol: | 2000 | uL |
| Soil Aliquot Vol: | | uL | Test: | EPH_F2 | |
| Prep Method : | | | | | |

| Prep Date : | Date Analyzed : | Prep Batch ID |
|---|---|---|
| 06/24/25 08:47 | 06/24/25 16:10 | PB168596 |

| CAS Number | Parameter | Conc. | Qualifier | Dilution | MDL | LOQ / CRQL | Units(Dry Weight) | Datafile |
|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | |
| Aliphatic C9-C28 | Aliphatic C9-C28 | 91.2 | | 1 | 1.06 | 4.68 | mg/kg | FC069270.D |
| Total EPH | Total EPH | 91.2 | | | 1.06 | 4.68 | mg/kg | |

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 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

Raw Data: **FC069270.D**

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | G Environmental | | Date Collected: | 06/18/25 | |
| Project: | Capra | | Date Received: | 06/18/25 | |
| Client Sample ID: | GCAP1 | | SDG No.: | Q2363 | |
| Lab Sample ID: | Q2363-01 | | Matrix: | Solid | |
| Analytical Method: | NJEPH | | % Solid: | 85.5 | |
| Sample Wt/Vol: | 30.06 | Units: g | Final Vol: | 2000 | uL |
| Soil Aliquot Vol: | | uL | Test: | EPH_F2 | |
| Prep Method : | | | | | |

| File ID : | Dilution: | Prep Date : | Date Analyzed : | Prep Batch ID |
|---|---|---|---|---|
| FC069270.D | 1 | 06/24/25 | 06/24/25 | PB168596 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| Aliphatic C9-C28 | Aliphatic C9-C28 | 91.2 | | 1.06 | 4.68 | mg/kg |
| Aliphatic C28-C40 | Aliphatic C28-C40 | 8.76 | | 1.38 | 2.33 | mg/kg |
| **SURROGATES** | | | | | | |
| 3383-33-2 | 1-chlorooctadecane (SURR) | 27.6 | | 40 - 140 | 55% | SPK: 50 |
| 84-15-1 | ortho-Terphenyl (SURR) | 26.6 | | 40 - 140 | 53% | SPK: 50 |

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# Quantitation Report For Aliphatic EPH Range.

| | | | |
|---|---|---|---|
| Lab Sample ID: | Q2363-01 | Acq On: | 24 Jun 2025 16:10 |
| Client Sample ID: | GCAP1 | Operator: | YP/AJ |
| Data file: | FC069270.D | Misc: | |
| Instrument: | FID_C | ALS Vial: | 19 |
| Dilution Factor: | 1 | Sample Multiplier: | 1.00 |

| Compound | R.T. | | Response | Conc | highest_standard | Units |
|---|---|---|---|---|---|---|
| Aliphatic C9-C12 | 3.308 | 6.606 | 75448948 | 514.379 | 300 | ug/ml |
| Aliphatic C12-C16 | 6.607 | 10.010 | 77163156 | 484.661 | 200 | ug/ml |
| Aliphatic C16-C21 | 10.011 | 13.381 | 14313205 | 92.682 | 300 | ug/ml |
| Aliphatic C21-C28 | 13.382 | 17.047 | 10799471 | 80.613 | 400 | ug/ml |
| Aliphatic C28-C40 | 17.048 | 22.029 | 10370723 | 112.573 | 600 | ug/ml |
| Aliphatic EPH | 3.308 | 22.029 | 188095503 | 1280 | | ug/ml |
| ortho-Terphenyl (SURR) | 11.679 | 11.679 | 4598725 | 26.62 | | ug/ml |
| 1-chlorooctadecane (SURR) | 13.114 | 13.114 | 3598819 | 27.55 | | ug/ml |
| Aliphatic C9-C28 | 3.308 | 17.047 | 177724780 | 1170 | 1200 | ug/ml |

# QC SUMMARY

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## SOIL EPH SURROGATE RECOVERY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM CASE No.: Q2363 SAS No.: Q2363 SDG No.: Q2363

Run Number: FC062425AL

| Client SAMPLE NO. | 1-chlorooctadecane (SURR) | ortho-Terphenyl (SURR) | | TOT OUT |
|---|---|---|---|---|
| PB168596BL | 70 | 68 | | 0 |
| PB168596BS | 73 | 70 | | 0 |
| PB168596BSD | 75 | 72 | | 0 |
| GCAP1 | 55 | 53 | | 0 |
| GCAP1MS | 55 | 52 | | 0 |
| GCAP1MSD | 53 | 50 | | 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

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## SOLID EPH_F2 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

**Lab Name:** Chemtech **Client:** G Environmental

**Lab Code:** CHEM **Cas No:** Q2363 **SAS No :** Q2363 **SDG No:** Q2363

**Sample No :** Q2363-01MS **Datafile:** FC069271.D **Client ID :** GCAP1MS

| COMPOUND | SPIKE ADDED mg/kg | SAMPLE CONCENTRATION mg/kg | MS/MSD CONCENTRATION mg/kg | % REC | Qual | QC LIMITS |
|---|---|---|---|---|---|---|
| Aliphatic C28-C40 | 35.0 | 8.76 | 42.1 | 95 | | (40-140) |
| Aliphatic C9-C28 | 116.6 | 91.2 | 166 | 64 | | (40-140) |

| COMPOUND | SPIKE ADDED mg/kg | SAMPLE CONCENTRATION mg/kg | MS/MSD CONCENTRATION mg/kg | % REC | Qual | QC LIMITS |
|---|---|---|---|---|---|---|
| n-Nonane (C9) | 3.9 | 0.3531 | 3.1634 | 72 | | (40-140) |
| n-Decane (C10) | 3.9 | 0.9697 | 3.7050 | 70 | | (40-140) |
| Naphthalene (C11.7) | 3.9 | 1.6934 | 4.8581 | 81 | | (40-140) |
| n-Dodecane (C12) | 3.9 | 1.3068 | 4.2105 | 74 | | (40-140) |
| 2-methylnaphthalene (C12.89) | 3.9 | 1.1581 | 4.1797 | 77 | | (40-140) |
| n-Tetradecane (C14) | 3.9 | 1.6882 | 4.5476 | 73 | | (40-140) |
| n-Hexadecane (C16) | 3.9 | 0.3822 | 3.1236 | 70 | | (40-140) |
| n-Octadecane (C18) | 3.9 | 0.0827 | 2.7097 | 67 | | (40-140) |
| n-Eicosane (C20) | 3.9 | 0.0706 | 2.8381 | 71 | | (40-140) |
| n-Heneicosane (C21) | 3.9 | 0.0582 | 2.7655 | 69 | | (40-140) |
| n-Docosane (C22) | 3.9 | 0.0876 | 2.7718 | 69 | | (40-140) |
| n-Tetracosane (C24) | 7.8 | 0.0820 | 5.5245 | 70 | | (40-140) |
| n-Hexacosane (C26) | 3.9 | 0.0963 | 2.7712 | 69 | | (40-140) |
| n-Octacosane (C28) | 3.9 | 0.1094 | 2.7859 | 69 | | (40-140) |
| n-Tricontane (C30) | 3.9 | 0.0521 | 2.8189 | 71 | | (40-140) |
| n-Dotriacontane (C32) | 3.9 | 0.1476 | 3.0635 | 75 | | (40-140) |
| n-Tetratriacontane (C34) | 3.9 | 0.2193 | 3.6322 | 88 | | (40-140) |
| n-Hexatriacontane (C36) | 3.9 | 0.3689 | 4.2315 | 99 | | (40-140) |
| n-Octatriacontane (C38) | 3.9 | 0.1866 | 4.7284 | 116 | | (40-140) |
| n-Tetracontane (C40) | 3.9 | 0.0824 | 4.5424 | 114 | | (40-140) |

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## SOLID EPH_F2 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

**Lab Name:** Chemtech **Client:** G Environmental

**Lab Code:** CHEM **Cas No:** Q2363 **SAS No :** Q2363 **SDG No:** Q2363

**Sample No :** Q2363-01MSD **Datafile:** FC069272.D **Client ID :** GCAP1MSD

| COMPOUND | SPIKE ADDED mg/kg | SAMPLE CONCENTRATION mg/kg | MS/MSD CONCENTRATION mg/kg | % REC | Qual | RPD \| | QC LIMITS | QC Limit Of RPD |
|---|---|---|---|---|---|---|---|---|
| Aliphatic C28-C40 | 35.0 | 8.76 | 38.9 | 86 | | 10.3 \| | (40-140) | 50 |
| Aliphatic C9-C28 | 116.7 | 91.2 | 156 | 56 | | 14 \| | (40-140) | 50 |

| COMPOUND | SPIKE ADDED mg/kg | SAMPLE CONCENTRATION mg/kg | MS/MSD CONCENTRATION mg/kg | % REC | Qual | RPD \| | QC LIMITS | QC Limit Of RPD |
|---|---|---|---|---|---|---|---|---|
| n-Nonane (C9) | 3.9 | 0.3531 | 3.0110 | 68 | | 5.71 \| | (40-140) | 50 |
| n-Decane (C10) | 3.9 | 0.9697 | 3.5097 | 65 | | 7.41 \| | (40-140) | 50 |
| Naphthalene (C11.7) | 3.9 | 1.6934 | 4.6088 | 75 | | 7.69 \| | (40-140) | 50 |
| n-Dodecane (C12) | 3.9 | 1.3068 | 3.9778 | 68 | | 8.45 \| | (40-140) | 50 |
| 2-methylnaphthalene (C12.89) | 3.9 | 1.1581 | 3.9541 | 72 | | 6.71 \| | (40-140) | 50 |
| n-Tetradecane (C14) | 3.9 | 1.6882 | 4.2704 | 66 | | 10.07 \| | (40-140) | 50 |
| n-Hexadecane (C16) | 3.9 | 0.3822 | 2.9246 | 65 | | 7.41 \| | (40-140) | 50 |
| n-Octadecane (C18) | 3.9 | 0.0827 | 2.5418 | 63 | | 6.15 \| | (40-140) | 50 |
| n-Eicosane (C20) | 3.9 | 0.0706 | 2.6637 | 66 | | 7.3 \| | (40-140) | 50 |
| n-Heneicosane (C21) | 3.9 | 0.0582 | 2.5933 | 65 | | 5.97 \| | (40-140) | 50 |
| n-Docosane (C22) | 3.9 | 0.0876 | 2.5989 | 64 | | 7.52 \| | (40-140) | 50 |
| n-Tetracosane (C24) | 7.8 | 0.0820 | 5.1302 | 65 | | 7.41 \| | (40-140) | 50 |
| n-Hexacosane (C26) | 3.9 | 0.0963 | 2.5846 | 64 | | 7.52 \| | (40-140) | 50 |
| n-Octacosane (C28) | 3.9 | 0.1094 | 2.5635 | 63 | | 9.09 \| | (40-140) | 50 |
| n-Tricontane (C30) | 3.9 | 0.0521 | 2.5520 | 64 | | 10.37 \| | (40-140) | 50 |
| n-Dotriacontane (C32) | 3.9 | 0.1476 | 2.7713 | 67 | | 11.27 \| | (40-140) | 50 |
| n-Tetratriacontane (C34) | 3.9 | 0.2193 | 3.2717 | 78 | | 12.05 \| | (40-140) | 50 |
| n-Hexatriacontane (C36) | 3.9 | 0.3689 | 3.8354 | 89 | | 10.64 \| | (40-140) | 50 |
| n-Octatriacontane (C38) | 3.9 | 0.1866 | 4.3914 | 108 | | 7.14 \| | (40-140) | 50 |
| n-Tetracontane (C40) | 3.9 | 0.0824 | 4.1951 | 105 | | 8.22 \| | (40-140) | 50 |

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## SOLID EPH_F2 LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

**Lab Name:** Chemtech **Client:** G Environmental

**Lab Code:** CHEM **Cas No:** Q2363 **SAS No :** Q2363 **SDG No:** Q2363

**Sample No :** PB168596BS **Datafile:** FC069268.D **Client ID :** PB168596BS

| COMPOUND | SPIKE ADDED mg/kg | LCS/LCSD CONCENTRATION mg/kg | % REC | Qual | QC LIMITS |
|---|---|---|---|---|---|
| Aliphatic C28-C40 | 30.0 | 28.9 | 96 | | (40-140) |
| Aliphatic C9-C28 | 99.9 | 71.4 | 73 | | (40-140) |

| COMPOUND | SPIKE ADDED mg/kg | LCS/LCSD CONCENTRATION mg/kg | % REC | Qual | QC LIMITS |
|---|---|---|---|---|---|
| n-Nonane (C9) | 3.3 | 2.50286 | 76 | | (40-140) |
| n-Decane (C10) | 3.3 | 2.64906 | 80 | | (40-140) |
| Naphthalene (C11.7) | 3.3 | 2.98025 | 90 | | (40-140) |
| n-Dodecane (C12) | 3.3 | 2.72316 | 83 | | (40-140) |
| 2-methylnaphthalene (C12.89) | 3.3 | 2.82944 | 86 | | (40-140) |
| n-Tetradecane (C14) | 3.3 | 2.70941 | 82 | | (40-140) |
| n-Hexadecane (C16) | 3.3 | 2.57250 | 78 | | (40-140) |
| n-Octadecane (C18) | 3.3 | 2.47344 | 75 | | (40-140) |
| n-Eicosane (C20) | 3.3 | 2.58429 | 78 | | (40-140) |
| n-Heneicosane (C21) | 3.3 | 2.50344 | 76 | | (40-140) |
| n-Docosane (C22) | 3.3 | 2.48205 | 75 | | (40-140) |
| n-Tetracosane (C24) | 6.7 | 4.98933 | 74 | | (40-140) |
| n-Hexacosane (C26) | 3.3 | 2.45270 | 74 | | (40-140) |
| n-Octacosane (C28) | 3.3 | 2.47620 | 75 | | (40-140) |
| n-Tricontane (C30) | 3.3 | 2.47526 | 75 | | (40-140) |
| n-Dotriacontane (C32) | 3.3 | 2.59511 | 79 | | (40-140) |
| n-Tetratriacontane (C34) | 3.3 | 3.00565 | 91 | | (40-140) |
| n-Hexatriacontane (C36) | 3.3 | 3.36244 | 102 | | (40-140) |
| n-Octatriacontane (C38) | 3.3 | 3.80751 | 115 | | (40-140) |
| n-Tetracontane (C40) | 3.3 | 4.02460 | 122 | | (40-140) |

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## SOLID EPH_F2 LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

**Lab Name:** Chemtech **Client:** G Environmental

**Lab Code:** CHEM **Cas No:** Q2363 **SAS No :** Q2363 **SDG No:** Q2363

**Sample No :** PB168596BSD **Datafile:** FC069269.D **Client ID :** PB168596BSD

| COMPOUND | SPIKE ADDED mg/kg | LCS/LCSD CONCENTRATION mg/kg | % REC | Qual | RPD \| QC LIMITS | QC Limit Of RPD |
|---|---|---|---|---|---|---|
| Aliphatic C28-C40 | 30.0 | 29.0 | 97 | | 0.34\| (40-140) | 25 |
| Aliphatic C9-C28 | 99.9 | 71.4 | 73 | | 0.008\| (40-140) | 25 |

| COMPOUND | SPIKE ADDED mg/kg | LCS/LCSD CONCENTRATION mg/kg | % REC | Qual | RPD \| QC LIMITS | QC Limit Of RPD |
|---|---|---|---|---|---|---|
| n-Nonane (C9) | 3.3 | 2.55223 | 77 | | 1.31\| (40-140) | 25 |
| n-Decane (C10) | 3.3 | 2.67136 | 81 | | 1.24\| (40-140) | 25 |
| Naphthalene (C11.7) | 3.3 | 2.97511 | 90 | | 0\| (40-140) | 25 |
| n-Dodecane (C12) | 3.3 | 2.71395 | 82 | | 1.21\| (40-140) | 25 |
| 2-methylnaphthalene (C12.89) | 3.3 | 2.81396 | 85 | | 1.17\| (40-140) | 25 |
| n-Tetradecane (C14) | 3.3 | 2.67453 | 81 | | 1.23\| (40-140) | 25 |
| n-Hexadecane (C16) | 3.3 | 2.52498 | 77 | | 1.29\| (40-140) | 25 |
| n-Octadecane (C18) | 3.3 | 2.42582 | 74 | | 1.34\| (40-140) | 25 |
| n-Eicosane (C20) | 3.3 | 2.55139 | 77 | | 1.29\| (40-140) | 25 |
| n-Heneicosane (C21) | 3.3 | 2.48508 | 75 | | 1.32\| (40-140) | 25 |
| n-Docosane (C22) | 3.3 | 2.47570 | 75 | | 0\| (40-140) | 25 |
| n-Tetracosane (C24) | 6.7 | 5.02199 | 75 | | 1.34\| (40-140) | 25 |
| n-Hexacosane (C26) | 3.3 | 2.47553 | 75 | | 1.34\| (40-140) | 25 |
| n-Octacosane (C28) | 3.3 | 2.49795 | 76 | | 1.32\| (40-140) | 25 |
| n-Tricontane (C30) | 3.3 | 2.49864 | 76 | | 1.32\| (40-140) | 25 |
| n-Dotriacontane (C32) | 3.3 | 2.61671 | 79 | | 0\| (40-140) | 25 |
| n-Tetratriacontane (C34) | 3.3 | 3.02167 | 92 | | 1.09\| (40-140) | 25 |
| n-Hexatriacontane (C36) | 3.3 | 3.37293 | 102 | | 0\| (40-140) | 25 |
| n-Octatriacontane (C38) | 3.3 | 3.81313 | 116 | | 0.87\| (40-140) | 25 |
| n-Tetracontane (C40) | 3.3 | 4.02878 | 122 | | 0\| (40-140) | 25 |

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4B

METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168596BL

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG NO.: Q2363

Instrument ID: FID_C Lab Sample ID: PB168596BL

Matrix: (soil/water) Solid Date Extracted: 6/24/2025 8:47:00 A

Level: (low/med) low

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

| EPA SAMPLE NO. | LAB SAMPLE ID |
|---|---|
| PB168596BS | PB168596BS |
| PB168596BSD | PB168596BSD |
| GCAP1 | Q2363-01 |
| GCAP1MS | Q2363-01MS |
| GCAP1MSD | Q2363-01MSD |

COMMENTS:

# QC SAMPLE DATA

Raw Data: **FC069267.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | G Environmental | | | Date Collected: | |
| Project: | Capra | | | Date Received: | |
| Client Sample ID: | PB168596BL | | | SDG No.: | Q2363 |
| Lab Sample ID: | PB168596BL | | | Matrix: | Solid |
| Analytical Method: | NJEPH | | | % Solid: | 100 |
| Sample Wt/Vol: | 30.01 | Units: | g | Final Vol: | 2000 uL |
| Soil Aliquot Vol: | | | uL | Test: | EPH_F2 |
| Prep Method : | | | | | |

| Prep Date : | Date Analyzed : | Prep Batch ID |
|---|---|---|
| 06/24/25 08:47 | 06/24/25 13:48 | PB168596 |

| CAS Number | Parameter | Conc. | Qualifier | Dilution | MDL | LOQ / CRQL | Units(Dry Weight) | Datafile |
|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | |
| Aliphatic C9-C28 | Aliphatic C9-C28 | 0.91 | U | 1 | 0.91 | 4.00 | mg/kg | FC069267.D |
| Total EPH | Total EPH | 0.91 | U | | 0.91 | 4.00 | mg/kg | |

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 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

Raw Data: **FC069267.D**

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | G Environmental | | Date Collected: | | |
| Project: | Capra | | Date Received: | | |
| Client Sample ID: | PB168596BL | | SDG No.: | Q2363 | |
| Lab Sample ID: | PB168596BL | | Matrix: | Solid | |
| Analytical Method: | NJEPH | | % Solid: | 100 | |
| Sample Wt/Vol: | 30.01 Units: | g | Final Vol: | 2000 | uL |
| Soil Aliquot Vol: | | uL | Test: | EPH_F2 | |
| Prep Method : | | | | | |

| File ID : | Dilution: | Prep Date : | Date Analyzed : | Prep Batch ID |
|---|---|---|---|---|
| FC069267.D | 1 | 06/24/25 | 06/24/25 | PB168596 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| Aliphatic C9-C28 | Aliphatic C9-C28 | 0.91 | U | 0.91 | 4.00 | mg/kg |
| Aliphatic C28-C40 | Aliphatic C28-C40 | 1.18 | U | 1.18 | 2.00 | mg/kg |
| **SURROGATES** | | | | | | |
| 3383-33-2 | 1-chlorooctadecane (SURR) | 35.1 | | 40 - 140 | 70% | SPK: 50 |
| 84-15-1 | ortho-Terphenyl (SURR) | 34.1 | | 40 - 140 | 68% | SPK: 50 |

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# Quantitation Report For Aliphatic EPH Range.

| | | | |
|---|---|---|---|
| Lab Sample ID: | PB168596BL | Acq On: | 24 Jun 2025 13:48 |
| Client Sample ID: | PB168596BL | Operator: | YP/AJ |
| Data file: | FC069267.D | Misc: | |
| Instrument: | FID_C | ALS Vial: | 16 |
| Dilution Factor: | 1 | Sample Multiplier: | 1.00 |

| Compound | R.T. | | Response | Conc | highest_standard | Units |
|---|---|---|---|---|---|---|
| Aliphatic C9-C12 | 3.308 | 6.606 | 0 | 0 | 300 | ug/ml |
| Aliphatic C12-C16 | 6.607 | 10.010 | 0 | 0 | 200 | ug/ml |
| Aliphatic C16-C21 | 10.011 | 13.381 | 0 | 0 | 300 | ug/ml |
| Aliphatic C21-C28 | 13.382 | 17.047 | 0 | 0 | 400 | ug/ml |
| Aliphatic C28-C40 | 17.048 | 22.029 | 0 | 0 | 600 | ug/ml |
| Aliphatic EPH | 3.308 | 22.029 | 0 | 0 | | ug/ml |
| ortho-Terphenyl (SURR) | 11.679 | 11.679 | 5889732 | 34.09 | | ug/ml |
| 1-chlorooctadecane (SURR) | 13.114 | 13.114 | 4586388 | 35.11 | | ug/ml |
| Aliphatic C9-C28 | 3.308 | 17.047 | 0 | 0 | 1200 | ug/ml |

Raw Data: **FC069268.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | G Environmental | | | Date Collected: | |
| Project: | Capra | | | Date Received: | |
| Client Sample ID: | PB168596BS | | | SDG No.: | Q2363 |
| Lab Sample ID: | PB168596BS | | | Matrix: | Solid |
| Analytical Method: | NJEPH | | | % Solid: | 100 |
| Sample Wt/Vol: | 30.02 | Units: | g | Final Vol: | 2000 uL |
| Soil Aliquot Vol: | | | uL | Test: | EPH_F2 |
| Prep Method : | | | | | |

| Prep Date : | Date Analyzed : | Prep Batch ID |
|---|---|---|
| 06/24/25 08:47 | 06/24/25 14:35 | PB168596 |

| CAS Number | Parameter | Conc. | Qualifier | Dilution | MDL | LOQ / CRQL | Units(Dry Weight) | Datafile |
|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | |
| Aliphatic C9-C28 | Aliphatic C9-C28 | 71.4 | | 1 | 0.91 | 3.99 | mg/kg | FC069268.D |
| Total EPH | Total EPH | 71.4 | | | 0.91 | 3.99 | mg/kg | |

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 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

Raw Data: **FC069268.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | G Environmental | | Date Collected: | | |
| Project: | Capra | | Date Received: | | |
| Client Sample ID: | PB168596BS | | SDG No.: | Q2363 | |
| Lab Sample ID: | PB168596BS | | Matrix: | Solid | |
| Analytical Method: | NJEPH | | % Solid: | 100 | |
| Sample Wt/Vol: | 30.02 Units: | g | Final Vol: | 2000 | uL |
| Soil Aliquot Vol: | | uL | Test: | EPH_F2 | |
| Prep Method : | | | | | |

| File ID : | Dilution: | Prep Date : | Date Analyzed : | Prep Batch ID |
|---|---|---|---|---|
| FC069268.D | 1 | 06/24/25 | 06/24/25 | PB168596 |

| CAS Number | Parameter | | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| Aliphatic C9-C28 | Aliphatic C9-C28 | | 71.4 | | 0.91 | 3.99 | mg/kg |
| Aliphatic C28-C40 | Aliphatic C28-C40 | | 28.9 | | 1.18 | 2.00 | mg/kg |
| **SURROGATES** | | | | | | | |
| 3383-33-2 | 1-chlorooctadecane (SURR) | | 36.7 | | 40 - 140 | 73% | SPK: 50 |
| 84-15-1 | ortho-Terphenyl (SURR) | | 35.2 | | 40 - 140 | 70% | SPK: 50 |

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# Quantitation Report For Aliphatic EPH Range.

| | | | |
|---|---|---|---|
| Lab Sample ID: | PB168596BS | Acq On: | 24 Jun 2025 14:35 |
| Client Sample ID: | PB168596BS | Operator: | YP/AJ |
| Data file: | FC069268.D | Misc: | |
| Instrument: | FID_C | ALS Vial: | 17 |
| Dilution Factor: | 1 | Sample Multiplier: | 1.00 |

| Compound | R.T. | | Response | Conc | highest_standard | Units |
|---|---|---|---|---|---|---|
| Aliphatic C9-C12 | 3.308 | 6.606 | 31293620 | 213.347 | 300 | ug/ml |
| Aliphatic C12-C16 | 6.607 | 10.010 | 40328580 | 253.303 | 200 | ug/ml |
| Aliphatic C16-C21 | 10.011 | 13.381 | 41779482 | 270.532 | 300 | ug/ml |
| Aliphatic C21-C28 | 13.382 | 17.047 | 44883560 | 335.036 | 400 | ug/ml |
| Aliphatic C28-C40 | 17.048 | 22.029 | 39936791 | 433.509 | 600 | ug/ml |
| Aliphatic EPH | 3.308 | 22.029 | 198222033 | 1510 | | ug/ml |
| ortho-Terphenyl (SURR) | 11.681 | 11.681 | 6080452 | 35.2 | | ug/ml |
| 1-chlorooctadecane (SURR) | 13.115 | 13.115 | 4791844 | 36.68 | | ug/ml |
| Aliphatic C9-C28 | 3.308 | 17.047 | 158285242 | 1070 | 1200 | ug/ml |

Raw Data: **FC069269.D**

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | G Environmental | | Date Collected: | | |
| Project: | Capra | | Date Received: | | |
| Client Sample ID: | PB168596BSD | | SDG No.: | Q2363 | |
| Lab Sample ID: | PB168596BSD | | Matrix: | Solid | |
| Analytical Method: | NJEPH | | % Solid: | 100 | |
| Sample Wt/Vol: | 30.02 Units: | g | Final Vol: | 2000 | uL |
| Soil Aliquot Vol: | | uL | Test: | EPH_F2 | |
| Prep Method : | | | | | |

| Prep Date : | Date Analyzed : | Prep Batch ID |
|---|---|---|
| 06/24/25 08:47 | 06/24/25 15:22 | PB168596 |

| CAS Number | Parameter | Conc. | Qualifier | Dilution | MDL | LOQ / CRQL | Units(Dry Weight) | Datafile |
|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | |
| Aliphatic C9-C28 | Aliphatic C9-C28 | 71.4 | | 1 | 0.91 | 3.99 | mg/kg | FC069269.D |
| Total EPH | Total EPH | 71.4 | | | 0.91 | 3.99 | mg/kg | |

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 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

Raw Data: **FC069269.D**

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | G Environmental | | Date Collected: | | |
| Project: | Capra | | Date Received: | | |
| Client Sample ID: | PB168596BSD | | SDG No.: | Q2363 | |
| Lab Sample ID: | PB168596BSD | | Matrix: | Solid | |
| Analytical Method: | NJEPH | | % Solid: | 100 | |
| Sample Wt/Vol: | 30.02 | Units: g | Final Vol: | 2000 | uL |
| Soil Aliquot Vol: | | uL | Test: | EPH_F2 | |
| Prep Method : | | | | | |

| File ID : | Dilution: | Prep Date : | Date Analyzed : | Prep Batch ID |
|---|---|---|---|---|
| FC069269.D | 1 | 06/24/25 | 06/24/25 | PB168596 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| Aliphatic C9-C28 | Aliphatic C9-C28 | 71.4 | | 0.91 | 3.99 | mg/kg |
| Aliphatic C28-C40 | Aliphatic C28-C40 | 29.0 | | 1.18 | 2.00 | mg/kg |
| **SURROGATES** | | | | | | |
| 3383-33-2 | 1-chlorooctadecane (SURR) | 37.3 | | 40 - 140 | 75% | SPK: 50 |
| 84-15-1 | ortho-Terphenyl (SURR) | 35.8 | | 40 - 140 | 72% | SPK: 50 |

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# Quantitation Report For Aliphatic EPH Range.

| | | | |
|---|---|---|---|
| Lab Sample ID: | PB168596BSD | Acq On: | 24 Jun 2025 15:22 |
| Client Sample ID: | PB168596BSD | Operator: | YP/AJ |
| Data file: | FC069269.D | Misc: | |
| Instrument: | FID_C | ALS Vial: | 18 |
| Dilution Factor: | 1 | Sample Multiplier: | 1.00 |

| Compound | R.T. | | Response | Conc | highest_standard | Units |
|---|---|---|---|---|---|---|
| Aliphatic C9-C12 | 3.308 | 6.606 | 31454082 | 214.441 | 300 | ug/ml |
| Aliphatic C12-C16 | 6.607 | 10.010 | 39931854 | 250.812 | 200 | ug/ml |
| Aliphatic C16-C21 | 10.011 | 13.381 | 41648759 | 269.686 | 300 | ug/ml |
| Aliphatic C21-C28 | 13.382 | 17.047 | 45119169 | 336.795 | 400 | ug/ml |
| Aliphatic C28-C40 | 17.048 | 22.029 | 40062916 | 434.878 | 600 | ug/ml |
| Aliphatic EPH | 3.308 | 22.029 | 198216780 | 1510 | | ug/ml |
| ortho-Terphenyl (SURR) | 11.680 | 11.680 | 6192271 | 35.84 | | ug/ml |
| 1-chlorooctadecane (SURR) | 13.115 | 13.115 | 4875041 | 37.32 | | ug/ml |
| Aliphatic C9-C28 | 3.308 | 17.047 | 158153864 | 1070 | 1200 | ug/ml |

Raw Data: **FC069271.D**

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | G Environmental | | | Date Collected: | |
| Project: | Capra | | | Date Received: | |
| Client Sample ID: | GCAP1MS | | | SDG No.: | Q2363 |
| Lab Sample ID: | Q2363-01MS | | | Matrix: | Solid |
| Analytical Method: | NJEPH | | | % Solid: | 85.5 |
| Sample Wt/Vol: | 30.08 | Units: | g | Final Vol: | 2000 uL |
| Soil Aliquot Vol: | | | uL | Test: | EPH_F2 |
| Prep Method : | | | | | |

| Prep Date : | Date Analyzed : | Prep Batch ID |
|---|---|---|
| 06/24/25 08:47 | 06/24/25 16:57 | PB168596 |

| CAS Number | Parameter | Conc. | Qualifier | Dilution | MDL | LOQ / CRQL | Units(Dry Weight) | Datafile |
|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | |
| Aliphatic C9-C28 | Aliphatic C9-C28 | 166 | E | 1 | 1.06 | 4.68 | mg/kg | FC069271.D |
| Total EPH | Total EPH | 166 | | | 1.06 | 4.68 | mg/kg | |

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 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

Raw Data: **FC069271.D**

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | G Environmental | | Date Collected: | | |
| Project: | Capra | | Date Received: | | |
| Client Sample ID: | GCAP1MS | | SDG No.: | Q2363 | |
| Lab Sample ID: | Q2363-01MS | | Matrix: | Solid | |
| Analytical Method: | NJEPH | | % Solid: | 85.5 | |
| Sample Wt/Vol: | 30.08 Units: | g | Final Vol: | 2000 | uL |
| Soil Aliquot Vol: | | uL | Test: | EPH_F2 | |
| Prep Method : | | | | | |

| File ID : | Dilution: | Prep Date : | Date Analyzed : | Prep Batch ID |
|---|---|---|---|---|
| FC069271.D | 1 | 06/24/25 | 06/24/25 | PB168596 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| Aliphatic C9-C28 | Aliphatic C9-C28 | 166 | E | 1.06 | 4.68 | mg/kg |
| Aliphatic C28-C40 | Aliphatic C28-C40 | 42.1 | | 1.38 | 2.33 | mg/kg |
| **SURROGATES** | | | | | | |
| 3383-33-2 | 1-chlorooctadecane (SURR) | 27.6 | | 40 - 140 | 55% | SPK: 50 |
| 84-15-1 | ortho-Terphenyl (SURR) | 26.1 | | 40 - 140 | 52% | SPK: 50 |

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# Quantitation Report For Aliphatic EPH Range.

| | | | |
|---|---|---|---|
| Lab Sample ID: | Q2363-01MS | Acq On: | 24 Jun 2025 16:57 |
| Client Sample ID: | GCAP1MS | Operator: | YP/AJ |
| Data file: | FC069271.D | Misc: | |
| Instrument: | FID_C | ALS Vial: | 20 |
| Dilution Factor: | 1 | Sample Multiplier: | 1.00 |

| Compound | R.T. | | Response | Conc | highest_standard | Units |
|---|---|---|---|---|---|---|
| Aliphatic C9-C12 | 3.308 | 6.606 | 102138656 | 696.338 | 300 | ug/ml |
| Aliphatic C12-C16 | 6.607 | 10.010 | 111424272 | 699.855 | 200 | ug/ml |
| Aliphatic C16-C21 | 10.011 | 13.381 | 52965421 | 342.964 | 300 | ug/ml |
| Aliphatic C21-C28 | 13.382 | 17.047 | 52981760 | 395.486 | 400 | ug/ml |
| Aliphatic C28-C40 | 17.048 | 22.029 | 49885798 | 541.505 | 600 | ug/ml |
| Aliphatic EPH | 3.308 | 22.029 | 369395907 | 2680 | | ug/ml |
| ortho-Terphenyl (SURR) | 11.680 | 11.680 | 4514590 | 26.13 | | ug/ml |
| 1-chlorooctadecane (SURR) | 13.115 | 13.115 | 3606277 | 27.6 | | ug/ml |
| Aliphatic C9-C28 | 3.308 | 17.047 | 319510109 | 2130 | 1200 | ug/ml |

Raw Data: **FC069272.D**

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | G Environmental | | | Date Collected: | |
| Project: | Capra | | | Date Received: | |
| Client Sample ID: | GCAP1MSD | | | SDG No.: | Q2363 |
| Lab Sample ID: | Q2363-01MSD | | | Matrix: | Solid |
| Analytical Method: | NJEPH | | | % Solid: | 85.5 |
| Sample Wt/Vol: | 30.05 | Units: | g | Final Vol: | 2000 uL |
| Soil Aliquot Vol: | | | uL | Test: | EPH_F2 |
| Prep Method : | | | | | |

| Prep Date : | Date Analyzed : | Prep Batch ID |
|---|---|---|
| 06/24/25 08:47 | 06/24/25 17:45 | PB168596 |

| CAS Number | Parameter | Conc. | Qualifier | Dilution | MDL | LOQ / CRQL | Units(Dry Weight) | Datafile |
|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | |
| Aliphatic C9-C28 | Aliphatic C9-C28 | 156 | E | 1 | 1.06 | 4.68 | mg/kg | FC069272.D |
| Total EPH | Total EPH | 156 | | | 1.06 | 4.68 | mg/kg | |

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 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

Raw Data: **FC069272.D**

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | G Environmental | | Date Collected: | | |
| Project: | Capra | | Date Received: | | |
| Client Sample ID: | GCAP1MSD | | SDG No.: | Q2363 | |
| Lab Sample ID: | Q2363-01MSD | | Matrix: | Solid | |
| Analytical Method: | NJEPH | | % Solid: | 85.5 | |
| Sample Wt/Vol: | 30.05 Units: | g | Final Vol: | 2000 | uL |
| Soil Aliquot Vol: | | uL | Test: | EPH_F2 | |
| Prep Method : | | | | | |

| File ID : | Dilution: | Prep Date : | Date Analyzed : | Prep Batch ID |
|---|---|---|---|---|
| FC069272.D | 1 | 06/24/25 | 06/24/25 | PB168596 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| Aliphatic C9-C28 | Aliphatic C9-C28 | 156 | E | 1.06 | 4.68 | mg/kg |
| Aliphatic C28-C40 | Aliphatic C28-C40 | 38.9 | | 1.38 | 2.34 | mg/kg |
| **SURROGATES** | | | | | | |
| 3383-33-2 | 1-chlorooctadecane (SURR) | 26.3 | | 40 - 140 | 53% | SPK: 50 |
| 84-15-1 | ortho-Terphenyl (SURR) | 24.9 | | 40 - 140 | 50% | SPK: 50 |

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# Quantitation Report For Aliphatic EPH Range.

| | | | |
|---|---|---|---|
| Lab Sample ID: | Q2363-01MSD | Acq On: | 24 Jun 2025 17:45 |
| Client Sample ID: | GCAP1MSD | Operator: | YP/AJ |
| Data file: | FC069272.D | Misc: | |
| Instrument: | FID_C | ALS Vial: | 21 |
| Dilution Factor: | 1 | Sample Multiplier: | 1.00 |

| Compound | R.T. | | Response | Conc | highest_standard | Units |
|---|---|---|---|---|---|---|
| Aliphatic C9-C12 | 3.308 | 6.606 | 97115317 | 662.091 | 300 | ug/ml |
| Aliphatic C12-C16 | 6.607 | 10.010 | 105116721 | 660.237 | 200 | ug/ml |
| Aliphatic C16-C21 | 10.011 | 13.381 | 49548670 | 320.84 | 300 | ug/ml |
| Aliphatic C21-C28 | 13.382 | 17.047 | 49114203 | 366.616 | 400 | ug/ml |
| Aliphatic C28-C40 | 17.048 | 22.029 | 45995912 | 499.28 | 600 | ug/ml |
| Aliphatic EPH | 3.308 | 22.029 | 346890823 | 2510 | | ug/ml |
| ortho-Terphenyl (SURR) | 11.680 | 11.680 | 4302738 | 24.91 | | ug/ml |
| 1-chlorooctadecane (SURR) | 13.115 | 13.115 | 3439876 | 26.33 | | ug/ml |
| Aliphatic C9-C28 | 3.308 | 17.047 | 300894911 | 2010 | 1200 | ug/ml |

# CALIBRATION SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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# Inital Calibration Report for SequenceID : FC061825AL

**AreaCount**

| Parameter Range | FC069221.D | FC069222.D | FC069223.D | FC069224.D | FC069225.D | |
|---|---|---|---|---|---|---|
| Aliphatic C9-C12 | 42176071.000 | 20640977.000 | 8581963.000 | 4632454.000 | 2366353.000 | |
| Aliphatic C12-C16 | 29735945.000 | 14914656.000 | 6266673.000 | 3402693.000 | 1714249.000 | |
| Aliphatic C16-C21 | 42009240.000 | 21363842.000 | 9096606.000 | 5044763.000 | 2549195.000 | |
| Aliphatic C21-C28 | 49153709.000 | 24681333.000 | 10474538.000 | 5764217.000 | 2970075.000 | |
| Aliphatic C28-C40 | 51466619.000 | 25624553.000 | 10688039.000 | 5834277.000 | 3093728.000 | |
| Aliphatic EPH | 214541584.000 | 107225361.000 | 45107819.000 | 24678404.000 | 12693600.000 | |

**AVG Response Factor**

| Parameter Range | AVG RF | % RSD | | | | |
|---|---|---|---|---|---|---|
| Aliphatic C9-C12 | 146679.6266662 | 6.053 | | | | |
| Aliphatic C12-C16 | 159210.532 | 6.932 | | | | |
| Aliphatic C16-C21 | 154434.3226664 | 9.092 | | | | |
| Aliphatic C21-C28 | 133966.3675 | 8.814 | | | | |
| Aliphatic C28-C40 | 92124.4166662 | 8.439 | | | | |
| Aliphatic EPH | 128354.1601108 | 7.942 | | | | |

**Concentration**

| Parameter Range | FC069221.D | FC069222.D | FC069223.D | FC069224.D | FC069225.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 | FC069221.D | FC069222.D | FC069223.D | FC069224.D | FC069225.D | |
|---|---|---|---|---|---|---|
| Aliphatic C9-C12 | 140586.903333 | 137606.513333 | 143032.716666 | 154415.133333 | 157756.866666 | |
| Aliphatic C12-C16 | 148679.725000 | 149146.560000 | 156666.825000 | 170134.650000 | 171424.900000 | |
| Aliphatic C16-C21 | 140030.800000 | 142425.613333 | 151610.100000 | 168158.766666 | 169946.333333 | |

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# Inital Calibration Report for SequenceID : FC061825AL

| | | | | | | |
|---|---|---|---|---|---|---|
| Aliphatic C21-C28 | 122884.272500 | 123406.665000 | 130931.725000 | 144105.425000 | 148503.750000 | |
| Aliphatic C28-C40 | 85777.698333 | 85415.176666 | 89066.991666 | 97237.950000 | 103124.266666 | |
| Aliphatic EPH | 119189.768888 | 119139.290000 | 125299.497222 | 137102.244444 | 141040.000000 | |

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# Continuing Calibration Report for SequenceID : FC062425AL

| Parameter | AreaCount | Conc. | RT_Min | RT_Max | Response Factor | AVGRF | %DEV |
|---|---|---|---|---|---|---|---|
| **File ID :** | **FC069266.D** | | | | | | |
| Aliphatic C9-C12 | 8878943.000 | 60.000 | 3.308 | 6.606 | 147982.383 | 146679.627 | -0.888 |
| Aliphatic C12-C16 | 6370959.000 | 40.000 | 6.607 | 10.010 | 159273.975 | 159210.532 | -0.040 |
| Aliphatic C16-C21 | 8920053.000 | 60.000 | 10.011 | 13.381 | 148667.550 | 154434.323 | 3.734 |
| Aliphatic C21-C28 | 10569984.000 | 80.000 | 13.382 | 17.047 | 132124.800 | 133966.368 | 1.375 |
| Aliphatic C28-C40 | 11710804.000 | 120.000 | 17.048 | 22.029 | 97590.033 | 92124.417 | -5.933 |
| Aliphatic EPH | 46450743.000 | 360.000 | 3.308 | 22.029 | 129029.842 | 128354.160 | -0.526 |

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Fax : 908 789 8922

| | | | |
|---|---|---|---|
| Lab Sample ID: | 20 PPM ALIPHATIC HC S | Acq On: | 24 Jun 2025 13:03 |
| Client Sample ID: | | Operator: | YP/AJ |
| Data file: | FC069266.D | Misc: | |
| Instrument: | FID_C | ALS Vial: | 2 |
| Dilution Factor: | 1 | Sample Multiplier: | 1.00 |

| Compound | R.T. | | Response | Conc | Units |
|---|---|---|---|---|---|
| Aliphatic C9-C12 | 3.308 | 6.606 | 8878943.000 | 60.000 | ug/ml |
| Aliphatic C12-C16 | 6.607 | 10.010 | 6370959.000 | 40.000 | ug/ml |
| Aliphatic C16-C21 | 10.011 | 13.381 | 8920053.000 | 60.000 | ug/ml |
| Aliphatic C21-C28 | 13.382 | 17.047 | 10569984.000 | 80.000 | ug/ml |
| Aliphatic C28-C40 | 17.048 | 22.029 | 11710804.000 | 120.000 | ug/ml |
| Aliphatic EPH | 3.308 | 22.029 | 46450743.000 | 360.000 | ug/ml |

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

# Continuing Calibration Report for SequenceID : FC062425AL

| Parameter | AreaCount | Conc. | RT_Min | RT_Max | Response Factor | AVGRF | %DEV |
|---|---|---|---|---|---|---|---|
| **File ID :** | **FC069274.D** | | | | | | |
| Aliphatic C9-C12 | 8882441.000 | 60.000 | 3.308 | 6.606 | 148040.683 | 146679.627 | -0.928 |
| Aliphatic C12-C16 | 6279167.000 | 40.000 | 6.607 | 10.010 | 156979.175 | 159210.532 | 1.402 |
| Aliphatic C16-C21 | 8783859.000 | 60.000 | 10.011 | 13.381 | 146397.650 | 154434.323 | 5.204 |
| Aliphatic C21-C28 | 10450768.000 | 80.000 | 13.382 | 17.047 | 130634.600 | 133966.368 | 2.487 |
| Aliphatic C28-C40 | 11618177.000 | 120.000 | 17.048 | 22.029 | 96818.142 | 92124.417 | -5.095 |
| Aliphatic EPH | 46014412.000 | 360.000 | 3.308 | 22.029 | 127817.811 | 128354.160 | 0.418 |

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Fax : 908 789 8922

| | | | |
|---|---|---|---|
| Lab Sample ID: | 20 PPM ALIPHATIC HC S | Acq On: | 24 Jun 2025 20:04 |
| Client Sample ID: | | Operator: | YP/AJ |
| Data file: | FC069274.D | Misc: | |
| Instrument: | FID_C | ALS Vial: | 2 |
| Dilution Factor: | 1 | Sample Multiplier: | 1.00 |

| Compound | R.T. | | Response | Conc | Units |
|---|---|---|---|---|---|
| Aliphatic C9-C12 | 3.308 | 6.606 | 8882441.000 | 60.000 | ug/ml |
| Aliphatic C12-C16 | 6.607 | 10.010 | 6279167.000 | 40.000 | ug/ml |
| Aliphatic C16-C21 | 10.011 | 13.381 | 8783859.000 | 60.000 | ug/ml |
| Aliphatic C21-C28 | 13.382 | 17.047 | 10450768.000 | 80.000 | ug/ml |
| Aliphatic C28-C40 | 17.048 | 22.029 | 11618177.000 | 120.000 | ug/ml |
| Aliphatic EPH | 3.308 | 22.029 | 46014412.000 | 360.000 | ug/ml |

# SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062425AL\
Data File : FC069270.D
Signal(s) : FID1A.ch
Acq On : 24 Jun 2025 16:10
Operator : YP/AJ
Sample : Q2363-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
FID_C
**ClientSampleId :**
GCAP1

Integration File: autoint1.e
Quant Time: Jun 25 00:40:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 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) | 11.679 | 4598725 | 26.619 ug/ml |
| Spiked Amount 50.000 | | Recovery = | 53.24% |
| 12) S 1-chlorooctadecane (S... | 13.114 | 3598819 | 27.547 ug/ml |
| Spiked Amount 50.000 | | Recovery = | 55.09% |
| Target Compounds | | | |

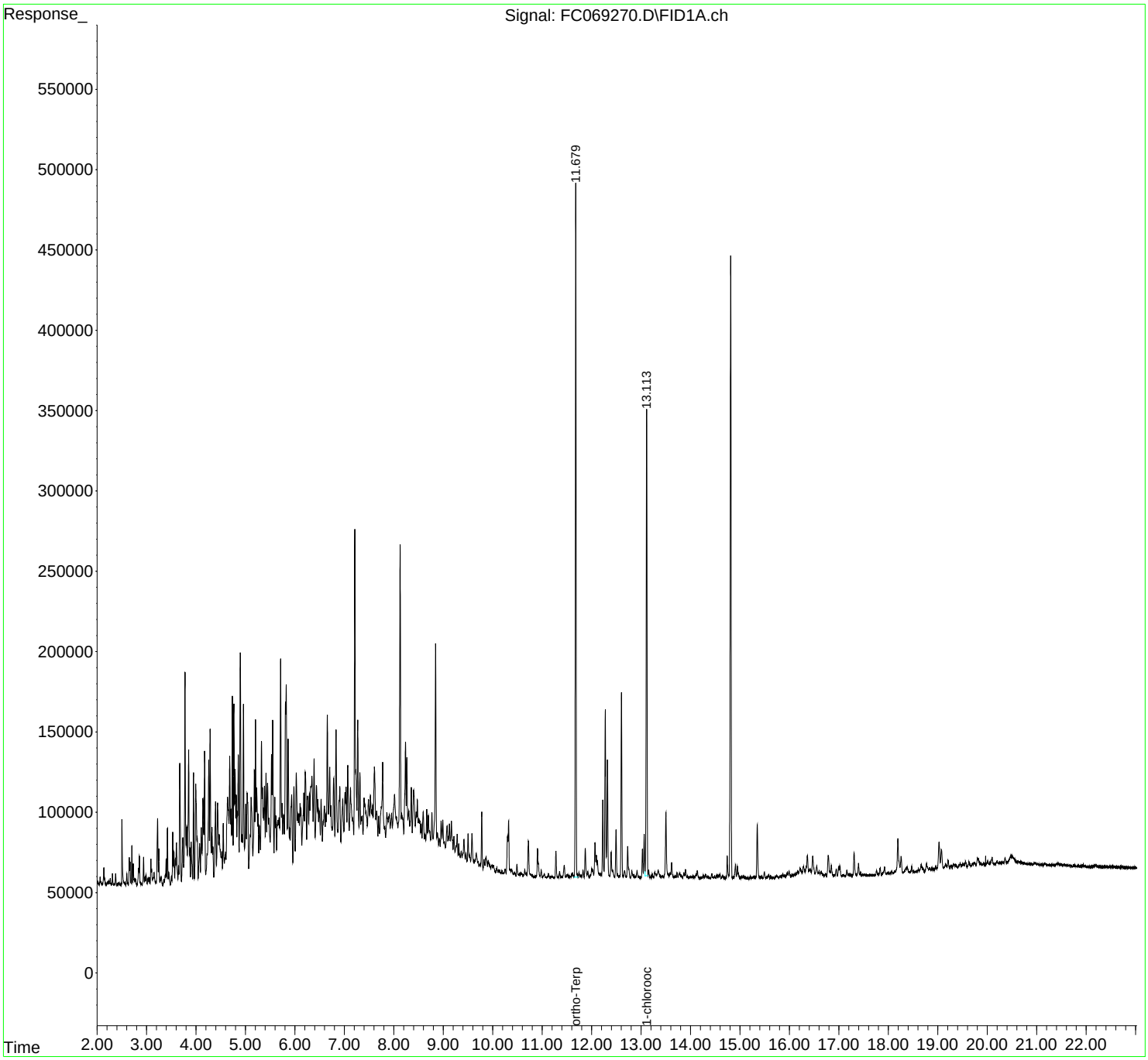
(f)=RT Delta > 1/2 Window (m)=manual int.

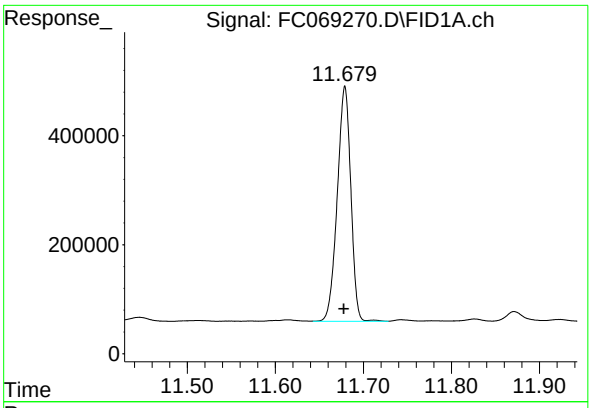
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062425AL\
Data File : FC069270.D
Signal(s) : FID1A.ch
Acq On : 24 Jun 2025 16:10
Operator : YP/AJ
Sample : Q2363-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
FID_C
**ClientSampleId :**
GCAP1

Integration File: autoint1.e
Quant Time: Jun 25 00:40:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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

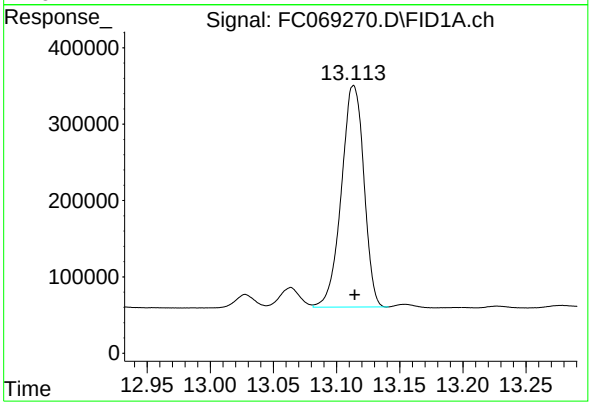





#9 ortho-Terphenyl (SURR)

R.T.: 11.679 min
Delta R.T.: 0.001 min
Response: 4598725
Conc: 26.62 ug/ml

**Instrument :**
FID_C
**ClientSampleId :**
GCAP1




#12 1-chlorooctadecane (SURR)

R.T.: 13.114 min
Delta R.T.: 0.000 min
Response: 3598819
Conc: 27.55 ug/ml

rteres
Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062425AL\
Data File : FC069270.D
Signal(s) : FID1A.ch
Acq On : 24 Jun 2025 16:10
Sample : Q2363-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Title : GC Extractables

Signal : FID1A.ch

| peak # | R.T. min | Start min | End min | PK TY | peak height | peak area | % max. | % of total |
|---|---|---|---|---|---|---|---|---|
| 1 | 3.224 | 3.204 | 3.239 | PV | 35267 | 362968 | 7.41% | 0.184% |
| 2 | 3.249 | 3.239 | 3.269 | PV | 16639 | 119209 | 2.43% | 0.060% |
| 3 | 3.297 | 3.269 | 3.324 | PV | 4382 | 64179 | 1.31% | 0.033% |
| 4 | 3.351 | 3.324 | 3.361 | PV | 3556 | 34001 | 0.69% | 0.017% |
| 5 | 3.397 | 3.361 | 3.408 | VV | 16217 | 203999 | 4.16% | 0.103% |
| 6 | 3.423 | 3.408 | 3.484 | VV | 35289 | 441304 | 9.01% | 0.224% |
| 7 | 3.504 | 3.484 | 3.513 | VV | 5414 | 49164 | 1.00% | 0.025% |
| 8 | 3.531 | 3.513 | 3.544 | VV | 32558 | 329750 | 6.73% | 0.167% |
| 9 | 3.554 | 3.544 | 3.570 | VV | 20460 | 207192 | 4.23% | 0.105% |

rteres

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 10 | 3.605 | 3.570 | 3.635 | VV | 26112 | 528473 | 10.79% | 0.268% |
| 11 | 3.673 | 3.635 | 3.706 | VV | 75478 | 1096498 | 22.39% | 0.556% |
| 12 | 3.735 | 3.706 | 3.751 | VV | 29414 | 440136 | 8.99% | 0.223% |
| 13 | 3.778 | 3.751 | 3.801 | VV | 131774 | 1547437 | 31.59% | 0.785% |
| 14 | 3.812 | 3.801 | 3.824 | VV | 35626 | 400523 | 8.18% | 0.203% |
| 15 | 3.852 | 3.824 | 3.888 | VV | 83730 | 1361844 | 27.80% | 0.691% |
| 16 | 3.903 | 3.888 | 3.934 | VV | 26199 | 379566 | 7.75% | 0.193% |
| 17 | 3.951 | 3.934 | 3.969 | VV | 69623 | 634795 | 12.96% | 0.322% |
| 18 | 3.997 | 3.969 | 4.045 | VV | 60952 | 1372935 | 28.03% | 0.697% |
| 19 | 4.073 | 4.045 | 4.090 | VV | 25654 | 410842 | 8.39% | 0.208% |
| 20 | 4.107 | 4.090 | 4.122 | VV | 35366 | 455811 | 9.31% | 0.231% |
| 21 | 4.141 | 4.122 | 4.158 | VV | 53364 | 768780 | 15.70% | 0.390% |
| 22 | 4.174 | 4.158 | 4.197 | VV | 83318 | 964784 | 19.70% | 0.489% |
| 23 | 4.258 | 4.197 | 4.271 | VV | 77362 | 1288814 | 26.31% | 0.654% |
| 24 | 4.286 | 4.271 | 4.310 | VV | 96293 | 1187414 | 24.24% | 0.602% |
| 25 | 4.323 | 4.310 | 4.362 | VV | 35513 | 639388 | 13.05% | 0.324% |
| 26 | 4.395 | 4.362 | 4.415 | VV | 51186 | 832602 | 17.00% | 0.422% |
| 27 | 4.437 | 4.415 | 4.458 | VV | 50324 | 858972 | 17.54% | 0.436% |
| 28 | 4.469 | 4.458 | 4.511 | VV | 30945 | 732192 | 14.95% | 0.371% |
| 29 | 4.521 | 4.511 | 4.534 | VV | 20253 | 233137 | 4.76% | 0.118% |
| 30 | 4.551 | 4.534 | 4.574 | VV | 37914 | 516754 | 10.55% | 0.262% |
| 31 | 4.597 | 4.574 | 4.607 | VV | 20017 | 342145 | 6.99% | 0.174% |
| 32 | 4.639 | 4.607 | 4.666 | VV | 54353 | 1465901 | 29.93% | 0.744% |
| 33 | 4.682 | 4.666 | 4.698 | VV | 79413 | 1052227 | 21.48% | 0.534% |
| 34 | 4.707 | 4.698 | 4.720 | VV | 46444 | 543151 | 11.09% | 0.276% |
| 35 | 4.736 | 4.720 | 4.751 | VV | 116074 | 1235569 | 25.23% | 0.627% |

rteres

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 36 | 4.766 | 4.751 | 4.779 | VV | 111175 | 1189828 | 24.29% | 0.604% |
| 37 | 4.789 | 4.779 | 4.804 | VV | 71213 | 894307 | 18.26% | 0.454% |
| 38 | 4.813 | 4.804 | 4.826 | VV | 55705 | 574879 | 11.74% | 0.292% |
| 39 | 4.855 | 4.826 | 4.872 | VV | 80544 | 1370084 | 27.97% | 0.695% |
| 40 | 4.896 | 4.872 | 4.922 | VV | 144559 | 2169089 | 44.28% | 1.100% |
| 41 | 4.931 | 4.922 | 4.939 | VV | 30851 | 293767 | 6.00% | 0.149% |
| 42 | 4.959 | 4.939 | 4.982 | VV | 112229 | 1466604 | 29.94% | 0.744% |
| 43 | 5.005 | 4.982 | 5.019 | VV | 49758 | 776846 | 15.86% | 0.394% |
| 44 | 5.035 | 5.019 | 5.066 | VV | 56646 | 1104195 | 22.54% | 0.560% |
| 45 | 5.115 | 5.066 | 5.149 | VV | 53887 | 1593702 | 32.54% | 0.809% |
| 46 | 5.180 | 5.149 | 5.190 | VV | 70945 | 984415 | 20.10% | 0.499% |
| 47 | 5.203 | 5.190 | 5.218 | VV | 101191 | 1156306 | 23.61% | 0.587% |
| 48 | 5.227 | 5.218 | 5.246 | VV | 59349 | 835099 | 17.05% | 0.424% |
| 49 | 5.253 | 5.246 | 5.268 | VV | 43872 | 459272 | 9.38% | 0.233% |
| 50 | 5.282 | 5.268 | 5.304 | VV | 36355 | 618576 | 12.63% | 0.314% |
| 51 | 5.324 | 5.304 | 5.356 | VV | 88939 | 1757534 | 35.88% | 0.892% |
| 52 | 5.385 | 5.356 | 5.400 | VV | 60907 | 1233387 | 25.18% | 0.626% |
| 53 | 5.416 | 5.400 | 5.430 | VV | 68684 | 865297 | 17.67% | 0.439% |
| 54 | 5.447 | 5.430 | 5.499 | VV | 61897 | 1754663 | 35.82% | 0.890% |
| 55 | 5.528 | 5.499 | 5.538 | VV | 79807 | 1183687 | 24.17% | 0.600% |
| 56 | 5.551 | 5.538 | 5.577 | VV | 101929 | 1427962 | 29.15% | 0.724% |
| 57 | 5.594 | 5.577 | 5.631 | VV | 53879 | 1166463 | 23.81% | 0.592% |
| 58 | 5.660 | 5.631 | 5.669 | VV | 39762 | 811793 | 16.57% | 0.412% |
| 59 | 5.680 | 5.669 | 5.690 | VV | 40892 | 474225 | 9.68% | 0.241% |
| 60 | 5.711 | 5.690 | 5.752 | VV | 139810 | 2467071 | 50.37% | 1.252% |

rteres

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 61 | 5.770 | 5.752 | 5.786 | VV | 43048 | 772941 | 15.78% | 0.392% |
| 62 | 5.824 | 5.786 | 5.846 | VV | 124445 | 2825387 | 57.68% | 1.433% |
| 63 | 5.863 | 5.846 | 5.904 | VV | 89404 | 1730386 | 35.33% | 0.878% |
| 64 | 5.934 | 5.904 | 5.959 | VV | 55285 | 1258355 | 25.69% | 0.638% |
| 65 | 5.981 | 5.959 | 6.005 | VV | 60277 | 997649 | 20.37% | 0.506% |
| 66 | 6.029 | 6.005 | 6.052 | VV | 68878 | 1345382 | 27.47% | 0.683% |
| 67 | 6.060 | 6.052 | 6.070 | VV | 43006 | 438961 | 8.96% | 0.223% |
| 68 | 6.080 | 6.070 | 6.091 | VV | 43596 | 494909 | 10.10% | 0.251% |
| 69 | 6.105 | 6.091 | 6.115 | VV | 49760 | 633022 | 12.92% | 0.321% |
| 70 | 6.122 | 6.115 | 6.141 | VV | 46482 | 588967 | 12.02% | 0.299% |
| 71 | 6.180 | 6.141 | 6.193 | VV | 56728 | 1289651 | 26.33% | 0.654% |
| 72 | 6.211 | 6.193 | 6.239 | VV | 69025 | 1434890 | 29.29% | 0.728% |
| 73 | 6.259 | 6.239 | 6.280 | VV | 54045 | 1128749 | 23.04% | 0.573% |
| 74 | 6.295 | 6.280 | 6.306 | VV | 55929 | 755413 | 15.42% | 0.383% |
| 75 | 6.345 | 6.306 | 6.368 | VV | 66719 | 2121855 | 43.32% | 1.076% |
| 76 | 6.388 | 6.368 | 6.410 | VV | 77419 | 1297671 | 26.49% | 0.658% |
| 77 | 6.437 | 6.410 | 6.454 | VV | 60653 | 1236144 | 25.24% | 0.627% |
| 78 | 6.464 | 6.454 | 6.479 | VV | 52138 | 718110 | 14.66% | 0.364% |
| 79 | 6.491 | 6.479 | 6.515 | VV | 45010 | 843602 | 17.22% | 0.428% |
| 80 | 6.530 | 6.515 | 6.556 | VV | 52163 | 981284 | 20.03% | 0.498% |
| 81 | 6.597 | 6.556 | 6.614 | VV | 48233 | 1370469 | 27.98% | 0.695% |
| 82 | 6.626 | 6.614 | 6.635 | VV | 43152 | 518150 | 10.58% | 0.263% |
| 83 | 6.656 | 6.635 | 6.679 | VV | 103944 | 1725094 | 35.22% | 0.875% |
| 84 | 6.704 | 6.679 | 6.751 | VV | 72142 | 2102739 | 42.93% | 1.067% |
| 85 | 6.785 | 6.751 | 6.808 | VV | 65170 | 1541484 | 31.47% | 0.782% |
| 86 | 6.833 | 6.808 | 6.871 | VV | 95611 | 2040337 | 41.66% | 1.035% |

rteres

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 87 | 6.908 | 6.871 | 6.930 | VV | 60131 | 1564294 | 31.94% | 0.794% |
| 88 | 6.967 | 6.930 | 6.992 | VV | 52189 | 1471921 | 30.05% | 0.747% |
| 89 | 7.014 | 6.992 | 7.024 | VV | 56074 | 863045 | 17.62% | 0.438% |
| 90 | 7.036 | 7.024 | 7.051 | VV | 59365 | 856716 | 17.49% | 0.435% |
| 91 | 7.070 | 7.051 | 7.099 | VV | 72920 | 1474238 | 30.10% | 0.748% |
| 92 | 7.124 | 7.099 | 7.190 | VV | 58927 | 2355112 | 48.08% | 1.195% |
| 93 | 7.212 | 7.190 | 7.254 | VV | 218759 | 3606541 | 73.63% | 1.830% |
| 94 | 7.271 | 7.254 | 7.295 | VV | 100974 | 1605043 | 32.77% | 0.814% |
| 95 | 7.315 | 7.295 | 7.333 | VV | 68569 | 1119888 | 22.86% | 0.568% |
| 96 | 7.343 | 7.333 | 7.352 | VV | 41170 | 456558 | 9.32% | 0.232% |
| 97 | 7.360 | 7.352 | 7.378 | VV | 41500 | 582219 | 11.89% | 0.295% |
| 98 | 7.400 | 7.378 | 7.412 | VV | 52501 | 915273 | 18.69% | 0.464% |
| 99 | 7.418 | 7.412 | 7.466 | VV | 48556 | 1381016 | 28.19% | 0.701% |
| 100 | 7.488 | 7.466 | 7.511 | VV | 51798 | 1212871 | 24.76% | 0.615% |
| 101 | 7.527 | 7.511 | 7.561 | VV | 54588 | 1406151 | 28.71% | 0.713% |
| 102 | 7.572 | 7.561 | 7.583 | VV | 48124 | 603096 | 12.31% | 0.306% |
| 103 | 7.608 | 7.583 | 7.636 | VV | 71819 | 1767888 | 36.09% | 0.897% |
| 104 | 7.653 | 7.636 | 7.678 | VV | 44425 | 1007430 | 20.57% | 0.511% |
| 105 | 7.693 | 7.678 | 7.712 | VV | 41120 | 716291 | 14.62% | 0.363% |
| 106 | 7.775 | 7.712 | 7.834 | VV | 74428 | 3153521 | 64.38% | 1.600% |
| 107 | 7.860 | 7.834 | 7.883 | VV | 43277 | 1099791 | 22.45% | 0.558% |
| 108 | 7.910 | 7.883 | 7.928 | VV | 42275 | 1069290 | 21.83% | 0.542% |
| 109 | 7.955 | 7.928 | 7.972 | VV | 42927 | 995575 | 20.33% | 0.505% |
| 110 | 8.015 | 7.972 | 8.082 | VV | 54881 | 2830952 | 57.80% | 1.436% |
| 111 | 8.128 | 8.082 | 8.151 | VV | 210418 | 3510052 | 71.66% | 1.781% |
| 112 | 8.160 | 8.151 | 8.201 | VV | 42349 | 1168225 | 23.85% | 0.593% |

rteres

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 113 | 8.236 | 8.201 | 8.251 | VV | 87566 | 1725730 | 35.23% | 0.875% |
| 114 | 8.264 | 8.251 | 8.284 | VV | 77658 | 1126083 | 22.99% | 0.571% |
| 115 | 8.303 | 8.284 | 8.321 | VV | 44014 | 904199 | 18.46% | 0.459% |
| 116 | 8.353 | 8.321 | 8.373 | VV | 59088 | 1332380 | 27.20% | 0.676% |
| 117 | 8.400 | 8.373 | 8.434 | VV | 57178 | 1696254 | 34.63% | 0.861% |
| 118 | 8.452 | 8.434 | 8.462 | VV | 43540 | 655980 | 13.39% | 0.333% |
| 119 | 8.476 | 8.462 | 8.492 | VV | 51258 | 810884 | 16.55% | 0.411% |
| 120 | 8.501 | 8.492 | 8.543 | VV | 39106 | 1120263 | 22.87% | 0.568% |
| 121 | 8.555 | 8.543 | 8.570 | VV | 36010 | 542818 | 11.08% | 0.275% |
| 122 | 8.594 | 8.570 | 8.621 | VV | 43696 | 1067250 | 21.79% | 0.541% |
| 123 | 8.633 | 8.621 | 8.646 | VV | 29603 | 423470 | 8.65% | 0.215% |
| 124 | 8.666 | 8.646 | 8.682 | VV | 45215 | 763028 | 15.58% | 0.387% |
| 125 | 8.698 | 8.682 | 8.745 | VV | 41574 | 1245620 | 25.43% | 0.632% |
| 126 | 8.771 | 8.745 | 8.791 | VV | 43449 | 911439 | 18.61% | 0.462% |
| 127 | 8.845 | 8.791 | 8.870 | VV | 147286 | 2709164 | 55.31% | 1.374% |
| 128 | 8.883 | 8.870 | 8.906 | VV | 30568 | 605286 | 12.36% | 0.307% |
| 129 | 8.922 | 8.906 | 8.938 | VV | 26946 | 480068 | 9.80% | 0.244% |
| 130 | 8.957 | 8.938 | 8.975 | VV | 37418 | 678175 | 13.85% | 0.344% |
| 131 | 8.991 | 8.975 | 9.014 | VV | 38641 | 736803 | 15.04% | 0.374% |
| 132 | 9.024 | 9.014 | 9.045 | VV | 25183 | 429749 | 8.77% | 0.218% |
| 133 | 9.077 | 9.045 | 9.094 | VV | 34914 | 847893 | 17.31% | 0.430% |
| 134 | 9.124 | 9.094 | 9.143 | VV | 36112 | 855681 | 17.47% | 0.434% |
| 135 | 9.165 | 9.143 | 9.198 | VV | 37848 | 950223 | 19.40% | 0.482% |
| 136 | 9.215 | 9.198 | 9.238 | VV | 28240 | 568357 | 11.60% | 0.288% |
| 137 | 9.282 | 9.238 | 9.300 | VV | 29714 | 834494 | 17.04% | 0.423% |
| 138 | 9.314 | 9.300 | 9.344 | VV | 23746 | 492520 | 10.06% | 0.250% |

rteres

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 139 | 9.363 | 9.344 | 9.380 | VV | 19041 | 373700 | 7.63% | 0.190% |
| 140 | 9.418 | 9.380 | 9.444 | VV | 26479 | 743421 | 15.18% | 0.377% |
| 141 | 9.459 | 9.444 | 9.481 | VV | 17676 | 334685 | 6.83% | 0.170% |
| 142 | 9.502 | 9.481 | 9.554 | VV | 29953 | 797514 | 16.28% | 0.405% |
| 143 | 9.581 | 9.554 | 9.614 | VV | 29955 | 676756 | 13.82% | 0.343% |
| 144 | 9.624 | 9.614 | 9.635 | VV | 13094 | 164727 | 3.36% | 0.084% |
| 145 | 9.667 | 9.635 | 9.722 | VV | 17663 | 709561 | 14.49% | 0.360% |
| 146 | 9.779 | 9.722 | 9.804 | VV | 43344 | 826419 | 16.87% | 0.419% |
| 147 | 9.825 | 9.804 | 9.843 | VV | 13768 | 257857 | 5.26% | 0.131% |
| 148 | 9.866 | 9.843 | 9.895 | VV | 15313 | 392699 | 8.02% | 0.199% |
| 149 | 9.911 | 9.895 | 9.960 | VV | 13112 | 409884 | 8.37% | 0.208% |
| 150 | 9.980 | 9.960 | 10.002 | VV | 10138 | 241321 | 4.93% | 0.122% |
| 151 | 10.015 | 10.002 | 10.057 | VV | 10065 | 267889 | 5.47% | 0.136% |
| 152 | 10.084 | 10.057 | 10.106 | VV | 8311 | 201893 | 4.12% | 0.102% |
| 153 | 10.122 | 10.106 | 10.167 | VV | 6690 | 220811 | 4.51% | 0.112% |
| 154 | 10.187 | 10.167 | 10.217 | VV | 6510 | 163736 | 3.34% | 0.083% |
| 155 | 10.250 | 10.217 | 10.271 | VV | 7641 | 196235 | 4.01% | 0.100% |
| 156 | 10.322 | 10.271 | 10.346 | VV | 37477 | 896336 | 18.30% | 0.455% |
| 157 | 10.354 | 10.346 | 10.370 | VV | 7278 | 98635 | 2.01% | 0.050% |
| 158 | 10.384 | 10.370 | 10.415 | VV | 7531 | 163394 | 3.34% | 0.083% |
| 159 | 10.445 | 10.415 | 10.470 | VV | 5139 | 150009 | 3.06% | 0.076% |
| 160 | 10.490 | 10.470 | 10.524 | VV | 10491 | 197899 | 4.04% | 0.100% |
| 161 | 10.533 | 10.524 | 10.543 | VV | 4299 | 46447 | 0.95% | 0.024% |
| 162 | 10.554 | 10.543 | 10.562 | VV | 4298 | 47879 | 0.98% | 0.024% |
| 163 | 10.579 | 10.562 | 10.614 | VV | 4773 | 133619 | 2.73% | 0.068% |
| 164 | 10.649 | 10.614 | 10.664 | VV | 6670 | 143613 | 2.93% | 0.073% |

rteres

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|---|---|---|---|---|---|---|---|---|
| 165 | 10.675 | 10.664 | 10.689 | VV | 4956 | 65182 | 1.33% | 0.033% |
| 166 | 10.722 | 10.689 | 10.819 | VV | 25152 | 597156 | 12.19% | 0.303% |
| 167 | 10.826 | 10.819 | 10.844 | VV | 2756 | 39041 | 0.80% | 0.020% |
| 168 | 10.874 | 10.844 | 10.883 | VV | 3195 | 63624 | 1.30% | 0.032% |
| 169 | 10.907 | 10.883 | 10.954 | VV | 20127 | 376560 | 7.69% | 0.191% |
| 170 | 10.981 | 10.954 | 11.010 | VV | 6801 | 135468 | 2.77% | 0.069% |
| 171 | 11.044 | 11.010 | 11.086 | VV | 4119 | 134762 | 2.75% | 0.068% |
| 172 | 11.127 | 11.086 | 11.174 | VV | 4269 | 146134 | 2.98% | 0.074% |
| 173 | 11.194 | 11.174 | 11.236 | VV | 2765 | 85307 | 1.74% | 0.043% |
| 174 | 11.278 | 11.236 | 11.311 | VV | 18387 | 279464 | 5.71% | 0.142% |
| 175 | 11.322 | 11.311 | 11.330 | VV | 2374 | 26248 | 0.54% | 0.013% |
| 176 | 11.353 | 11.330 | 11.389 | VV | 5759 | 115931 | 2.37% | 0.059% |
| 177 | 11.399 | 11.389 | 11.410 | VV | 2525 | 31228 | 0.64% | 0.016% |
| 178 | 11.445 | 11.410 | 11.482 | VV | 9465 | 210443 | 4.30% | 0.107% |
| 179 | 11.513 | 11.482 | 11.535 | VV | 3545 | 92995 | 1.90% | 0.047% |
| 180 | 11.547 | 11.535 | 11.559 | VV | 2551 | 35819 | 0.73% | 0.018% |
| 181 | 11.572 | 11.559 | 11.583 | VV | 2616 | 34572 | 0.71% | 0.018% |
| 182 | 11.614 | 11.583 | 11.643 | VV | 4718 | 121749 | 2.49% | 0.062% |
| 183 | 11.679 | 11.643 | 11.727 | VV | 429268 | 4707182 | 96.10% | 2.388% |
| 184 | 11.744 | 11.727 | 11.766 | VV | 4963 | 83399 | 1.70% | 0.042% |
| 185 | 11.779 | 11.766 | 11.797 | VV | 3051 | 52619 | 1.07% | 0.027% |
| 186 | 11.826 | 11.797 | 11.848 | VV | 6288 | 119571 | 2.44% | 0.061% |
| 187 | 11.872 | 11.848 | 11.905 | VV | 19894 | 313501 | 6.40% | 0.159% |
| 188 | 11.922 | 11.905 | 11.950 | VV | 5412 | 102739 | 2.10% | 0.052% |
| 189 | 12.003 | 11.950 | 12.015 | VV | 7499 | 160557 | 3.28% | 0.081% |
| 190 | 12.024 | 12.015 | 12.042 | VV | 6810 | 89540 | 1.83% | 0.045% |

rteres

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|---|---|---|---|---|---|---|---|---|
| 191 | 12.069 | 12.042 | 12.085 | VV | 23544 | 352550 | 7.20% | 0.179% |
| 192 | 12.096 | 12.085 | 12.109 | VV | 15652 | 189931 | 3.88% | 0.096% |
| 193 | 12.116 | 12.109 | 12.177 | VV | 12343 | 245549 | 5.01% | 0.125% |
| 194 | 12.190 | 12.177 | 12.200 | VV | 3888 | 49380 | 1.01% | 0.025% |
| 195 | 12.226 | 12.200 | 12.250 | VV | 50184 | 596795 | 12.18% | 0.303% |
| 196 | 12.276 | 12.250 | 12.298 | VV | 107115 | 1291683 | 26.37% | 0.655% |
| 197 | 12.320 | 12.298 | 12.367 | VV | 75060 | 1005385 | 20.53% | 0.510% |
| 198 | 12.394 | 12.367 | 12.467 | VV | 17429 | 381440 | 7.79% | 0.194% |
| 199 | 12.494 | 12.467 | 12.546 | VV | 31337 | 451547 | 9.22% | 0.229% |
| 200 | 12.604 | 12.546 | 12.638 | VV | 117166 | 1435292 | 29.30% | 0.728% |
| 201 | 12.666 | 12.638 | 12.704 | VV | 5924 | 138469 | 2.83% | 0.070% |
| 202 | 12.730 | 12.704 | 12.780 | VV | 20834 | 348994 | 7.13% | 0.177% |
| 203 | 12.814 | 12.780 | 12.878 | VV | 5410 | 168353 | 3.44% | 0.085% |
| 204 | 12.919 | 12.878 | 12.977 | VV | 5697 | 154082 | 3.15% | 0.078% |
| 205 | 13.028 | 12.977 | 13.044 | VV | 19155 | 247512 | 5.05% | 0.126% |
| 206 | 13.063 | 13.044 | 13.081 | VV | 28394 | 334380 | 6.83% | 0.170% |
| 207 | 13.114 | 13.081 | 13.141 | VV | 292125 | 3690530 | 75.35% | 1.872% |
| 208 | 13.154 | 13.141 | 13.179 | VV | 6079 | 85341 | 1.74% | 0.043% |
| 209 | 13.198 | 13.179 | 13.210 | VV | 1929 | 32034 | 0.65% | 0.016% |
| 210 | 13.227 | 13.210 | 13.251 | VV | 3744 | 59012 | 1.20% | 0.030% |
| 211 | 13.278 | 13.251 | 13.309 | VV | 4667 | 110291 | 2.25% | 0.056% |
| 212 | 13.346 | 13.309 | 13.401 | VV | 6044 | 193181 | 3.94% | 0.098% |
| 213 | 13.428 | 13.401 | 13.451 | VV | 2067 | 54806 | 1.12% | 0.028% |
| 214 | 13.503 | 13.451 | 13.567 | VV | 41628 | 702486 | 14.34% | 0.356% |
| 215 | 13.586 | 13.567 | 13.596 | VV | 3594 | 55272 | 1.13% | 0.028% |

rteres

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|---|---|---|---|---|---|---|---|---|
| 216 | 13.618 | 13.596 | 13.658 | VV | 10542 | 177523 | 3.62% | 0.090% |
| 217 | 13.728 | 13.658 | 13.748 | VV | 4050 | 116231 | 2.37% | 0.059% |
| 218 | 13.780 | 13.748 | 13.834 | VV | 3960 | 129545 | 2.64% | 0.066% |
| 219 | 13.865 | 13.834 | 13.880 | VV | 3585 | 64235 | 1.31% | 0.033% |
| 220 | 13.899 | 13.880 | 13.925 | VV | 6105 | 97729 | 2.00% | 0.050% |
| 221 | 13.936 | 13.925 | 13.955 | VV | 1834 | 25859 | 0.53% | 0.013% |
| 222 | 13.966 | 13.955 | 13.973 | VV | 1181 | 12603 | 0.26% | 0.006% |
| 223 | 13.989 | 13.973 | 14.011 | VV | 1586 | 30547 | 0.62% | 0.015% |
| 224 | 14.040 | 14.011 | 14.061 | VV | 1856 | 43821 | 0.89% | 0.022% |
| 225 | 14.075 | 14.061 | 14.087 | VV | 1640 | 22797 | 0.47% | 0.012% |
| 226 | 14.110 | 14.087 | 14.120 | VV | 2951 | 43891 | 0.90% | 0.022% |
| 227 | 14.137 | 14.120 | 14.191 | VV | 5199 | 94029 | 1.92% | 0.048% |
| 228 | 14.257 | 14.191 | 14.279 | VV | 2624 | 65260 | 1.33% | 0.033% |
| 229 | 14.304 | 14.279 | 14.337 | VV | 2734 | 61101 | 1.25% | 0.031% |
| 230 | 14.354 | 14.337 | 14.403 | VV | 1674 | 39082 | 0.80% | 0.020% |
| 231 | 14.430 | 14.403 | 14.454 | VV | 3499 | 54024 | 1.10% | 0.027% |
| 232 | 14.488 | 14.454 | 14.507 | VV | 1605 | 37757 | 0.77% | 0.019% |
| 233 | 14.530 | 14.507 | 14.548 | VV | 2233 | 41492 | 0.85% | 0.021% |
| 234 | 14.572 | 14.548 | 14.580 | VV | 2103 | 34877 | 0.71% | 0.018% |
| 235 | 14.596 | 14.580 | 14.618 | VV | 2968 | 43860 | 0.90% | 0.022% |
| 236 | 14.654 | 14.618 | 14.711 | VV | 1965 | 56381 | 1.15% | 0.029% |
| 237 | 14.742 | 14.711 | 14.773 | VV | 14372 | 183940 | 3.76% | 0.093% |
| 238 | 14.812 | 14.773 | 14.846 | VV | 384744 | 4898151 | 100.00% | 2.485% |
| 239 | 14.862 | 14.846 | 14.875 | VV | 1115 | 15161 | 0.31% | 0.008% |
| 240 | 14.908 | 14.875 | 14.929 | VV | 8733 | 131315 | 2.68% | 0.067% |
| 241 | 14.949 | 14.929 | 14.994 | VV | 7827 | 134150 | 2.74% | 0.068% |

rteres

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 242 | 15.013 | 14.994 | 15.024 | VV | 800 | 11170 | 0.23% | 0.006% |
| 243 | 15.041 | 15.024 | 15.054 | VV | 1403 | 18705 | 0.38% | 0.009% |
| 244 | 15.069 | 15.054 | 15.089 | VV | 1547 | 21976 | 0.45% | 0.011% |
| 245 | 15.111 | 15.089 | 15.131 | VV | 878 | 14829 | 0.30% | 0.008% |
| 246 | 15.148 | 15.131 | 15.181 | VV | 652 | 10879 | 0.22% | 0.006% |
| 247 | 15.206 | 15.181 | 15.241 | PV | 930 | 19512 | 0.40% | 0.010% |
| 248 | 15.295 | 15.241 | 15.317 | VV | 1218 | 35975 | 0.73% | 0.018% |
| 249 | 15.349 | 15.317 | 15.419 | VV | 33401 | 479070 | 9.78% | 0.243% |
| 250 | 15.434 | 15.419 | 15.466 | VV | 1067 | 17719 | 0.36% | 0.009% |
| 251 | 15.493 | 15.466 | 15.525 | VV | 4016 | 57923 | 1.18% | 0.029% |
| 252 | 15.545 | 15.525 | 15.558 | VV | 1024 | 13002 | 0.27% | 0.007% |
| 253 | 15.581 | 15.558 | 15.604 | VV | 1950 | 32641 | 0.67% | 0.017% |
| 254 | 15.622 | 15.604 | 15.654 | VV | 1062 | 14874 | 0.30% | 0.008% |
| 255 | 15.669 | 15.654 | 15.688 | VV | 391 | 5226 | 0.11% | 0.003% |
| 256 | 15.746 | 15.688 | 15.781 | VV | 1364 | 39061 | 0.80% | 0.020% |
| 257 | 15.819 | 15.781 | 15.845 | VV | 1105 | 30936 | 0.63% | 0.016% |
| 258 | 15.867 | 15.845 | 15.898 | VV | 2087 | 44526 | 0.91% | 0.023% |
| 259 | 15.957 | 15.898 | 15.974 | VV | 3553 | 82220 | 1.68% | 0.042% |
| 260 | 15.993 | 15.974 | 16.034 | VV | 4166 | 79570 | 1.62% | 0.040% |
| 261 | 16.057 | 16.034 | 16.086 | VV | 1691 | 45115 | 0.92% | 0.023% |
| 262 | 16.122 | 16.086 | 16.134 | VV | 2298 | 53706 | 1.10% | 0.027% |
| 263 | 16.170 | 16.134 | 16.188 | VV | 3523 | 93859 | 1.92% | 0.048% |
| 264 | 16.214 | 16.188 | 16.256 | VV | 5135 | 170706 | 3.49% | 0.087% |
| 265 | 16.285 | 16.256 | 16.315 | VV | 6724 | 173675 | 3.55% | 0.088% |
| 266 | 16.363 | 16.315 | 16.390 | VV | 13564 | 332700 | 6.79% | 0.169% |
| 267 | 16.415 | 16.390 | 16.442 | VV | 4545 | 130740 | 2.67% | 0.066% |

rteres

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|---|---|---|---|---|---|---|---|---|
| 268 | 16.471 | 16.442 | 16.517 | VV | 13160 | 295619 | 6.04% | 0.150% |
| 269 | 16.553 | 16.517 | 16.581 | VV | 6555 | 154741 | 3.16% | 0.079% |
| 270 | 16.599 | 16.581 | 16.619 | VV | 3190 | 61004 | 1.25% | 0.031% |
| 271 | 16.640 | 16.619 | 16.704 | VV | 3146 | 91707 | 1.87% | 0.047% |
| 272 | 16.726 | 16.704 | 16.751 | VV | 1672 | 32160 | 0.66% | 0.016% |
| 273 | 16.787 | 16.751 | 16.828 | VV | 13361 | 277153 | 5.66% | 0.141% |
| 274 | 16.847 | 16.828 | 16.891 | VV | 7145 | 122167 | 2.49% | 0.062% |
| 275 | 16.947 | 16.891 | 16.970 | VV | 4712 | 89042 | 1.82% | 0.045% |
| 276 | 16.997 | 16.970 | 17.008 | VV | 6269 | 84391 | 1.72% | 0.043% |
| 277 | 17.021 | 17.008 | 17.053 | VV | 6680 | 93247 | 1.90% | 0.047% |
| 278 | 17.096 | 17.053 | 17.124 | VV | 792 | 20473 | 0.42% | 0.010% |
| 279 | 17.162 | 17.124 | 17.264 | VV | 3908 | 95081 | 1.94% | 0.048% |
| 280 | 17.308 | 17.264 | 17.363 | VV | 14541 | 237510 | 4.85% | 0.120% |
| 281 | 17.397 | 17.363 | 17.421 | VV | 7913 | 116657 | 2.38% | 0.059% |
| 282 | 17.438 | 17.421 | 17.461 | VV | 2021 | 29456 | 0.60% | 0.015% |
| 283 | 17.479 | 17.461 | 17.544 | VV | 805 | 31428 | 0.64% | 0.016% |
| 284 | 17.554 | 17.544 | 17.588 | VV | 665 | 7472 | 0.15% | 0.004% |
| 285 | 17.621 | 17.588 | 17.631 | PV | 548 | 8002 | 0.16% | 0.004% |
| 286 | 17.637 | 17.631 | 17.655 | VV | 401 | 4640 | 0.09% | 0.002% |
| 287 | 17.675 | 17.655 | 17.698 | VV | 562 | 8606 | 0.18% | 0.004% |
| 288 | 17.763 | 17.698 | 17.789 | VV | 3153 | 58843 | 1.20% | 0.030% |
| 289 | 17.834 | 17.789 | 17.864 | VV | 4380 | 79550 | 1.62% | 0.040% |
| 290 | 17.924 | 17.864 | 17.964 | VV | 5312 | 119697 | 2.44% | 0.061% |
| 291 | 18.015 | 17.964 | 18.030 | VV | 1250 | 42564 | 0.87% | 0.022% |
| 292 | 18.070 | 18.030 | 18.098 | VV | 2345 | 57397 | 1.17% | 0.029% |
| 293 | 18.193 | 18.098 | 18.234 | VV | 22520 | 523143 | 10.68% | 0.265% |

rteres

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|---|---|---|---|---|---|---|---|---|
| 294 | 18.259 | 18.234 | 18.294 | VV | 11190 | 207974 | 4.25% | 0.106% |
| 295 | 18.383 | 18.294 | 18.444 | VV | 4577 | 219891 | 4.49% | 0.112% |
| 296 | 18.472 | 18.444 | 18.501 | VV | 4992 | 89645 | 1.83% | 0.045% |
| 297 | 18.521 | 18.501 | 18.535 | VV | 1670 | 31010 | 0.63% | 0.016% |
| 298 | 18.552 | 18.535 | 18.570 | VV | 1794 | 33937 | 0.69% | 0.017% |
| 299 | 18.608 | 18.570 | 18.628 | VV | 2966 | 71028 | 1.45% | 0.036% |
| 300 | 18.664 | 18.628 | 18.688 | VV | 5956 | 140034 | 2.86% | 0.071% |
| 301 | 18.699 | 18.688 | 18.733 | VV | 3482 | 67377 | 1.38% | 0.034% |
| 302 | 18.771 | 18.733 | 18.814 | VV | 5919 | 172464 | 3.52% | 0.087% |
| 303 | 18.839 | 18.814 | 18.858 | VV | 3455 | 76578 | 1.56% | 0.039% |
| 304 | 18.882 | 18.858 | 18.924 | VV | 3261 | 101952 | 2.08% | 0.052% |
| 305 | 18.959 | 18.924 | 18.984 | VV | 4023 | 114937 | 2.35% | 0.058% |
| 306 | 19.025 | 18.984 | 19.052 | VV | 19338 | 417530 | 8.52% | 0.212% |
| 307 | 19.075 | 19.052 | 19.114 | VV | 14607 | 325801 | 6.65% | 0.165% |
| 308 | 19.156 | 19.114 | 19.188 | VV | 5237 | 184328 | 3.76% | 0.094% |
| 309 | 19.210 | 19.188 | 19.238 | VV | 7571 | 155820 | 3.18% | 0.079% |
| 310 | 19.267 | 19.238 | 19.290 | VV | 4412 | 118006 | 2.41% | 0.060% |
| 311 | 19.325 | 19.290 | 19.344 | VV | 5262 | 145153 | 2.96% | 0.074% |
| 312 | 19.364 | 19.344 | 19.404 | VV | 4816 | 142937 | 2.92% | 0.073% |
| 313 | 19.453 | 19.404 | 19.477 | VV | 5894 | 190449 | 3.89% | 0.097% |
| 314 | 19.493 | 19.477 | 19.508 | VV | 4800 | 81668 | 1.67% | 0.041% |
| 315 | 19.525 | 19.508 | 19.541 | VV | 5140 | 94969 | 1.94% | 0.048% |
| 316 | 19.561 | 19.541 | 19.595 | VV | 6269 | 160495 | 3.28% | 0.081% |
| 317 | 19.631 | 19.595 | 19.672 | VV | 6554 | 216136 | 4.41% | 0.110% |
| 318 | 19.701 | 19.672 | 19.714 | VV | 5241 | 117630 | 2.40% | 0.060% |
| 319 | 19.743 | 19.714 | 19.771 | VV | 5886 | 175455 | 3.58% | 0.089% |

rteres

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|---|---|---|---|---|---|---|---|---|
| 320 | 19.804 | 19.771 | 19.851 | VV | 8254 | 305500 | 6.24% | 0.155% |
| 321 | 19.866 | 19.851 | 19.896 | VV | 5063 | 127421 | 2.60% | 0.065% |
| 322 | 19.923 | 19.896 | 19.950 | VV | 4906 | 144614 | 2.95% | 0.073% |
| 323 | 20.010 | 19.950 | 20.034 | VV | 6208 | 251418 | 5.13% | 0.128% |
| 324 | 20.054 | 20.034 | 20.064 | VV | 5347 | 87840 | 1.79% | 0.045% |
| 325 | 20.099 | 20.064 | 20.138 | VV | 8691 | 271164 | 5.54% | 0.138% |
| 326 | 20.154 | 20.138 | 20.165 | VV | 4700 | 73407 | 1.50% | 0.037% |
| 327 | 20.198 | 20.165 | 20.224 | VV | 5794 | 184202 | 3.76% | 0.093% |
| 328 | 20.245 | 20.224 | 20.271 | VV | 4936 | 133097 | 2.72% | 0.068% |
| 329 | 20.309 | 20.271 | 20.333 | VV | 5332 | 186362 | 3.80% | 0.095% |
| 330 | 20.361 | 20.333 | 20.397 | VV | 7899 | 227550 | 4.65% | 0.115% |
| 331 | 20.484 | 20.397 | 20.598 | VV | 8920 | 845329 | 17.26% | 0.429% |
| 332 | 20.605 | 20.598 | 20.613 | VV | 5241 | 46592 | 0.95% | 0.024% |
| 333 | 20.626 | 20.613 | 20.648 | VV | 5249 | 106324 | 2.17% | 0.054% |
| 334 | 20.672 | 20.648 | 20.724 | VV | 5033 | 207438 | 4.24% | 0.105% |
| 335 | 20.749 | 20.724 | 20.850 | VV | 4233 | 288653 | 5.89% | 0.146% |
| 336 | 20.869 | 20.850 | 20.920 | VV | 3814 | 147153 | 3.00% | 0.075% |
| 337 | 20.961 | 20.920 | 21.004 | VV | 3894 | 179223 | 3.66% | 0.091% |
| 338 | 21.023 | 21.004 | 21.122 | VV | 3324 | 209228 | 4.27% | 0.106% |
| 339 | 21.168 | 21.122 | 21.213 | VV | 3315 | 155677 | 3.18% | 0.079% |
| 340 | 21.226 | 21.213 | 21.243 | VV | 2598 | 46141 | 0.94% | 0.023% |
| 341 | 21.269 | 21.243 | 21.334 | VV | 2609 | 132334 | 2.70% | 0.067% |
| 342 | 21.351 | 21.334 | 21.378 | VV | 2348 | 61343 | 1.25% | 0.031% |
| 343 | 21.424 | 21.378 | 21.538 | VV | 3173 | 250275 | 5.11% | 0.127% |
| 344 | 21.555 | 21.538 | 21.581 | VV | 2048 | 50026 | 1.02% | 0.025% |
| 345 | 21.616 | 21.581 | 21.648 | VV | 1862 | 72098 | 1.47% | 0.037% |

rteres

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|---|---|---|---|---|---|---|---|---|
| 346 | 21.659 | 21.648 | 21.728 | VV | 1826 | 69479 | 1.42% | 0.035% |
| 347 | 21.758 | 21.728 | 21.805 | VV | 1686 | 63270 | 1.29% | 0.032% |
| 348 | 21.838 | 21.805 | 21.870 | VV | 1437 | 47989 | 0.98% | 0.024% |
| 349 | 21.939 | 21.870 | 21.978 | VV | 1477 | 74981 | 1.53% | 0.038% |
| 350 | 21.988 | 21.978 | 22.067 | VV | 866 | 30872 | 0.63% | 0.016% |
| 351 | 22.104 | 22.067 | 22.124 | VV | 464 | 13464 | 0.27% | 0.007% |
| 352 | 22.197 | 22.124 | 22.246 | VV | 1200 | 52036 | 1.06% | 0.026% |
| 353 | 22.253 | 22.246 | 22.266 | VV | 268 | 2709 | 0.06% | 0.001% |
| 354 | 22.285 | 22.266 | 22.292 | VV | 229 | 3246 | 0.07% | 0.002% |
| 355 | 22.299 | 22.292 | 22.332 | VV | 220 | 3360 | 0.07% | 0.002% |
| 356 | 22.369 | 22.332 | 22.398 | VV | 167 | 3866 | 0.08% | 0.002% |

Sum of corrected areas: 197118249

Aliphatic EPH 061825.M Wed Jun 25 01:23:09 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062425AL\
Data File : FC069267.D
Signal(s) : FID1A.ch
Acq On : 24 Jun 2025 13:48
Operator : YP/AJ
Sample : PB168596BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
FID_C
**ClientSampleId :**
PB168596BL

Integration File: autoint1.e
Quant Time: Jun 25 00:39:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 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) | 11.679 | 5889732 | 34.092 ug/ml |
| Spiked Amount 50.000 | | Recovery = 68.18% | |
| 12) S 1-chlorooctadecane (S... | 13.114 | 4586388 | 35.107 ug/ml |
| Spiked Amount 50.000 | | Recovery = 70.21% | |
| Target Compounds | | | |

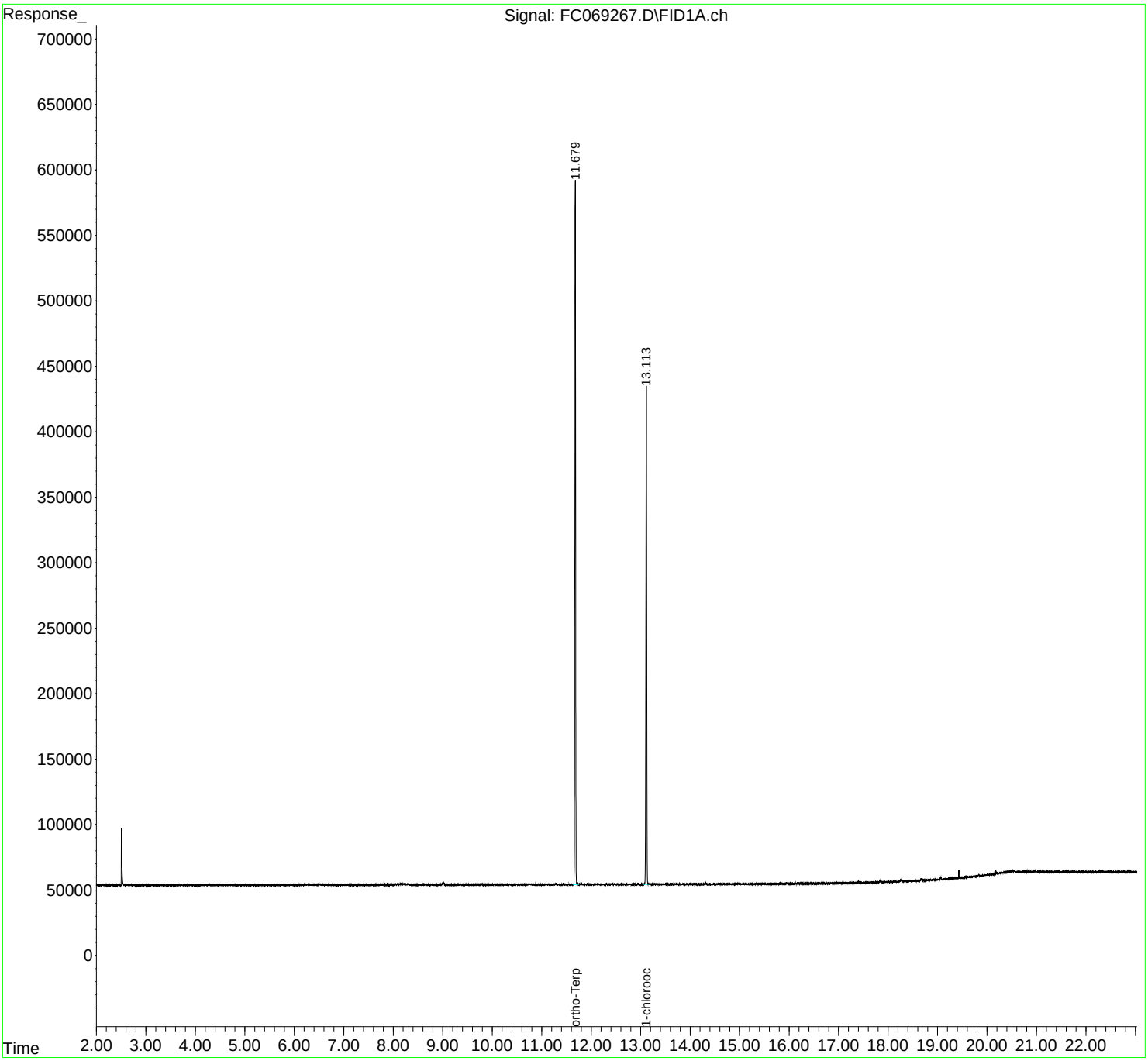
(f)=RT Delta > 1/2 Window (m)=manual int.

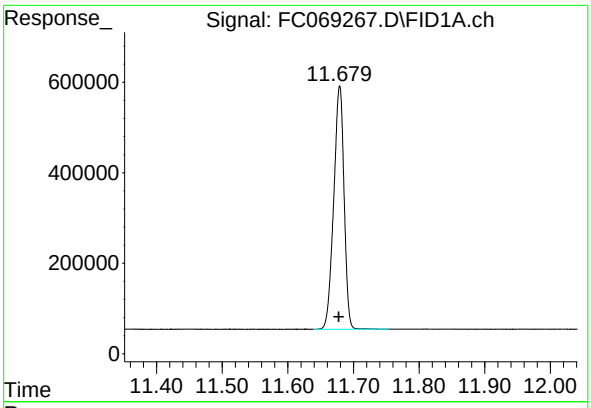
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062425AL\
Data File : FC069267.D
Signal(s) : FID1A.ch
Acq On : 24 Jun 2025 13:48
Operator : YP/AJ
Sample : PB168596BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
FID_C
**ClientSampleId :**
PB168596BL

Integration File: autoint1.e
Quant Time: Jun 25 00:39:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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

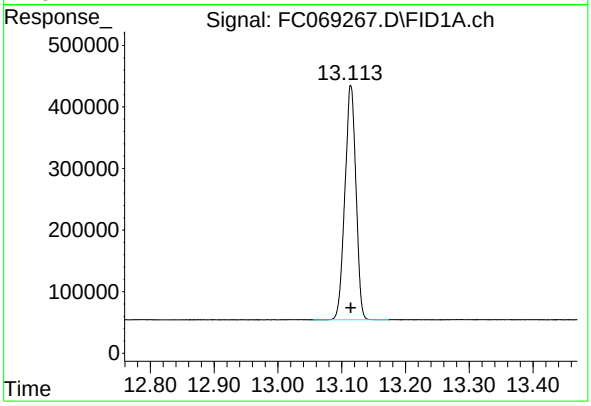





#9 ortho-Terphenyl (SURR)

R.T.: 11.679 min
Delta R.T.: 0.001 min
Response: 5889732
Conc: 34.09 ug/ml

**Instrument :**
FID_C
**ClientSampleId :**
PB168596BL




#12 1-chlorooctadecane (SURR)

R.T.: 13.114 min
Delta R.T.: 0.000 min
Response: 4586388
Conc: 35.11 ug/ml

rteres
Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062425AL\
Data File : FC069267.D
Signal(s) : FID1A.ch
Acq On : 24 Jun 2025 13:48
Sample : PB168596BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Title : GC Extractables

Signal : FID1A.ch

| peak # | R.T. min | Start min | End min | PK TY | peak height | peak area | peak % max. | % of total |
|---|---|---|---|---|---|---|---|---|
| 1 | 11.679 | 11.639 | 11.754 | BB | 538416 | 5889732 | 100.00% | 56.221% |
| 2 | 13.114 | 13.055 | 13.174 | BB | 381565 | 4586388 | 77.87% | 43.779% |

Sum of corrected areas: 10476120

Aliphatic EPH 061825.M Wed Jun 25 01:16:56 2025

Quantitation Report (QT Reviewed)

Sample Results: **FC069268.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062425AL\
Data File : FC069268.D
Signal(s) : FID1A.ch
Acq On : 24 Jun 2025 14:35
Operator : YP/AJ
Sample : PB168596BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
FID_C
**ClientSampleId :**
PB168596BS

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

Integration File: autoint1.e
Quant Time: Jun 25 00:40:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 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) | 11.681 | 6080452 | 35.196 ug/ml |
| Spiked Amount | 50.000 | | Recovery = | 70.39% |
| 12) S | 1-chlorooctadecane (S... | 13.115 | 4791844 | 36.679 ug/ml |
| Spiked Amount | 50.000 | | Recovery = | 73.36% |
| | Target Compounds | | | |
| 1) T | n-Nonane (C9) | 3.425 | 5342859 | 37.568 ug/ml |
| 2) T | n-Decane (C10) | 4.490 | 5821037 | 39.762 ug/ml |
| 3) T | A~Naphthalene (C11.7) | 6.080 | 7197388 | 44.734 ug/ml |
| 4) T | n-Dodecane (C12) | 6.509 | 6189435 | 40.875 ug/ml |
| 5) T | A~2-methylnaphthalene... | 7.139 | 6720834 | 42.470 ug/ml |
| 6) T | n-Tetradecane (C14) | 8.309 | 6303781 | 40.668 ug/ml |
| 7) T | n-Hexadecane (C16) | 9.913 | 6310028 | 38.613 ug/ml |
| 8) T | n-Octadecane (C18) | 11.358 | 6061634 | 37.126 ug/ml |
| 10) T | n-Eicosane (C20) | 12.671 | 5920908 | 38.790 ug/ml |
| 11) T | n-Heneicosane (C21) | 13.283 | 5538518 | 37.577 ug/ml |
| 13) T | n-Docosane (C22) | 13.870 | 5360430 | 37.256 ug/ml |
| 14) T | n-Tetracosane (C24) | 14.968 | 10329644 | 74.890 ug/ml |
| 15) T | n-Hexacosane (C26) | 16.000 | 4812588 | 36.815 ug/ml |
| 16) T | n-Octacosane (C28) | 16.949 | 4583845 | 37.168 ug/ml |
| 17) T | n-Tricontane (C30) | 17.840 | 4416951 | 37.154 ug/ml |
| 18) T | n-Dotriacontane (C32) | 18.672 | 4258985 | 38.953 ug/ml |
| 19) T | n-Tetratriacontane (C34) | 19.457 | 4356580 | 45.115 ug/ml |
| 20) T | n-Hexatriacontane (C36) | 20.199 | 4159372 | 50.470 ug/ml |
| 21) T | n-Octatriacontane (C38) | 20.969 | 4270903 | 57.151 ug/ml |
| 22) T | n-Tetracontane (C40) | 21.939 | 4277946 | 60.409 ug/mlm |

(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062425AL\
Data File : FC069268.D
Signal(s) : FID1A.ch
Acq On : 24 Jun 2025 14:35
Operator : YP/AJ
Sample : PB168596BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

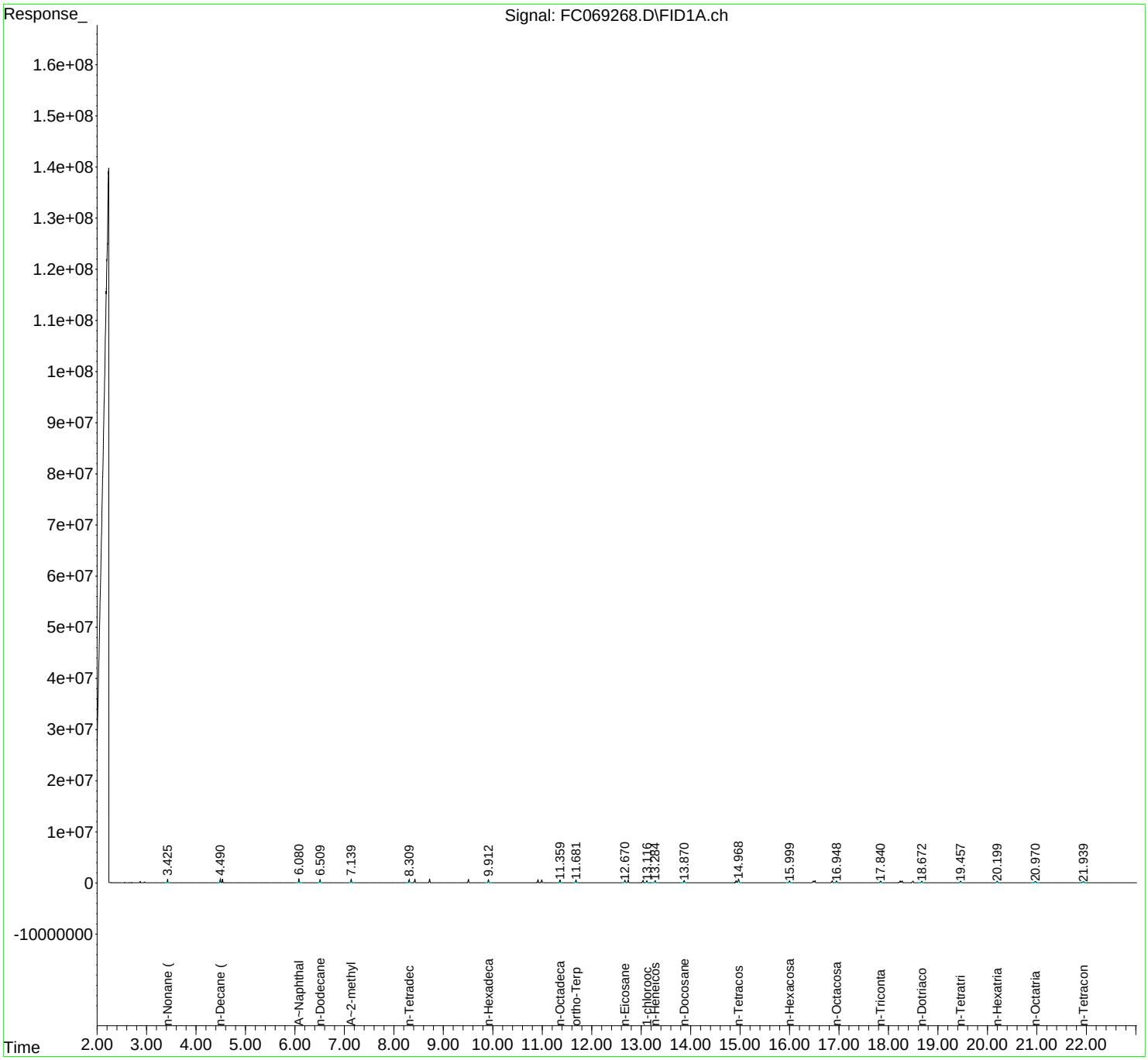
**Instrument :**
FID_C
**ClientSampleId :**
PB168596BS

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

Integration File: autoint1.e
Quant Time: Jun 25 00:40:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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



**Instrument :**
FID_C
**ClientSampleId :**
PB168596BS

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

rteres
Area Percent Repor

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data
Data File : FC069268.D
Signal(s) : FID1A.ch
Acq On : 24 Jun 2025 14:35
Sample : PB168596BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Title : GC Extractables

Signal : FID1A.ch

| peak # | R.T. min | Start min | End min | PK TY | peak height | peak area | % max. | % of total |
|---|---|---|---|---|---|---|---|---|
| 1 | 3.425 | 3.375 | 3.470 | BB | 648339 | 5342859 | 51.72% | 2.555% |
| 2 | 4.490 | 4.433 | 4.512 | BV | 664923 | 5821037 | 56.35% | 2.784% |
| 3 | 4.535 | 4.512 | 4.578 | VV | 751557 | 6742901 | 65.28% | 3.225% |
| 4 | 6.080 | 6.020 | 6.153 | BB | 781548 | 7197388 | 69.68% | 3.442% |
| 5 | 6.509 | 6.447 | 6.557 | BB | 639038 | 6189435 | 59.92% | 2.960% |
| 6 | 7.139 | 7.088 | 7.200 | BB | 671234 | 6720834 | 65.06% | 3.214% |
| 7 | 8.309 | 8.242 | 8.355 | BB | 597098 | 6303781 | 61.03% | 3.015% |
| 8 | 8.425 | 8.362 | 8.472 | BB | 702597 | 7054970 | 68.30% | 3.374% |
| 9 | 8.723 | 8.653 | 8.772 | BB | 689331 | 7009329 | 67.86% | 3.352% |

**Instrument :**
FID_C
**ClientSampleId :**
PB168596BS

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

rteres

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 10 | 9.508 | 9.438 | 9.573 | BB | 663094 | 6929638 | | | |
| 11 | 9.913 | 9.843 | 9.978 | BV | 596690 | 6310028 | | | |
| 12 | 10.914 | 10.825 | 10.947 | BV | 580482 | 6366298 | 61.63% | 3.045% | |
| 13 | 10.990 | 10.947 | 11.045 | VV | 578121 | 6332571 | 61.30% | 3.029% | |
| 14 | 11.359 | 11.310 | 11.413 | BB | 549916 | 6061634 | 58.68% | 2.899% | |
| 15 | 11.681 | 11.617 | 11.723 | BB | 557651 | 6080452 | 58.86% | 2.908% | |
| 16 | 12.671 | 12.610 | 12.702 | BV | 503279 | 5920908 | 57.32% | 2.832% | |
| 17 | 12.738 | 12.702 | 12.793 | VB | 507490 | 5814399 | 56.29% | 2.781% | |
| 18 | 13.038 | 12.963 | 13.067 | BV | 485947 | 5745154 | 55.62% | 2.748% | |
| 19 | 13.115 | 13.067 | 13.163 | VB | 393808 | 4791844 | 46.39% | 2.292% | |
| 20 | 13.283 | 13.213 | 13.340 | BB | 465408 | 5538518 | 53.62% | 2.649% | |
| 21 | 13.870 | 13.798 | 13.917 | BB | 440053 | 5360430 | 51.89% | 2.564% | |
| 22 | 14.920 | 14.852 | 14.939 | BV | 399091 | 5280960 | 51.12% | 2.526% | |
| 23 | 14.968 | 14.939 | 15.030 | VB | 701016 | 10329644 | 100.00% | 4.940% | |
| 24 | 16.000 | 15.923 | 16.057 | BB | 381872 | 4812588 | 46.59% | 2.302% | |
| 25 | 16.480 | 16.415 | 16.496 | BV | 339315 | 4909552 | 47.53% | 2.348% | |
| 26 | 16.516 | 16.496 | 16.560 | VB | 402193 | 4873912 | 47.18% | 2.331% | |
| 27 | 16.863 | 16.785 | 16.893 | BV | 351494 | 4732629 | 45.82% | 2.263% | |
| 28 | 16.949 | 16.893 | 16.985 | VB | 354170 | 4583845 | 44.38% | 2.192% | |
| 29 | 17.840 | 17.800 | 17.892 | BB | 326072 | 4416951 | 42.76% | 2.112% | |
| 30 | 18.238 | 18.160 | 18.253 | BV | 337574 | 5041238 | 48.80% | 2.411% | |
| 31 | 18.276 | 18.253 | 18.343 | VB | 355406 | 4645182 | 44.97% | 2.222% | |
| 32 | 18.496 | 18.413 | 18.552 | BB | 318411 | 4563011 | 44.17% | 2.182% | |
| 33 | 18.672 | 18.597 | 18.717 | BB | 300240 | 4258985 | 41.23% | 2.037% | |
| 34 | 19.457 | 19.420 | 19.498 | BB | 321324 | 4356580 | 42.18% | 2.084% | |
| 35 | 20.199 | 20.160 | 20.245 | BB | 288958 | 4159372 | 40.27% | 1.989% | |

**Instrument :**
FID_C
**ClientSampleId :**
PB168596BS

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

rteres

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 36 | 20.969 | 20.888 | 21.045 | BB | 230427 | 427090 | |
| 37 | 21.938 | 21.880 | 22.025 | BB | 165753 | 422456 | |

Sum of corrected areas: 209094330

Aliphatic EPH 061825.M Wed Jun 25 01:17:41 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062425AL\
Data File : FC069269.D
Signal(s) : FID1A.ch
Acq On : 24 Jun 2025 15:22
Operator : YP/AJ
Sample : PB168596BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
FID_C
**ClientSampleId :**
PB168596BSD

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

Integration File: autoint1.e
Quant Time: Jun 25 00:40:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 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) | 11.680 | 6192271 | 35.843 ug/ml |
| Spiked Amount | 50.000 | | Recovery = | 71.69% |
| 12) S | 1-chlorooctadecane (S... | 13.115 | 4875041 | 37.316 ug/ml |
| Spiked Amount | 50.000 | | Recovery = | 74.63% |
| | **Target Compounds** | | | |
| 1) T | n-Nonane (C9) | 3.425 | 5448257 | 38.309 ug/ml |
| 2) T | n-Decane (C10) | 4.490 | 5870039 | 40.097 ug/ml |
| 3) T | A~Naphthalene (C11.7) | 6.080 | 7184972 | 44.656 ug/ml |
| 4) T | n-Dodecane (C12) | 6.509 | 6168495 | 40.736 ug/ml |
| 5) T | A~2-methylnaphthalene... | 7.138 | 6684071 | 42.238 ug/ml |
| 6) T | n-Tetradecane (C14) | 8.309 | 6222633 | 40.145 ug/ml |
| 7) T | n-Hexadecane (C16) | 9.913 | 6193464 | 37.900 ug/ml |
| 8) T | n-Octadecane (C18) | 11.358 | 5944927 | 36.412 ug/ml |
| 10) T | n-Eicosane (C20) | 12.670 | 5845551 | 38.296 ug/ml |
| 11) T | n-Heneicosane (C21) | 13.282 | 5497907 | 37.301 ug/ml |
| 13) T | n-Docosane (C22) | 13.870 | 5346716 | 37.160 ug/ml |
| 14) T | n-Tetracosane (C24) | 14.968 | 10397264 | 75.380 ug/ml |
| 15) T | n-Hexacosane (C26) | 15.998 | 4857382 | 37.158 ug/ml |
| 16) T | n-Octacosane (C28) | 16.949 | 4624109 | 37.494 ug/ml |
| 17) T | n-Tricontane (C30) | 17.839 | 4458674 | 37.505 ug/ml |
| 18) T | n-Dotriacontane (C32) | 18.671 | 4294428 | 39.277 ug/ml |
| 19) T | n-Tetratriacontane (C34) | 19.457 | 4379790 | 45.355 ug/ml |
| 20) T | n-Hexatriacontane (C36) | 20.199 | 4172355 | 50.628 ug/ml |
| 21) T | n-Octatriacontane (C38) | 20.968 | 4277199 | 57.235 ug/ml |
| 22) T | n-Tetracontane (C40) | 21.933 | 4282393 | 60.472 ug/mlm |

(f)=RT Delta > 1/2 Window (m)=manual int.

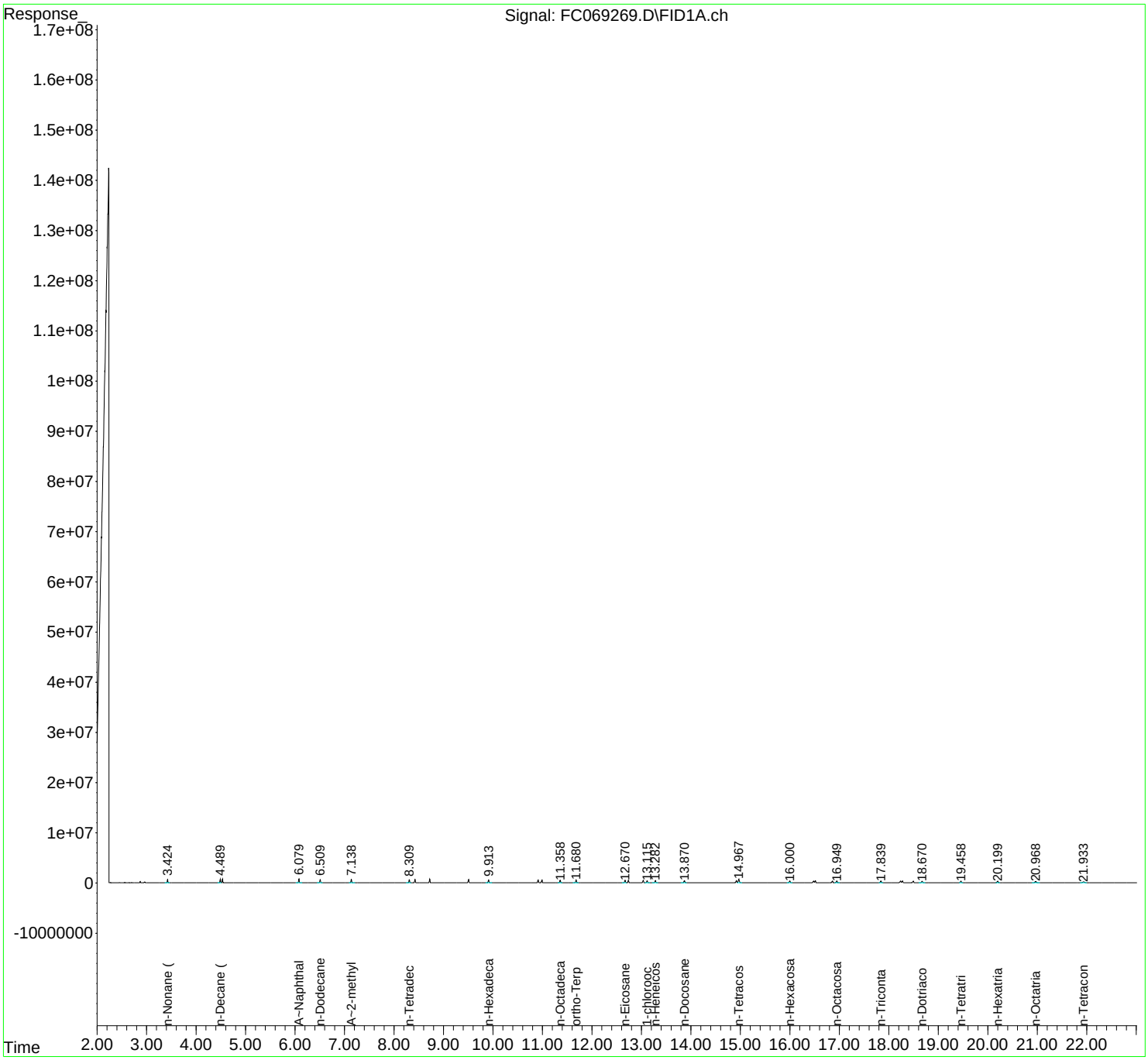
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062425AL\
Data File : FC069269.D
Signal(s) : FID1A.ch
Acq On : 24 Jun 2025 15:22
Operator : YP/AJ
Sample : PB168596BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
FID_C
**ClientSampleId :**
PB168596BSD

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

Integration File: autoint1.e
Quant Time: Jun 25 00:40:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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



**Instrument :**
FID_C
**ClientSampleId :**
PB168596BSD

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

rteres
Area Percent Repor

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data
Data File : FC069269.D
Signal(s) : FID1A.ch
Acq On : 24 Jun 2025 15:22
Sample : PB168596BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Title : GC Extractables

Signal : FID1A.ch

| peak # | R.T. min | Start min | End min | PK TY | peak height | peak area | peak % max. | % of total |
|---|---|---|---|---|---|---|---|---|
| 1 | 3.425 | 3.368 | 3.467 | BB | 663345 | 5448257 | 52.40% | 2.603% |
| 2 | 4.490 | 4.435 | 4.511 | BV | 672124 | 5870039 | 56.46% | 2.805% |
| 3 | 4.534 | 4.511 | 4.578 | VV | 771815 | 6782319 | 65.23% | 3.241% |
| 4 | 6.080 | 6.018 | 6.145 | BB | 794576 | 7184972 | 69.10% | 3.433% |
| 5 | 6.509 | 6.443 | 6.555 | BB | 642933 | 6168495 | 59.33% | 2.947% |
| 6 | 7.138 | 7.088 | 7.213 | BB | 672974 | 6684071 | 64.29% | 3.194% |
| 7 | 8.309 | 8.243 | 8.348 | BB | 591063 | 6222633 | 59.85% | 2.973% |
| 8 | 8.425 | 8.358 | 8.472 | BB | 690689 | 6997899 | 67.31% | 3.344% |
| 9 | 8.722 | 8.653 | 8.767 | BB | 696646 | 6950548 | 66.85% | 3.321% |

**Instrument :**
FID_C
**ClientSampleId :**
PB168596BSD

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

rteres

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 10 | 9.508 | 9.437 | 9.577 | BB | 663368 | 6883239 | | |
| 11 | 9.913 | 9.850 | 9.983 | BB | 568160 | 6193464 | | |
| 12 | 10.914 | 10.823 | 10.953 | BV | 571222 | 6372771 | 61.29% | 3.045% |
| 13 | 10.990 | 10.953 | 11.043 | PV | 567406 | 6336952 | 60.95% | 3.028% |
| 14 | 11.358 | 11.310 | 11.400 | BB | 511707 | 5944927 | 57.18% | 2.841% |
| 15 | 11.680 | 11.612 | 11.730 | BB | 558571 | 6192271 | 59.56% | 2.959% |
| 16 | 12.670 | 12.607 | 12.700 | BV | 512054 | 5845551 | 56.22% | 2.793% |
| 17 | 12.737 | 12.700 | 12.785 | VB | 505913 | 5857552 | 56.34% | 2.799% |
| 18 | 13.037 | 12.963 | 13.067 | BV | 490544 | 5793099 | 55.72% | 2.768% |
| 19 | 13.115 | 13.067 | 13.170 | VB | 401921 | 4875041 | 46.89% | 2.329% |
| 20 | 13.282 | 13.212 | 13.335 | BB | 439856 | 5497907 | 52.88% | 2.627% |
| 21 | 13.870 | 13.797 | 13.913 | BB | 424867 | 5346716 | 51.42% | 2.555% |
| 22 | 14.920 | 14.848 | 14.939 | BV | 385454 | 5320848 | 51.18% | 2.542% |
| 23 | 14.968 | 14.939 | 15.030 | VB | 736075 | 10397264 | 100.00% | 4.968% |
| 24 | 15.998 | 15.937 | 16.048 | BB | 361103 | 4857382 | 46.72% | 2.321% |
| 25 | 16.479 | 16.405 | 16.495 | BV | 343618 | 4927417 | 47.39% | 2.354% |
| 26 | 16.515 | 16.495 | 16.562 | VB | 417537 | 4897423 | 47.10% | 2.340% |
| 27 | 16.862 | 16.782 | 16.905 | BV | 350363 | 4748010 | 45.67% | 2.269% |
| 28 | 16.949 | 16.905 | 17.008 | VB | 349053 | 4624109 | 44.47% | 2.209% |
| 29 | 17.839 | 17.800 | 17.882 | BB | 317098 | 4458674 | 42.88% | 2.130% |
| 30 | 18.237 | 18.155 | 18.252 | BV | 341946 | 5001024 | 48.10% | 2.390% |
| 31 | 18.275 | 18.252 | 18.335 | VB | 346021 | 4687176 | 45.08% | 2.240% |
| 32 | 18.494 | 18.410 | 18.547 | BB | 332291 | 4560680 | 43.86% | 2.179% |
| 33 | 18.671 | 18.603 | 18.735 | BB | 301716 | 4294428 | 41.30% | 2.052% |
| 34 | 19.457 | 19.420 | 19.497 | BB | 310004 | 4379790 | 42.12% | 2.093% |
| 35 | 20.199 | 20.160 | 20.243 | BB | 303373 | 4172355 | 40.13% | 1.994% |

**Instrument :**
FID_C
**ClientSampleId :**
PB168596BSD

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

rteres

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 36 | 20.968 | 20.888 | 21.047 | BB | 230264 | 427719 |
| 37 | 21.934 | 21.880 | 22.018 | BB | 169168 | 423159 |

Sum of corrected areas: 209284092

Aliphatic EPH 061825.M Wed Jun 25 01:18:34 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062425AL\
Data File : FC069271.D
Signal(s) : FID1A.ch
Acq On : 24 Jun 2025 16:57
Operator : YP/AJ
Sample : Q2363-01MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
FID_C
**ClientSampleId :**
GCAP1MS

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

Integration File: autoint1.e
Quant Time: Jun 25 00:40:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 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) | 11.680 | 4514590 | 26.132 ug/ml |
| Spiked Amount | 50.000 | | Recovery = | 52.26% |
| 12) S | 1-chlorooctadecane (S... | 13.115 | 3606277 | 27.604 ug/ml |
| Spiked Amount | 50.000 | | Recovery = | 55.21% |
| | Target Compounds | | | |
| 1) T | n-Nonane (C9) | 3.422 | 5439276 | 38.246 ug/mlm |
| 2) T | n-Decane (C10) | 4.490 | 5937626 | 40.559 ug/mlm |
| 3) T | A~Naphthalene (C11.7) | 6.081 | 7141952 | 44.389 ug/mlm |
| 4) T | n-Dodecane (C12) | 6.510 | 6222651 | 41.094 ug/mlm |
| 5) T | A~2-methylnaphthalene... | 7.140 | 6805277 | 43.003 ug/mlm |
| 6) T | n-Tetradecane (C14) | 8.310 | 6087155 | 39.271 ug/mlm |
| 7) T | n-Hexadecane (C16) | 9.913 | 6146934 | 37.615 ug/ml |
| 8) T | n-Octadecane (C18) | 11.358 | 5587783 | 34.224 ug/ml |
| 10) T | n-Eicosane (C20) | 12.671 | 5505165 | 36.066 ug/ml |
| 11) T | n-Heneicosane (C21) | 13.283 | 5176614 | 35.121 ug/ml |
| 13) T | n-Docosane (C22) | 13.870 | 5074573 | 35.269 ug/ml |
| 14) T | n-Tetracosane (C24) | 14.968 | 9773157 | 70.855 ug/ml |
| 15) T | n-Hexacosane (C26) | 15.999 | 4593235 | 35.137 ug/ml |
| 16) T | n-Octacosane (C28) | 16.949 | 4404771 | 35.716 ug/ml |
| 17) T | n-Tricontane (C30) | 17.839 | 4256589 | 35.805 ug/ml |
| 18) T | n-Dotriacontane (C32) | 18.672 | 4200623 | 38.419 ug/ml |
| 19) T | n-Tetratriacontane (C34) | 19.457 | 4192154 | 43.412 ug/ml |
| 20) T | n-Hexatriacontane (C36) | 20.199 | 3983866 | 48.341 ug/ml |
| 21) T | n-Octatriacontane (C38) | 20.968 | 4063825 | 54.380 ug/ml |
| 22) T | n-Tetracontane (C40) | 21.935 | 4017028 | 56.725 ug/mlm |

(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062425AL\
Data File : FC069271.D
Signal(s) : FID1A.ch
Acq On : 24 Jun 2025 16:57
Operator : YP/AJ
Sample : Q2363-01MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

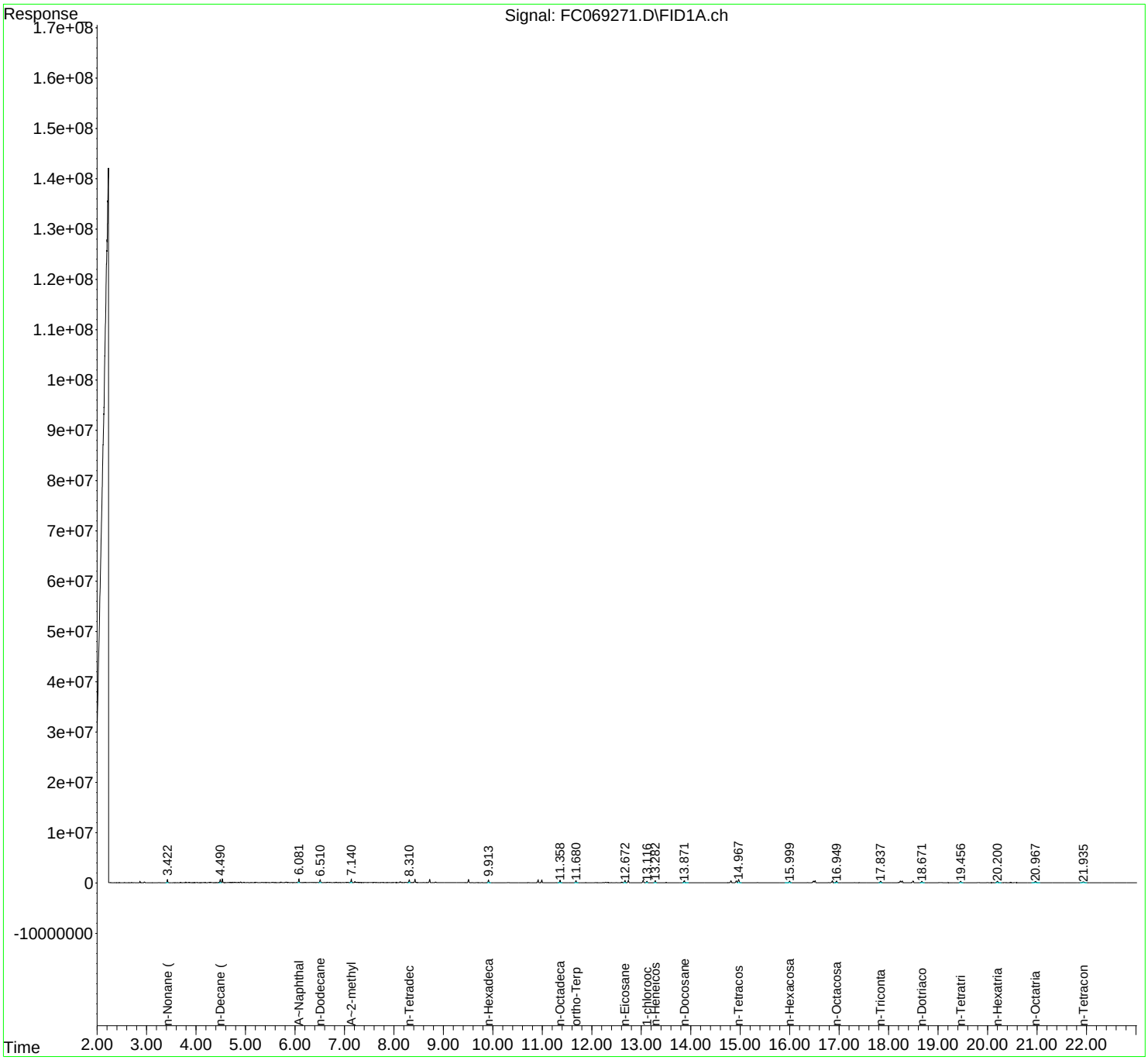
**Instrument :**
FID_C
**ClientSampleId :**
GCAP1MS

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

Integration File: autoint1.e
Quant Time: Jun 25 00:40:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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



**Instrument :**
FID_C
**ClientSampleId :**
GCAP1MS

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

rteres
Area Percent Repor

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data
Data File : FC069271.D
Signal(s) : FID1A.ch
Acq On : 24 Jun 2025 16:57
Sample : Q2363-01MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Title : GC Extractables

Signal : FID1A.ch

| peak # | R.T. min | Start min | End min | PK TY | peak height | peak area | % max. | % of total |
|---|---|---|---|---|---|---|---|---|
| 1 | 3.248 | 3.204 | 3.262 | BV | 39303 | 457284 | 4.67% | 0.121% |
| 2 | 3.273 | 3.262 | 3.291 | VV | 22001 | 188996 | 1.93% | 0.050% |
| 3 | 3.302 | 3.291 | 3.307 | VV | 3065 | 21802 | 0.22% | 0.006% |
| 4 | 3.319 | 3.307 | 3.349 | VV | 5102 | 59214 | 0.60% | 0.016% |
| 5 | 3.373 | 3.349 | 3.383 | PV | 3538 | 32432 | 0.33% | 0.009% |
| 6 | 3.422 | 3.383 | 3.461 | VV | 641535 | 5752843 | 58.71% | 1.520% |
| 7 | 3.472 | 3.461 | 3.503 | VV | 8696 | 102616 | 1.05% | 0.027% |
| 8 | 3.522 | 3.503 | 3.531 | VV | 5155 | 46410 | 0.47% | 0.012% |
| 9 | 3.550 | 3.531 | 3.564 | VV | 31507 | 331169 | 3.38% | 0.087% |

**Instrument :**
FID_C
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GCAP1MS

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| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 10 | 3.573 | 3.564 | 3.587 | VV | 19738 | 189731 | 1 | | |
| 11 | 3.621 | 3.587 | 3.652 | VV | 26709 | 510716 | 5 | | |
| 12 | 3.689 | 3.652 | 3.722 | VV | 73231 | 1084414 | 11.07% | 0.286% | |
| 13 | 3.749 | 3.722 | 3.766 | VV | 27747 | 423008 | 4.32% | 0.112% | |
| 14 | 3.792 | 3.766 | 3.815 | VV | 126410 | 1487008 | 15.18% | 0.393% | |
| 15 | 3.827 | 3.815 | 3.839 | VV | 35837 | 388563 | 3.97% | 0.103% | |
| 16 | 3.866 | 3.839 | 3.902 | VV | 81004 | 1306700 | 13.34% | 0.345% | |
| 17 | 3.917 | 3.902 | 3.946 | VV | 25174 | 363116 | 3.71% | 0.096% | |
| 18 | 3.964 | 3.946 | 3.982 | VV | 68888 | 613968 | 6.27% | 0.162% | |
| 19 | 4.009 | 3.982 | 4.057 | VV | 59316 | 1320043 | 13.47% | 0.349% | |
| 20 | 4.085 | 4.057 | 4.102 | VV | 25870 | 395215 | 4.03% | 0.104% | |
| 21 | 4.119 | 4.102 | 4.134 | VV | 33620 | 434324 | 4.43% | 0.115% | |
| 22 | 4.152 | 4.134 | 4.171 | VV | 50892 | 778293 | 7.94% | 0.206% | |
| 23 | 4.186 | 4.171 | 4.208 | VV | 80328 | 882721 | 9.01% | 0.233% | |
| 24 | 4.269 | 4.208 | 4.281 | VV | 74229 | 1242307 | 12.68% | 0.328% | |
| 25 | 4.296 | 4.281 | 4.320 | VV | 93910 | 1140253 | 11.64% | 0.301% | |
| 26 | 4.333 | 4.320 | 4.346 | VV | 33812 | 404554 | 4.13% | 0.107% | |
| 27 | 4.352 | 4.346 | 4.372 | VV | 22263 | 210204 | 2.15% | 0.056% | |
| 28 | 4.405 | 4.372 | 4.424 | VV | 48280 | 798822 | 8.15% | 0.211% | |
| 29 | 4.446 | 4.424 | 4.465 | VV | 48617 | 779436 | 7.95% | 0.206% | |
| 30 | 4.490 | 4.465 | 4.511 | VV | 650555 | 6195407 | 63.23% | 1.637% | |
| 31 | 4.533 | 4.511 | 4.580 | VV | 740531 | 7137425 | 72.84% | 1.886% | |
| 32 | 4.596 | 4.580 | 4.614 | VV | 22736 | 404625 | 4.13% | 0.107% | |
| 33 | 4.644 | 4.614 | 4.675 | VV | 60432 | 1510392 | 15.41% | 0.399% | |
| 34 | 4.691 | 4.675 | 4.706 | VV | 79047 | 1009567 | 10.30% | 0.267% | |
| 35 | 4.715 | 4.706 | 4.726 | VV | 44832 | 497211 | 5.07% | 0.131% | |

**Instrument :**
FID_C
**ClientSampleId :**
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**Manual IntegrationsAPPROVED**

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| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 36 | 4.742 | 4.726 | 4.758 | VV | 111347 | 1193522 | | | |
| 37 | 4.773 | 4.758 | 4.786 | VV | 108343 | 1152102 | | | |
| 38 | 4.796 | 4.786 | 4.810 | VV | 71133 | 843589 | 8.61% | 0.223% | |
| 39 | 4.820 | 4.810 | 4.832 | VV | 54301 | 561275 | 5.73% | 0.148% | |
| 40 | 4.861 | 4.832 | 4.878 | VV | 78516 | 1313129 | 13.40% | 0.347% | |
| 41 | 4.901 | 4.878 | 4.927 | VV | 143261 | 2073065 | 21.16% | 0.548% | |
| 42 | 4.936 | 4.927 | 4.945 | VV | 29870 | 297067 | 3.03% | 0.078% | |
| 43 | 4.966 | 4.945 | 4.988 | VV | 105469 | 1392015 | 14.21% | 0.368% | |
| 44 | 5.010 | 4.988 | 5.024 | VV | 48138 | 743035 | 7.58% | 0.196% | |
| 45 | 5.039 | 5.024 | 5.071 | VV | 55950 | 1066085 | 10.88% | 0.282% | |
| 46 | 5.120 | 5.071 | 5.154 | VV | 52774 | 1530117 | 15.62% | 0.404% | |
| 47 | 5.184 | 5.154 | 5.194 | VV | 68775 | 938756 | 9.58% | 0.248% | |
| 48 | 5.208 | 5.194 | 5.222 | VV | 97253 | 1104146 | 11.27% | 0.292% | |
| 49 | 5.232 | 5.222 | 5.272 | VV | 57814 | 1241971 | 12.67% | 0.328% | |
| 50 | 5.286 | 5.272 | 5.306 | VV | 34531 | 562420 | 5.74% | 0.149% | |
| 51 | 5.328 | 5.306 | 5.359 | VV | 85631 | 1706496 | 17.42% | 0.451% | |
| 52 | 5.367 | 5.359 | 5.375 | VV | 44935 | 397044 | 4.05% | 0.105% | |
| 53 | 5.388 | 5.375 | 5.404 | VV | 58353 | 786423 | 8.03% | 0.208% | |
| 54 | 5.419 | 5.404 | 5.433 | VV | 65225 | 830709 | 8.48% | 0.219% | |
| 55 | 5.450 | 5.433 | 5.503 | VV | 60139 | 1689391 | 17.24% | 0.446% | |
| 56 | 5.530 | 5.503 | 5.541 | VV | 77694 | 1137010 | 11.60% | 0.300% | |
| 57 | 5.554 | 5.541 | 5.580 | VV | 97369 | 1363176 | 13.91% | 0.360% | |
| 58 | 5.597 | 5.580 | 5.609 | VV | 51716 | 644038 | 6.57% | 0.170% | |
| 59 | 5.616 | 5.609 | 5.633 | VV | 40372 | 466178 | 4.76% | 0.123% | |
| 60 | 5.682 | 5.633 | 5.692 | VV | 39582 | 1239147 | 12.65% | 0.327% | |

**Instrument :**
FID_C
**ClientSampleId :**
GCAP1MS

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**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 61 | 5.714 | 5.692 | 5.754 | VV | 133230 | 2359900 | | | |
| 62 | 5.773 | 5.754 | 5.788 | VV | 41410 | 731832 | 7 | | |
| 63 | 5.826 | 5.788 | 5.848 | VV | 114528 | 2703311 | | | |
| 64 | 5.865 | 5.848 | 5.889 | VV | 86964 | 1339872 | 13.67% | 0.354% | |
| 65 | 5.897 | 5.889 | 5.907 | VV | 32600 | 318795 | 3.25% | 0.084% | |
| 66 | 5.936 | 5.907 | 5.961 | VV | 52779 | 1193851 | 12.18% | 0.315% | |
| 67 | 5.984 | 5.961 | 6.008 | VV | 55897 | 953632 | 9.73% | 0.252% | |
| 68 | 6.030 | 6.008 | 6.053 | VV | 66554 | 1245109 | 12.71% | 0.329% | |
| 69 | 6.081 | 6.053 | 6.142 | VV | 773053 | 8806135 | 89.87% | 2.327% | |
| 70 | 6.182 | 6.142 | 6.194 | VV | 53233 | 1234751 | 12.60% | 0.326% | |
| 71 | 6.212 | 6.194 | 6.240 | VV | 65834 | 1377631 | 14.06% | 0.364% | |
| 72 | 6.263 | 6.240 | 6.281 | VV | 51953 | 1073087 | 10.95% | 0.284% | |
| 73 | 6.296 | 6.281 | 6.307 | VV | 54488 | 727813 | 7.43% | 0.192% | |
| 74 | 6.346 | 6.307 | 6.369 | VV | 65160 | 2027691 | 20.69% | 0.536% | |
| 75 | 6.390 | 6.369 | 6.411 | VV | 71756 | 1228645 | 12.54% | 0.325% | |
| 76 | 6.439 | 6.411 | 6.456 | VV | 58661 | 1208209 | 12.33% | 0.319% | |
| 77 | 6.465 | 6.456 | 6.480 | VV | 49280 | 643278 | 6.56% | 0.170% | |
| 78 | 6.510 | 6.480 | 6.557 | VV | 621927 | 7555470 | 77.11% | 1.996% | |
| 79 | 6.599 | 6.557 | 6.615 | VV | 47768 | 1305031 | 13.32% | 0.345% | |
| 80 | 6.628 | 6.615 | 6.637 | VV | 41566 | 503716 | 5.14% | 0.133% | |
| 81 | 6.657 | 6.637 | 6.681 | VV | 101781 | 1642782 | 16.77% | 0.434% | |
| 82 | 6.706 | 6.681 | 6.751 | VV | 70849 | 1975998 | 20.17% | 0.522% | |
| 83 | 6.786 | 6.751 | 6.809 | VV | 62800 | 1507534 | 15.39% | 0.398% | |
| 84 | 6.834 | 6.809 | 6.872 | VV | 90657 | 1949508 | 19.90% | 0.515% | |
| 85 | 6.910 | 6.872 | 6.931 | VV | 58704 | 1502572 | 15.33% | 0.397% | |
| 86 | 6.969 | 6.931 | 6.995 | VV | 51795 | 1479901 | 15.10% | 0.391% | |

**Instrument :**
FID_C
**ClientSampleId :**
GCAP1MS

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

rteres

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 87 | 7.015 | 6.995 | 7.025 | VV | 53484 | 800651 | 8 | | |
| 88 | 7.040 | 7.025 | 7.055 | VV | 66494 | 984431 | 1 | | |
| 89 | 7.071 | 7.055 | 7.100 | VV | 69648 | 1356068 | 1 | | |
| 90 | 7.140 | 7.100 | 7.190 | VV | 708532 | 8505445 | 86.80% | 2.247% | |
| 91 | 7.212 | 7.190 | 7.255 | VV | 207293 | 3470432 | 35.42% | 0.917% | |
| 92 | 7.272 | 7.255 | 7.296 | VV | 99083 | 1539798 | 15.71% | 0.407% | |
| 93 | 7.315 | 7.296 | 7.334 | VV | 67639 | 1119485 | 11.42% | 0.296% | |
| 94 | 7.344 | 7.334 | 7.351 | VV | 39737 | 399840 | 4.08% | 0.106% | |
| 95 | 7.360 | 7.351 | 7.378 | VV | 40111 | 582378 | 5.94% | 0.154% | |
| 96 | 7.401 | 7.378 | 7.466 | VV | 51930 | 2223652 | 22.69% | 0.587% | |
| 97 | 7.487 | 7.466 | 7.512 | VV | 48829 | 1187898 | 12.12% | 0.314% | |
| 98 | 7.527 | 7.512 | 7.561 | VV | 51742 | 1323900 | 13.51% | 0.350% | |
| 99 | 7.573 | 7.561 | 7.583 | VV | 46216 | 566685 | 5.78% | 0.150% | |
| 100 | 7.609 | 7.583 | 7.635 | VV | 69198 | 1676713 | 17.11% | 0.443% | |
| 101 | 7.652 | 7.635 | 7.679 | VV | 42292 | 981268 | 10.01% | 0.259% | |
| 102 | 7.694 | 7.679 | 7.713 | VV | 39366 | 684182 | 6.98% | 0.181% | |
| 103 | 7.776 | 7.713 | 7.834 | VV | 68344 | 2998600 | 30.60% | 0.792% | |
| 104 | 7.862 | 7.834 | 7.888 | VV | 41512 | 1156472 | 11.80% | 0.306% | |
| 105 | 7.905 | 7.888 | 7.928 | VV | 39707 | 922622 | 9.42% | 0.244% | |
| 106 | 7.956 | 7.928 | 7.972 | VV | 40880 | 947871 | 9.67% | 0.250% | |
| 107 | 8.016 | 7.972 | 8.044 | VV | 52379 | 1883442 | 19.22% | 0.498% | |
| 108 | 8.055 | 8.044 | 8.084 | VV | 39252 | 871095 | 8.89% | 0.230% | |
| 109 | 8.129 | 8.084 | 8.152 | VV | 199521 | 3343096 | 34.12% | 0.883% | |
| 110 | 8.162 | 8.152 | 8.203 | VV | 40474 | 1102959 | 11.26% | 0.291% | |
| 111 | 8.237 | 8.203 | 8.251 | VV | 85662 | 1626803 | 16.60% | 0.430% | |
| 112 | 8.264 | 8.251 | 8.282 | VV | 72718 | 1019389 | 10.40% | 0.269% | |

**Instrument :**
FID_C
**ClientSampleId :**
GCAP1MS

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**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 113 | 8.310 | 8.282 | 8.336 | VV | 601772 | 7036195 | | |
| 114 | 8.355 | 8.336 | 8.375 | VV | 57162 | 1008793 | | |
| 115 | 8.426 | 8.375 | 8.463 | VV | 703392 | 8729074 | | |
| 116 | 8.477 | 8.463 | 8.493 | VV | 49497 | 774722 | 7.91% | 0.205% |
| 117 | 8.506 | 8.493 | 8.545 | VV | 37512 | 1089551 | 11.12% | 0.288% |
| 118 | 8.557 | 8.545 | 8.572 | VV | 34445 | 506177 | 5.17% | 0.134% |
| 119 | 8.595 | 8.572 | 8.621 | VV | 42290 | 1011014 | 10.32% | 0.267% |
| 120 | 8.634 | 8.621 | 8.647 | VV | 30142 | 424628 | 4.33% | 0.112% |
| 121 | 8.667 | 8.647 | 8.684 | VV | 44339 | 753301 | 7.69% | 0.199% |
| 122 | 8.723 | 8.684 | 8.749 | VV | 667292 | 7693846 | 78.52% | 2.033% |
| 123 | 8.772 | 8.749 | 8.793 | VV | 40950 | 853469 | 8.71% | 0.225% |
| 124 | 8.845 | 8.793 | 8.871 | VV | 134353 | 2576991 | 26.30% | 0.681% |
| 125 | 8.884 | 8.871 | 8.906 | VV | 28597 | 559776 | 5.71% | 0.148% |
| 126 | 8.922 | 8.906 | 8.938 | VV | 25539 | 449806 | 4.59% | 0.119% |
| 127 | 8.958 | 8.938 | 8.975 | VV | 35750 | 655584 | 6.69% | 0.173% |
| 128 | 8.991 | 8.975 | 9.012 | VV | 38109 | 672154 | 6.86% | 0.178% |
| 129 | 9.025 | 9.012 | 9.044 | VV | 24551 | 434914 | 4.44% | 0.115% |
| 130 | 9.078 | 9.044 | 9.094 | VV | 33443 | 800241 | 8.17% | 0.211% |
| 131 | 9.125 | 9.094 | 9.143 | VV | 35316 | 828857 | 8.46% | 0.219% |
| 132 | 9.167 | 9.143 | 9.198 | VV | 36618 | 914560 | 9.33% | 0.242% |
| 133 | 9.215 | 9.198 | 9.239 | VV | 27272 | 542106 | 5.53% | 0.143% |
| 134 | 9.282 | 9.239 | 9.300 | VV | 28091 | 794828 | 8.11% | 0.210% |
| 135 | 9.314 | 9.300 | 9.345 | VV | 22203 | 473242 | 4.83% | 0.125% |
| 136 | 9.364 | 9.345 | 9.382 | VV | 18389 | 355211 | 3.63% | 0.094% |
| 137 | 9.421 | 9.382 | 9.445 | VV | 25436 | 702578 | 7.17% | 0.186% |
| 138 | 9.460 | 9.445 | 9.476 | VV | 16666 | 283923 | 2.90% | 0.075% |

**Instrument :**
FID_C
**ClientSampleId :**
GCAP1MS

rteres

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 139 | 9.509 | 9.476 | 9.557 | VV | 626964 | 7207039 | | |
| 140 | 9.582 | 9.557 | 9.612 | VV | 28194 | 612242 | | |
| 141 | 9.621 | 9.612 | 9.634 | VV | 12604 | 162254 | 1.66% | 0.043% |
| 142 | 9.669 | 9.634 | 9.699 | VV | 17655 | 573244 | 5.85% | 0.151% |
| 143 | 9.716 | 9.699 | 9.756 | VV | 18674 | 454815 | 4.64% | 0.120% |
| 144 | 9.779 | 9.756 | 9.804 | VV | 43206 | 594214 | 6.06% | 0.157% |
| 145 | 9.826 | 9.804 | 9.843 | VV | 13017 | 251718 | 2.57% | 0.067% |
| 146 | 9.867 | 9.843 | 9.881 | VV | 14849 | 285498 | 2.91% | 0.075% |
| 147 | 9.913 | 9.881 | 9.961 | VV | 535387 | 6278495 | 64.08% | 1.659% |
| 148 | 9.993 | 9.961 | 10.005 | VV | 9610 | 242026 | 2.47% | 0.064% |
| 149 | 10.014 | 10.005 | 10.055 | VV | 9341 | 228120 | 2.33% | 0.060% |
| 150 | 10.084 | 10.055 | 10.108 | VV | 7539 | 203942 | 2.08% | 0.054% |
| 151 | 10.124 | 10.108 | 10.169 | VV | 6106 | 203479 | 2.08% | 0.054% |
| 152 | 10.188 | 10.169 | 10.214 | VV | 6485 | 144030 | 1.47% | 0.038% |
| 153 | 10.251 | 10.214 | 10.272 | VV | 7081 | 194200 | 1.98% | 0.051% |
| 154 | 10.324 | 10.272 | 10.370 | VV | 37767 | 955619 | 9.75% | 0.252% |
| 155 | 10.386 | 10.370 | 10.414 | VV | 6965 | 151505 | 1.55% | 0.040% |
| 156 | 10.429 | 10.414 | 10.438 | VV | 4852 | 62631 | 0.64% | 0.017% |
| 157 | 10.447 | 10.438 | 10.470 | VV | 4866 | 79687 | 0.81% | 0.021% |
| 158 | 10.491 | 10.470 | 10.525 | VV | 10451 | 188119 | 1.92% | 0.050% |
| 159 | 10.551 | 10.525 | 10.565 | VV | 4114 | 92461 | 0.94% | 0.024% |
| 160 | 10.583 | 10.565 | 10.617 | VV | 4532 | 125044 | 1.28% | 0.033% |
| 161 | 10.650 | 10.617 | 10.665 | VV | 6497 | 131354 | 1.34% | 0.035% |
| 162 | 10.674 | 10.665 | 10.686 | VV | 5123 | 59666 | 0.61% | 0.016% |
| 163 | 10.721 | 10.686 | 10.758 | VV | 25975 | 516669 | 5.27% | 0.137% |
| 164 | 10.772 | 10.758 | 10.851 | VV | 3968 | 168054 | 1.72% | 0.044% |

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**Manual IntegrationsAPPROVED**

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Supervised By :mohammad ahmed 06/26/2025

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|---|---|---|---|---|---|---|---|---|---|
| 165 | 10.915 | 10.851 | 10.954 | VV | 556878 | 633751 | | | |
| 166 | 10.990 | 10.954 | 11.018 | VV | 573641 | 600016 | | | |
| 167 | 11.045 | 11.018 | 11.090 | VV | 4033 | 135396 | 1.38% | 0.036% | |
| 168 | 11.128 | 11.090 | 11.146 | VV | 4005 | 95083 | 0.97% | 0.025% | |
| 169 | 11.160 | 11.146 | 11.177 | VV | 3624 | 57187 | 0.58% | 0.015% | |
| 170 | 11.195 | 11.177 | 11.238 | VV | 5016 | 103517 | 1.06% | 0.027% | |
| 171 | 11.278 | 11.238 | 11.312 | VV | 19030 | 274691 | 2.80% | 0.073% | |
| 172 | 11.358 | 11.312 | 11.400 | VV | 488565 | 5689064 | 58.06% | 1.503% | |
| 173 | 11.446 | 11.400 | 11.483 | VV | 9575 | 221976 | 2.27% | 0.059% | |
| 174 | 11.516 | 11.483 | 11.538 | VV | 3057 | 86771 | 0.89% | 0.023% | |
| 175 | 11.549 | 11.538 | 11.561 | VV | 2235 | 28976 | 0.30% | 0.008% | |
| 176 | 11.569 | 11.561 | 11.584 | VV | 2263 | 31061 | 0.32% | 0.008% | |
| 177 | 11.615 | 11.584 | 11.643 | VV | 5109 | 117272 | 1.20% | 0.031% | |
| 178 | 11.680 | 11.643 | 11.728 | VV | 418483 | 4617247 | 47.12% | 1.220% | |
| 179 | 11.746 | 11.728 | 11.766 | VV | 4878 | 79405 | 0.81% | 0.021% | |
| 180 | 11.778 | 11.766 | 11.795 | VV | 3087 | 47576 | 0.49% | 0.013% | |
| 181 | 11.827 | 11.795 | 11.847 | VV | 6283 | 126054 | 1.29% | 0.033% | |
| 182 | 11.873 | 11.847 | 11.907 | VV | 19133 | 320559 | 3.27% | 0.085% | |
| 183 | 11.924 | 11.907 | 11.946 | VV | 5261 | 92277 | 0.94% | 0.024% | |
| 184 | 11.961 | 11.946 | 11.974 | VV | 3423 | 49848 | 0.51% | 0.013% | |
| 185 | 12.004 | 11.974 | 12.016 | VV | 6762 | 117395 | 1.20% | 0.031% | |
| 186 | 12.026 | 12.016 | 12.043 | VV | 6334 | 88395 | 0.90% | 0.023% | |
| 187 | 12.070 | 12.043 | 12.087 | VV | 23390 | 356679 | 3.64% | 0.094% | |
| 188 | 12.097 | 12.087 | 12.109 | VV | 14760 | 172501 | 1.76% | 0.046% | |
| 189 | 12.118 | 12.109 | 12.176 | VV | 12953 | 248778 | 2.54% | 0.066% | |
| 190 | 12.190 | 12.176 | 12.204 | VV | 3555 | 54537 | 0.56% | 0.014% | |

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|---|---|---|---|---|---|---|---|---|---|
| 191 | 12.229 | 12.204 | 12.252 | VV | 52859 | 619107 | | | |
| 192 | 12.279 | 12.252 | 12.302 | VV | 113564 | 140880 | | | |
| 193 | 12.325 | 12.302 | 12.373 | VV | 73530 | 987713 | 10.08% | 0.261% | |
| 194 | 12.397 | 12.373 | 12.471 | VV | 17888 | 365592 | 3.73% | 0.097% | |
| 195 | 12.496 | 12.471 | 12.548 | VV | 31648 | 450740 | 4.60% | 0.119% | |
| 196 | 12.608 | 12.548 | 12.636 | VV | 114104 | 1410916 | 14.40% | 0.373% | |
| 197 | 12.671 | 12.636 | 12.703 | VV | 461534 | 5570714 | 56.85% | 1.472% | |
| 198 | 12.740 | 12.703 | 12.787 | VV | 493609 | 5787085 | 59.06% | 1.529% | |
| 199 | 12.818 | 12.787 | 12.850 | VV | 5576 | 126485 | 1.29% | 0.033% | |
| 200 | 12.861 | 12.850 | 12.881 | VV | 2632 | 43297 | 0.44% | 0.011% | |
| 201 | 12.920 | 12.881 | 12.970 | VV | 9939 | 191407 | 1.95% | 0.051% | |
| 202 | 12.982 | 12.970 | 12.991 | VV | 1597 | 19068 | 0.19% | 0.005% | |
| 203 | 13.039 | 12.991 | 13.082 | VV | 480694 | 5939669 | 60.62% | 1.569% | |
| 204 | 13.115 | 13.082 | 13.142 | VV | 294061 | 3658214 | 37.33% | 0.966% | |
| 205 | 13.155 | 13.142 | 13.181 | VV | 5974 | 82694 | 0.84% | 0.022% | |
| 206 | 13.201 | 13.181 | 13.210 | VV | 1869 | 29318 | 0.30% | 0.008% | |
| 207 | 13.229 | 13.210 | 13.247 | VV | 4081 | 58889 | 0.60% | 0.016% | |
| 208 | 13.283 | 13.247 | 13.319 | VV | 433225 | 5241675 | 53.49% | 1.385% | |
| 209 | 13.344 | 13.319 | 13.406 | VV | 7053 | 194989 | 1.99% | 0.052% | |
| 210 | 13.430 | 13.406 | 13.449 | VV | 2014 | 44507 | 0.45% | 0.012% | |
| 211 | 13.504 | 13.449 | 13.568 | VV | 45957 | 750713 | 7.66% | 0.198% | |
| 212 | 13.588 | 13.568 | 13.599 | VV | 3621 | 57234 | 0.58% | 0.015% | |
| 213 | 13.620 | 13.599 | 13.672 | VV | 11451 | 196747 | 2.01% | 0.052% | |
| 214 | 13.730 | 13.672 | 13.750 | VV | 4171 | 113283 | 1.16% | 0.030% | |
| 215 | 13.781 | 13.750 | 13.832 | VV | 4034 | 132956 | 1.36% | 0.035% | |

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|---|---|---|---|---|---|---|---|---|---|
| 216 | 13.870 | 13.832 | 13.928 | VV | 394407 | 512841 | | | |
| 217 | 13.939 | 13.928 | 13.957 | VV | 1724 | 24680 | | | |
| 218 | 13.991 | 13.957 | 14.010 | VV | 1611 | 40579 | | | |
| 219 | 14.044 | 14.010 | 14.064 | VV | 2596 | 55768 | 0.57% | 0.015% | |
| 220 | 14.078 | 14.064 | 14.089 | VV | 1618 | 22183 | 0.23% | 0.006% | |
| 221 | 14.108 | 14.089 | 14.121 | VV | 2810 | 41451 | 0.42% | 0.011% | |
| 222 | 14.139 | 14.121 | 14.193 | VV | 5304 | 92839 | 0.95% | 0.025% | |
| 223 | 14.222 | 14.193 | 14.237 | VV | 967 | 19318 | 0.20% | 0.005% | |
| 224 | 14.260 | 14.237 | 14.281 | VV | 2912 | 42912 | 0.44% | 0.011% | |
| 225 | 14.307 | 14.281 | 14.338 | VV | 4043 | 72776 | 0.74% | 0.019% | |
| 226 | 14.355 | 14.338 | 14.403 | VV | 1574 | 36270 | 0.37% | 0.010% | |
| 227 | 14.432 | 14.403 | 14.455 | VV | 3530 | 53141 | 0.54% | 0.014% | |
| 228 | 14.488 | 14.455 | 14.510 | VV | 1599 | 42589 | 0.43% | 0.011% | |
| 229 | 14.535 | 14.510 | 14.554 | VV | 2319 | 45459 | 0.46% | 0.012% | |
| 230 | 14.598 | 14.554 | 14.620 | VV | 2966 | 73541 | 0.75% | 0.019% | |
| 231 | 14.658 | 14.620 | 14.702 | VV | 2030 | 52398 | 0.53% | 0.014% | |
| 232 | 14.747 | 14.702 | 14.776 | VV | 14950 | 201420 | 2.06% | 0.053% | |
| 233 | 14.813 | 14.776 | 14.848 | VV | 382317 | 4851818 | 49.52% | 1.282% | |
| 234 | 14.868 | 14.848 | 14.881 | VV | 866 | 14037 | 0.14% | 0.004% | |
| 235 | 14.922 | 14.881 | 14.941 | VV | 372934 | 5101765 | 52.07% | 1.348% | |
| 236 | 14.968 | 14.941 | 15.027 | VV | 665096 | 9798659 | 100.00% | 2.589% | |
| 237 | 15.043 | 15.027 | 15.057 | VV | 1526 | 18631 | 0.19% | 0.005% | |
| 238 | 15.073 | 15.057 | 15.095 | VV | 1539 | 22297 | 0.23% | 0.006% | |
| 239 | 15.110 | 15.095 | 15.134 | VV | 808 | 11699 | 0.12% | 0.003% | |
| 240 | 15.153 | 15.134 | 15.188 | VV | 803 | 11712 | 0.12% | 0.003% | |
| 241 | 15.210 | 15.188 | 15.240 | PV | 913 | 16652 | 0.17% | 0.004% | |

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|---|---|---|---|---|---|---|---|---|---|
| 242 | 15.299 | 15.240 | 15.317 | VV | 1377 | 36290 | | | |
| 243 | 15.349 | 15.317 | 15.411 | VV | 34844 | 492066 | | | |
| 244 | 15.438 | 15.411 | 15.466 | VV | 1050 | 21385 | | | |
| 245 | 15.492 | 15.466 | 15.527 | VV | 4537 | 65934 | 0.67% | 0.017% | |
| 246 | 15.546 | 15.527 | 15.554 | VV | 900 | 10135 | 0.10% | 0.003% | |
| 247 | 15.583 | 15.554 | 15.606 | VV | 1991 | 36552 | 0.37% | 0.010% | |
| 248 | 15.624 | 15.606 | 15.650 | VV | 1152 | 14249 | 0.15% | 0.004% | |
| 249 | 15.665 | 15.650 | 15.679 | PV | 343 | 3228 | 0.03% | 0.001% | |
| 250 | 15.686 | 15.679 | 15.698 | VV | 172 | 1327 | 0.01% | 0.000% | |
| 251 | 15.746 | 15.698 | 15.782 | VV | 1459 | 40223 | 0.41% | 0.011% | |
| 252 | 15.821 | 15.782 | 15.849 | VV | 1255 | 32819 | 0.33% | 0.009% | |
| 253 | 15.869 | 15.849 | 15.891 | VV | 2094 | 35501 | 0.36% | 0.009% | |
| 254 | 15.904 | 15.891 | 15.924 | VV | 1080 | 20723 | 0.21% | 0.005% | |
| 255 | 15.999 | 15.924 | 16.040 | VV | 352543 | 4658366 | 47.54% | 1.231% | |
| 256 | 16.061 | 16.040 | 16.089 | VV | 1885 | 43695 | 0.45% | 0.012% | |
| 257 | 16.128 | 16.089 | 16.137 | VV | 2233 | 52106 | 0.53% | 0.014% | |
| 258 | 16.167 | 16.137 | 16.186 | VV | 3457 | 86269 | 0.88% | 0.023% | |
| 259 | 16.216 | 16.186 | 16.257 | VV | 5362 | 180960 | 1.85% | 0.048% | |
| 260 | 16.283 | 16.257 | 16.317 | VV | 6769 | 175695 | 1.79% | 0.046% | |
| 261 | 16.365 | 16.317 | 16.391 | VV | 14083 | 332769 | 3.40% | 0.088% | |
| 262 | 16.420 | 16.391 | 16.438 | VV | 4771 | 120800 | 1.23% | 0.032% | |
| 263 | 16.481 | 16.438 | 16.497 | VV | 320172 | 4929789 | 50.31% | 1.302% | |
| 264 | 16.515 | 16.497 | 16.587 | VV | 383112 | 4769034 | 48.67% | 1.260% | |
| 265 | 16.606 | 16.587 | 16.623 | VV | 3411 | 57131 | 0.58% | 0.015% | |
| 266 | 16.641 | 16.623 | 16.701 | VV | 3105 | 85508 | 0.87% | 0.023% | |
| 267 | 16.724 | 16.701 | 16.752 | VV | 3962 | 60206 | 0.61% | 0.016% | |

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|---|---|---|---|---|---|---|---|---|---|
| 268 | 16.790 | 16.752 | 16.820 | VV | 12503 | 262411 | | | |
| 269 | 16.863 | 16.820 | 16.893 | VV | 361287 | 459380 | | | |
| 270 | 16.948 | 16.893 | 16.981 | VV | 329234 | 441810 | | | |
| 271 | 16.999 | 16.981 | 17.008 | VV | 5023 | 60696 | 0.62% | 0.016% | |
| 272 | 17.023 | 17.008 | 17.058 | VV | 6635 | 95537 | 0.97% | 0.025% | |
| 273 | 17.095 | 17.058 | 17.130 | VV | 893 | 18685 | 0.19% | 0.005% | |
| 274 | 17.163 | 17.130 | 17.204 | VV | 3907 | 67292 | 0.69% | 0.018% | |
| 275 | 17.219 | 17.204 | 17.274 | VV | 1002 | 28618 | 0.29% | 0.008% | |
| 276 | 17.309 | 17.274 | 17.361 | VV | 13962 | 234386 | 2.39% | 0.062% | |
| 277 | 17.398 | 17.361 | 17.422 | VV | 11048 | 165210 | 1.69% | 0.044% | |
| 278 | 17.438 | 17.422 | 17.464 | VV | 2865 | 41707 | 0.43% | 0.011% | |
| 279 | 17.480 | 17.464 | 17.497 | VV | 778 | 12621 | 0.13% | 0.003% | |
| 280 | 17.505 | 17.497 | 17.541 | VV | 786 | 16535 | 0.17% | 0.004% | |
| 281 | 17.556 | 17.541 | 17.591 | VV | 488 | 7794 | 0.08% | 0.002% | |
| 282 | 17.623 | 17.591 | 17.651 | PV | 655 | 13203 | 0.13% | 0.003% | |
| 283 | 17.682 | 17.651 | 17.698 | VV | 619 | 11763 | 0.12% | 0.003% | |
| 284 | 17.726 | 17.698 | 17.745 | VV | 3523 | 53173 | 0.54% | 0.014% | |
| 285 | 17.765 | 17.745 | 17.790 | VV | 3113 | 54661 | 0.56% | 0.014% | |
| 286 | 17.839 | 17.790 | 17.875 | VV | 303490 | 4309366 | 43.98% | 1.139% | |
| 287 | 17.926 | 17.875 | 17.969 | VV | 5157 | 124366 | 1.27% | 0.033% | |
| 288 | 18.017 | 17.969 | 18.043 | VV | 1734 | 57904 | 0.59% | 0.015% | |
| 289 | 18.076 | 18.043 | 18.106 | VV | 2133 | 57276 | 0.58% | 0.015% | |
| 290 | 18.238 | 18.106 | 18.253 | VV | 331918 | 5422086 | 55.33% | 1.432% | |
| 291 | 18.275 | 18.253 | 18.318 | VV | 344123 | 4629109 | 47.24% | 1.223% | |
| 292 | 18.386 | 18.318 | 18.437 | VV | 4796 | 214677 | 2.19% | 0.057% | |
| 293 | 18.496 | 18.437 | 18.546 | VV | 320030 | 4482422 | 45.75% | 1.184% | |

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|---|---|---|---|---|---|---|---|---|---|
| 294 | 18.561 | 18.546 | 18.579 | VV | 2162 | 39997 | | | |
| 295 | 18.612 | 18.579 | 18.631 | VV | 3387 | 81213 | | | |
| 296 | 18.672 | 18.631 | 18.729 | VV | 300494 | 4307307 | 43.96% | 1.138% | |
| 297 | 18.772 | 18.729 | 18.815 | VV | 5912 | 195050 | 1.99% | 0.052% | |
| 298 | 18.835 | 18.815 | 18.861 | VV | 4106 | 91891 | 0.94% | 0.024% | |
| 299 | 18.883 | 18.861 | 18.904 | VV | 3642 | 79265 | 0.81% | 0.021% | |
| 300 | 18.921 | 18.904 | 18.931 | VV | 3006 | 47006 | 0.48% | 0.012% | |
| 301 | 18.959 | 18.931 | 18.981 | VV | 4526 | 111902 | 1.14% | 0.030% | |
| 302 | 19.024 | 18.981 | 19.049 | VV | 19873 | 435860 | 4.45% | 0.115% | |
| 303 | 19.072 | 19.049 | 19.128 | VV | 19365 | 448560 | 4.58% | 0.119% | |
| 304 | 19.161 | 19.128 | 19.185 | VV | 5574 | 160120 | 1.63% | 0.042% | |
| 305 | 19.209 | 19.185 | 19.243 | VV | 7718 | 185741 | 1.90% | 0.049% | |
| 306 | 19.265 | 19.243 | 19.291 | VV | 4941 | 121003 | 1.23% | 0.032% | |
| 307 | 19.324 | 19.291 | 19.347 | VV | 6115 | 176710 | 1.80% | 0.047% | |
| 308 | 19.362 | 19.347 | 19.391 | VV | 5629 | 127928 | 1.31% | 0.034% | |
| 309 | 19.457 | 19.391 | 19.506 | VV | 292958 | 4510405 | 46.03% | 1.192% | |
| 310 | 19.525 | 19.506 | 19.538 | VV | 5662 | 101770 | 1.04% | 0.027% | |
| 311 | 19.561 | 19.538 | 19.594 | VV | 6919 | 181404 | 1.85% | 0.048% | |
| 312 | 19.633 | 19.594 | 19.671 | VV | 6709 | 239828 | 2.45% | 0.063% | |
| 313 | 19.700 | 19.671 | 19.718 | VV | 6099 | 149233 | 1.52% | 0.039% | |
| 314 | 19.740 | 19.718 | 19.771 | VV | 6775 | 190894 | 1.95% | 0.050% | |
| 315 | 19.827 | 19.771 | 19.856 | VV | 11513 | 408196 | 4.17% | 0.108% | |
| 316 | 19.864 | 19.856 | 19.901 | VV | 5573 | 144846 | 1.48% | 0.038% | |
| 317 | 19.929 | 19.901 | 19.951 | VV | 5534 | 152835 | 1.56% | 0.040% | |
| 318 | 19.995 | 19.951 | 20.033 | VV | 8471 | 317161 | 3.24% | 0.084% | |
| 319 | 20.100 | 20.033 | 20.133 | VV | 10522 | 419149 | 4.28% | 0.111% | |

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|---|---|---|---|---|---|---|---|---|---|
| 320 | 20.199 | 20.133 | 20.280 | VV | 280696 | 448439 | | | |
| 321 | 20.361 | 20.280 | 20.407 | VV | 8964 | 512793 | | | |
| 322 | 20.466 | 20.407 | 20.498 | VV | 6604 | 327908 | 3.35% | 0.087% | |
| 323 | 20.556 | 20.498 | 20.601 | VV | 8743 | 419927 | 4.29% | 0.111% | |
| 324 | 20.624 | 20.601 | 20.654 | VV | 5932 | 178491 | 1.82% | 0.047% | |
| 325 | 20.669 | 20.654 | 20.708 | VV | 5584 | 169174 | 1.73% | 0.045% | |
| 326 | 20.746 | 20.708 | 20.794 | VV | 5137 | 247647 | 2.53% | 0.065% | |
| 327 | 20.802 | 20.794 | 20.832 | VV | 4316 | 95869 | 0.98% | 0.025% | |
| 328 | 20.841 | 20.832 | 20.850 | VV | 4242 | 45104 | 0.46% | 0.012% | |
| 329 | 20.873 | 20.850 | 20.908 | VV | 4384 | 144631 | 1.48% | 0.038% | |
| 330 | 20.968 | 20.908 | 21.129 | VV | 221023 | 4543902 | 46.37% | 1.200% | |
| 331 | 21.169 | 21.129 | 21.208 | VV | 3878 | 158382 | 1.62% | 0.042% | |
| 332 | 21.225 | 21.208 | 21.234 | VV | 2956 | 46535 | 0.47% | 0.012% | |
| 333 | 21.301 | 21.234 | 21.333 | VV | 3041 | 175469 | 1.79% | 0.046% | |
| 334 | 21.350 | 21.333 | 21.367 | VV | 2915 | 58429 | 0.60% | 0.015% | |
| 335 | 21.415 | 21.367 | 21.528 | VV | 4711 | 306501 | 3.13% | 0.081% | |
| 336 | 21.536 | 21.528 | 21.598 | VV | 2404 | 94371 | 0.96% | 0.025% | |
| 337 | 21.612 | 21.598 | 21.651 | VV | 2231 | 68052 | 0.69% | 0.018% | |
| 338 | 21.667 | 21.651 | 21.701 | VV | 2119 | 55507 | 0.57% | 0.015% | |
| 339 | 21.752 | 21.701 | 21.821 | VV | 2133 | 123479 | 1.26% | 0.033% | |
| 340 | 21.841 | 21.821 | 21.868 | VV | 1795 | 44638 | 0.46% | 0.012% | |
| 341 | 21.936 | 21.868 | 22.060 | VV | 161245 | 4136469 | 42.21% | 1.093% | |
| 342 | 22.152 | 22.060 | 22.162 | VV | 1635 | 57930 | 0.59% | 0.015% | |
| 343 | 22.195 | 22.162 | 22.247 | VV | 1712 | 72048 | 0.74% | 0.019% | |
| 344 | 22.258 | 22.247 | 22.336 | VV | 988 | 31915 | 0.33% | 0.008% | |
| 345 | 22.344 | 22.336 | 22.369 | VV | 243 | 4024 | 0.04% | 0.001% | |

**Instrument :**
FID_C
**ClientSampleId :**
GCAP1MS

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

rteres

346 22.378 22.369 22.422 VV 168 3301 0

Sum of corrected areas: 378508673

Aliphatic EPH 061825.M Wed Jun 25 01:24:31 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062425AL\
Data File : FC069272.D
Signal(s) : FID1A.ch
Acq On : 24 Jun 2025 17:45
Operator : YP/AJ
Sample : Q2363-01MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Jun 25 00:41:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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

**Instrument :**
FID_C
**ClientSampleId :**
GCAP1MSD

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Supervised By :mohammad ahmed 06/26/2025

| | Compound | R.T. | Response | Conc Units |
|---|---|---|---|---|
| | **System Monitoring Compounds** | | | |
| 9) S | ortho-Terphenyl (SURR) | 11.680 | 4302738 | 24.906 ug/ml |
| Spiked Amount | 50.000 | | Recovery = | 49.81% |
| 12) S | 1-chlorooctadecane (S... | 13.115 | 3439876 | 26.331 ug/ml |
| Spiked Amount | 50.000 | | Recovery = | 52.66% |
| | **Target Compounds** | | | |
| 1) T | n-Nonane (C9) | 3.422 | 5181775 | 36.435 ug/mlm |
| 2) T | n-Decane (C10) | 4.489 | 5633862 | 38.484 ug/mlm |
| 3) T | A~Naphthalene (C11.7) | 6.081 | 6777479 | 42.124 ug/mlm |
| 4) T | n-Dodecane (C12) | 6.510 | 5793128 | 38.257 ug/mlm |
| 5) T | A~2-methylnaphthalene... | 7.140 | 6392161 | 40.393 ug/mlm |
| 6) T | n-Tetradecane (C14) | 8.309 | 5677398 | 36.627 ug/mlm |
| 7) T | n-Hexadecane (C16) | 9.912 | 5508776 | 33.710 ug/ml |
| 8) T | n-Octadecane (C18) | 11.358 | 5226782 | 32.013 ug/ml |
| 10) T | n-Eicosane (C20) | 12.671 | 5164018 | 33.831 ug/ml |
| 11) T | n-Heneicosane (C21) | 13.284 | 4862028 | 32.987 ug/ml |
| 13) T | n-Docosane (C22) | 13.870 | 4737844 | 32.929 ug/ml |
| 14) T | n-Tetracosane (C24) | 14.968 | 9068396 | 65.746 ug/ml |
| 15) T | n-Hexacosane (C26) | 15.999 | 4263978 | 32.618 ug/ml |
| 16) T | n-Octacosane (C28) | 16.950 | 4051199 | 32.849 ug/ml |
| 17) T | n-Tricontane (C30) | 17.839 | 3848973 | 32.376 ug/ml |
| 18) T | n-Dotriacontane (C32) | 18.672 | 3785101 | 34.619 ug/ml |
| 19) T | n-Tetratriacontane (C34) | 19.457 | 3781319 | 39.158 ug/ml |
| 20) T | n-Hexatriacontane (C36) | 20.199 | 3616469 | 43.883 ug/ml |
| 21) T | n-Octatriacontane (C38) | 20.968 | 3724943 | 49.845 ug/ml |
| 22) T | n-Tetracontane (C40) | 21.937 | 3693685 | 52.159 ug/mlm |

(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062425AL\
Data File : FC069272.D
Signal(s) : FID1A.ch
Acq On : 24 Jun 2025 17:45
Operator : YP/AJ
Sample : Q2363-01MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

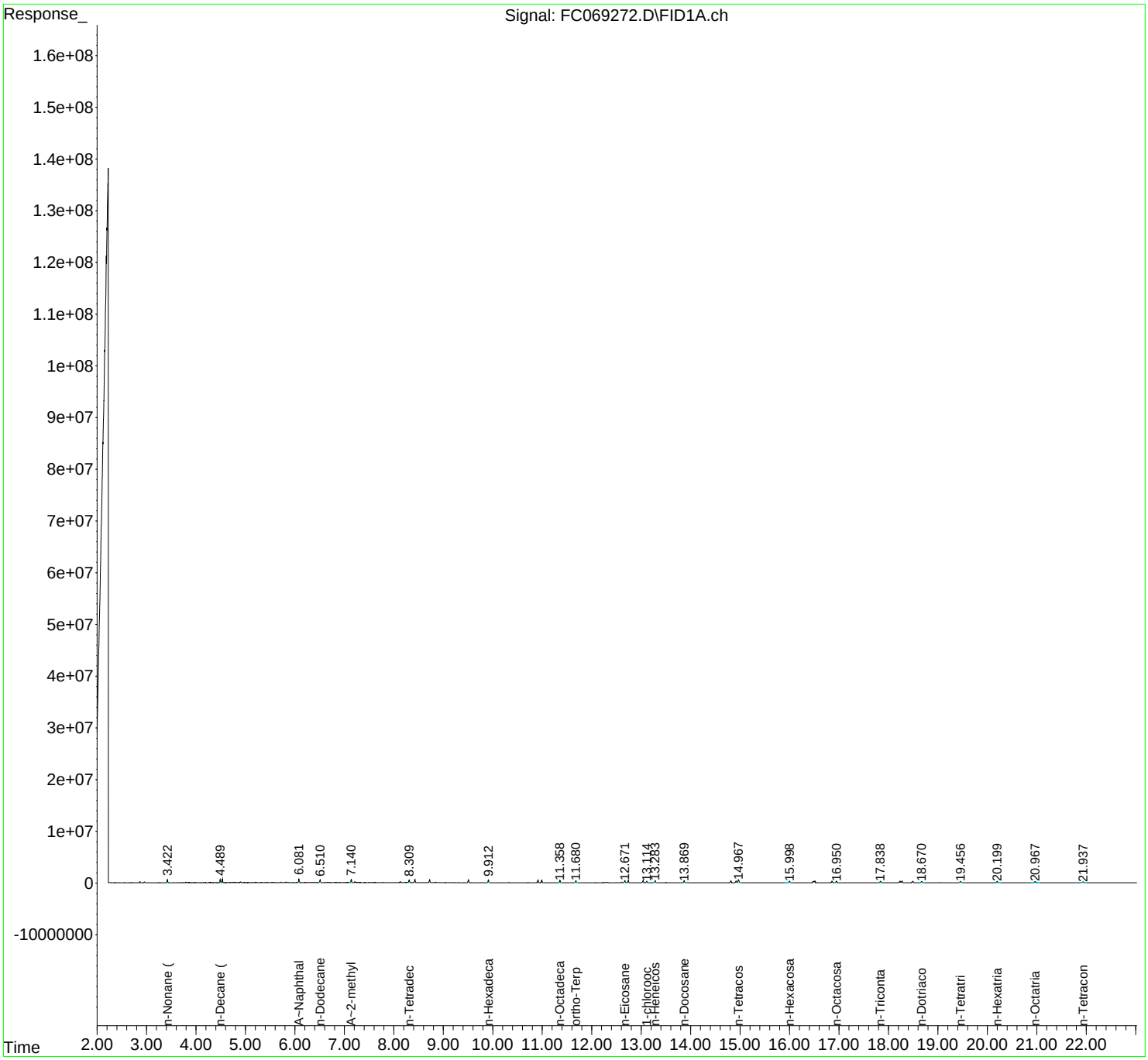
**Instrument :**
FID_C
**ClientSampleId :**
GCAP1MSD

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

Integration File: autoint1.e
Quant Time: Jun 25 00:41:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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



**Instrument :**
FID_C
**ClientSampleId :**
GCAP1MSD

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

rteres
Area Percent Repor

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data
Data File : FC069272.D
Signal(s) : FID1A.ch
Acq On : 24 Jun 2025 17:45
Sample : Q2363-01MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Title : GC Extractables

Signal : FID1A.ch

| peak # | R.T. min | Start min | End min | PK TY | peak height | peak area | % max. | % of total |
|---|---|---|---|---|---|---|---|---|
| 1 | 3.247 | 3.204 | 3.262 | BV | 38110 | 440378 | 4.84% | 0.124% |
| 2 | 3.272 | 3.262 | 3.291 | VV | 20758 | 181788 | 2.00% | 0.051% |
| 3 | 3.319 | 3.291 | 3.347 | VV | 4952 | 77614 | 0.85% | 0.022% |
| 4 | 3.373 | 3.347 | 3.383 | PV | 3392 | 30777 | 0.34% | 0.009% |
| 5 | 3.422 | 3.383 | 3.461 | VV | 615029 | 5470226 | 60.18% | 1.539% |
| 6 | 3.472 | 3.461 | 3.503 | VV | 8252 | 98535 | 1.08% | 0.028% |
| 7 | 3.522 | 3.503 | 3.531 | VV | 4955 | 44316 | 0.49% | 0.012% |
| 8 | 3.550 | 3.531 | 3.564 | VV | 30912 | 319136 | 3.51% | 0.090% |
| 9 | 3.573 | 3.564 | 3.587 | VV | 18671 | 180910 | 1.99% | 0.051% |

**Instrument :**
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| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 10 | 3.622 | 3.587 | 3.652 | VV | 25072 | 490010 | 5 | | |
| 11 | 3.689 | 3.652 | 3.722 | VV | 71572 | 1039674 | 1 | | |
| 12 | 3.749 | 3.722 | 3.766 | VV | 26724 | 406299 | 4.47% | 0.114% | |
| 13 | 3.793 | 3.766 | 3.816 | VV | 122666 | 1428025 | 15.71% | 0.402% | |
| 14 | 3.827 | 3.816 | 3.838 | VV | 33876 | 368287 | 4.05% | 0.104% | |
| 15 | 3.865 | 3.838 | 3.902 | VV | 78388 | 1255270 | 13.81% | 0.353% | |
| 16 | 3.917 | 3.902 | 3.946 | VV | 24319 | 347073 | 3.82% | 0.098% | |
| 17 | 3.964 | 3.946 | 3.982 | VV | 65171 | 587032 | 6.46% | 0.165% | |
| 18 | 4.009 | 3.982 | 4.057 | VV | 56921 | 1263293 | 13.90% | 0.355% | |
| 19 | 4.084 | 4.057 | 4.102 | VV | 24788 | 379233 | 4.17% | 0.107% | |
| 20 | 4.119 | 4.102 | 4.133 | VV | 31902 | 410850 | 4.52% | 0.116% | |
| 21 | 4.152 | 4.133 | 4.171 | VV | 48635 | 749605 | 8.25% | 0.211% | |
| 22 | 4.186 | 4.171 | 4.208 | VV | 76906 | 843835 | 9.28% | 0.237% | |
| 23 | 4.269 | 4.208 | 4.281 | VV | 70175 | 1184149 | 13.03% | 0.333% | |
| 24 | 4.296 | 4.281 | 4.320 | VV | 89266 | 1092360 | 12.02% | 0.307% | |
| 25 | 4.333 | 4.320 | 4.346 | VV | 32647 | 385221 | 4.24% | 0.108% | |
| 26 | 4.352 | 4.346 | 4.372 | VV | 21273 | 200364 | 2.20% | 0.056% | |
| 27 | 4.405 | 4.372 | 4.424 | VV | 46511 | 761223 | 8.37% | 0.214% | |
| 28 | 4.446 | 4.424 | 4.465 | VV | 46426 | 749736 | 8.25% | 0.211% | |
| 29 | 4.490 | 4.465 | 4.511 | VV | 628112 | 5850728 | 64.36% | 1.646% | |
| 30 | 4.533 | 4.511 | 4.579 | VV | 716039 | 6762409 | 74.39% | 1.902% | |
| 31 | 4.596 | 4.579 | 4.614 | VV | 21773 | 386347 | 4.25% | 0.109% | |
| 32 | 4.644 | 4.614 | 4.675 | VV | 57816 | 1449334 | 15.94% | 0.408% | |
| 33 | 4.690 | 4.675 | 4.705 | VV | 74675 | 952872 | 10.48% | 0.268% | |
| 34 | 4.715 | 4.705 | 4.726 | VV | 42475 | 476530 | 5.24% | 0.134% | |
| 35 | 4.742 | 4.726 | 4.758 | VV | 107530 | 1139325 | 12.53% | 0.320% | |

**Instrument :**
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GCAP1MSD

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**Manual IntegrationsAPPROVED**

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| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 36 | 4.773 | 4.758 | 4.786 | VV | 102185 | 1097821 | | |
| 37 | 4.796 | 4.786 | 4.811 | VV | 67943 | 807780 | 8 | |
| 38 | 4.820 | 4.811 | 4.832 | VV | 51604 | 534935 | 5.88% | 0.150% |
| 39 | 4.861 | 4.832 | 4.878 | VV | 75370 | 1249149 | 13.74% | 0.351% |
| 40 | 4.901 | 4.878 | 4.927 | VV | 138183 | 1976338 | 21.74% | 0.556% |
| 41 | 4.936 | 4.927 | 4.945 | VV | 28479 | 286558 | 3.15% | 0.081% |
| 42 | 4.966 | 4.945 | 4.988 | VV | 100124 | 1327013 | 14.60% | 0.373% |
| 43 | 5.010 | 4.988 | 5.024 | VV | 46026 | 710915 | 7.82% | 0.200% |
| 44 | 5.039 | 5.024 | 5.071 | VV | 52655 | 1011469 | 11.13% | 0.284% |
| 45 | 5.120 | 5.071 | 5.154 | VV | 49770 | 1456381 | 16.02% | 0.410% |
| 46 | 5.184 | 5.154 | 5.194 | VV | 65388 | 890588 | 9.80% | 0.250% |
| 47 | 5.208 | 5.194 | 5.222 | VV | 91340 | 1058015 | 11.64% | 0.298% |
| 48 | 5.232 | 5.222 | 5.272 | VV | 54530 | 1184007 | 13.02% | 0.333% |
| 49 | 5.286 | 5.272 | 5.306 | VV | 33024 | 536074 | 5.90% | 0.151% |
| 50 | 5.328 | 5.306 | 5.375 | VV | 82411 | 1990694 | 21.90% | 0.560% |
| 51 | 5.388 | 5.375 | 5.404 | VV | 56366 | 758656 | 8.35% | 0.213% |
| 52 | 5.420 | 5.404 | 5.434 | VV | 62602 | 788285 | 8.67% | 0.222% |
| 53 | 5.451 | 5.434 | 5.503 | VV | 57317 | 1602824 | 17.63% | 0.451% |
| 54 | 5.531 | 5.503 | 5.541 | VV | 73105 | 1084048 | 11.93% | 0.305% |
| 55 | 5.555 | 5.541 | 5.580 | VV | 93098 | 1303074 | 14.33% | 0.366% |
| 56 | 5.597 | 5.580 | 5.609 | VV | 49096 | 612031 | 6.73% | 0.172% |
| 57 | 5.617 | 5.609 | 5.633 | VV | 38530 | 442902 | 4.87% | 0.125% |
| 58 | 5.662 | 5.633 | 5.672 | VV | 35949 | 729274 | 8.02% | 0.205% |
| 59 | 5.683 | 5.672 | 5.693 | VV | 37388 | 449426 | 4.94% | 0.126% |
| 60 | 5.714 | 5.693 | 5.754 | VV | 127654 | 2241087 | 24.65% | 0.630% |

**Instrument :**
FID_C
**ClientSampleId :**
GCAP1MSD

rteres

**Manual IntegrationsAPPROVED**

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Supervised By :mohammad ahmed 06/26/2025

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 61 | 5.773 | 5.754 | 5.788 | VV | 38677 | 695644 | 7 | | |
| 62 | 5.825 | 5.788 | 5.848 | VV | 109072 | 2571536 | | | |
| 63 | 5.865 | 5.848 | 5.907 | VV | 81563 | 1585408 | 1 | | |
| 64 | 5.936 | 5.907 | 5.961 | VV | 50385 | 1129753 | 12.43% | 0.318% | |
| 65 | 5.984 | 5.961 | 6.008 | VV | 52898 | 903422 | 9.94% | 0.254% | |
| 66 | 6.030 | 6.008 | 6.053 | VV | 62531 | 1183822 | 13.02% | 0.333% | |
| 67 | 6.081 | 6.053 | 6.143 | VV | 751185 | 8342258 | 91.77% | 2.346% | |
| 68 | 6.182 | 6.143 | 6.195 | VV | 51193 | 1171541 | 12.89% | 0.329% | |
| 69 | 6.212 | 6.195 | 6.240 | VV | 63619 | 1308414 | 14.39% | 0.368% | |
| 70 | 6.263 | 6.240 | 6.281 | VV | 49781 | 1016946 | 11.19% | 0.286% | |
| 71 | 6.296 | 6.281 | 6.308 | VV | 52072 | 701981 | 7.72% | 0.197% | |
| 72 | 6.347 | 6.308 | 6.370 | VV | 62082 | 1915953 | 21.08% | 0.539% | |
| 73 | 6.389 | 6.370 | 6.411 | VV | 68412 | 1179360 | 12.97% | 0.332% | |
| 74 | 6.439 | 6.411 | 6.455 | VV | 55159 | 1132785 | 12.46% | 0.319% | |
| 75 | 6.466 | 6.455 | 6.480 | VV | 46699 | 626252 | 6.89% | 0.176% | |
| 76 | 6.510 | 6.480 | 6.558 | VV | 596756 | 7111590 | 78.23% | 2.000% | |
| 77 | 6.599 | 6.558 | 6.615 | VV | 45257 | 1228710 | 13.52% | 0.346% | |
| 78 | 6.627 | 6.615 | 6.637 | VV | 39050 | 480745 | 5.29% | 0.135% | |
| 79 | 6.658 | 6.637 | 6.681 | VV | 96271 | 1564670 | 17.21% | 0.440% | |
| 80 | 6.707 | 6.681 | 6.722 | VV | 66722 | 1257395 | 13.83% | 0.354% | |
| 81 | 6.730 | 6.722 | 6.763 | VV | 43551 | 844891 | 9.29% | 0.238% | |
| 82 | 6.787 | 6.763 | 6.809 | VV | 60254 | 1202343 | 13.23% | 0.338% | |
| 83 | 6.834 | 6.809 | 6.873 | VV | 86201 | 1868695 | 20.56% | 0.526% | |
| 84 | 6.910 | 6.873 | 6.931 | VV | 56307 | 1403777 | 15.44% | 0.395% | |
| 85 | 6.971 | 6.931 | 6.995 | VV | 48458 | 1415305 | 15.57% | 0.398% | |
| 86 | 7.016 | 6.995 | 7.025 | VV | 50715 | 755336 | 8.31% | 0.212% | |

**Instrument :**
FID_C
**ClientSampleId :**
GCAP1MSD

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**Manual IntegrationsAPPROVED**

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| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 87 | 7.040 | 7.025 | 7.055 | VV | 62550 | 929919 | 1( | |
| 88 | 7.072 | 7.055 | 7.100 | VV | 66421 | 1282910 | 1 | |
| 89 | 7.140 | 7.100 | 7.190 | VV | 652481 | 8038411 | | |
| 90 | 7.213 | 7.190 | 7.255 | VV | 199774 | 3272240 | 36.00% | 0.920% |
| 91 | 7.272 | 7.255 | 7.296 | VV | 93539 | 1476138 | 16.24% | 0.415% |
| 92 | 7.315 | 7.296 | 7.334 | VV | 64457 | 1046688 | 11.51% | 0.294% |
| 93 | 7.344 | 7.334 | 7.378 | VV | 38245 | 933481 | 10.27% | 0.263% |
| 94 | 7.401 | 7.378 | 7.467 | VV | 48709 | 2114828 | 23.26% | 0.595% |
| 95 | 7.488 | 7.467 | 7.511 | VV | 46587 | 1088049 | 11.97% | 0.306% |
| 96 | 7.527 | 7.511 | 7.561 | VV | 49169 | 1271358 | 13.99% | 0.358% |
| 97 | 7.573 | 7.561 | 7.583 | VV | 43881 | 539667 | 5.94% | 0.152% |
| 98 | 7.610 | 7.583 | 7.636 | VV | 65539 | 1590431 | 17.50% | 0.447% |
| 99 | 7.654 | 7.636 | 7.679 | VV | 39509 | 930538 | 10.24% | 0.262% |
| 100 | 7.694 | 7.679 | 7.712 | VV | 37141 | 628526 | 6.91% | 0.177% |
| 101 | 7.776 | 7.712 | 7.834 | VV | 67553 | 2842788 | 31.27% | 0.800% |
| 102 | 7.862 | 7.834 | 7.884 | VV | 39385 | 1022252 | 11.25% | 0.288% |
| 103 | 7.910 | 7.884 | 7.930 | VV | 37164 | 958179 | 10.54% | 0.269% |
| 104 | 7.956 | 7.930 | 7.973 | VV | 38081 | 904333 | 9.95% | 0.254% |
| 105 | 8.015 | 7.973 | 8.046 | VV | 48831 | 1779919 | 19.58% | 0.501% |
| 106 | 8.057 | 8.046 | 8.083 | VV | 37301 | 775209 | 8.53% | 0.218% |
| 107 | 8.130 | 8.083 | 8.203 | VV | 191094 | 4226499 | 46.49% | 1.189% |
| 108 | 8.237 | 8.203 | 8.252 | VV | 79673 | 1539018 | 16.93% | 0.433% |
| 109 | 8.265 | 8.252 | 8.282 | VV | 69317 | 961722 | 10.58% | 0.270% |
| 110 | 8.310 | 8.282 | 8.336 | VV | 561589 | 6580141 | 72.39% | 1.851% |
| 111 | 8.355 | 8.336 | 8.375 | VV | 53299 | 961586 | 10.58% | 0.270% |
| 112 | 8.426 | 8.375 | 8.463 | VV | 653542 | 8220955 | 90.44% | 2.312% |

**Instrument :**
FID_C
**ClientSampleId :**
GCAP1MSD

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**Manual IntegrationsAPPROVED**

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| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 113 | 8.477 | 8.463 | 8.493 | VV | 46625 | 725454 | | |
| 114 | 8.505 | 8.493 | 8.519 | VV | 35512 | 544491 | | |
| 115 | 8.529 | 8.519 | 8.545 | VV | 35288 | 509685 | | |
| 116 | 8.558 | 8.545 | 8.572 | VV | 32554 | 466634 | 5.13% | 0.131% |
| 117 | 8.596 | 8.572 | 8.620 | VV | 40079 | 939920 | 10.34% | 0.264% |
| 118 | 8.633 | 8.620 | 8.647 | VV | 28421 | 416036 | 4.58% | 0.117% |
| 119 | 8.668 | 8.647 | 8.685 | VV | 41565 | 735189 | 8.09% | 0.207% |
| 120 | 8.723 | 8.685 | 8.750 | VV | 636456 | 7244222 | 79.69% | 2.037% |
| 121 | 8.772 | 8.750 | 8.791 | VV | 39147 | 759343 | 8.35% | 0.214% |
| 122 | 8.845 | 8.791 | 8.871 | VV | 130555 | 2462253 | 27.09% | 0.693% |
| 123 | 8.884 | 8.871 | 8.907 | VV | 26948 | 534631 | 5.88% | 0.150% |
| 124 | 8.923 | 8.907 | 8.939 | VV | 24343 | 425739 | 4.68% | 0.120% |
| 125 | 8.958 | 8.939 | 8.976 | VV | 34070 | 622648 | 6.85% | 0.175% |
| 126 | 8.992 | 8.976 | 9.014 | VV | 35783 | 644675 | 7.09% | 0.181% |
| 127 | 9.025 | 9.014 | 9.043 | VV | 22699 | 369259 | 4.06% | 0.104% |
| 128 | 9.079 | 9.043 | 9.095 | VV | 31412 | 785187 | 8.64% | 0.221% |
| 129 | 9.126 | 9.095 | 9.144 | VV | 32931 | 783481 | 8.62% | 0.220% |
| 130 | 9.166 | 9.144 | 9.200 | VV | 34960 | 855848 | 9.41% | 0.241% |
| 131 | 9.215 | 9.200 | 9.240 | VV | 25441 | 504308 | 5.55% | 0.142% |
| 132 | 9.283 | 9.240 | 9.301 | VV | 26398 | 744636 | 8.19% | 0.209% |
| 133 | 9.315 | 9.301 | 9.346 | VV | 21296 | 442469 | 4.87% | 0.124% |
| 134 | 9.364 | 9.346 | 9.382 | VV | 16862 | 331247 | 3.64% | 0.093% |
| 135 | 9.420 | 9.382 | 9.446 | VV | 23544 | 667019 | 7.34% | 0.188% |
| 136 | 9.460 | 9.446 | 9.476 | VV | 15926 | 259474 | 2.85% | 0.073% |
| 137 | 9.509 | 9.476 | 9.556 | VV | 601805 | 6773230 | 74.51% | 1.905% |
| 138 | 9.583 | 9.556 | 9.614 | VV | 26487 | 597871 | 6.58% | 0.168% |

**Instrument :**
FID_C
**ClientSampleId :**
GCAP1MSD

**Manual IntegrationsAPPROVED**

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rteres

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 139 | 9.625 | 9.614 | 9.634 | VV | 11638 | 136684 | | |
| 140 | 9.668 | 9.634 | 9.699 | VV | 16296 | 537946 | | |
| 141 | 9.717 | 9.699 | 9.739 | VV | 17593 | 327134 | 3.60% | 0.092% |
| 142 | 9.748 | 9.739 | 9.756 | VV | 9931 | 101054 | 1.11% | 0.028% |
| 143 | 9.780 | 9.756 | 9.804 | VV | 39801 | 563278 | 6.20% | 0.158% |
| 144 | 9.826 | 9.804 | 9.842 | VV | 12210 | 229839 | 2.53% | 0.065% |
| 145 | 9.868 | 9.842 | 9.884 | VV | 13559 | 293945 | 3.23% | 0.083% |
| 146 | 9.912 | 9.884 | 9.961 | VV | 517248 | 5845645 | 64.31% | 1.644% |
| 147 | 9.994 | 9.961 | 10.006 | VV | 9057 | 227305 | 2.50% | 0.064% |
| 148 | 10.017 | 10.006 | 10.051 | VV | 8648 | 199486 | 2.19% | 0.056% |
| 149 | 10.085 | 10.051 | 10.106 | VV | 7318 | 193255 | 2.13% | 0.054% |
| 150 | 10.124 | 10.106 | 10.169 | VV | 5793 | 194974 | 2.14% | 0.055% |
| 151 | 10.189 | 10.169 | 10.209 | VV | 6081 | 119286 | 1.31% | 0.034% |
| 152 | 10.252 | 10.209 | 10.272 | VV | 6723 | 191210 | 2.10% | 0.054% |
| 153 | 10.323 | 10.272 | 10.370 | VV | 35297 | 895929 | 9.86% | 0.252% |
| 154 | 10.385 | 10.370 | 10.415 | VV | 6502 | 142403 | 1.57% | 0.040% |
| 155 | 10.447 | 10.415 | 10.469 | VV | 4550 | 126364 | 1.39% | 0.036% |
| 156 | 10.491 | 10.469 | 10.524 | VV | 9373 | 172515 | 1.90% | 0.049% |
| 157 | 10.555 | 10.524 | 10.568 | VV | 3768 | 92914 | 1.02% | 0.026% |
| 158 | 10.584 | 10.568 | 10.616 | VV | 4171 | 106489 | 1.17% | 0.030% |
| 159 | 10.650 | 10.616 | 10.665 | VV | 6108 | 121536 | 1.34% | 0.034% |
| 160 | 10.675 | 10.665 | 10.687 | VV | 4962 | 56438 | 0.62% | 0.016% |
| 161 | 10.721 | 10.687 | 10.848 | VV | 24357 | 633504 | 6.97% | 0.178% |
| 162 | 10.914 | 10.848 | 10.954 | VV | 524534 | 5946767 | 65.42% | 1.673% |
| 163 | 10.990 | 10.954 | 11.018 | VV | 513651 | 5620450 | 61.83% | 1.581% |
| 164 | 11.045 | 11.018 | 11.088 | VV | 3801 | 121489 | 1.34% | 0.034% |

**Instrument :**
FID_C
**ClientSampleId :**
GCAP1MSD

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**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 165 | 11.128 | 11.088 | 11.147 | VV | 3731 | 90580 | | | |
| 166 | 11.162 | 11.147 | 11.178 | VV | 3591 | 55848 | | | |
| 167 | 11.195 | 11.178 | 11.239 | VV | 4587 | 91539 | 1.01% | 0.026% | |
| 168 | 11.279 | 11.239 | 11.311 | VV | 18495 | 250349 | 2.75% | 0.070% | |
| 169 | 11.358 | 11.311 | 11.406 | VV | 471349 | 5331306 | 58.65% | 1.499% | |
| 170 | 11.447 | 11.406 | 11.484 | VV | 9119 | 200176 | 2.20% | 0.056% | |
| 171 | 11.517 | 11.484 | 11.536 | VV | 2973 | 74478 | 0.82% | 0.021% | |
| 172 | 11.548 | 11.536 | 11.564 | VV | 2082 | 32559 | 0.36% | 0.009% | |
| 173 | 11.614 | 11.564 | 11.643 | VV | 4787 | 129818 | 1.43% | 0.037% | |
| 174 | 11.680 | 11.643 | 11.728 | VV | 405765 | 4391285 | 48.31% | 1.235% | |
| 175 | 11.745 | 11.728 | 11.765 | VV | 4545 | 72902 | 0.80% | 0.021% | |
| 176 | 11.777 | 11.765 | 11.795 | VV | 2800 | 46186 | 0.51% | 0.013% | |
| 177 | 11.827 | 11.795 | 11.847 | VV | 5850 | 114646 | 1.26% | 0.032% | |
| 178 | 11.873 | 11.847 | 11.906 | VV | 18753 | 300935 | 3.31% | 0.085% | |
| 179 | 11.923 | 11.906 | 11.946 | VV | 4929 | 85746 | 0.94% | 0.024% | |
| 180 | 11.962 | 11.946 | 11.977 | VV | 3256 | 52765 | 0.58% | 0.015% | |
| 181 | 12.004 | 11.977 | 12.016 | VV | 6202 | 105608 | 1.16% | 0.030% | |
| 182 | 12.027 | 12.016 | 12.043 | VV | 6163 | 81097 | 0.89% | 0.023% | |
| 183 | 12.070 | 12.043 | 12.087 | VV | 21806 | 333121 | 3.66% | 0.094% | |
| 184 | 12.097 | 12.087 | 12.109 | VV | 14075 | 161972 | 1.78% | 0.046% | |
| 185 | 12.118 | 12.109 | 12.177 | VV | 12785 | 240147 | 2.64% | 0.068% | |
| 186 | 12.191 | 12.177 | 12.202 | VV | 3358 | 44791 | 0.49% | 0.013% | |
| 187 | 12.229 | 12.202 | 12.251 | VV | 48711 | 586936 | 6.46% | 0.165% | |
| 188 | 12.279 | 12.251 | 12.302 | VV | 102398 | 1348781 | 14.84% | 0.379% | |
| 189 | 12.326 | 12.302 | 12.373 | VV | 70145 | 934803 | 10.28% | 0.263% | |
| 190 | 12.397 | 12.373 | 12.471 | VV | 16467 | 343343 | 3.78% | 0.097% | |

**Instrument :**
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**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

rteres

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 191 | 12.496 | 12.471 | 12.548 | VV | 30041 | 420791 | | | |
| 192 | 12.608 | 12.548 | 12.635 | VV | 109108 | 133415 | | | |
| 193 | 12.671 | 12.635 | 12.702 | VV | 431103 | 5223253 | 57.46% | 1.469% | |
| 194 | 12.740 | 12.702 | 12.785 | VV | 473104 | 5382662 | 59.21% | 1.514% | |
| 195 | 12.820 | 12.785 | 12.881 | VV | 5358 | 163077 | 1.79% | 0.046% | |
| 196 | 12.921 | 12.881 | 12.967 | VV | 9433 | 175327 | 1.93% | 0.049% | |
| 197 | 13.039 | 12.967 | 13.082 | VV | 450773 | 5540731 | 60.95% | 1.558% | |
| 198 | 13.115 | 13.082 | 13.143 | VV | 280279 | 3480461 | 38.29% | 0.979% | |
| 199 | 13.155 | 13.143 | 13.184 | VV | 5676 | 80045 | 0.88% | 0.023% | |
| 200 | 13.229 | 13.184 | 13.247 | VV | 3895 | 77776 | 0.86% | 0.022% | |
| 201 | 13.284 | 13.247 | 13.318 | VV | 397223 | 4910402 | 54.02% | 1.381% | |
| 202 | 13.345 | 13.318 | 13.415 | VV | 7082 | 195010 | 2.15% | 0.055% | |
| 203 | 13.432 | 13.415 | 13.454 | VV | 1746 | 37316 | 0.41% | 0.010% | |
| 204 | 13.504 | 13.454 | 13.568 | VV | 44410 | 702412 | 7.73% | 0.198% | |
| 205 | 13.588 | 13.568 | 13.599 | VV | 3251 | 53863 | 0.59% | 0.015% | |
| 206 | 13.620 | 13.599 | 13.674 | VV | 10850 | 185799 | 2.04% | 0.052% | |
| 207 | 13.730 | 13.674 | 13.749 | VV | 3861 | 102279 | 1.13% | 0.029% | |
| 208 | 13.783 | 13.749 | 13.834 | VV | 3785 | 127828 | 1.41% | 0.036% | |
| 209 | 13.870 | 13.834 | 13.927 | VV | 371996 | 4803702 | 52.84% | 1.351% | |
| 210 | 13.938 | 13.927 | 13.958 | VV | 1665 | 23113 | 0.25% | 0.007% | |
| 211 | 13.992 | 13.958 | 14.008 | VV | 1494 | 34890 | 0.38% | 0.010% | |
| 212 | 14.042 | 14.008 | 14.064 | VV | 2358 | 53032 | 0.58% | 0.015% | |
| 213 | 14.077 | 14.064 | 14.088 | VV | 1541 | 18942 | 0.21% | 0.005% | |
| 214 | 14.109 | 14.088 | 14.121 | VV | 2624 | 38610 | 0.42% | 0.011% | |
| 215 | 14.139 | 14.121 | 14.194 | VV | 4963 | 83643 | 0.92% | 0.024% | |

**Instrument :**
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GCAP1MSD

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**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 216 | 14.259 | 14.194 | 14.281 | VV | 2501 | 58833 | | | |
| 217 | 14.308 | 14.281 | 14.340 | VV | 3730 | 68654 | | | |
| 218 | 14.356 | 14.340 | 14.408 | VV | 1416 | 32171 | | | |
| 219 | 14.433 | 14.408 | 14.458 | VV | 3208 | 48976 | 0.54% | 0.014% | |
| 220 | 14.487 | 14.458 | 14.508 | VV | 1682 | 38093 | 0.42% | 0.011% | |
| 221 | 14.537 | 14.508 | 14.553 | VV | 2227 | 44085 | 0.48% | 0.012% | |
| 222 | 14.598 | 14.553 | 14.621 | VV | 2619 | 69454 | 0.76% | 0.020% | |
| 223 | 14.655 | 14.621 | 14.703 | VV | 1840 | 49505 | 0.54% | 0.014% | |
| 224 | 14.746 | 14.703 | 14.776 | VV | 14211 | 188893 | 2.08% | 0.053% | |
| 225 | 14.813 | 14.776 | 14.848 | VV | 387247 | 4598202 | 50.58% | 1.293% | |
| 226 | 14.866 | 14.848 | 14.876 | VV | 834 | 10661 | 0.12% | 0.003% | |
| 227 | 14.920 | 14.876 | 14.940 | VV | 360934 | 4703380 | 51.74% | 1.323% | |
| 228 | 14.968 | 14.940 | 15.028 | VV | 612991 | 9090310 | 100.00% | 2.557% | |
| 229 | 15.045 | 15.028 | 15.058 | VV | 1330 | 16882 | 0.19% | 0.005% | |
| 230 | 15.074 | 15.058 | 15.094 | VV | 1368 | 18906 | 0.21% | 0.005% | |
| 231 | 15.112 | 15.094 | 15.131 | VV | 704 | 9512 | 0.10% | 0.003% | |
| 232 | 15.151 | 15.131 | 15.185 | VV | 750 | 10931 | 0.12% | 0.003% | |
| 233 | 15.209 | 15.185 | 15.241 | PV | 812 | 15086 | 0.17% | 0.004% | |
| 234 | 15.274 | 15.241 | 15.283 | VV | 894 | 14413 | 0.16% | 0.004% | |
| 235 | 15.299 | 15.283 | 15.318 | VV | 1279 | 18460 | 0.20% | 0.005% | |
| 236 | 15.350 | 15.318 | 15.416 | VV | 32745 | 464490 | 5.11% | 0.131% | |
| 237 | 15.437 | 15.416 | 15.468 | VV | 877 | 16833 | 0.19% | 0.005% | |
| 238 | 15.493 | 15.468 | 15.528 | VV | 4184 | 61019 | 0.67% | 0.017% | |
| 239 | 15.584 | 15.528 | 15.606 | VV | 1878 | 44579 | 0.49% | 0.013% | |
| 240 | 15.624 | 15.606 | 15.651 | VV | 885 | 11279 | 0.12% | 0.003% | |
| 241 | 15.669 | 15.651 | 15.684 | PV | 307 | 2699 | 0.03% | 0.001% | |

**Instrument :**
FID_C
**ClientSampleId :**
GCAP1MSD

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**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 242 | 15.748 | 15.684 | 15.783 | PV | 1373 | 36723 | | | |
| 243 | 15.821 | 15.783 | 15.849 | VV | 1117 | 30132 | | | |
| 244 | 15.870 | 15.849 | 15.901 | VV | 1990 | 39638 | | | |
| 245 | 15.999 | 15.901 | 16.039 | VV | 331520 | 4340287 | 47.75% | 1.221% | |
| 246 | 16.066 | 16.039 | 16.093 | VV | 1659 | 43708 | 0.48% | 0.012% | |
| 247 | 16.119 | 16.093 | 16.140 | VV | 1919 | 49349 | 0.54% | 0.014% | |
| 248 | 16.170 | 16.140 | 16.187 | VV | 3429 | 79629 | 0.88% | 0.022% | |
| 249 | 16.213 | 16.187 | 16.254 | VV | 4983 | 164127 | 1.81% | 0.046% | |
| 250 | 16.286 | 16.254 | 16.315 | VV | 6404 | 166746 | 1.83% | 0.047% | |
| 251 | 16.364 | 16.315 | 16.391 | VV | 13138 | 317543 | 3.49% | 0.089% | |
| 252 | 16.409 | 16.391 | 16.438 | VV | 4331 | 111805 | 1.23% | 0.031% | |
| 253 | 16.481 | 16.438 | 16.497 | VV | 300113 | 4503048 | 49.54% | 1.266% | |
| 254 | 16.514 | 16.497 | 16.539 | VV | 352284 | 4272949 | 47.01% | 1.202% | |
| 255 | 16.554 | 16.539 | 16.588 | VV | 6364 | 121924 | 1.34% | 0.034% | |
| 256 | 16.605 | 16.588 | 16.624 | VV | 3066 | 53201 | 0.59% | 0.015% | |
| 257 | 16.641 | 16.624 | 16.703 | VV | 2920 | 79543 | 0.88% | 0.022% | |
| 258 | 16.726 | 16.703 | 16.750 | VV | 3667 | 54704 | 0.60% | 0.015% | |
| 259 | 16.789 | 16.750 | 16.820 | VV | 12221 | 247284 | 2.72% | 0.070% | |
| 260 | 16.862 | 16.820 | 16.894 | VV | 319495 | 4221080 | 46.43% | 1.187% | |
| 261 | 16.950 | 16.894 | 16.981 | VV | 309107 | 4061430 | 44.68% | 1.142% | |
| 262 | 16.999 | 16.981 | 17.008 | VV | 4843 | 57504 | 0.63% | 0.016% | |
| 263 | 17.023 | 17.008 | 17.054 | VV | 6243 | 90114 | 0.99% | 0.025% | |
| 264 | 17.096 | 17.054 | 17.134 | VV | 804 | 17628 | 0.19% | 0.005% | |
| 265 | 17.164 | 17.134 | 17.204 | PV | 3597 | 63297 | 0.70% | 0.018% | |
| 266 | 17.215 | 17.204 | 17.266 | VV | 1034 | 24614 | 0.27% | 0.007% | |
| 267 | 17.310 | 17.266 | 17.365 | VV | 13744 | 223651 | 2.46% | 0.063% | |

**Instrument :**
FID_C
**ClientSampleId :**
GCAP1MSD

rteres

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 268 | 17.398 | 17.365 | 17.422 | VV | 6870 | 106958 | | |
| 269 | 17.439 | 17.422 | 17.464 | VV | 3090 | 39717 | | |
| 270 | 17.484 | 17.464 | 17.501 | VV | 772 | 11967 | | |
| 271 | 17.511 | 17.501 | 17.588 | VV | 693 | 20192 | 0.22% | 0.006% |
| 272 | 17.623 | 17.588 | 17.654 | PV | 650 | 12456 | 0.14% | 0.004% |
| 273 | 17.678 | 17.654 | 17.698 | VV | 505 | 9115 | 0.10% | 0.003% |
| 274 | 17.728 | 17.698 | 17.746 | VV | 3474 | 49070 | 0.54% | 0.014% |
| 275 | 17.765 | 17.746 | 17.791 | VV | 3174 | 50753 | 0.56% | 0.014% |
| 276 | 17.839 | 17.791 | 17.874 | VV | 287552 | 3897471 | 42.88% | 1.096% |
| 277 | 17.926 | 17.874 | 17.963 | VV | 4629 | 112389 | 1.24% | 0.032% |
| 278 | 18.015 | 17.963 | 18.037 | VV | 1548 | 52491 | 0.58% | 0.015% |
| 279 | 18.074 | 18.037 | 18.104 | VV | 2009 | 53336 | 0.59% | 0.015% |
| 280 | 18.237 | 18.104 | 18.253 | VV | 310510 | 4932676 | 54.26% | 1.387% |
| 281 | 18.274 | 18.253 | 18.321 | VV | 334121 | 4258811 | 46.85% | 1.198% |
| 282 | 18.384 | 18.321 | 18.434 | VV | 4581 | 193704 | 2.13% | 0.054% |
| 283 | 18.494 | 18.434 | 18.534 | VV | 290095 | 4115773 | 45.28% | 1.158% |
| 284 | 18.542 | 18.534 | 18.583 | VV | 1968 | 54696 | 0.60% | 0.015% |
| 285 | 18.612 | 18.583 | 18.628 | VV | 3201 | 66142 | 0.73% | 0.019% |
| 286 | 18.672 | 18.628 | 18.731 | VV | 268539 | 3892589 | 42.82% | 1.095% |
| 287 | 18.771 | 18.731 | 18.818 | VV | 5730 | 192422 | 2.12% | 0.054% |
| 288 | 18.837 | 18.818 | 18.860 | VV | 3966 | 81864 | 0.90% | 0.023% |
| 289 | 18.883 | 18.860 | 18.904 | VV | 3443 | 78345 | 0.86% | 0.022% |
| 290 | 18.915 | 18.904 | 18.924 | VV | 2562 | 29920 | 0.33% | 0.008% |
| 291 | 18.959 | 18.924 | 18.981 | VV | 4249 | 114969 | 1.26% | 0.032% |
| 292 | 19.025 | 18.981 | 19.052 | VV | 18866 | 422346 | 4.65% | 0.119% |
| 293 | 19.074 | 19.052 | 19.114 | VV | 13916 | 317889 | 3.50% | 0.089% |

**Instrument :**
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**Manual IntegrationsAPPROVED**

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Supervised By :mohammad ahmed 06/26/2025

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 294 | 19.156 | 19.114 | 19.185 | VV | 5265 | 179285 | | | |
| 295 | 19.210 | 19.185 | 19.236 | VV | 7206 | 161541 | | | |
| 296 | 19.268 | 19.236 | 19.289 | VV | 4738 | 130150 | 1.43% | 0.037% | |
| 297 | 19.326 | 19.289 | 19.351 | VV | 5723 | 181465 | 2.00% | 0.051% | |
| 298 | 19.366 | 19.351 | 19.404 | VV | 5348 | 138104 | 1.52% | 0.039% | |
| 299 | 19.457 | 19.404 | 19.506 | VV | 269805 | 4058594 | 44.65% | 1.141% | |
| 300 | 19.522 | 19.506 | 19.537 | VV | 5531 | 95600 | 1.05% | 0.027% | |
| 301 | 19.563 | 19.537 | 19.594 | VV | 6464 | 178487 | 1.96% | 0.050% | |
| 302 | 19.632 | 19.594 | 19.671 | VV | 6469 | 227940 | 2.51% | 0.064% | |
| 303 | 19.704 | 19.671 | 19.721 | VV | 5614 | 150033 | 1.65% | 0.042% | |
| 304 | 19.743 | 19.721 | 19.773 | VV | 6489 | 176394 | 1.94% | 0.050% | |
| 305 | 19.803 | 19.773 | 19.850 | VV | 8828 | 327192 | 3.60% | 0.092% | |
| 306 | 19.865 | 19.850 | 19.901 | VV | 5498 | 159204 | 1.75% | 0.045% | |
| 307 | 19.924 | 19.901 | 19.953 | VV | 5402 | 157346 | 1.73% | 0.044% | |
| 308 | 19.995 | 19.953 | 20.034 | VV | 7869 | 302102 | 3.32% | 0.085% | |
| 309 | 20.056 | 20.034 | 20.066 | VV | 6198 | 110798 | 1.22% | 0.031% | |
| 310 | 20.100 | 20.066 | 20.141 | VV | 9579 | 309775 | 3.41% | 0.087% | |
| 311 | 20.199 | 20.141 | 20.272 | VV | 257337 | 4060560 | 44.67% | 1.142% | |
| 312 | 20.359 | 20.272 | 20.397 | VV | 8625 | 492709 | 5.42% | 0.139% | |
| 313 | 20.477 | 20.397 | 20.612 | VV | 9249 | 951628 | 10.47% | 0.268% | |
| 314 | 20.627 | 20.612 | 20.651 | VV | 5809 | 129615 | 1.43% | 0.036% | |
| 315 | 20.670 | 20.651 | 20.696 | VV | 5574 | 141378 | 1.56% | 0.040% | |
| 316 | 20.704 | 20.696 | 20.728 | VV | 4955 | 91048 | 1.00% | 0.026% | |
| 317 | 20.743 | 20.728 | 20.791 | VV | 4925 | 176326 | 1.94% | 0.050% | |
| 318 | 20.808 | 20.791 | 20.843 | VV | 4366 | 130305 | 1.43% | 0.037% | |
| 319 | 20.879 | 20.843 | 20.910 | VV | 4372 | 170012 | 1.87% | 0.048% | |

**Instrument :**
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**ClientSampleId :**
GCAP1MSD

**Manual IntegrationsAPPROVED**

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Supervised By :mohammad ahmed 06/26/2025

rteres

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 320 | 20.968 | 20.910 | 21.131 | VV | 206607 | 421583 | | |
| 321 | 21.170 | 21.131 | 21.202 | VV | 3761 | 140599 | | |
| 322 | 21.218 | 21.202 | 21.247 | VV | 2905 | 76960 | 0.85% | 0.022% |
| 323 | 21.278 | 21.247 | 21.326 | VV | 2949 | 133595 | 1.47% | 0.038% |
| 324 | 21.354 | 21.326 | 21.369 | VV | 2856 | 71074 | 0.78% | 0.020% |
| 325 | 21.421 | 21.369 | 21.537 | VV | 3839 | 300859 | 3.31% | 0.085% |
| 326 | 21.547 | 21.537 | 21.601 | VV | 2267 | 81641 | 0.90% | 0.023% |
| 327 | 21.619 | 21.601 | 21.721 | VV | 2189 | 132704 | 1.46% | 0.037% |
| 328 | 21.759 | 21.721 | 21.808 | VV | 2010 | 88307 | 0.97% | 0.025% |
| 329 | 21.840 | 21.808 | 21.865 | VV | 1683 | 53078 | 0.58% | 0.015% |
| 330 | 21.938 | 21.865 | 22.066 | VV | 153400 | 3816421 | 41.98% | 1.073% |
| 331 | 22.079 | 22.066 | 22.089 | VV | 683 | 8903 | 0.10% | 0.003% |
| 332 | 22.160 | 22.089 | 22.171 | VV | 1632 | 53417 | 0.59% | 0.015% |
| 333 | 22.194 | 22.171 | 22.334 | VV | 1649 | 94766 | 1.04% | 0.027% |
| 334 | 22.343 | 22.334 | 22.374 | VV | 267 | 5356 | 0.06% | 0.002% |
| 335 | 22.395 | 22.374 | 22.417 | VV | 241 | 4148 | 0.05% | 0.001% |

Sum of corrected areas: 355551331

Aliphatic EPH 061825.M Wed Jun 25 01:28:32 2025

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

# Manual Integration Report

| Sequence: | FC061825AL | Instrument | FID_c |
|---|---|---|---|

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

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

# Manual Integration Report

| Sequence: | FC062425AL | Instrument | FID_c |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| 20 PPM ALIPHATIC HC | FC069258.D | n-Tetracontane (C40) | yogesh | 6/25/2025 7:36:20 AM | mohammad | 6/26/2025 1:32:17 | Peak Integrated by Software |
| Q2386-01DL | FC069259.D | 1-chlorooctadecane (SURR) | yogesh | 6/25/2025 7:36:22 AM | mohammad | 6/26/2025 1:32:17 | Peak Integrated by Software |
| Q2386-01DL | FC069259.D | ortho-Terphenyl (SURR) | yogesh | 6/25/2025 7:36:22 AM | mohammad | 6/26/2025 1:32:17 | Peak Integrated by Software |
| PB168591BS | FC069262.D | n-Tetracontane (C40) | yogesh | 6/25/2025 7:36:24 AM | mohammad | 6/26/2025 1:32:17 | Peak Integrated by Software |
| PB168591BSD | FC069263.D | n-Tetracontane (C40) | yogesh | 6/25/2025 7:36:25 AM | mohammad | 6/26/2025 1:32:17 | Peak Integrated by Software |
| 20 PPM ALIPHATIC HC | FC069266.D | n-Tetracontane (C40) | yogesh | 6/25/2025 7:36:27 AM | mohammad | 6/26/2025 1:32:17 | Peak Integrated by Software |
| PB168596BS | FC069268.D | n-Tetracontane (C40) | yogesh | 6/25/2025 7:36:28 AM | mohammad | 6/26/2025 1:32:17 | Peak Integrated by Software |
| PB168596BSD | FC069269.D | n-Tetracontane (C40) | yogesh | 6/25/2025 7:36:30 AM | mohammad | 6/26/2025 1:32:17 | Peak Integrated by Software |
| Q2363-01MS | FC069271.D | A~2-methylnaphthalene (C12.89) | yogesh | 6/25/2025 7:36:33 AM | mohammad | 6/26/2025 1:32:17 | Peak Integrated by Software |
| Q2363-01MS | FC069271.D | A~Naphthalene (C11.7) | yogesh | 6/25/2025 7:36:33 AM | mohammad | 6/26/2025 1:32:17 | Peak Integrated by Software |
| Q2363-01MS | FC069271.D | n-Decane (C10) | yogesh | 6/25/2025 7:36:33 AM | mohammad | 6/26/2025 1:32:17 | Peak Integrated by Software |
| Q2363-01MS | FC069271.D | n-Dodecane (C12) | yogesh | 6/25/2025 7:36:33 AM | mohammad | 6/26/2025 1:32:17 | Peak Integrated by Software |
| Q2363-01MS | FC069271.D | n-Nonane (C9) | yogesh | 6/25/2025 7:36:33 AM | mohammad | 6/26/2025 1:32:17 | Peak Integrated by Software |

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# Manual Integration Report

| Sequence: | FC062425AL | Instrument | FID_c |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| Q2363-01MS | FC069271.D | n-Tetracontane (C40) | yogesh | 6/25/2025 7:36:33 AM | mohammad | 6/26/2025 1:32:17 | Peak Integrated by Software |
| Q2363-01MS | FC069271.D | n-Tetradecane (C14) | yogesh | 6/25/2025 7:36:33 AM | mohammad | 6/26/2025 1:32:17 | Peak Integrated by Software |
| Q2363-01MSD | FC069272.D | A~2-methylnaphthalene (C12.89) | yogesh | 6/25/2025 7:36:35 AM | mohammad | 6/26/2025 1:32:17 | Peak Integrated by Software |
| Q2363-01MSD | FC069272.D | A~Naphthalene (C11.7) | yogesh | 6/25/2025 7:36:35 AM | mohammad | 6/26/2025 1:32:17 | Peak Integrated by Software |
| Q2363-01MSD | FC069272.D | n-Decane (C10) | yogesh | 6/25/2025 7:36:35 AM | mohammad | 6/26/2025 1:32:17 | Peak Integrated by Software |
| Q2363-01MSD | FC069272.D | n-Dodecane (C12) | yogesh | 6/25/2025 7:36:35 AM | mohammad | 6/26/2025 1:32:17 | Peak Integrated by Software |
| Q2363-01MSD | FC069272.D | n-Nonane (C9) | yogesh | 6/25/2025 7:36:35 AM | mohammad | 6/26/2025 1:32:17 | Peak Integrated by Software |
| Q2363-01MSD | FC069272.D | n-Tetracontane (C40) | yogesh | 6/25/2025 7:36:35 AM | mohammad | 6/26/2025 1:32:17 | Peak Integrated by Software |
| Q2363-01MSD | FC069272.D | n-Tetradecane (C14) | yogesh | 6/25/2025 7:36:35 AM | mohammad | 6/26/2025 1:32:17 | Peak Integrated by Software |
| 20 PPM ALIPHATIC HC | FC069274.D | n-Octatriacontane (C38) | yogesh | 6/25/2025 7:36:36 AM | mohammad | 6/26/2025 1:32:17 | Peak Integrated by Software |
| 20 PPM ALIPHATIC HC | FC069274.D | n-Tetracontane (C40) | yogesh | 6/25/2025 7:36:36 AM | mohammad | 6/26/2025 1:32:17 | Peak Integrated by Software |

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Fax : 908 789 8922

**Instrument ID: FID_C**

## Daily Analysis Runlog For Sequence/QCBatch ID # FC061825AL

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 6/18/2025 1:05:10 PM | | |
| Supervise By | mohammad | Supervise On | 6/20/2025 3:01:04 AM | | |
| SubDirectory | FC061825AL | HP Acquire Method | | HP Processing Method | FC061825AL |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP24170,PP24175,PP24176,PP24177,PP24178 |
| CCC | PP24176 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP24174,PP24179 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | Data File Name | Date-Time | Operator | Status |
|---|---|---|---|---|---|
| 1 | MECL2 | FC069219.D | 18 Jun 2025 09:57 | YP/AJ | Ok |
| 2 | I.BLK | FC069220.D | 18 Jun 2025 10:37 | YP/AJ | Ok |
| 3 | 100 PPM ALIPHATIC HC STD1 | FC069221.D | 18 Jun 2025 11:17 | YP/AJ | Ok |
| 4 | 50 PPM ALIPHATIC HC STD2 | FC069222.D | 18 Jun 2025 11:58 | YP/AJ | Ok |
| 5 | 20 PPM ALIPHATIC HC STD3 | FC069223.D | 18 Jun 2025 12:39 | YP/AJ | Ok |
| 6 | 10 PPM ALIPHATIC HC STD4 | FC069224.D | 18 Jun 2025 13:20 | YP/AJ | Ok |
| 7 | 5 PPM ALIPHATIC HC STD5 | FC069225.D | 18 Jun 2025 14:03 | YP/AJ | Ok |
| 8 | 20 PPM ALIPHATIC HC STD ICV | FC069226.D | 18 Jun 2025 14:45 | YP/AJ | Ok |
| 9 | I.BLK | FC069227.D | 18 Jun 2025 15:28 | YP/AJ | Ok |
| 10 | 20 PPM ALIPHATIC HC STD | FC069228.D | 18 Jun 2025 16:12 | YP/AJ | Ok |

M : Manual Integration

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**Instrument ID: FID_C**

## Daily Analysis Runlog For Sequence/QCBatch ID # FC062425AL

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 6/24/2025 11:16:35 AM | | |
| Supervise By | mohammad | Supervise On | 6/26/2025 1:32:17 AM | | |
| SubDirectory | FC062425AL | HP Acquire Method | | HP Processing Method | FC061825AL |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP24170,PP24175,PP24176,PP24177,PP24178 |
| CCC | PP24176 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP24174,PP24179 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | Data File Name | Date-Time | Operator | Status |
|---|---|---|---|---|---|
| 1 | MECL2 | FC069256.D | 24 Jun 2025 05:43 | YP/AJ | Ok |
| 2 | I.BLK | FC069257.D | 24 Jun 2025 06:23 | YP/AJ | Ok |
| 3 | 20 PPM ALIPHATIC HC STD | FC069258.D | 24 Jun 2025 07:04 | YP/AJ | Ok,M |
| 4 | Q2386-01DL | FC069259.D | 24 Jun 2025 07:57 | YP/AJ | Ok,M |
| 5 | Q2388-01DL | FC069260.D | 24 Jun 2025 08:38 | YP/AJ | Ok |
| 6 | PB168591BL | FC069261.D | 24 Jun 2025 09:20 | YP/AJ | Ok |
| 7 | PB168591BS | FC069262.D | 24 Jun 2025 10:03 | YP/AJ | Ok,M |
| 8 | PB168591BSD | FC069263.D | 24 Jun 2025 10:47 | YP/AJ | Ok,M |
| 9 | Q2385-01 | FC069264.D | 24 Jun 2025 11:32 | YP/AJ | Ok |
| 10 | I.BLK | FC069265.D | 24 Jun 2025 12:17 | YP/AJ | Ok |
| 11 | 20 PPM ALIPHATIC HC STD | FC069266.D | 24 Jun 2025 13:03 | YP/AJ | Ok,M |
| 12 | PB168596BL | FC069267.D | 24 Jun 2025 13:48 | YP/AJ | Ok |
| 13 | PB168596BS | FC069268.D | 24 Jun 2025 14:35 | YP/AJ | Ok,M |
| 14 | PB168596BSD | FC069269.D | 24 Jun 2025 15:22 | YP/AJ | Ok,M |
| 15 | Q2363-01 | FC069270.D | 24 Jun 2025 16:10 | YP/AJ | Ok |
| 16 | Q2363-01MS | FC069271.D | 24 Jun 2025 16:57 | YP/AJ | Ok,M |
| 17 | Q2363-01MSD | FC069272.D | 24 Jun 2025 17:45 | YP/AJ | Ok,M |
| 18 | I.BLK | FC069273.D | 24 Jun 2025 19:18 | YP/AJ | Ok |
| 19 | 20 PPM ALIPHATIC HC STD | FC069274.D | 24 Jun 2025 20:04 | YP/AJ | Ok,M |

M : Manual Integration

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**Instrument ID:** FID_C

## Daily Analysis Runlog For Sequence/QCBatch ID # FC061825AL

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 6/18/2025 1:05:10 PM | | |
| Supervise By | mohammad | Supervise On | 6/20/2025 3:01:04 AM | | |
| SubDirectory | FC061825AL | HP Acquire Method | | HP Processing Method | FC061825AL |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP24170,PP24175,PP24176,PP24177,PP24178 |
| CCC | PP24176 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP24174,PP24179 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | ClientID | Data File Name | Date-Time | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | MECL2 | MECL2 | FC069219.D | 18 Jun 2025 09:57 | | YP/AJ | Ok |
| 2 | I.BLK | I.BLK | FC069220.D | 18 Jun 2025 10:37 | | YP/AJ | Ok |
| 3 | 100 PPM ALIPHATIC H | 100 PPM ALIPHATIC H | FC069221.D | 18 Jun 2025 11:17 | | YP/AJ | Ok |
| 4 | 50 PPM ALIPHATIC HC | 50 PPM ALIPHATIC HC | FC069222.D | 18 Jun 2025 11:58 | | YP/AJ | Ok |
| 5 | 20 PPM ALIPHATIC HC | 20 PPM ALIPHATIC HC | FC069223.D | 18 Jun 2025 12:39 | | YP/AJ | Ok |
| 6 | 10 PPM ALIPHATIC HC | 10 PPM ALIPHATIC HC | FC069224.D | 18 Jun 2025 13:20 | | YP/AJ | Ok |
| 7 | 5 PPM ALIPHATIC HC | 5 PPM ALIPHATIC HC | FC069225.D | 18 Jun 2025 14:03 | | YP/AJ | Ok |
| 8 | 20 PPM ALIPHATIC HC | 20 PPM ALIPHATIC HC | FC069226.D | 18 Jun 2025 14:45 | | YP/AJ | Ok |
| 9 | I.BLK | I.BLK | FC069227.D | 18 Jun 2025 15:28 | | YP/AJ | Ok |
| 10 | 20 PPM ALIPHATIC HC | 20 PPM ALIPHATIC HC | FC069228.D | 18 Jun 2025 16:12 | | YP/AJ | Ok |

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**Instrument ID:** FID_C

## Daily Analysis Runlog For Sequence/QCBatch ID # FC062425AL

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 6/24/2025 11:16:35 AM | | |
| Supervise By | mohammad | Supervise On | 6/26/2025 1:32:17 AM | | |
| SubDirectory | FC062425AL | HP Acquire Method | | HP Processing Method | FC061825AL |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP24170,PP24175,PP24176,PP24177,PP24178 |
| CCC | PP24176 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP24174,PP24179 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | ClientID | Data File Name | Date-Time | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | MECL2 | MECL2 | FC069256.D | 24 Jun 2025 05:43 | | YP/AJ | Ok |
| 2 | I.BLK | I.BLK | FC069257.D | 24 Jun 2025 06:23 | | YP/AJ | Ok |
| 3 | 20 PPM ALIPHATIC HC | 20 PPM ALIPHATIC HC | FC069258.D | 24 Jun 2025 07:04 | | YP/AJ | Ok,M |
| 4 | Q2386-01DL | SU-1-062025DL | FC069259.D | 24 Jun 2025 07:57 | | YP/AJ | Ok,M |
| 5 | Q2388-01DL | TP-12DL | FC069260.D | 24 Jun 2025 08:38 | | YP/AJ | Ok |
| 6 | PB168591BL | PB168591BL | FC069261.D | 24 Jun 2025 09:20 | | YP/AJ | Ok |
| 7 | PB168591BS | PB168591BS | FC069262.D | 24 Jun 2025 10:03 | naphthalene break down - 0.535, 2-methylnephthalene break down - 0.329 | YP/AJ | Ok,M |
| 8 | PB168591BSD | PB168591BSD | FC069263.D | 24 Jun 2025 10:47 | naphthalene break down - 0.498, 2-methylnephthalene break down - 0.352 | YP/AJ | Ok,M |
| 9 | Q2385-01 | A5311 | FC069264.D | 24 Jun 2025 11:32 | | YP/AJ | Ok |
| 10 | I.BLK | I.BLK | FC069265.D | 24 Jun 2025 12:17 | | YP/AJ | Ok |
| 11 | 20 PPM ALIPHATIC HC | 20 PPM ALIPHATIC HC | FC069266.D | 24 Jun 2025 13:03 | | YP/AJ | Ok,M |
| 12 | PB168596BL | PB168596BL | FC069267.D | 24 Jun 2025 13:48 | | YP/AJ | Ok |
| 13 | PB168596BS | PB168596BS | FC069268.D | 24 Jun 2025 14:35 | | YP/AJ | Ok,M |
| 14 | PB168596BSD | PB168596BSD | FC069269.D | 24 Jun 2025 15:22 | | YP/AJ | Ok,M |
| 15 | Q2363-01 | GCAP1 | FC069270.D | 24 Jun 2025 16:10 | | YP/AJ | Ok |
| 16 | Q2363-01MS | GCAP1MS | FC069271.D | 24 Jun 2025 16:57 | FC069270.D | YP/AJ | Ok,M |

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**Instrument ID:** FID_C

## Daily Analysis Runlog For Sequence/QCBatch ID # FC062425AL

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 6/24/2025 11:16:35 AM | | |
| Supervise By | mohammad | Supervise On | 6/26/2025 1:32:17 AM | | |
| SubDirectory | FC062425AL | HP Acquire Method | | HP Processing Method | FC061825AL |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP24170,PP24175,PP24176,PP24177,PP24178 |
| CCC | PP24176 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP24174,PP24179 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 17 | Q2363-01MSD | GCAP1MSD | FC069272.D | 24 Jun 2025 17:45 | FC069270.D!FC069271.D | YP/AJ | Ok,M |
| 18 | I.BLK | I.BLK | FC069273.D | 24 Jun 2025 19:18 | | YP/AJ | Ok |
| 19 | 20 PPM ALIPHATIC HC | 20 PPM ALIPHATIC HC | FC069274.D | 24 Jun 2025 20:04 | | YP/AJ | Ok,M |

M : Manual Integration

Alliance TECHNICAL GROUP

**EXTRACTION LOGPAGE**

PB168596

**SOP ID:** MNJDEP-EPH-8

**Clean Up SOP #:** N/A

**Matrix :** Solid

**Weigh By:** EH

**Balance check:** RJ

**Balance ID:** EX-SC-2

**pH Strip Lot#:** N/A

**Extraction By:** RJ

**Filter By:** RJ

**pH Meter ID:** N/A

**Hood ID:** 3,7

**Extraction Start Date :** 06/24/2025

**Extraction Start Time :** 08:47

**Extraction End Date :** 06/24/2025

**Extraction End Time :** 11:45

**Concentration By:** EH

**Supervisor By :** RUPESH

**Extraction Method:** ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

| Standared Name | MLS USED | Concentration ug/mL | STD REF. # FROM LOG |
|---|---|---|---|
| Spike Sol 1 | 1.0ML | 100 PPM | PP24625 |
| Surrogate | 1.0ML | 100 PPM | PP24652 |
| N/A | N/A | N/A | N/A |
| N/A | N/A | N/A | N/A |
| N/A | N/A | N/A | N/A |

| Chemical Used | ML/SAMPLE USED | Lot Number |
|---|---|---|
| MeCl2/Acetone/1:1 | N/A | EP2612 |
| Baked Na2SO4 | N/A | EP2622 |
| Sand | N/A | E2865 |
| Methylene Chloride | N/A | E3943 |
| 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

**KD Bath ID:** N/A

**KD Bath Temperature:** N/A

**Envap ID:** NEVAP-02

**Envap Temperature:** 40 °C

| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|---|---|---|
| 6/24/25 | RSCelt lab) | Y-Pest/PCB. |
| 11:50 | Preparation Group | Analysis Group |

Alliance TECHNICAL GROUP

**EXTRACTION LOGPAGE**

**PrepBatch ID : PB168596**

**Analytical Method:** MNJDEP-EPH-8

**Concentration Date:** 06/24/2025

| Sample ID | Client Sample ID | Test | g / mL | PH | Surr/Spike By: | | Final Vol. (mL) | JarID | Comments | Prep Pos |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | AddedBy | VerifiedBy | | | | |
| PB168596BL | PB168596BL | EPH_F2 | 30.01 | N/A | ritesh | Evelyn | 2 | | | U2-1 |
| PB168596BS | PB168596BS | EPH_F2 | 30.02 | N/A | ritesh | Evelyn | 2 | | | 2 |
| PB168596BSD | PB168596BSD | EPH_F2 | 30.02 | N/A | ritesh | Evelyn | 2 | | | 3 |
| Q2363-01 | GCAP1 | EPH_F2 | 30.06 | N/A | ritesh | Evelyn | 2 | E | | 4 |
| Q2363-01MS | GCAP1MS | EPH_F2 | 30.08 | N/A | ritesh | Evelyn | 2 | E | | 5 |
| Q2363-01MSD | GCAP1MSD | EPH_F2 | 30.05 | N/A | ritesh | Evelyn | 2 | E | | 6 |

RS 6/24

* **Extracts relinquished on the same date as received.**

168596
8:47

# WORKLIST(Hardcopy Internal Chain)

**WorkList Name :** Q2363 **WorkList ID :** 190351 **Department :** Extraction **Date :** 06-24-2025 08:40:55

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| Q2363-01 | GCAP1 | Solid | EPH_F2 | Cool 4 deg C | GENV01 | D51 | 06/18/2025 | NJEPH |

**Date/Time** 6/24/25 8:40
**Raw Sample Received by:** RJ (FAlab)
**Raw Sample Relinquished by:** SM



**Date/Time** 6/24/25 8:55
**Raw Sample Received by:** SM
**Raw Sample Relinquished by:** RJ (FAlab)

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# LAB CHRONICLE

| | | | |
|---|---|---|---|
| **OrderID:** | Q2363 | **OrderDate:** | 6/18/2025 4:03:52 PM |
| **Client:** | G Environmental | **Project:** | Capra |
| **Contact:** | Gary Landis | **Location:** | D51,VOA Ref. #2 Soil,VOA Ref. #3 Water |

| LabID | ClientID | Matrix | Test | Method | Sample Date | Prep Date | Anal Date | Received |
|---|---|---|---|---|---|---|---|---|
| **Q2363-01** | **GCAP1** | **Solid** | | | **06/18/25** | | | **06/18/25** |
| | | | EPH_F2 | NJEPH | | 06/24/25 | 06/24/25 | |