
# SAMPLE DATA

Raw Data: FG016722.D

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Remington & Vernick Engineers | Date Collected: | 11/06/25 |
| Project: | Edison Landfill | Date Received: | 11/07/25 |
| Client Sample ID: | SED-1 | SDG No.: | Q3586 |
| Lab Sample ID: | Q3586-01 | Matrix: | Solid |
| Analytical Method: | NJEPH | % Solid: | 62.9 |
| Sample Wt/Vol: | 30.04 g | Final Vol: 2000 uL | Test: EPH |
| Prep Method : | | Prep Date : 11/17/25 | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Datafile | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | | |
| Aliphatic C9-C12 | Aliphatic C9-C12 | 0.26 | J | 1 | 0.22 | 1.59 | mg/kg | FG016929.D | 11/17/25 18:02 | PB170577 |
| Aliphatic C12-C16 | Aliphatic C12-C16 | 0.34 | J | 1 | 0.18 | 1.06 | mg/kg | FG016929.D | 11/17/25 18:02 | PB170577 |
| Aliphatic C16-C21 | Aliphatic C16-C21 | 0.25 | J | 1 | 0.21 | 1.59 | mg/kg | FG016929.D | 11/17/25 18:02 | PB170577 |
| Aliphatic C21-C28 | Aliphatic C21-C28 | 0.84 | U | 1 | 0.84 | 2.12 | mg/kg | FG016929.D | 11/17/25 18:02 | PB170577 |
| Aliphatic C28-C40 | Aliphatic C28-C40 | 2.94 | J | 1 | 1.87 | 3.18 | mg/kg | FG016929.D | 11/17/25 18:02 | PB170577 |
| Aromatic C10-C12 | Aromatic C10-C12 | 0.20 | J | 1 | 0.19 | 1.06 | mg/kg | FF016722.D | 11/17/25 18:02 | PB170577 |
| Aromatic C12-C16 | Aromatic C12-C16 | 4.49 | | 1 | 0.37 | 1.59 | mg/kg | FF016722.D | 11/17/25 18:02 | PB170577 |
| Aromatic C16-C21 | Aromatic C16-C21 | 2.15 | J | 1 | 0.64 | 2.65 | mg/kg | FF016722.D | 11/17/25 18:02 | PB170577 |
| Aromatic C21-C36 | Aromatic C21-C36 | 1.89 | U | 1 | 1.89 | 4.23 | mg/kg | FF016722.D | 11/17/25 18:02 | PB170577 |
| Total AliphaticEPH | Total AliphaticEPH | 3.79 | J | | 3.31 | 9.54 | mg/kg | | | |
| Total AromaticEPH | Total AromaticEPH | 6.84 | J | | 3.08 | 9.53 | mg/kg | | | |
| Total EPH | Total EPH | 10.6 | J | | 6.39 | 19.1 | mg/kg | | | |

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

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick Engineers | | | Date Collected: | 11/06/25 |
| Project: | Edison Landfill | | | Date Received: | 11/07/25 |
| Client Sample ID: | SED-1 | | | SDG No.: | Q3586 |
| Lab Sample ID: | Q3586-01 | | | Matrix: | Solid |
| Analytical Method: | NJEPH | | | % Solid: | 62.9 |
| Sample Wt/Vol: | 30.04 g | Final Vol: | 2000 uL | Test: | EPH |
| Prep Method : | | Prep Date | 11/17/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| Aromatic C10-C12 | Aromatic C10-C12 | 0.20 | J | 1 | 0.19 | 1.06 | mg/kg | 11/17/25 | PB170577 |
| Aromatic C12-C16 | Aromatic C12-C16 | 4.49 | | 1 | 0.37 | 1.59 | mg/kg | 11/17/25 | PB170577 |
| Aromatic C16-C21 | Aromatic C16-C21 | 2.15 | J | 1 | 0.64 | 2.65 | mg/kg | 11/17/25 | PB170577 |
| Aromatic C21-C36 | Aromatic C21-C36 | 1.89 | U | 1 | 1.89 | 4.23 | mg/kg | 11/17/25 | PB170577 |
| **SURROGATES** | | | | | | | | | |
| 580-13-2 | 2-Bromonaphthalene (SURR) | 45.7 | | | 40 - 140 | 91% | SPK: 50 | | |
| 321-60-8 | 2-Flurobiphenyl (SURR) | 48.5 | | | 40 - 140 | 97% | SPK: 50 | | |
| 84-15-1 | ortho-Terphenyl (SURR) | 39.1 | | | 40 - 140 | 78% | SPK: 50 | | |

Raw Data: FF016722.D

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# Quantitation Report For Aromatic EPH Range.

| | | | |
|---|---|---|---|
| Lab Sample ID: | Q3586-01 | Acq On: | 17 Nov 2025 18:02 |
| Client Sample ID: | SED-1 | Operator: | YP\AJ |
| Data file: | FF016722.D | Misc: | |
| Instrument: | FID_F | ALS Vial: | 76 |
| Dilution Factor: | 1 | Sample Multiplier: | 1.00 |

| Compound | R.T. | | Response | Conc | highest_standard | Units |
|---|---|---|---|---|---|---|
| Aromatic C10-C12 | 4.502 | 6.378 | 246554 | 1.868 | 200 | ug/ml |
| Aromatic C12-C16 | 6.379 | 9.083 | 5728768 | 42.383 | 300 | ug/ml |
| Aromatic C16-C21 | 9.084 | 13.405 | 2711844 | 20.277 | 500 | ug/ml |
| Aromatic C21-C36 | 13.406 | 18.870 | 676517 | 5.749 | 800 | ug/ml |
| Aromatic EPH | 4.502 | 18.870 | 9363683 | 70.277 | | ug/ml |
| ortho-Terphenyl (SURR) | 11.953 | 11.953 | 5739038 | 39.08 | | ug/ml |
| 2-Bromonaphthalene (SURR) | 8.009 | 8.009 | 5178641 | 45.7 | | ug/ml |
| 2-Flurobiphenyl (SURR) | 8.886 | 8.886 | 3463002 | 48.55 | | ug/ml |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick Engineers | | | Date Collected: | 11/06/25 |
| Project: | Edison Landfill | | | Date Received: | 11/07/25 |
| Client Sample ID: | SED-1 | | | SDG No.: | Q3586 |
| Lab Sample ID: | Q3586-01 | | | Matrix: | Solid |
| Analytical Method: | NJEPH | | | % Solid: | 62.9 |
| Sample Wt/Vol: | 30.04 g | Final Vol: | 2000 uL | Test: | EPH |
| Prep Method : | | Prep Date | 11/17/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| Aliphatic C9-C12 | Aliphatic C9-C12 | 0.26 | J | 1 | 0.22 | 1.59 | mg/kg | 11/17/25 | PB170577 |
| Aliphatic C12-C16 | Aliphatic C12-C16 | 0.34 | J | 1 | 0.18 | 1.06 | mg/kg | 11/17/25 | PB170577 |
| Aliphatic C16-C21 | Aliphatic C16-C21 | 0.25 | J | 1 | 0.21 | 1.59 | mg/kg | 11/17/25 | PB170577 |
| Aliphatic C21-C28 | Aliphatic C21-C28 | 0.84 | U | 1 | 0.84 | 2.12 | mg/kg | 11/17/25 | PB170577 |
| Aliphatic C28-C40 | Aliphatic C28-C40 | 2.94 | J | 1 | 1.87 | 3.18 | mg/kg | 11/17/25 | PB170577 |
| **SURROGATES** | | | | | | | | | |
| 3383-33-2 | 1-chlorooctadecane (SURR) | 42.5 | | | 40 - 140 | 85% | SPK: 50 | | |
| 84-15-1 | ortho-Terphenyl (SURR) | 0.00 | | | 40 - 140 | 0% | SPK: 50 | | |

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# Quantitation Report For Aliphatic EPH Range.

| | | | |
|---|---|---|---|
| Lab Sample ID: | Q3586-01 | Acq On: | 17 Nov 2025 18:02 |
| Client Sample ID: | SED-1 | Operator: | YP\AJ |
| Data file: | FG016929.D | Misc: | |
| Instrument: | FID_G | ALS Vial: | 24 |
| Dilution Factor: | 1 | Sample Multiplier: | 1.00 |

| Compound | R.T. | | Response | Conc | highest_standard | Units |
|---|---|---|---|---|---|---|
| Aliphatic C9-C12 | 3.260 | 6.901 | 295464 | 2.422 | 300 | ug/ml |
| Aliphatic C12-C16 | 6.902 | 10.358 | 397266 | 3.234 | 200 | ug/ml |
| Aliphatic C16-C21 | 10.359 | 13.749 | 315151 | 2.38 | 300 | ug/ml |
| Aliphatic C21-C28 | 13.750 | 17.436 | 536859 | 3.861 | 400 | ug/ml |
| Aliphatic C28-C40 | 17.437 | 22.460 | 3158969 | 27.76 | 600 | ug/ml |
| Aliphatic EPH | 3.260 | 22.460 | 4703709 | 39.657 | | ug/ml |
| ortho-Terphenyl (SURR) | 0.000 | 0.000 | 0 | 0 | | ug/ml |
| 1-chlorooctadecane (SURR) | 13.481 | 13.481 | 5117800 | 42.49 | | ug/ml |
| Aliphatic C9-C28 | 3.260 | 17.436 | 1544740 | 11.897 | 1200 | ug/ml |

Raw Data: FG016930.D

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Remington & Vernick Engineers | Date Collected: | 11/06/25 |
| Project: | Edison Landfill | Date Received: | 11/07/25 |
| Client Sample ID: | SED-2 | SDG No.: | Q3586 |
| Lab Sample ID: | Q3586-02 | Matrix: | Solid |
| Analytical Method: | NJEPH | % Solid: | 41.4 |
| Sample Wt/Vol: | 30.08 g | Final Vol: 2000 uL | Test: EPH |
| Prep Method : | | Prep Date : 11/17/25 | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Datafile | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | | |
| Aliphatic C9-C12 | Aliphatic C9-C12 | 0.56 | J | 1 | 0.34 | 2.41 | mg/kg | FG016930.D | 11/17/25 18:31 | PB170577 |
| Aliphatic C12-C16 | Aliphatic C12-C16 | 0.82 | J | 1 | 0.27 | 1.61 | mg/kg | FG016930.D | 11/17/25 18:31 | PB170577 |
| Aliphatic C16-C21 | Aliphatic C16-C21 | 0.99 | J | 1 | 0.31 | 2.41 | mg/kg | FG016930.D | 11/17/25 18:31 | PB170577 |
| Aliphatic C21-C28 | Aliphatic C21-C28 | 1.31 | J | 1 | 1.28 | 3.21 | mg/kg | FG016930.D | 11/17/25 18:31 | PB170577 |
| Aliphatic C28-C40 | Aliphatic C28-C40 | 5.57 | | 1 | 2.84 | 4.82 | mg/kg | FG016930.D | 11/17/25 18:31 | PB170577 |
| Aromatic C10-C12 | Aromatic C10-C12 | 0.43 | J | 1 | 0.29 | 1.61 | mg/kg | FF016723.D | 11/17/25 18:31 | PB170577 |
| Aromatic C12-C16 | Aromatic C12-C16 | 0.99 | J | 1 | 0.55 | 2.41 | mg/kg | FF016723.D | 11/17/25 18:31 | PB170577 |
| Aromatic C16-C21 | Aromatic C16-C21 | 9.51 | | 1 | 0.96 | 4.02 | mg/kg | FF016723.D | 11/17/25 18:31 | PB170577 |
| Aromatic C21-C36 | Aromatic C21-C36 | 2.87 | U | 1 | 2.87 | 6.42 | mg/kg | FF016723.D | 11/17/25 18:31 | PB170577 |
| Total AliphaticEPH | Total AliphaticEPH | 9.25 | J | | 5.04 | 14.5 | mg/kg | | | |
| Total AromaticEPH | Total AromaticEPH | 10.9 | J | | 4.68 | 14.5 | mg/kg | | | |
| Total EPH | Total EPH | 20.2 | J | | 9.71 | 28.9 | mg/kg | | | |

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: FE016933.D

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick Engineers | | | Date Collected: | 11/06/25 |
| Project: | Edison Landfill | | | Date Received: | 11/07/25 |
| Client Sample ID: | SED-2 | | | SDG No.: | Q3586 |
| Lab Sample ID: | Q3586-02 | | | Matrix: | Solid |
| Analytical Method: | NJEPH | | | % Solid: | 41.4 |
| Sample Wt/Vol: | 30.08 g | Final Vol: | 2000 uL | Test: | EPH |
| Prep Method : | | Prep Date | 11/17/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| Aromatic C10-C12 | Aromatic C10-C12 | 0.43 | J | 1 | 0.29 | 1.61 | mg/kg | 11/17/25 | PB170577 |
| Aromatic C12-C16 | Aromatic C12-C16 | 0.99 | J | 1 | 0.55 | 2.41 | mg/kg | 11/17/25 | PB170577 |
| Aromatic C16-C21 | Aromatic C16-C21 | 9.51 | | 1 | 0.96 | 4.02 | mg/kg | 11/17/25 | PB170577 |
| Aromatic C21-C36 | Aromatic C21-C36 | 2.87 | U | 1 | 2.87 | 6.42 | mg/kg | 11/17/25 | PB170577 |
| **SURROGATES** | | | | | | | | | |
| 580-13-2 | 2-Bromonaphthalene (SURR) | 46.5 | | | 40 - 140 | 93% | SPK: 50 | | |
| 321-60-8 | 2-Flurobiphenyl (SURR) | 49.5 | | | 40 - 140 | 99% | SPK: 50 | | |
| 84-15-1 | ortho-Terphenyl (SURR) | 29.5 | | | 40 - 140 | 59% | SPK: 50 | | |

Raw Data: FF016723.D

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# Quantitation Report For Aromatic EPH Range.

| | | | |
|---|---|---|---|
| Lab Sample ID: | Q3586-02 | Acq On: | 17 Nov 2025 18:31 |
| Client Sample ID: | SED-2 | Operator: | YP\AJ |
| Data file: | FF016723.D | Misc: | |
| Instrument: | FID_F | ALS Vial: | 77 |
| Dilution Factor: | 1 | Sample Multiplier: | 1.00 |

| Compound | R.T. | | Response | Conc | highest_standard | Units |
|---|---|---|---|---|---|---|
| Aromatic C10-C12 | 4.502 | 6.378 | 349642 | 2.65 | 200 | ug/ml |
| Aromatic C12-C16 | 6.379 | 9.083 | 829078 | 6.134 | 300 | ug/ml |
| Aromatic C16-C21 | 9.084 | 13.405 | 7920540 | 59.222 | 500 | ug/ml |
| Aromatic C21-C36 | 13.406 | 18.870 | 1394935 | 11.855 | 800 | ug/ml |
| Aromatic EPH | 4.502 | 18.870 | 10494195 | 79.86 | | ug/ml |
| ortho-Terphenyl (SURR) | 11.952 | 11.952 | 4332904 | 29.51 | | ug/ml |
| 2-Bromonaphthalene (SURR) | 8.010 | 8.010 | 5264631 | 46.46 | | ug/ml |
| 2-Flurobiphenyl (SURR) | 8.885 | 8.885 | 3530106 | 49.5 | | ug/ml |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick Engineers | | | Date Collected: | 11/06/25 |
| Project: | Edison Landfill | | | Date Received: | 11/07/25 |
| Client Sample ID: | SED-2 | | | SDG No.: | Q3586 |
| Lab Sample ID: | Q3586-02 | | | Matrix: | Solid |
| Analytical Method: | NJEPH | | | % Solid: | 41.4 |
| Sample Wt/Vol: | 30.08 g | Final Vol: | 2000 uL | Test: | EPH |
| Prep Method : | | Prep Date | 11/17/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| Aliphatic C9-C12 | Aliphatic C9-C12 | 0.56 | J | 1 | 0.34 | 2.41 | mg/kg | 11/17/25 | PB170577 |
| Aliphatic C12-C16 | Aliphatic C12-C16 | 0.82 | J | 1 | 0.27 | 1.61 | mg/kg | 11/17/25 | PB170577 |
| Aliphatic C16-C21 | Aliphatic C16-C21 | 0.99 | J | 1 | 0.31 | 2.41 | mg/kg | 11/17/25 | PB170577 |
| Aliphatic C21-C28 | Aliphatic C21-C28 | 1.31 | J | 1 | 1.28 | 3.21 | mg/kg | 11/17/25 | PB170577 |
| Aliphatic C28-C40 | Aliphatic C28-C40 | 5.57 | | 1 | 2.84 | 4.82 | mg/kg | 11/17/25 | PB170577 |
| **SURROGATES** | | | | | | | | | |
| 3383-33-2 | 1-chlorooctadecane (SURR) | 37.1 | | | 40 - 140 | 74% | SPK: 50 | | |
| 84-15-1 | ortho-Terphenyl (SURR) | 0.00 | | | 40 - 140 | 0% | SPK: 50 | | |

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# Quantitation Report For Aliphatic EPH Range.

| | | | |
|---|---|---|---|
| Lab Sample ID: | Q3586-02 | Acq On: | 17 Nov 2025 18:31 |
| Client Sample ID: | SED-2 | Operator: | YP\AJ |
| Data file: | FG016930.D | Misc: | |
| Instrument: | FID_G | ALS Vial: | 25 |
| Dilution Factor: | 1 | Sample Multiplier: | 1.00 |

| Compound | R.T. | | Response | Conc | highest_standard | Units |
|---|---|---|---|---|---|---|
| Aliphatic C9-C12 | 3.260 | 6.901 | 426808 | 3.498 | 300 | ug/ml |
| Aliphatic C12-C16 | 6.902 | 10.358 | 626107 | 5.096 | 200 | ug/ml |
| Aliphatic C16-C21 | 10.359 | 13.749 | 818695 | 6.184 | 300 | ug/ml |
| Aliphatic C21-C28 | 13.750 | 17.436 | 1133960 | 8.156 | 400 | ug/ml |
| Aliphatic C28-C40 | 17.437 | 22.460 | 3948627 | 34.7 | 600 | ug/ml |
| Aliphatic EPH | 3.260 | 22.460 | 6954197 | 57.634 | | ug/ml |
| ortho-Terphenyl (SURR) | 0.000 | 0.000 | 0 | 0 | | ug/ml |
| 1-chlorooctadecane (SURR) | 13.481 | 13.481 | 4466629 | 37.09 | | ug/ml |
| Aliphatic C9-C28 | 3.260 | 17.436 | 3005570 | 22.934 | 1200 | ug/ml |

Raw Data: FG016958.D

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Remington & Vernick Engineers | Date Collected: | 11/06/25 |
| Project: | Edison Landfill | Date Received: | 11/07/25 |
| Client Sample ID: | SED-3 | SDG No.: | Q3586 |
| Lab Sample ID: | Q3586-03 | Matrix: | Solid |
| Analytical Method: | NJEPH | % Solid: | 50.9 |
| Sample Wt/Vol: | 30.07 g | Final Vol: 2000 uL | Test: EPH |
| Prep Method : | | Prep Date : 11/17/25 | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Datafile | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | | |
| Aliphatic C9-C12 | Aliphatic C9-C12 | 0.38 | J | 1 | 0.27 | 1.96 | mg/kg | FG016958.D | 11/20/25 13:13 | PB170577 |
| Aliphatic C12-C16 | Aliphatic C12-C16 | 0.34 | J | 1 | 0.22 | 1.31 | mg/kg | FG016958.D | 11/20/25 13:13 | PB170577 |
| Aliphatic C16-C21 | Aliphatic C16-C21 | 0.45 | J | 1 | 0.26 | 1.96 | mg/kg | FG016958.D | 11/20/25 13:13 | PB170577 |
| Aliphatic C21-C28 | Aliphatic C21-C28 | 1.28 | J | 1 | 1.04 | 2.61 | mg/kg | FG016958.D | 11/20/25 13:13 | PB170577 |
| Aliphatic C28-C40 | Aliphatic C28-C40 | 4.64 | | 1 | 2.31 | 3.92 | mg/kg | FG016958.D | 11/20/25 13:13 | PB170577 |
| Aromatic C10-C12 | Aromatic C10-C12 | 0.25 | J | 1 | 0.24 | 1.31 | mg/kg | FF016724.D | 11/17/25 19:01 | PB170577 |
| Aromatic C12-C16 | Aromatic C12-C16 | 4.66 | | 1 | 0.45 | 1.96 | mg/kg | FF016724.D | 11/17/25 19:01 | PB170577 |
| Aromatic C16-C21 | Aromatic C16-C21 | 2.53 | J | 1 | 0.78 | 3.27 | mg/kg | FF016724.D | 11/17/25 19:01 | PB170577 |
| Aromatic C21-C36 | Aromatic C21-C36 | 2.33 | U | 1 | 2.33 | 5.23 | mg/kg | FF016724.D | 11/17/25 19:01 | PB170577 |
| Total AliphaticEPH | Total AliphaticEPH | 7.09 | J | | 4.09 | 11.8 | mg/kg | | | |
| Total AromaticEPH | Total AromaticEPH | 7.44 | J | | 3.80 | 11.8 | mg/kg | | | |
| Total EPH | Total EPH | 14.5 | J | | 7.89 | 23.5 | mg/kg | | | |

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

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick Engineers | | | Date Collected: | 11/06/25 |
| Project: | Edison Landfill | | | Date Received: | 11/07/25 |
| Client Sample ID: | SED-3 | | | SDG No.: | Q3586 |
| Lab Sample ID: | Q3586-03 | | | Matrix: | Solid |
| Analytical Method: | NJEPH | | | % Solid: | 50.9 |
| Sample Wt/Vol: | 30.07 g | Final Vol: | 2000 uL | Test: | EPH |
| Prep Method : | | Prep Date | 11/17/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| Aromatic C10-C12 | Aromatic C10-C12 | 0.25 | J | 1 | 0.24 | 1.31 | mg/kg | 11/17/25 | PB170577 |
| Aromatic C12-C16 | Aromatic C12-C16 | 4.66 | | 1 | 0.45 | 1.96 | mg/kg | 11/17/25 | PB170577 |
| Aromatic C16-C21 | Aromatic C16-C21 | 2.53 | J | 1 | 0.78 | 3.27 | mg/kg | 11/17/25 | PB170577 |
| Aromatic C21-C36 | Aromatic C21-C36 | 2.33 | U | 1 | 2.33 | 5.23 | mg/kg | 11/17/25 | PB170577 |
| **SURROGATES** | | | | | | | | | |
| 580-13-2 | 2-Bromonaphthalene (SURR) | 55.6 | | | 40 - 140 | 111% | SPK: 50 | | |
| 321-60-8 | 2-Flurobiphenyl (SURR) | 59.1 | | | 40 - 140 | 118% | SPK: 50 | | |
| 84-15-1 | ortho-Terphenyl (SURR) | 47.4 | | | 40 - 140 | 95% | SPK: 50 | | |

Raw Data: FF016724.D

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# Quantitation Report For Aromatic EPH Range.

| | | | |
|---|---|---|---|
| Lab Sample ID: | Q3586-03 | Acq On: | 17 Nov 2025 19:01 |
| Client Sample ID: | SED-3 | Operator: | YP\AJ |
| Data file: | FF016724.D | Misc: | |
| Instrument: | FID_F | ALS Vial: | 78 |
| Dilution Factor: | 1 | Sample Multiplier: | 1.00 |

| Compound | R.T. | | Response | Conc | highest_standard | Units |
|---|---|---|---|---|---|---|
| Aromatic C10-C12 | 4.502 | 6.378 | 251867 | 1.909 | 200 | ug/ml |
| Aromatic C12-C16 | 6.379 | 9.083 | 4815581 | 35.627 | 300 | ug/ml |
| Aromatic C16-C21 | 9.084 | 13.405 | 2587692 | 19.348 | 500 | ug/ml |
| Aromatic C21-C36 | 13.406 | 18.870 | 890465 | 7.568 | 800 | ug/ml |
| Aromatic EPH | 4.502 | 18.870 | 8545605 | 64.452 | | ug/ml |
| 2-Bromonaphthalene (SURR) | 8.011 | 8.011 | 6303217 | 55.62 | | ug/ml |
| 2-Flurobiphenyl (SURR) | 8.886 | 8.886 | 4211923 | 59.06 | | ug/ml |
| ortho-Terphenyl (SURR) | 11.954 | 11.954 | 6957013 | 47.37 | | ug/ml |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick Engineers | | | Date Collected: | 11/06/25 |
| Project: | Edison Landfill | | | Date Received: | 11/07/25 |
| Client Sample ID: | SED-3 | | | SDG No.: | Q3586 |
| Lab Sample ID: | Q3586-03 | | | Matrix: | Solid |
| Analytical Method: | NJEPH | | | % Solid: | 50.9 |
| Sample Wt/Vol: | 30.07 g | Final Vol: | 2000 uL | Test: | EPH |
| Prep Method : | | Prep Date | 11/17/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| Aliphatic C9-C12 | Aliphatic C9-C12 | 0.38 | J | 1 | 0.27 | 1.96 | mg/kg | 11/20/25 | PB170577 |
| Aliphatic C12-C16 | Aliphatic C12-C16 | 0.34 | J | 1 | 0.22 | 1.31 | mg/kg | 11/20/25 | PB170577 |
| Aliphatic C16-C21 | Aliphatic C16-C21 | 0.45 | J | 1 | 0.26 | 1.96 | mg/kg | 11/20/25 | PB170577 |
| Aliphatic C21-C28 | Aliphatic C21-C28 | 1.28 | J | 1 | 1.04 | 2.61 | mg/kg | 11/20/25 | PB170577 |
| Aliphatic C28-C40 | Aliphatic C28-C40 | 4.64 | | 1 | 2.31 | 3.92 | mg/kg | 11/20/25 | PB170577 |
| **SURROGATES** | | | | | | | | | |
| 3383-33-2 | 1-chlorooctadecane (SURR) | 69.0 | | | 40 - 140 | 138% | SPK: 50 | | |
| 84-15-1 | ortho-Terphenyl (SURR) | 0.00 | | | 40 - 140 | 0% | SPK: 50 | | |

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# Quantitation Report For Aliphatic EPH Range.

| | | | |
|---|---|---|---|
| Lab Sample ID: | Q3586-03 | Acq On: | 20 Nov 2025 13:13 |
| Client Sample ID: | SED-3 | Operator: | YP\AJ |
| Data file: | FG016958.D | Misc: | |
| Instrument: | FID_G | ALS Vial: | 22 |
| Dilution Factor: | 1 | Sample Multiplier: | 1.00 |

| Compound | R.T. | | Response | Conc | highest_standard | Units |
|---|---|---|---|---|---|---|
| Aliphatic C9-C12 | 3.258 | 6.899 | 358158 | 2.936 | 300 | ug/ml |
| Aliphatic C12-C16 | 6.900 | 10.356 | 317338 | 2.583 | 200 | ug/ml |
| Aliphatic C16-C21 | 10.357 | 13.743 | 452789 | 3.42 | 300 | ug/ml |
| Aliphatic C21-C28 | 13.744 | 17.429 | 1366892 | 9.831 | 400 | ug/ml |
| Aliphatic C28-C40 | 17.430 | 22.445 | 4037262 | 35.479 | 600 | ug/ml |
| Aliphatic EPH | 3.258 | 22.445 | 6532439 | 54.249 | | ug/ml |
| ortho-Terphenyl (SURR) | 0.000 | 0.000 | 0 | 0 | | ug/ml |
| 1-chlorooctadecane (SURR) | 13.483 | 13.483 | 8310854 | 69.01 | | ug/ml |
| Aliphatic C9-C28 | 3.258 | 17.429 | 2495177 | 18.77 | 1200 | ug/ml |


# QC SUMMARY

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## SOIL EPH SURROGATE RECOVERY

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3586

Run Number: FF111725AR

| CLIENT SAMPLE NO. | 2-Bromonaphthalene (SURR) | 2-Flurobiphenyl (SURR) | ortho-Terphenyl (SURR) | TOT OUT |
|---|---|---|---|---|
| PB170577BL | 101 | 106 | 80 | 0 |
| PB170577BS | 118 | 119 | 87 | 0 |
| PB170577BSD | 107 | 109 | 79 | 0 |
| SED-1 | 91 | 97 | 78 | 0 |
| SED-2 | 93 | 99 | 59 | 0 |
| SED-3 | 111 | 118 | 95 | 0 |
| SED-3MS | 94 | 100 | 69 | 0 |
| SED-3MSD | 96 | 103 | 71 | 0 |

| | QC LIMITS |
|---|---|
| 2-Bromonaphthalene (SURR) | (40-140) |
| 2-Flurobiphenyl (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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# SOIL EPH SURROGATE RECOVERY

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3586

Run Number: FG111725AL

| CLIENT SAMPLE NO. | 1-chlorooctadecane (SURR) | | | TOT OUT |
|---|---|---|---|---|
| PB170577BS | 49 | | | 0 |
| PB170577BSD | 50 | | | 0 |
| SED-1 | 85 | | | 0 |
| SED-2 | 74 | | | 0 |

| | QC LIMITS |
|---|---|
| 1-chlorooctadecane (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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# SOIL EPH SURROGATE RECOVERY

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3586

Run Number: FG112025AL

| CLIENT SAMPLE NO. | 1-chlorooctadecane (SURR) | | | TOT OUT |
|---|---|---|---|---|
| PB170577BL | 50 | | | 0 |
| SED-3 | 138 | | | 0 |
| SED-3MS | 112 | | | 0 |
| SED-3MSD | 110 | | | 0 |

| | QC LIMITS |
|---|---|
| 1-chlorooctadecane (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 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

**Lab Name:** Alliance **Client:** Remington & Vernick Engineers

**Lab Code:** ACE **SDG No:** Q3586

**Sample No :** Q3586-03MS **Datafile:** FF016726.D **Client ID :** SED-3MS

| COMPOUND | SPIKE ADDED mg/kg | SAMPLE CONCENTRATION mg/kg | MS/MSD CONCENTRATION mg/kg | % REC | Qual | QC LIMITS (%) |
|---|---|---|---|---|---|---|
| Aromatic C10-C12 | 13.1 | 0.25 | 8.12 | 60 | | (40-140) |
| Aromatic C12-C16 | 19.6 | 4.66 | 13.6 | 46 | | (40-140) |
| Aromatic C16-C21 | 32.7 | 2.53 | 27.8 | 77 | | (40-140) |
| Aromatic C21-C36 | 52.3 | 0 | 44.9 | 86 | | (40-140) |

| COMPOUND | SPIKE ADDED mg/kg | SAMPLE CONCENTRATION mg/kg | MS/MSD CONCENTRATION mg/kg | % REC | Qual | QC LIMITS (%) |
|---|---|---|---|---|---|---|
| 1,2,3-Trimethylbenzene (C10.1) | 6.5 | 0.0174 | 3.9777 | 61 | | (40-140) |
| Naphthalene (C11.7) | 6.5 | 0.0256 | 3.8270 | 58 | | (40-140) |
| 2-Methylnaphthalene (C12.89) | 6.5 | 0.0251 | 3.5596 | 54 | | (40-140) |
| Acenaphthylene (C15.06) | 6.5 | 0.0198 | 4.1275 | 63 | | (40-140) |
| Acenaphthene (C15.5) | 6.5 | 0.0000 | 4.2303 | 65 | | (40-140) |
| Flouorene (C16.55) | 6.5 | 0.0116 | 4.6282 | 71 | | (40-140) |
| Phenanthrene (C19.36) | 6.5 | 0.0074 | 4.6796 | 72 | | (40-140) |
| Anthracene (C19.43) | 6.5 | 0.0042 | 4.7788 | 73 | | (40-140) |
| Pyrene (C20.8) | 6.5 | 0.0000 | 4.5427 | 70 | | (40-140) |
| Fluoranthene (C21.85) | 6.5 | 0.0612 | 4.6476 | 71 | | (40-140) |
| Benzo[a]anthracene (C26.37) | 6.5 | 0.0292 | 11.1470 | 171 | * | (40-140) |
| Chrysene (C27.41) | 6.5 | 0.0397 | 8.9965 | 138 | | (40-140) |
| Bnezo[k]fluoranthene (C30.14) | 6.5 | 0.0172 | 9.5714 | 147 | * | (40-140) |
| Dibenz[a,h]anthracene (C30.36) | 6.5 | 0.0631 | 9.1114 | 139 | | (40-140) |
| benzo[b]fluoranthene (C30.41) | 6.5 | 0.0189 | 10.5194 | 162 | * | (40-140) |
| Benzo[a]pyrene (C31.34) | 6.5 | 0.0050 | 5.1313 | 79 | | (40-140) |
| Benzo[g,h,i]perylene (C34.01) | 6.5 | 0.0113 | 5.6971 | 87 | | (40-140) |
| Indeno[1,2,3-cd]pyrene (C35.01) | 6.5 | 0.0966 | 13.9442 | 213 | * | (40-140) |

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## SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

**Lab Name:** Alliance **Client:** Remington & Vernick Engineers

**Lab Code:** ACE **SDG No:** Q3586

**Sample No :** Q3586-03MSD **Datafile:** FF016727.D **Client ID :** SED-3MSD

| COMPOUND | SPIKE ADDED mg/kg | SAMPLE CONCENTRATION mg/kg | MS/MSD CONCENTRATION mg/kg | % REC | Qual | RPD \| QC LIMITS (%) | QC Limit Of RPD |
|---|---|---|---|---|---|---|---|
| Aromatic C10-C12 | 13.1 | 0.25 | 8.32 | 62 | | 2.3 \| (40-140) | 50 |
| Aromatic C12-C16 | 19.6 | 4.66 | 14.0 | 48 | | 4.29 \| (40-140) | 50 |
| Aromatic C16-C21 | 32.7 | 2.53 | 33.7 | 95 | | 20 \| (40-140) | 50 |
| Aromatic C21-C36 | 52.4 | 0 | 46.2 | 88 | | 2.76 \| (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 |
|---|---|---|---|---|---|---|---|
| 1,2,3-Trimethylbenzene (C10.1) | 6.5 | 0.0174 | 4.0914 | 63 | | 3.23 \| (40-140) | 50 |
| Naphthalene (C11.7) | 6.5 | 0.0256 | 3.9334 | 60 | | 3.39 \| (40-140) | 50 |
| 2-Methylnaphthalene (C12.89) | 6.5 | 0.0251 | 3.6731 | 56 | | 3.64 \| (40-140) | 50 |
| Acenaphthylene (C15.06) | 6.5 | 0.0198 | 4.2409 | 65 | | 3.13 \| (40-140) | 50 |
| Acenaphthene (C15.5) | 6.5 | 0.0000 | 4.3457 | 67 | | 3.03 \| (40-140) | 50 |
| Flouorene (C16.55) | 6.5 | 0.0116 | 4.7286 | 73 | | 2.78 \| (40-140) | 50 |
| Phenanthrene (C19.36) | 6.5 | 0.0074 | 4.8057 | 74 | | 2.74 \| (40-140) | 50 |
| Anthracene (C19.43) | 6.5 | 0.0042 | 4.9010 | 75 | | 2.7 \| (40-140) | 50 |
| Pyrene (C20.8) | 6.5 | 0.0000 | 4.6533 | 72 | | 2.82 \| (40-140) | 50 |
| Fluoranthene (C21.85) | 6.5 | 0.0612 | 4.7658 | 72 | | 1.4 \| (40-140) | 50 |
| Benzo[a]anthracene (C26.37) | 6.5 | 0.0292 | 11.4626 | 176 | * | 2.88 \| (40-140) | 50 |
| Chrysene (C27.41) | 6.5 | 0.0397 | 9.2512 | 142 | * | 2.86 \| (40-140) | 50 |
| Bnezo[k]fluoranthene (C30.14) | 6.5 | 0.0172 | 9.8341 | 151 | * | 2.68 \| (40-140) | 50 |
| Dibenz[a,h]anthracene (C30.36) | 6.5 | 0.0631 | 9.3972 | 144 | * | 3.53 \| (40-140) | 50 |
| benzo[b]fluoranthene (C30.41) | 6.5 | 0.0189 | 10.8082 | 166 | * | 2.44 \| (40-140) | 50 |
| Benzo[a]pyrene (C31.34) | 6.5 | 0.0050 | 5.2704 | 81 | | 2.5 \| (40-140) | 50 |
| Benzo[g,h,i]perylene (C34.01) | 6.5 | 0.0113 | 5.8548 | 90 | | 3.39 \| (40-140) | 50 |
| Indeno[1,2,3-cd]pyrene (C35.01) | 6.5 | 0.0966 | 14.3815 | 220 | * | 3.23 \| (40-140) | 50 |

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## SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

**Lab Name:** Alliance **Client:** Remington & Vernick Engineers

**Lab Code:** ACE **SDG No:** Q3586

**Sample No :** Q3586-03MS **Datafile:** FG016960.D **Client ID :** SED-3MS

| COMPOUND | SPIKE ADDED mg/kg | SAMPLE CONCENTRATION mg/kg | MS/MSD CONCENTRATION mg/kg | % REC | Qual | QC LIMITS (%) |
|---|---|---|---|---|---|---|
| Aliphatic C9-C12 | 19.6 | 0.38 | 9.59 | 47 | | (40-140) |
| Aliphatic C12-C16 | 13.1 | 0.34 | 8.55 | 63 | | (40-140) |
| Aliphatic C16-C21 | 19.6 | 0.45 | 13.9 | 68 | | (40-140) |
| Aliphatic C21-C28 | 26.2 | 1.28 | 17.2 | 61 | | (40-140) |
| Aliphatic C28-C40 | 39.3 | 4.64 | 26.9 | 57 | | (40-140) |

| COMPOUND | SPIKE ADDED mg/kg | SAMPLE CONCENTRATION mg/kg | MS/MSD CONCENTRATION mg/kg | % REC | Qual | QC LIMITS (%) |
|---|---|---|---|---|---|---|
| n-Nonane (C9) | 6.5 | 0.0085 | 2.6093 | 40 | | (40-140) |
| n-Decane (C10) | 6.5 | 0.0231 | 3.1071 | 47 | | (40-140) |
| Naphthalene (C11.7) | 6.5 | 0.0100 | 0.0127 | 0 | * | (40-140) |
| n-Dodecane (C12) | 6.5 | 0.0412 | 3.4882 | 53 | | (40-140) |
| 2-methylnaphthalene (C12.89) | 6.5 | 0.0167 | 0.0214 | 0 | * | (40-140) |
| n-Tetradecane (C14) | 6.5 | 0.0387 | 3.8635 | 59 | | (40-140) |
| n-Hexadecane (C16) | 6.5 | 0.0242 | 4.2604 | 65 | | (40-140) |
| n-Octadecane (C18) | 6.5 | 0.0460 | 4.4257 | 67 | | (40-140) |
| n-Eicosane (C20) | 6.5 | 0.0478 | 4.5381 | 69 | | (40-140) |
| n-Heneicosane (C21) | 6.5 | 0.0828 | 4.6036 | 70 | | (40-140) |
| n-Docosane (C22) | 6.5 | 0.1224 | 4.4766 | 67 | | (40-140) |
| n-Tetracosane (C24) | 6.6 | 0.0998 | 4.2681 | 63 | | (40-140) |
| n-Hexacosane (C26) | 6.5 | 0.1113 | 4.1255 | 62 | | (40-140) |
| n-Octacosane (C28) | 6.5 | 0.1280 | 3.9400 | 59 | | (40-140) |
| n-Tricontane (C30) | 6.5 | 0.1491 | 3.6114 | 53 | | (40-140) |
| n-Dotriacontane (C32) | 6.5 | 0.1422 | 3.5159 | 52 | | (40-140) |
| n-Tetratriacontane (C34) | 6.5 | 0.1643 | 3.8081 | 56 | | (40-140) |
| n-Hexatriacontane (C36) | 6.5 | 0.2172 | 4.5077 | 66 | | (40-140) |
| n-Octatriacontane (C38) | 6.5 | 0.2855 | 5.2253 | 76 | | (40-140) |
| n-Tetracontane (C40) | 6.5 | 0.0888 | 5.0576 | 76 | | (40-140) |

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## SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

**Lab Name:** Alliance **Client:** Remington & Vernick Engineers

**Lab Code:** ACE **SDG No:** Q3586

**Sample No :** Q3586-03MSD **Datafile:** FG016961.D **Client ID :** SED-3MSD

| COMPOUND | SPIKE ADDED mg/kg | SAMPLE CONCENTRATION mg/kg | MS/MSD CONCENTRATION mg/kg | % REC | Qual | RPD \| | QC LIMITS (%) | QC Limit Of RPD |
|---|---|---|---|---|---|---|---|---|
| Aliphatic C9-C12 | 19.6 | 0.38 | 9.47 | 46 | | 1.29 \| | (40-140) | 50 |
| Aliphatic C12-C16 | 13.1 | 0.34 | 8.48 | 62 | | 0.96 \| | (40-140) | 50 |
| Aliphatic C16-C21 | 19.6 | 0.45 | 13.7 | 68 | | 1.47 \| | (40-140) | 50 |
| Aliphatic C21-C28 | 26.2 | 1.28 | 16.9 | 60 | | 1.99 \| | (40-140) | 50 |
| Aliphatic C28-C40 | 39.3 | 4.64 | 26.7 | 56 | | 0.89 \| | (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) | 6.5 | 0.0085 | 2.5740 | 39 | * | 2.53 \| | (40-140) | 50 |
| n-Decane (C10) | 6.5 | 0.0231 | 3.0639 | 47 | | 0 \| | (40-140) | 50 |
| Naphthalene (C11.7) | 6.5 | 0.0100 | 0.0104 | 0 | * | 0 \| | (40-140) | 50 |
| n-Dodecane (C12) | 6.5 | 0.0412 | 3.4272 | 52 | | 1.9 \| | (40-140) | 50 |
| 2-methylnaphthalene (C12.89) | 6.5 | 0.0167 | 0.0160 | 0 | * | 0 \| | (40-140) | 50 |
| n-Tetradecane (C14) | 6.5 | 0.0387 | 3.8167 | 58 | | 1.71 \| | (40-140) | 50 |
| n-Hexadecane (C16) | 6.5 | 0.0242 | 4.2067 | 64 | | 1.55 \| | (40-140) | 50 |
| n-Octadecane (C18) | 6.5 | 0.0460 | 4.3541 | 66 | | 1.5 \| | (40-140) | 50 |
| n-Eicosane (C20) | 6.5 | 0.0478 | 4.4893 | 68 | | 1.46 \| | (40-140) | 50 |
| n-Heneicosane (C21) | 6.5 | 0.0828 | 4.5310 | 68 | | 2.9 \| | (40-140) | 50 |
| n-Docosane (C22) | 6.5 | 0.1224 | 4.4342 | 66 | | 1.5 \| | (40-140) | 50 |
| n-Tetracosane (C24) | 6.6 | 0.0998 | 4.1979 | 62 | | 1.6 \| | (40-140) | 50 |
| n-Hexacosane (C26) | 6.5 | 0.1113 | 4.0650 | 61 | | 1.63 \| | (40-140) | 50 |
| n-Octacosane (C28) | 6.5 | 0.1280 | 3.8824 | 58 | | 1.71 \| | (40-140) | 50 |
| n-Tricontane (C30) | 6.5 | 0.1491 | 3.5522 | 52 | | 1.9 \| | (40-140) | 50 |
| n-Dotriacontane (C32) | 6.5 | 0.1422 | 3.4580 | 51 | | 1.94 \| | (40-140) | 50 |
| n-Tetratriacontane (C34) | 6.5 | 0.1643 | 3.7474 | 55 | | 1.8 \| | (40-140) | 50 |
| n-Hexatriacontane (C36) | 6.5 | 0.2172 | 4.4555 | 65 | | 1.53 \| | (40-140) | 50 |
| n-Octatriacontane (C38) | 6.5 | 0.2855 | 4.9740 | 72 | | 5.41 \| | (40-140) | 50 |
| n-Tetracontane (C40) | 6.5 | 0.0888 | 4.9568 | 75 | | 1.32 \| | (40-140) | 50 |

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

**Lab Name:** Alliance **Client:** Remington & Vernick Engineers

**Lab Code:** ACE **SDG No:** Q3586

**Sample No :** PB170577BS **Datafile:** FF016717.D **Client ID :** PB170577BS

| COMPOUND | SPIKE ADDED mg/kg | LCS/LCSD CONCENTRATION mg/kg | % REC | Qual | QC LIMITS (%) |
|---|---|---|---|---|---|
| Aromatic C10-C12 | 6.7 | 5.25 | 79 | | (40-140) |
| Aromatic C12-C16 | 10 | 8.68 | 87 | | (40-140) |
| Aromatic C16-C21 | 16.7 | 15.1 | 91 | | (40-140) |
| Aromatic C21-C36 | 26.6 | 26.4 | 99 | | (40-140) |

| COMPOUND | SPIKE ADDED mg/kg | LCS/LCSD CONCENTRATION mg/kg | % REC | Qual | QC LIMITS(%) |
|---|---|---|---|---|---|
| 1,2,3-Trimethylbenzene (C10.1) | 3.3 | 2.44449 | 74 | | (40-140) |
| Naphthalene (C11.7) | 3.3 | 2.80427 | 85 | | (40-140) |
| 2-Methylnaphthalene (C12.89) | 3.3 | 2.69687 | 82 | | (40-140) |
| Acenaphthylene (C15.06) | 3.3 | 2.98726 | 91 | | (40-140) |
| Acenaphthene (C15.5) | 3.3 | 2.99460 | 91 | | (40-140) |
| Flouorene (C16.55) | 3.3 | 3.17257 | 96 | | (40-140) |
| Phenanthrene (C19.36) | 3.3 | 3.08636 | 94 | | (40-140) |
| Anthracene (C19.43) | 3.3 | 2.84811 | 86 | | (40-140) |
| Fluoranthene (C21.85) | 3.3 | 2.96688 | 90 | | (40-140) |
| Pyrene (C20.8) | 3.3 | 2.95327 | 89 | | (40-140) |
| Benzo[a]anthracene (C26.37) | 3.3 | 3.27523 | 99 | | (40-140) |
| Chrysene (C27.41) | 3.3 | 3.18420 | 96 | | (40-140) |
| benzo[b]fluoranthene (C30.41) | 3.3 | 3.35681 | 102 | | (40-140) |
| Bnezo[k]fluoranthene (C30.14) | 3.3 | 3.13261 | 95 | | (40-140) |
| Benzo[a]pyrene (C31.34) | 3.3 | 3.36007 | 102 | | (40-140) |
| Indeno[1,2,3-cd]pyrene (C35.01) | 3.3 | 4.65676 | 140 | | (40-140) |
| Dibenz[a,h]anthracene (C30.36) | 3.3 | 2.85656 | 87 | | (40-140) |
| Benzo[g,h,i]perylene (C34.01) | 3.3 | 3.65312 | 111 | | (40-140) |

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

**Lab Name:** Alliance **Client:** Remington & Vernick Engineers

**Lab Code:** ACE **SDG No:** Q3586

**Sample No :** PB170577BSD **Datafile:** FF016718.D **Client ID :** PB170577BSD

| COMPOUND | SPIKE ADDED mg/kg | LCS/LCSD CONCENTRATION mg/kg | % REC | Qual | RPD \| | QC LIMITS (%) | QC Limit Of RPD |
|---|---|---|---|---|---|---|---|
| Aromatic C10-C12 | 6.7 | 4.78 | 72 | | 9.4\| | (40-140) | 25 |
| Aromatic C12-C16 | 10 | 7.91 | 79 | | 9.3\| | (40-140) | 25 |
| Aromatic C16-C21 | 16.7 | 13.7 | 82 | | 9.8\| | (40-140) | 25 |
| Aromatic C21-C36 | 26.6 | 24.2 | 91 | | 9.6\| | (40-140) | 25 |

| COMPOUND | SPIKE ADDED mg/kg | LCS/LCSD CONCENTRATION mg/kg | % REC | Qual | RPD \| | QC LIMITS(%) | QC Limit Of RPD |
|---|---|---|---|---|---|---|---|
| 1,2,3-Trimethylbenzene (C10.1) | 3.3 | 2.22843 | 68 | | 8.45\| | (40-140) | 25 |
| Naphthalene (C11.7) | 3.3 | 2.54983 | 77 | | 9.88\| | (40-140) | 25 |
| 2-Methylnaphthalene (C12.89) | 3.3 | 2.45250 | 74 | | 10.26\| | (40-140) | 25 |
| Acenaphthylene (C15.06) | 3.3 | 2.72131 | 82 | | 10.4\| | (40-140) | 25 |
| Acenaphthene (C15.5) | 3.3 | 2.73237 | 83 | | 9.2\| | (40-140) | 25 |
| Flouorene (C16.55) | 3.3 | 2.91102 | 88 | | 8.7\| | (40-140) | 25 |
| Phenanthrene (C19.36) | 3.3 | 2.80421 | 85 | | 10.06\| | (40-140) | 25 |
| Anthracene (C19.43) | 3.3 | 2.60062 | 79 | | 8.48\| | (40-140) | 25 |
| Fluoranthene (C21.85) | 3.3 | 2.68790 | 81 | | 10.53\| | (40-140) | 25 |
| Pyrene (C20.8) | 3.3 | 2.67651 | 81 | | 9.41\| | (40-140) | 25 |
| Benzo[a]anthracene (C26.37) | 3.3 | 2.95968 | 90 | | 9.52\| | (40-140) | 25 |
| Chrysene (C27.41) | 3.3 | 2.88280 | 87 | | 9.84\| | (40-140) | 25 |
| benzo[b]fluoranthene (C30.41) | 3.3 | 3.03739 | 92 | | 10.31\| | (40-140) | 25 |
| Bnezo[k]fluoranthene (C30.14) | 3.3 | 2.86089 | 87 | | 8.79\| | (40-140) | 25 |
| Benzo[a]pyrene (C31.34) | 3.3 | 3.04916 | 92 | | 10.31\| | (40-140) | 25 |
| Indeno[1,2,3-cd]pyrene (C35.01) | 3.3 | 4.28072 | 130 | | 8.12\| | (40-140) | 25 |
| Dibenz[a,h]anthracene (C30.36) | 3.3 | 2.76091 | 84 | | 3.51\| | (40-140) | 25 |
| Benzo[g,h,i]perylene (C34.01) | 3.3 | 3.28095 | 99 | | 11.43\| | (40-140) | 25 |

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

**Lab Name:** Alliance **Client:** Remington & Vernick Engineers

**Lab Code:** ACE **SDG No:** Q3586

**Sample No :** PB170577BS **Datafile:** FG016927.D **Client ID :** PB170577BS

| COMPOUND | SPIKE ADDED mg/kg | LCS/LCSD CONCENTRATION mg/kg | % REC | Qual | QC LIMITS (%) |
|---|---|---|---|---|---|
| Aliphatic C9-C12 | 10 | 5.57 | 56 | | (40-140) |
| Aliphatic C12-C16 | 6.7 | 5.04 | 76 | | (40-140) |
| Aliphatic C16-C21 | 10 | 8.70 | 87 | | (40-140) |
| Aliphatic C21-C28 | 13.3 | 11.0 | 83 | | (40-140) |
| Aliphatic C28-C40 | 20.0 | 16.5 | 83 | | (40-140) |

| COMPOUND | SPIKE ADDED mg/kg | LCS/LCSD CONCENTRATION mg/kg | % REC | Qual | QC LIMITS(%) |
|---|---|---|---|---|---|
| n-Nonane (C9) | 3.3 | 1.55454 | 47 | | (40-140) |
| n-Decane (C10) | 3.3 | 1.87240 | 57 | | (40-140) |
| Naphthalene (C11.7) | 3.3 | 0.00000 | 0 | * | (40-140) |
| n-Dodecane (C12) | 3.3 | 2.13160 | 65 | | (40-140) |
| 2-methylnaphthalene (C12.89) | 3.3 | 0.00000 | 0 | * | (40-140) |
| n-Tetradecane (C14) | 3.3 | 2.40658 | 73 | | (40-140) |
| n-Hexadecane (C16) | 3.3 | 2.62515 | 80 | | (40-140) |
| n-Octadecane (C18) | 3.3 | 2.76795 | 84 | | (40-140) |
| n-Eicosane (C20) | 3.3 | 2.94637 | 89 | | (40-140) |
| n-Heneicosane (C21) | 3.3 | 2.98377 | 90 | | (40-140) |
| n-Docosane (C22) | 3.3 | 2.93712 | 89 | | (40-140) |
| n-Tetracosane (C24) | 3.4 | 2.79723 | 82 | | (40-140) |
| n-Hexacosane (C26) | 3.3 | 2.71760 | 82 | | (40-140) |
| n-Octacosane (C28) | 3.3 | 2.60291 | 79 | | (40-140) |
| n-Tricontane (C30) | 3.3 | 2.37443 | 72 | | (40-140) |
| n-Dotriacontane (C32) | 3.3 | 2.31710 | 70 | | (40-140) |
| n-Tetratriacontane (C34) | 3.3 | 2.52969 | 77 | | (40-140) |
| n-Hexatriacontane (C36) | 3.3 | 2.93256 | 89 | | (40-140) |
| n-Octatriacontane (C38) | 3.3 | 3.32705 | 101 | | (40-140) |
| n-Tetracontane (C40) | 3.3 | 3.62189 | 110 | | (40-140) |

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

**Lab Name:** Alliance **Client:** Remington & Vernick Engineers

**Lab Code:** ACE **SDG No:** Q3586

**Sample No :** PB170577BSD **Datafile:** FG016928.D **Client ID :** PB170577BSD

| COMPOUND | SPIKE ADDED mg/kg | LCS/LCSD CONCENTRATION mg/kg | % REC | Qual | RPD \| | QC LIMITS (%) | QC Limit Of RPD |
|---|---|---|---|---|---|---|---|
| Aliphatic C9-C12 | 10 | 5.61 | 56 | | 0.6\| | (40-140) | 25 |
| Aliphatic C12-C16 | 6.7 | 5.07 | 76 | | 0.52\| | (40-140) | 25 |
| Aliphatic C16-C21 | 10 | 8.78 | 88 | | 0.86\| | (40-140) | 25 |
| Aliphatic C21-C28 | 13.3 | 11.1 | 83 | | 0.85\| | (40-140) | 25 |
| Aliphatic C28-C40 | 20.0 | 16.5 | 83 | | 0.0544\| | (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 | 1.56744 | 47 | | 0\| | (40-140) | 25 |
| n-Decane (C10) | 3.3 | 1.88798 | 57 | | 0\| | (40-140) | 25 |
| Naphthalene (C11.7) | 3.3 | 0.00000 | 0 | * | 0\| | (40-140) | 25 |
| n-Dodecane (C12) | 3.3 | 2.14813 | 65 | | 0\| | (40-140) | 25 |
| 2-methylnaphthalene (C12.89) | 3.3 | 0.00000 | 0 | * | 0\| | (40-140) | 25 |
| n-Tetradecane (C14) | 3.3 | 2.42590 | 74 | | 1.36\| | (40-140) | 25 |
| n-Hexadecane (C16) | 3.3 | 2.64323 | 80 | | 0\| | (40-140) | 25 |
| n-Octadecane (C18) | 3.3 | 2.79630 | 85 | | 1.18\| | (40-140) | 25 |
| n-Eicosane (C20) | 3.3 | 2.97445 | 90 | | 1.12\| | (40-140) | 25 |
| n-Heneicosane (C21) | 3.3 | 3.01273 | 91 | | 1.1\| | (40-140) | 25 |
| n-Docosane (C22) | 3.3 | 2.96219 | 90 | | 1.12\| | (40-140) | 25 |
| n-Tetracosane (C24) | 3.4 | 2.82008 | 83 | | 1.21\| | (40-140) | 25 |
| n-Hexacosane (C26) | 3.3 | 2.73810 | 83 | | 1.21\| | (40-140) | 25 |
| n-Octacosane (C28) | 3.3 | 2.62078 | 79 | | 0\| | (40-140) | 25 |
| n-Tricontane (C30) | 3.3 | 2.38649 | 72 | | 0\| | (40-140) | 25 |
| n-Dotriacontane (C32) | 3.3 | 2.32907 | 71 | | 1.42\| | (40-140) | 25 |
| n-Tetratriacontane (C34) | 3.3 | 2.53547 | 77 | | 0\| | (40-140) | 25 |
| n-Hexatriacontane (C36) | 3.3 | 2.93949 | 89 | | 0\| | (40-140) | 25 |
| n-Octatriacontane (C38) | 3.3 | 3.33514 | 101 | | 0\| | (40-140) | 25 |
| n-Tetracontane (C40) | 3.3 | 3.63188 | 110 | | 0\| | (40-140) | 25 |

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4B

# METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

PB170577BL

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3586

Instrument ID: FID_F Lab Sample ID: PB170577BL

Matrix: (soil/water) Solid Date Extracted: 11/17/2025 9:50:00

Level: (low/med) low

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

| CLIENT SAMPLE NO. | LAB SAMPLE ID |
|---|---|
| PB170577BS | PB170577BS |
| PB170577BSD | PB170577BSD |
| SED-1 | Q3586-01 |
| SED-2 | Q3586-02 |
| SED-3 | Q3586-03 |
| SED-3MS | Q3586-03MS |
| SED-3MSD | Q3586-03MSD |

COMMENTS:

# QC SAMPLE DATA

Raw Data: **FF016719.D**

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Remington & Vernick Engineers | Date Collected: | |
| Project: | Edison Landfill | Date Received: | |
| Client Sample ID: | PB170577BL | SDG No.: | Q3586 |
| Lab Sample ID: | PB170577BL | Matrix: | Solid |
| Analytical Method: | NJEPH | % Solid: | 100 |
| Sample Wt/Vol: | 30.01 g | Final Vol: 2000 uL | Test: EPH |
| Prep Method : | | Prep Date : 11/17/25 | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Datafile | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | | |
| Aliphatic C9-C12 | Aliphatic C9-C12 | 0.14 | U | 1 | 0.14 | 1.00 | mg/kg | FG016957.D | 11/20/25 11:09 | PB170577 |
| Aliphatic C12-C16 | Aliphatic C12-C16 | 0.11 | U | 1 | 0.11 | 0.67 | mg/kg | FG016957.D | 11/20/25 11:09 | PB170577 |
| Aliphatic C16-C21 | Aliphatic C16-C21 | 0.13 | U | 1 | 0.13 | 1.00 | mg/kg | FG016957.D | 11/20/25 11:09 | PB170577 |
| Aliphatic C21-C28 | Aliphatic C21-C28 | 0.53 | U | 1 | 0.53 | 1.33 | mg/kg | FG016957.D | 11/20/25 11:09 | PB170577 |
| Aliphatic C28-C40 | Aliphatic C28-C40 | 1.18 | U | 1 | 1.18 | 2.00 | mg/kg | FG016957.D | 11/20/25 11:09 | PB170577 |
| Aromatic C10-C12 | Aromatic C10-C12 | 0.12 | U | 1 | 0.12 | 0.67 | mg/kg | FF016719.D | 11/17/25 16:34 | PB170577 |
| Aromatic C12-C16 | Aromatic C12-C16 | 0.23 | U | 1 | 0.23 | 1.00 | mg/kg | FF016719.D | 11/17/25 16:34 | PB170577 |
| Aromatic C16-C21 | Aromatic C16-C21 | 0.40 | U | 1 | 0.40 | 1.67 | mg/kg | FF016719.D | 11/17/25 16:34 | PB170577 |
| Aromatic C21-C36 | Aromatic C21-C36 | 1.19 | U | 1 | 1.19 | 2.67 | mg/kg | FF016719.D | 11/17/25 16:34 | PB170577 |
| Total AliphaticEPH | Total AliphaticEPH | 2.09 | U | | 2.09 | 6.00 | mg/kg | | | |
| Total AromaticEPH | Total AromaticEPH | 1.94 | U | | 1.94 | 6.01 | mg/kg | | | |
| Total EPH | Total EPH | 4.03 | U | | 4.03 | 12.0 | mg/kg | | | |

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: **FF016719.D**

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick Engineers | | | Date Collected: | |
| Project: | Edison Landfill | | | Date Received: | |
| Client Sample ID: | PB170577BL | | | SDG No.: | Q3586 |
| Lab Sample ID: | PB170577BL | | | Matrix: | Solid |
| Analytical Method: | NJEPH | | | % Solid: | 100 |
| Sample Wt/Vol: | 30.01 g | Final Vol: | 2000 uL | Test: | EPH |
| Prep Method : | | Prep Date | 11/17/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| Aromatic C10-C12 | Aromatic C10-C12 | 0.12 | U | 1 | 0.12 | 0.67 | mg/kg | 11/17/25 | PB170577 |
| Aromatic C12-C16 | Aromatic C12-C16 | 0.23 | U | 1 | 0.23 | 1.00 | mg/kg | 11/17/25 | PB170577 |
| Aromatic C16-C21 | Aromatic C16-C21 | 0.40 | U | 1 | 0.40 | 1.67 | mg/kg | 11/17/25 | PB170577 |
| Aromatic C21-C36 | Aromatic C21-C36 | 1.19 | U | 1 | 1.19 | 2.67 | mg/kg | 11/17/25 | PB170577 |
| **SURROGATES** | | | | | | | | | |
| 580-13-2 | 2-Bromonaphthalene (SURR) | 50.6 | | | 40 - 140 | 101% | SPK: 50 | | |
| 321-60-8 | 2-Flurobiphenyl (SURR) | 53.3 | | | 40 - 140 | 106% | SPK: 50 | | |
| 84-15-1 | ortho-Terphenyl (SURR) | 40.2 | | | 40 - 140 | 80% | SPK: 50 | | |

Raw Data: **FF016719.D**

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# Quantitation Report For Aromatic EPH Range.

| | | | |
|---|---|---|---|
| Lab Sample ID: | PB170577BL | Acq On: | 17 Nov 2025 16:34 |
| Client Sample ID: | PB170577BL | Operator: | YP\AJ |
| Data file: | FF016719.D | Misc: | |
| Instrument: | FID_F | ALS Vial: | 73 |
| Dilution Factor: | 1 | Sample Multiplier: | 1.00 |

| Compound | R.T. | | Response | Conc | highest_standard | Units |
|---|---|---|---|---|---|---|
| Aromatic C10-C12 | 4.502 | 6.378 | 0 | 0 | 200 | ug/ml |
| Aromatic C12-C16 | 6.379 | 9.083 | 0 | 0 | 300 | ug/ml |
| Aromatic C16-C21 | 9.084 | 13.405 | 0 | 0 | 500 | ug/ml |
| Aromatic C21-C36 | 13.406 | 18.870 | 0 | 0 | 800 | ug/ml |
| Aromatic EPH | 4.502 | 18.870 | 0 | 0 | | ug/ml |
| 2-Bromonaphthalene (SURR) | 8.002 | 8.002 | 5732178 | 50.58 | | ug/ml |
| 2-Flurobiphenyl (SURR) | 8.879 | 8.879 | 3797616 | 53.25 | | ug/ml |
| ortho-Terphenyl (SURR) | 11.949 | 11.949 | 5908012 | 40.23 | | ug/ml |

Raw Data: **FG016957.D**

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick Engineers | | | Date Collected: | |
| Project: | Edison Landfill | | | Date Received: | |
| Client Sample ID: | PB170577BL | | | SDG No.: | Q3586 |
| Lab Sample ID: | PB170577BL | | | Matrix: | Solid |
| Analytical Method: | NJEPH | | | % Solid: | 100 |
| Sample Wt/Vol: | 30.01 g | Final Vol: | 2000 uL | Test: | EPH |
| Prep Method : | | Prep Date | 11/17/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| Aliphatic C9-C12 | Aliphatic C9-C12 | 0.14 | U | 1 | 0.14 | 1.00 | mg/kg | 11/20/25 | PB170577 |
| Aliphatic C12-C16 | Aliphatic C12-C16 | 0.11 | U | 1 | 0.11 | 0.67 | mg/kg | 11/20/25 | PB170577 |
| Aliphatic C16-C21 | Aliphatic C16-C21 | 0.13 | U | 1 | 0.13 | 1.00 | mg/kg | 11/20/25 | PB170577 |
| Aliphatic C21-C28 | Aliphatic C21-C28 | 0.53 | U | 1 | 0.53 | 1.33 | mg/kg | 11/20/25 | PB170577 |
| Aliphatic C28-C40 | Aliphatic C28-C40 | 1.18 | U | 1 | 1.18 | 2.00 | mg/kg | 11/20/25 | PB170577 |
| **SURROGATES** | | | | | | | | | |
| 3383-33-2 | 1-chlorooctadecane (SURR) | 24.8 | | | 40 - 140 | 50% | SPK: 50 | | |
| 84-15-1 | ortho-Terphenyl (SURR) | 0.00 | | | 40 - 140 | 0% | SPK: 50 | | |

Raw Data: **FG016957.D**

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# Quantitation Report For Aliphatic EPH Range.

| | | | |
|---|---|---|---|
| Lab Sample ID: | PB170577BL | Acq On: | 20 Nov 2025 11:09 |
| Client Sample ID: | PB170577BL | Operator: | YP\AJ |
| Data file: | FG016957.D | Misc: | |
| Instrument: | FID_G | ALS Vial: | 21 |
| Dilution Factor: | 1 | Sample Multiplier: | 1.00 |

| Compound | R.T. | | Response | Conc | highest_standard | Units |
|---|---|---|---|---|---|---|
| Aliphatic C9-C12 | 3.258 | 6.899 | 0 | 0 | 300 | ug/ml |
| Aliphatic C12-C16 | 6.900 | 10.356 | 0 | 0 | 200 | ug/ml |
| Aliphatic C16-C21 | 10.357 | 13.743 | 0 | 0 | 300 | ug/ml |
| Aliphatic C21-C28 | 13.744 | 17.429 | 0 | 0 | 400 | ug/ml |
| Aliphatic C28-C40 | 17.430 | 22.445 | 0 | 0 | 600 | ug/ml |
| Aliphatic EPH | 3.258 | 22.445 | 0 | 0 | | ug/ml |
| ortho-Terphenyl (SURR) | 0.000 | 0.000 | 0 | 0 | | ug/ml |
| 1-chlorooctadecane (SURR) | 13.478 | 13.478 | 2987792 | 24.81 | | ug/ml |
| Aliphatic C9-C28 | 3.258 | 17.429 | 0 | 0 | 1200 | ug/ml |

Raw Data: **FF016717.D**

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Remington & Vernick Engineers | Date Collected: | |
| Project: | Edison Landfill | Date Received: | |
| Client Sample ID: | PB170577BS | SDG No.: | Q3586 |
| Lab Sample ID: | PB170577BS | Matrix: | Solid |
| Analytical Method: | NJEPH | % Solid: | 100 |
| Sample Wt/Vol: | 30.03 g | Final Vol: 2000 uL | Test: EPH |
| Prep Method : | | Prep Date : 11/17/25 | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Datafile | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | | |
| Aliphatic C9-C12 | Aliphatic C9-C12 | 5.57 | | 1 | 0.14 | 1.00 | mg/kg | FG016927.D | 11/17/25 17:03 | PB170577 |
| Aliphatic C12-C16 | Aliphatic C12-C16 | 5.04 | | 1 | 0.11 | 0.67 | mg/kg | FG016927.D | 11/17/25 17:03 | PB170577 |
| Aliphatic C16-C21 | Aliphatic C16-C21 | 8.70 | | 1 | 0.13 | 1.00 | mg/kg | FG016927.D | 11/17/25 17:03 | PB170577 |
| Aliphatic C21-C28 | Aliphatic C21-C28 | 11.0 | | 1 | 0.53 | 1.33 | mg/kg | FG016927.D | 11/17/25 17:03 | PB170577 |
| Aliphatic C28-C40 | Aliphatic C28-C40 | 16.5 | | 1 | 1.18 | 2.00 | mg/kg | FG016927.D | 11/17/25 17:03 | PB170577 |
| Aromatic C10-C12 | Aromatic C10-C12 | 5.25 | | 1 | 0.12 | 0.67 | mg/kg | FF016717.D | 11/17/25 15:00 | PB170577 |
| Aromatic C12-C16 | Aromatic C12-C16 | 8.68 | | 1 | 0.23 | 1.00 | mg/kg | FF016717.D | 11/17/25 15:00 | PB170577 |
| Aromatic C16-C21 | Aromatic C16-C21 | 15.1 | | 1 | 0.40 | 1.67 | mg/kg | FF016717.D | 11/17/25 15:00 | PB170577 |
| Aromatic C21-C36 | Aromatic C21-C36 | 26.4 | | 1 | 1.19 | 2.66 | mg/kg | FF016717.D | 11/17/25 15:00 | PB170577 |
| Total AliphaticEPH | Total AliphaticEPH | 46.8 | | | 2.09 | 5.99 | mg/kg | | | |
| Total AromaticEPH | Total AromaticEPH | 55.4 | | | 1.94 | 6.00 | mg/kg | | | |
| Total EPH | Total EPH | 102 | | | 4.03 | 12.0 | mg/kg | | | |

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: **FF016717.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick Engineers | | | Date Collected: | |
| Project: | Edison Landfill | | | Date Received: | |
| Client Sample ID: | PB170577BS | | | SDG No.: | Q3586 |
| Lab Sample ID: | PB170577BS | | | Matrix: | Solid |
| Analytical Method: | NJEPH | | | % Solid: | 100 |
| Sample Wt/Vol: | 30.03 g | Final Vol: | 2000 uL | Test: | EPH |
| Prep Method : | | Prep Date | 11/17/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| Aromatic C10-C12 | Aromatic C10-C12 | 5.25 | | 1 | 0.12 | 0.67 | mg/kg | 11/17/25 | PB170577 |
| Aromatic C12-C16 | Aromatic C12-C16 | 8.68 | | 1 | 0.23 | 1.00 | mg/kg | 11/17/25 | PB170577 |
| Aromatic C16-C21 | Aromatic C16-C21 | 15.1 | | 1 | 0.40 | 1.67 | mg/kg | 11/17/25 | PB170577 |
| Aromatic C21-C36 | Aromatic C21-C36 | 26.4 | | 1 | 1.19 | 2.66 | mg/kg | 11/17/25 | PB170577 |
| **SURROGATES** | | | | | | | | | |
| 580-13-2 | 2-Bromonaphthalene (SURR) | 58.8 | | | 40 - 140 | 118% | SPK: 50 | | |
| 321-60-8 | 2-Flurobiphenyl (SURR) | 59.7 | | | 40 - 140 | 119% | SPK: 50 | | |
| 84-15-1 | ortho-Terphenyl (SURR) | 43.4 | | | 40 - 140 | 87% | SPK: 50 | | |

Raw Data: **FF016717.D**

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# Quantitation Report For Aromatic EPH Range.

| | | | |
|---|---|---|---|
| Lab Sample ID: | PB170577BS | Acq On: | 17 Nov 2025 15:00 |
| Client Sample ID: | PB170577BS | Operator: | YP\AJ |
| Data file: | FF016717.D | Misc: | |
| Instrument: | FID_F | ALS Vial: | 71 |
| Dilution Factor: | 1 | Sample Multiplier: | 1.00 |

| Compound | R.T. | | Response | Conc | highest_standard | Units |
|---|---|---|---|---|---|---|
| Aromatic C10-C12 | 4.502 | 6.378 | 10401850 | 78.824 | 200 | ug/ml |
| Aromatic C12-C16 | 6.379 | 9.083 | 17623690 | 130.385 | 300 | ug/ml |
| Aromatic C16-C21 | 9.084 | 13.405 | 30315057 | 226.666 | 500 | ug/ml |
| Aromatic C21-C36 | 13.406 | 18.870 | 46709752 | 396.968 | 800 | ug/ml |
| Aromatic EPH | 4.502 | 18.870 | 105050349 | 832.843 | | ug/ml |
| 2-Bromonaphthalene (SURR) | 8.005 | 8.005 | 6657703 | 58.75 | | ug/ml |
| 2-Flurobiphenyl (SURR) | 8.883 | 8.883 | 4257234 | 59.69 | | ug/ml |
| ortho-Terphenyl (SURR) | 11.951 | 11.951 | 6379745 | 43.44 | | ug/ml |

Raw Data: **FG016927.D**

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick Engineers | | | Date Collected: | |
| Project: | Edison Landfill | | | Date Received: | |
| Client Sample ID: | PB170577BS | | | SDG No.: | Q3586 |
| Lab Sample ID: | PB170577BS | | | Matrix: | Solid |
| Analytical Method: | NJEPH | | | % Solid: | 100 |
| Sample Wt/Vol: | 30.03 g | Final Vol: | 2000 uL | Test: | EPH |
| Prep Method : | | Prep Date | 11/17/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| Aliphatic C9-C12 | Aliphatic C9-C12 | 5.57 | | 1 | 0.14 | 1.00 | mg/kg | 11/17/25 | PB170577 |
| Aliphatic C12-C16 | Aliphatic C12-C16 | 5.04 | | 1 | 0.11 | 0.67 | mg/kg | 11/17/25 | PB170577 |
| Aliphatic C16-C21 | Aliphatic C16-C21 | 8.70 | | 1 | 0.13 | 1.00 | mg/kg | 11/17/25 | PB170577 |
| Aliphatic C21-C28 | Aliphatic C21-C28 | 11.0 | | 1 | 0.53 | 1.33 | mg/kg | 11/17/25 | PB170577 |
| Aliphatic C28-C40 | Aliphatic C28-C40 | 16.5 | | 1 | 1.18 | 2.00 | mg/kg | 11/17/25 | PB170577 |
| **SURROGATES** | | | | | | | | | |
| 3383-33-2 | 1-chlorooctadecane (SURR) | 24.6 | | | 40 - 140 | 49% | SPK: 50 | | |
| 84-15-1 | ortho-Terphenyl (SURR) | 0.00 | | | 40 - 140 | 0% | SPK: 50 | | |

Raw Data: **FG016927.D**

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

# Quantitation Report For Aliphatic EPH Range.

| | | | |
|---|---|---|---|
| Lab Sample ID: | PB170577BS | Acq On: | 17 Nov 2025 17:03 |
| Client Sample ID: | PB170577BS | Operator: | YP\AJ |
| Data file: | FG016927.D | Misc: | |
| Instrument: | FID_G | ALS Vial: | 22 |
| Dilution Factor: | 1 | Sample Multiplier: | 1.00 |

| Compound | R.T. | | Response | Conc | highest_standard | Units |
|---|---|---|---|---|---|---|
| Aliphatic C9-C12 | 3.260 | 6.901 | 10197699 | 83.585 | 300 | ug/ml |
| Aliphatic C12-C16 | 6.902 | 10.358 | 9288354 | 75.607 | 200 | ug/ml |
| Aliphatic C16-C21 | 10.359 | 13.749 | 17291968 | 130.608 | 300 | ug/ml |
| Aliphatic C21-C28 | 13.750 | 17.436 | 23062370 | 165.875 | 400 | ug/ml |
| Aliphatic C28-C40 | 17.437 | 22.460 | 28152650 | 247.399 | 600 | ug/ml |
| Aliphatic EPH | 3.260 | 22.460 | 87993041 | 703.074 | | ug/ml |
| ortho-Terphenyl (SURR) | 0.000 | 0.000 | 0 | 0 | | ug/ml |
| 1-chlorooctadecane (SURR) | 13.480 | 13.480 | 2963779 | 24.61 | | ug/ml |
| Aliphatic C9-C28 | 3.260 | 17.436 | 59840391 | 455.675 | 1200 | ug/ml |

Raw Data: **FF016718.D**

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Remington & Vernick Engineers | Date Collected: | |
| Project: | Edison Landfill | Date Received: | |
| Client Sample ID: | PB170577BSD | SDG No.: | Q3586 |
| Lab Sample ID: | PB170577BSD | Matrix: | Solid |
| Analytical Method: | NJEPH | % Solid: | 100 |
| Sample Wt/Vol: | 30.02 g | Final Vol: 2000 uL | Test: EPH |
| Prep Method : | | Prep Date : 11/17/25 | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Datafile | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | | |
| Aliphatic C9-C12 | Aliphatic C9-C12 | 5.61 | | 1 | 0.14 | 1.00 | mg/kg | FG016928.D | 11/17/25 17:32 | PB170577 |
| Aliphatic C12-C16 | Aliphatic C12-C16 | 5.07 | | 1 | 0.11 | 0.67 | mg/kg | FG016928.D | 11/17/25 17:32 | PB170577 |
| Aliphatic C16-C21 | Aliphatic C16-C21 | 8.78 | | 1 | 0.13 | 1.00 | mg/kg | FG016928.D | 11/17/25 17:32 | PB170577 |
| Aliphatic C21-C28 | Aliphatic C21-C28 | 11.1 | | 1 | 0.53 | 1.33 | mg/kg | FG016928.D | 11/17/25 17:32 | PB170577 |
| Aliphatic C28-C40 | Aliphatic C28-C40 | 16.5 | | 1 | 1.18 | 2.00 | mg/kg | FG016928.D | 11/17/25 17:32 | PB170577 |
| Aromatic C10-C12 | Aromatic C10-C12 | 4.78 | | 1 | 0.12 | 0.67 | mg/kg | FF016718.D | 11/17/25 15:30 | PB170577 |
| Aromatic C12-C16 | Aromatic C12-C16 | 7.91 | | 1 | 0.23 | 1.00 | mg/kg | FF016718.D | 11/17/25 15:30 | PB170577 |
| Aromatic C16-C21 | Aromatic C16-C21 | 13.7 | | 1 | 0.40 | 1.67 | mg/kg | FF016718.D | 11/17/25 15:30 | PB170577 |
| Aromatic C21-C36 | Aromatic C21-C36 | 24.2 | | 1 | 1.19 | 2.66 | mg/kg | FF016718.D | 11/17/25 15:30 | PB170577 |
| Total AliphaticEPH | Total AliphaticEPH | 47.1 | | | 2.09 | 5.99 | mg/kg | | | |
| Total AromaticEPH | Total AromaticEPH | 50.6 | | | 1.94 | 6.00 | mg/kg | | | |
| Total EPH | Total EPH | 97.7 | | | 4.03 | 12.0 | mg/kg | | | |

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: **FF016718.D**

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick Engineers | | | Date Collected: | |
| Project: | Edison Landfill | | | Date Received: | |
| Client Sample ID: | PB170577BSD | | | SDG No.: | Q3586 |
| Lab Sample ID: | PB170577BSD | | | Matrix: | Solid |
| Analytical Method: | NJEPH | | | % Solid: | 100 |
| Sample Wt/Vol: | 30.02 g | Final Vol: | 2000 uL | Test: | EPH |
| Prep Method : | | Prep Date | 11/17/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| Aromatic C10-C12 | Aromatic C10-C12 | 4.78 | | 1 | 0.12 | 0.67 | mg/kg | 11/17/25 | PB170577 |
| Aromatic C12-C16 | Aromatic C12-C16 | 7.91 | | 1 | 0.23 | 1.00 | mg/kg | 11/17/25 | PB170577 |
| Aromatic C16-C21 | Aromatic C16-C21 | 13.7 | | 1 | 0.40 | 1.67 | mg/kg | 11/17/25 | PB170577 |
| Aromatic C21-C36 | Aromatic C21-C36 | 24.2 | | 1 | 1.19 | 2.66 | mg/kg | 11/17/25 | PB170577 |
| **SURROGATES** | | | | | | | | | |
| 580-13-2 | 2-Bromonaphthalene (SURR) | 53.6 | | | 40 - 140 | 107% | SPK: 50 | | |
| 321-60-8 | 2-Flurobiphenyl (SURR) | 54.5 | | | 40 - 140 | 109% | SPK: 50 | | |
| 84-15-1 | ortho-Terphenyl (SURR) | 39.6 | | | 40 - 140 | 79% | SPK: 50 | | |

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# Quantitation Report For Aromatic EPH Range.

| | | | |
|---|---|---|---|
| Lab Sample ID: | PB170577BSD | Acq On: | 17 Nov 2025 15:30 |
| Client Sample ID: | PB170577BSD | Operator: | YP\AJ |
| Data file: | FF016718.D | Misc: | |
| Instrument: | FID_F | ALS Vial: | 72 |
| Dilution Factor: | 1 | Sample Multiplier: | 1.00 |

| Compound | R.T. | | Response | Conc | highest_standard | Units |
|---|---|---|---|---|---|---|
| Aromatic C10-C12 | 4.502 | 6.378 | 9466234 | 71.734 | 200 | ug/ml |
| Aromatic C12-C16 | 6.379 | 9.083 | 16049820 | 118.741 | 300 | ug/ml |
| Aromatic C16-C21 | 9.084 | 13.405 | 27586485 | 206.265 | 500 | ug/ml |
| Aromatic C21-C36 | 13.406 | 18.870 | 42706384 | 362.945 | 800 | ug/ml |
| Aromatic EPH | 4.502 | 18.870 | 95808923 | 759.685 | | ug/ml |
| ortho-Terphenyl (SURR) | 11.953 | 11.953 | 5813344 | 39.59 | | ug/ml |
| 2-Bromonaphthalene (SURR) | 8.010 | 8.010 | 6072329 | 53.58 | | ug/ml |
| 2-Flurobiphenyl (SURR) | 8.886 | 8.886 | 3887536 | 54.51 | | ug/ml |

Raw Data: **FG016928.D**

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick Engineers | | | Date Collected: | |
| Project: | Edison Landfill | | | Date Received: | |
| Client Sample ID: | PB170577BSD | | | SDG No.: | Q3586 |
| Lab Sample ID: | PB170577BSD | | | Matrix: | Solid |
| Analytical Method: | NJEPH | | | % Solid: | 100 |
| Sample Wt/Vol: | 30.02 g | Final Vol: | 2000 uL | Test: | EPH |
| Prep Method : | | Prep Date | 11/17/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| Aliphatic C9-C12 | Aliphatic C9-C12 | 5.61 | | 1 | 0.14 | 1.00 | mg/kg | 11/17/25 | PB170577 |
| Aliphatic C12-C16 | Aliphatic C12-C16 | 5.07 | | 1 | 0.11 | 0.67 | mg/kg | 11/17/25 | PB170577 |
| Aliphatic C16-C21 | Aliphatic C16-C21 | 8.78 | | 1 | 0.13 | 1.00 | mg/kg | 11/17/25 | PB170577 |
| Aliphatic C21-C28 | Aliphatic C21-C28 | 11.1 | | 1 | 0.53 | 1.33 | mg/kg | 11/17/25 | PB170577 |
| Aliphatic C28-C40 | Aliphatic C28-C40 | 16.5 | | 1 | 1.18 | 2.00 | mg/kg | 11/17/25 | PB170577 |
| **SURROGATES** | | | | | | | | | |
| 3383-33-2 | 1-chlorooctadecane (SURR) | 24.8 | | | 40 - 140 | 50% | SPK: 50 | | |
| 84-15-1 | ortho-Terphenyl (SURR) | 0.00 | | | 40 - 140 | 0% | SPK: 50 | | |

Raw Data: **FG016928.D**

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# Quantitation Report For Aliphatic EPH Range.

| | | | |
|---|---|---|---|
| Lab Sample ID: | PB170577BSD | Acq On: | 17 Nov 2025 17:32 |
| Client Sample ID: | PB170577BSD | Operator: | YP\AJ |
| Data file: | FG016928.D | Misc: | |
| Instrument: | FID_G | ALS Vial: | 23 |
| Dilution Factor: | 1 | Sample Multiplier: | 1.00 |

| Compound | R.T. | | Response | Conc | highest_standard | Units |
|---|---|---|---|---|---|---|
| Aliphatic C9-C12 | 3.260 | 6.901 | 10276857 | 84.234 | 300 | ug/ml |
| Aliphatic C12-C16 | 6.902 | 10.358 | 9354182 | 76.142 | 200 | ug/ml |
| Aliphatic C16-C21 | 10.359 | 13.749 | 17455890 | 131.846 | 300 | ug/ml |
| Aliphatic C21-C28 | 13.750 | 17.436 | 23234451 | 167.113 | 400 | ug/ml |
| Aliphatic C28-C40 | 17.437 | 22.460 | 28239240 | 248.16 | 600 | ug/ml |
| Aliphatic EPH | 3.260 | 22.460 | 88560620 | 707.495 | | ug/ml |
| ortho-Terphenyl (SURR) | 0.000 | 0.000 | 0 | 0 | | ug/ml |
| 1-chlorooctadecane (SURR) | 13.480 | 13.480 | 2989856 | 24.83 | | ug/ml |
| Aliphatic C9-C28 | 3.260 | 17.436 | 60321380 | 459.335 | 1200 | ug/ml |

Raw Data: **FF016726.D**

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Remington & Vernick Engineers | Date Collected: | |
| Project: | Edison Landfill | Date Received: | |
| Client Sample ID: | SED-3MS | SDG No.: | Q3586 |
| Lab Sample ID: | Q3586-03MS | Matrix: | Solid |
| Analytical Method: | NJEPH | % Solid: | 50.9 |
| Sample Wt/Vol: | 30.03 g | Final Vol: 2000 uL | Test: EPH |
| Prep Method : | | Prep Date : 11/17/25 | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Datafile | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | | |
| Aliphatic C9-C12 | Aliphatic C9-C12 | 9.59 | | 1 | 0.28 | 1.96 | mg/kg | FG016960.D | 11/20/25 14:56 | PB170577 |
| Aliphatic C12-C16 | Aliphatic C12-C16 | 8.55 | | 1 | 0.22 | 1.31 | mg/kg | FG016960.D | 11/20/25 14:56 | PB170577 |
| Aliphatic C16-C21 | Aliphatic C16-C21 | 13.9 | | 1 | 0.26 | 1.96 | mg/kg | FG016960.D | 11/20/25 14:56 | PB170577 |
| Aliphatic C21-C28 | Aliphatic C21-C28 | 17.2 | | 1 | 1.04 | 2.62 | mg/kg | FG016960.D | 11/20/25 14:56 | PB170577 |
| Aliphatic C28-C40 | Aliphatic C28-C40 | 26.9 | | 1 | 2.32 | 3.93 | mg/kg | FG016960.D | 11/20/25 14:56 | PB170577 |
| Aromatic C10-C12 | Aromatic C10-C12 | 8.12 | | 1 | 0.24 | 1.31 | mg/kg | FF016726.D | 11/17/25 19:59 | PB170577 |
| Aromatic C12-C16 | Aromatic C12-C16 | 13.6 | | 1 | 0.45 | 1.96 | mg/kg | FF016726.D | 11/17/25 19:59 | PB170577 |
| Aromatic C16-C21 | Aromatic C16-C21 | 27.8 | | 1 | 0.79 | 3.27 | mg/kg | FF016726.D | 11/17/25 19:59 | PB170577 |
| Aromatic C21-C36 | Aromatic C21-C36 | 44.9 | | 1 | 2.34 | 5.23 | mg/kg | FF016726.D | 11/17/25 19:59 | PB170577 |
| Total AliphaticEPH | Total AliphaticEPH | 76.1 | | | 4.11 | 11.8 | mg/kg | | | |
| Total AromaticEPH | Total AromaticEPH | 94.4 | | | 3.81 | 11.8 | mg/kg | | | |
| Total EPH | Total EPH | 171 | | | 7.92 | 23.6 | mg/kg | | | |

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: **FF016726.D**

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick Engineers | | | Date Collected: | |
| Project: | Edison Landfill | | | Date Received: | |
| Client Sample ID: | SED-3MS | | | SDG No.: | Q3586 |
| Lab Sample ID: | Q3586-03MS | | | Matrix: | Solid |
| Analytical Method: | NJEPH | | | % Solid: | 50.9 |
| Sample Wt/Vol: | 30.03 g | Final Vol: | 2000 uL | Test: | EPH |
| Prep Method : | | Prep Date | 11/17/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| Aromatic C10-C12 | Aromatic C10-C12 | 8.12 | | 1 | 0.24 | 1.31 | mg/kg | 11/17/25 | PB170577 |
| Aromatic C12-C16 | Aromatic C12-C16 | 13.6 | | 1 | 0.45 | 1.96 | mg/kg | 11/17/25 | PB170577 |
| Aromatic C16-C21 | Aromatic C16-C21 | 27.8 | | 1 | 0.79 | 3.27 | mg/kg | 11/17/25 | PB170577 |
| Aromatic C21-C36 | Aromatic C21-C36 | 44.9 | | 1 | 2.34 | 5.23 | mg/kg | 11/17/25 | PB170577 |
| **SURROGATES** | | | | | | | | | |
| 580-13-2 | 2-Bromonaphthalene (SURR) | 46.9 | | | 40 - 140 | 94% | SPK: 50 | | |
| 321-60-8 | 2-Flurobiphenyl (SURR) | 50.2 | | | 40 - 140 | 100% | SPK: 50 | | |
| 84-15-1 | ortho-Terphenyl (SURR) | 34.5 | | | 40 - 140 | 69% | SPK: 50 | | |

Raw Data: **FF016726.D**

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# Quantitation Report For Aromatic EPH Range.

| | | | |
|---|---|---|---|
| Lab Sample ID: | Q3586-03MS | Acq On: | 17 Nov 2025 19:59 |
| Client Sample ID: | SED-3MS | Operator: | YP\AJ |
| Data file: | FF016726.D | Misc: | |
| Instrument: | FID_F | ALS Vial: | 80 |
| Dilution Factor: | 1 | Sample Multiplier: | 1.00 |

| Compound | R.T. | | Response | Conc | highest_standard | Units |
|---|---|---|---|---|---|---|
| Aromatic C10-C12 | 4.502 | 6.378 | 8187001 | 62.04 | 200 | ug/ml |
| Aromatic C12-C16 | 6.379 | 9.083 | 14077774 | 104.151 | 300 | ug/ml |
| Aromatic C16-C21 | 9.084 | 13.405 | 28459302 | 212.791 | 500 | ug/ml |
| Aromatic C21-C36 | 13.406 | 18.870 | 40420856 | 343.521 | 800 | ug/ml |
| Aromatic EPH | 4.502 | 18.870 | 91144933 | 722.503 | | ug/ml |
| ortho-Terphenyl (SURR) | 11.953 | 11.953 | 5071986 | 34.54 | | ug/ml |
| 2-Bromonaphthalene (SURR) | 8.010 | 8.010 | 5315856 | 46.91 | | ug/ml |
| 2-Flurobiphenyl (SURR) | 8.886 | 8.886 | 3581574 | 50.22 | | ug/ml |

Raw Data: **FG016960.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick Engineers | | | Date Collected: | |
| Project: | Edison Landfill | | | Date Received: | |
| Client Sample ID: | SED-3MS | | | SDG No.: | Q3586 |
| Lab Sample ID: | Q3586-03MS | | | Matrix: | Solid |
| Analytical Method: | NJEPH | | | % Solid: | 50.9 |
| Sample Wt/Vol: | 30.03 g | Final Vol: | 2000 uL | Test: | EPH |
| Prep Method : | | Prep Date | 11/17/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| Aliphatic C9-C12 | Aliphatic C9-C12 | 9.59 | | 1 | 0.28 | 1.96 | mg/kg | 11/20/25 | PB170577 |
| Aliphatic C12-C16 | Aliphatic C12-C16 | 8.55 | | 1 | 0.22 | 1.31 | mg/kg | 11/20/25 | PB170577 |
| Aliphatic C16-C21 | Aliphatic C16-C21 | 13.9 | | 1 | 0.26 | 1.96 | mg/kg | 11/20/25 | PB170577 |
| Aliphatic C21-C28 | Aliphatic C21-C28 | 17.2 | | 1 | 1.04 | 2.62 | mg/kg | 11/20/25 | PB170577 |
| Aliphatic C28-C40 | Aliphatic C28-C40 | 26.9 | | 1 | 2.32 | 3.93 | mg/kg | 11/20/25 | PB170577 |
| **SURROGATES** | | | | | | | | | |
| 3383-33-2 | 1-chlorooctadecane (SURR) | 56.1 | | | 40 - 140 | 112% | SPK: 50 | | |
| 84-15-1 | ortho-Terphenyl (SURR) | 0.00 | | | 40 - 140 | 0% | SPK: 50 | | |

Raw Data: **FG016960.D**

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# Quantitation Report For Aliphatic EPH Range.

| | | | |
|---|---|---|---|
| Lab Sample ID: | Q3586-03MS | Acq On: | 20 Nov 2025 14:56 |
| Client Sample ID: | SED-3MS | Operator: | YP\AJ |
| Data file: | FG016960.D | Misc: | |
| Instrument: | FID_G | ALS Vial: | 24 |
| Dilution Factor: | 1 | Sample Multiplier: | 1.00 |

| Compound | R.T. | | Response | Conc | highest_standard | Units |
|---|---|---|---|---|---|---|
| Aliphatic C9-C12 | 3.258 | 6.899 | 8943130 | 73.302 | 300 | ug/ml |
| Aliphatic C12-C16 | 6.900 | 10.356 | 8027210 | 65.341 | 200 | ug/ml |
| Aliphatic C16-C21 | 10.357 | 13.743 | 14073690 | 106.3 | 300 | ug/ml |
| Aliphatic C21-C28 | 13.744 | 17.429 | 18245505 | 131.23 | 400 | ug/ml |
| Aliphatic C28-C40 | 17.430 | 22.445 | 23400015 | 205.634 | 600 | ug/ml |
| Aliphatic EPH | 3.258 | 22.445 | 72689550 | 581.807 | | ug/ml |
| ortho-Terphenyl (SURR) | 0.000 | 0.000 | 0 | 0 | | ug/ml |
| 1-chlorooctadecane (SURR) | 13.480 | 13.480 | 6757299 | 56.11 | | ug/ml |
| Aliphatic C9-C28 | 3.258 | 17.429 | 49289535 | 376.173 | 1200 | ug/ml |

Raw Data: **FF016727.D**

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Remington & Vernick Engineers | Date Collected: | |
| Project: | Edison Landfill | Date Received: | |
| Client Sample ID: | SED-3MSD | SDG No.: | Q3586 |
| Lab Sample ID: | Q3586-03MSD | Matrix: | Solid |
| Analytical Method: | NJEPH | % Solid: | 50.9 |
| Sample Wt/Vol: | 30.01 g | Final Vol: 2000 uL | Test: EPH |
| Prep Method : | | Prep Date : 11/17/25 | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Datafile | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | | |
| Aliphatic C9-C12 | Aliphatic C9-C12 | 9.47 | | 1 | 0.28 | 1.96 | mg/kg | FG016961.D | 11/20/25 15:41 | PB170577 |
| Aliphatic C12-C16 | Aliphatic C12-C16 | 8.48 | | 1 | 0.22 | 1.31 | mg/kg | FG016961.D | 11/20/25 15:41 | PB170577 |
| Aliphatic C16-C21 | Aliphatic C16-C21 | 13.7 | | 1 | 0.26 | 1.96 | mg/kg | FG016961.D | 11/20/25 15:41 | PB170577 |
| Aliphatic C21-C28 | Aliphatic C21-C28 | 16.9 | | 1 | 1.04 | 2.62 | mg/kg | FG016961.D | 11/20/25 15:41 | PB170577 |
| Aliphatic C28-C40 | Aliphatic C28-C40 | 26.7 | | 1 | 2.32 | 3.93 | mg/kg | FG016961.D | 11/20/25 15:41 | PB170577 |
| Aromatic C10-C12 | Aromatic C10-C12 | 8.32 | | 1 | 0.24 | 1.31 | mg/kg | FF016727.D | 11/17/25 20:29 | PB170577 |
| Aromatic C12-C16 | Aromatic C12-C16 | 14.0 | | 1 | 0.45 | 1.96 | mg/kg | FF016727.D | 11/17/25 20:29 | PB170577 |
| Aromatic C16-C21 | Aromatic C16-C21 | 33.7 | | 1 | 0.79 | 3.27 | mg/kg | FF016727.D | 11/17/25 20:29 | PB170577 |
| Aromatic C21-C36 | Aromatic C21-C36 | 46.2 | | 1 | 2.34 | 5.24 | mg/kg | FF016727.D | 11/17/25 20:29 | PB170577 |
| Total AliphaticEPH | Total AliphaticEPH | 75.3 | | | 4.11 | 11.8 | mg/kg | | | |
| Total AromaticEPH | Total AromaticEPH | 102 | | | 3.81 | 11.8 | mg/kg | | | |
| Total EPH | Total EPH | 177 | | | 7.92 | 23.6 | mg/kg | | | |

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: **FF016727.D**

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick Engineers | | | Date Collected: | |
| Project: | Edison Landfill | | | Date Received: | |
| Client Sample ID: | SED-3MSD | | | SDG No.: | Q3586 |
| Lab Sample ID: | Q3586-03MSD | | | Matrix: | Solid |
| Analytical Method: | NJEPH | | | % Solid: | 50.9 |
| Sample Wt/Vol: | 30.01 g | Final Vol: | 2000 uL | Test: | EPH |
| Prep Method : | | Prep Date | 11/17/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| Aromatic C10-C12 | Aromatic C10-C12 | 8.32 | | 1 | 0.24 | 1.31 | mg/kg | 11/17/25 | PB170577 |
| Aromatic C12-C16 | Aromatic C12-C16 | 14.0 | | 1 | 0.45 | 1.96 | mg/kg | 11/17/25 | PB170577 |
| Aromatic C16-C21 | Aromatic C16-C21 | 33.7 | | 1 | 0.79 | 3.27 | mg/kg | 11/17/25 | PB170577 |
| Aromatic C21-C36 | Aromatic C21-C36 | 46.2 | | 1 | 2.34 | 5.24 | mg/kg | 11/17/25 | PB170577 |
| **SURROGATES** | | | | | | | | | |
| 580-13-2 | 2-Bromonaphthalene (SURR) | 48.1 | | | 40 - 140 | 96% | SPK: 50 | | |
| 321-60-8 | 2-Flurobiphenyl (SURR) | 51.5 | | | 40 - 140 | 103% | SPK: 50 | | |
| 84-15-1 | ortho-Terphenyl (SURR) | 35.5 | | | 40 - 140 | 71% | SPK: 50 | | |

Raw Data: **FF016727.D**

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# Quantitation Report For Aromatic EPH Range.

| | | | |
|---|---|---|---|
| Lab Sample ID: | Q3586-03MSD | Acq On: | 17 Nov 2025 20:29 |
| Client Sample ID: | SED-3MSD | Operator: | YP\AJ |
| Data file: | FF016727.D | Misc: | |
| Instrument: | FID_F | ALS Vial: | 81 |
| Dilution Factor: | 1 | Sample Multiplier: | 1.00 |

| Compound | R.T. | | Response | Conc | highest_standard | Units |
|---|---|---|---|---|---|---|
| Aromatic C10-C12 | 4.502 | 6.378 | 8388158 | 63.564 | 200 | ug/ml |
| Aromatic C12-C16 | 6.379 | 9.083 | 14422567 | 106.702 | 300 | ug/ml |
| Aromatic C16-C21 | 9.084 | 13.405 | 34414242 | 257.316 | 500 | ug/ml |
| Aromatic C21-C36 | 13.406 | 18.870 | 41516220 | 352.83 | 800 | ug/ml |
| Aromatic EPH | 4.502 | 18.870 | 98741187 | 780.413 | | ug/ml |
| ortho-Terphenyl (SURR) | 11.953 | 11.953 | 5206037 | 35.45 | | ug/ml |
| 2-Bromonaphthalene (SURR) | 8.010 | 8.010 | 5451012 | 48.1 | | ug/ml |
| 2-Flurobiphenyl (SURR) | 8.886 | 8.886 | 3671951 | 51.48 | | ug/ml |

Raw Data: **FG016961.D**

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick Engineers | | | Date Collected: | |
| Project: | Edison Landfill | | | Date Received: | |
| Client Sample ID: | SED-3MSD | | | SDG No.: | Q3586 |
| Lab Sample ID: | Q3586-03MSD | | | Matrix: | Solid |
| Analytical Method: | NJEPH | | | % Solid: | 50.9 |
| Sample Wt/Vol: | 30.01 g | Final Vol: | 2000 uL | Test: | EPH |
| Prep Method : | | Prep Date | 11/17/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| Aliphatic C9-C12 | Aliphatic C9-C12 | 9.47 | | 1 | 0.28 | 1.96 | mg/kg | 11/20/25 | PB170577 |
| Aliphatic C12-C16 | Aliphatic C12-C16 | 8.48 | | 1 | 0.22 | 1.31 | mg/kg | 11/20/25 | PB170577 |
| Aliphatic C16-C21 | Aliphatic C16-C21 | 13.7 | | 1 | 0.26 | 1.96 | mg/kg | 11/20/25 | PB170577 |
| Aliphatic C21-C28 | Aliphatic C21-C28 | 16.9 | | 1 | 1.04 | 2.62 | mg/kg | 11/20/25 | PB170577 |
| Aliphatic C28-C40 | Aliphatic C28-C40 | 26.7 | | 1 | 2.32 | 3.93 | mg/kg | 11/20/25 | PB170577 |
| **SURROGATES** | | | | | | | | | |
| 3383-33-2 | 1-chlorooctadecane (SURR) | 55.1 | | | 40 - 140 | 110% | SPK: 50 | | |
| 84-15-1 | ortho-Terphenyl (SURR) | 0.00 | | | 40 - 140 | 0% | SPK: 50 | | |

Raw Data: **FG016961.D**

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# Quantitation Report For Aliphatic EPH Range.

| | | | |
|---|---|---|---|
| Lab Sample ID: | Q3586-03MSD | Acq On: | 20 Nov 2025 15:41 |
| Client Sample ID: | SED-3MSD | Operator: | YP\AJ |
| Data file: | FG016961.D | Misc: | |
| Instrument: | FID_G | ALS Vial: | 25 |
| Dilution Factor: | 1 | Sample Multiplier: | 1.00 |

| Compound | R.T. | | Response | Conc | highest_standard | Units |
|---|---|---|---|---|---|---|
| Aliphatic C9-C12 | 3.258 | 6.899 | 8824862 | 72.333 | 300 | ug/ml |
| Aliphatic C12-C16 | 6.900 | 10.356 | 7960461 | 64.798 | 200 | ug/ml |
| Aliphatic C16-C21 | 10.357 | 13.743 | 13856071 | 104.656 | 300 | ug/ml |
| Aliphatic C21-C28 | 13.744 | 17.429 | 17985721 | 129.361 | 400 | ug/ml |
| Aliphatic C28-C40 | 17.430 | 22.445 | 23171272 | 203.624 | 600 | ug/ml |
| Aliphatic EPH | 3.258 | 22.445 | 71798387 | 574.772 | | ug/ml |
| ortho-Terphenyl (SURR) | 0.000 | 0.000 | 0 | 0 | | ug/ml |
| 1-chlorooctadecane (SURR) | 13.494 | 13.494 | 6637711 | 55.12 | | ug/ml |
| Aliphatic C9-C28 | 3.258 | 17.429 | 48627115 | 371.148 | 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 : FF102925AR

**AreaCount**

| Parameter Range | FF016615.D | FF016612.D | FF016613.D | FF016614.D | FF016616.D | |
|---|---|---|---|---|---|---|
| Aromatic C10-C12 | 24131913.000 | 13386713.000 | 5040685.000 | 2667636.000 | 1458921.000 | |
| Aromatic C12-C16 | 37802464.000 | 20995951.000 | 7841716.000 | 4071240.000 | 2151729.000 | |
| Aromatic C16-C21 | 49515248.000 | 27355440.000 | 10200929.000 | 5383694.000 | 2920927.000 | |
| Aromatic C21-C36 | 93883793.000 | 53603904.000 | 20060725.000 | 10856127.000 | 5977071.000 | |
| Aromatic EPH | 205333418.000 | 115342008.000 | 43144055.000 | 22978697.000 | 12508648.000 | |

**AVG Response Factor**

| Parameter Range | AVG RF | % RSD | | | | |
|---|---|---|---|---|---|---|
| Aromatic C10-C12 | 131963.544 | 7.217 | | | | |
| Aromatic C12-C16 | 135166.617333 | 5.177 | | | | |
| Aromatic C16-C21 | 133743.1265 | 6.467 | | | | |
| Aromatic C21-C36 | 117666.2035552 | 9.089 | | | | |
| Aromatic EPH | 125744.1821106 | 7.5 | | | | |

**Concentration**

| Parameter Range | FF016615.D | FF016612.D | FF016613.D | FF016614.D | FF016616.D | |
|---|---|---|---|---|---|---|
| Aromatic C10-C12 | 200.000 | 100.000 | 40.000 | 20.000 | 10.000 | |
| Aromatic C12-C16 | 300.000 | 150.000 | 60.000 | 30.000 | 15.000 | |
| Aromatic C16-C21 | 400.000 | 200.000 | 80.000 | 40.000 | 20.000 | |
| Aromatic C21-C36 | 900.000 | 450.000 | 180.000 | 90.000 | 45.000 | |
| Aromatic EPH | 1800.000 | 900.000 | 360.000 | 180.000 | 90.000 | |

**Response Factor**

| Parameter Range | FF016615.D | FF016612.D | FF016613.D | FF016614.D | FF016616.D | |
|---|---|---|---|---|---|---|
| Aromatic C10-C12 | 120659.565000 | 133867.130000 | 126017.125000 | 133381.800000 | 145892.100000 | |
| Aromatic C12-C16 | 126008.213333 | 139973.006666 | 130695.266666 | 135708.000000 | 143448.600000 | |
| Aromatic C16-C21 | 123788.120000 | 136777.200000 | 127511.612500 | 134592.350000 | 146046.350000 | |
| Aromatic C21-C36 | 104315.325555 | 119119.786666 | 111448.472222 | 120623.633333 | 132823.800000 | |
| Aromatic EPH | 114074.121111 | 128157.786666 | 119844.597222 | 127659.427777 | 138984.977777 | |

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# Inital Calibration Report for SequenceID : FG102925AL

**AreaCount**

| Parameter Range | FG016852.D | FG016848.D | FG016849.D | FG016850.D | FG016851.D | |
|---|---|---|---|---|---|---|
| Aliphatic C9-C12 | 34262467.000 | 18492584.000 | 7254295.000 | 3738287.000 | 1905143.000 | |
| Aliphatic C12-C16 | 23563142.000 | 12790679.000 | 4920528.000 | 2484208.000 | 1213101.000 | |
| Aliphatic C16-C21 | 36760469.000 | 20195600.000 | 7804680.000 | 4060755.000 | 2090588.000 | |
| Aliphatic C21-C28 | 48743388.000 | 27416427.000 | 10278435.000 | 5677486.000 | 3316302.000 | |
| Aliphatic C28-C40 | 57463919.000 | 32655580.000 | 12432103.000 | 7187522.000 | 4228641.000 | |
| Aliphatic EPH | 200793385.000 | 111550870.000 | 42690041.000 | 23148258.000 | 12753775.000 | |

**AVG Response Factor**

| Parameter Range | AVG RF | % RSD | | | | |
|---|---|---|---|---|---|---|
| Aliphatic C9-C12 | 122003.2266662 | 4.004 | | | | |
| Aliphatic C12-C16 | 122851.24 | 3.023 | | | | |
| Aliphatic C16-C21 | 132396.2526664 | 4.852 | | | | |
| Aliphatic C21-C28 | 139034.6585 | 12.12 | | | | |
| Aliphatic C28-C40 | 113794.5446664 | 15.39 | | | | |
| Aliphatic EPH | 124878.1566664 | 9.088 | | | | |

**Concentration**

| Parameter Range | FG016852.D | FG016848.D | FG016849.D | FG016850.D | FG016851.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 | FG016852.D | FG016848.D | FG016849.D | FG016850.D | FG016851.D | |
|---|---|---|---|---|---|---|
| Aliphatic C9-C12 | 114208.223333 | 123283.893333 | 120904.916666 | 124609.566666 | 127009.533333 | |
| Aliphatic C12-C16 | 117815.710000 | 127906.790000 | 123013.200000 | 124210.400000 | 121310.100000 | |
| Aliphatic C16-C21 | 122534.896666 | 134637.333333 | 130078.000000 | 135358.500000 | 139372.533333 | |

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# Inital Calibration Report for SequenceID : FG102925AL

| | | | | | | |
|---|---|---|---|---|---|---|
| Aliphatic C21-C28 | 121858.470000 | 137082.135000 | 128480.437500 | 141937.150000 | 165815.100000 | |
| Aliphatic C28-C40 | 95773.198333 | 108851.933333 | 103600.858333 | 119792.033333 | 140954.700000 | |
| Aliphatic EPH | 111551.880555 | 123945.411111 | 118583.447222 | 128601.433333 | 141708.611111 | |

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# Continuing Calibration Report for SequenceID : FF111725AR

| Parameter | AreaCount | Conc. | RT_Min | RT_Max | Response Factor | AVGRF | %DEV |
|---|---|---|---|---|---|---|---|
| **File ID :** | **FF016716.D** | | | | | | |
| Aromatic C10-C12 | 5495483.000 | 40.000 | 4.502 | 6.378 | 137387.075 | 131963.544 | -4.110 |
| Aromatic C12-C16 | 8357375.000 | 60.000 | 6.379 | 9.083 | 139289.583 | 135166.617 | -3.050 |
| Aromatic C16-C21 | 10464575.000 | 80.000 | 9.084 | 13.405 | 130807.188 | 133743.127 | 2.195 |
| Aromatic C21-C36 | 22365155.000 | 180.000 | 13.406 | 18.870 | 124250.861 | 117666.204 | -5.596 |
| Aromatic EPH | 46682588.000 | 360.000 | 4.502 | 18.870 | 129673.856 | 125744.182 | -3.125 |

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| | | | |
|---|---|---|---|
| Lab Sample ID: | 20 PPM AROMATIC HC S | Acq On: | 17 Nov 2025 14:20 |
| Client Sample ID: | | Operator: | YP\AJ |
| Data file: | FF016716.D | Misc: | |
| Instrument: | FID_F | ALS Vial: | 61 |
| Dilution Factor: | 1 | Sample Multiplier: | 1.00 |

| Compound | R.T. | | Response | Conc | Units |
|---|---|---|---|---|---|
| Aromatic C10-C12 | 4.502 | 6.378 | 5495483.000 | 40.000 | ug/ml |
| Aromatic C12-C16 | 6.379 | 9.083 | 8357375.000 | 60.000 | ug/ml |
| Aromatic C16-C21 | 9.084 | 13.405 | 10464575.000 | 80.000 | ug/ml |
| Aromatic C21-C36 | 13.406 | 18.870 | 22365155.000 | 180.000 | ug/ml |
| Aromatic EPH | 4.502 | 18.870 | 46682588.000 | 360.000 | ug/ml |

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# Continuing Calibration Report for SequenceID : FF111725AR

| Parameter | AreaCount | Conc. | RT_Min | RT_Max | Response Factor | AVGRF | %DEV |
|---|---|---|---|---|---|---|---|
| **File ID :** | **FF016731.D** | | | | | | |
| Aromatic C10-C12 | 5413826.000 | 40.000 | 4.502 | 6.378 | 135345.650 | 131963.544 | -2.563 |
| Aromatic C12-C16 | 8196999.000 | 60.000 | 6.379 | 9.083 | 136616.650 | 135166.617 | -1.073 |
| Aromatic C16-C21 | 10258552.000 | 80.000 | 9.084 | 13.405 | 128231.900 | 133743.127 | 4.121 |
| Aromatic C21-C36 | 22208488.000 | 180.000 | 13.406 | 18.870 | 123380.489 | 117666.204 | -4.856 |
| Aromatic EPH | 46077865.000 | 360.000 | 4.502 | 18.870 | 127994.069 | 125744.182 | -1.789 |

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Fax : 908 789 8922

| | | | |
|---|---|---|---|
| Lab Sample ID: | 20 PPM AROMATIC HC S | Acq On: | 17 Nov 2025 22:56 |
| Client Sample ID: | | Operator: | YP\AJ |
| Data file: | FF016731.D | Misc: | |
| Instrument: | FID_F | ALS Vial: | 61 |
| Dilution Factor: | 1 | Sample Multiplier: | 1.00 |

| Compound | R.T. | | Response | Conc | Units |
|---|---|---|---|---|---|
| Aromatic C10-C12 | 4.502 | 6.378 | 5413826.000 | 40.000 | ug/ml |
| Aromatic C12-C16 | 6.379 | 9.083 | 8196999.000 | 60.000 | ug/ml |
| Aromatic C16-C21 | 9.084 | 13.405 | 10258552.000 | 80.000 | ug/ml |
| Aromatic C21-C36 | 13.406 | 18.870 | 22208488.000 | 180.000 | ug/ml |
| Aromatic EPH | 4.502 | 18.870 | 46077865.000 | 360.000 | ug/ml |

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Fax : 908 789 8922

# Continuing Calibration Report for SequenceID : FG111725AL

| Parameter | AreaCount | Conc. | RT_Min | RT_Max | Response Factor | AVGRF | %DEV |
|---|---|---|---|---|---|---|---|
| **File ID :** | **FG016925.D** | | | | | | |
| Aliphatic C9-C12 | 8312412.000 | 60.000 | 3.260 | 6.901 | 138540.200 | 122003.227 | -13.555 |
| Aliphatic C12-C16 | 5689870.000 | 40.000 | 6.902 | 10.358 | 142246.750 | 122851.240 | -15.788 |
| Aliphatic C16-C21 | 8956347.000 | 60.000 | 10.359 | 13.749 | 149272.450 | 132396.253 | -12.747 |
| Aliphatic C21-C28 | 11592307.000 | 80.000 | 13.750 | 17.436 | 144903.838 | 139034.659 | -4.221 |
| Aliphatic C28-C40 | 13646977.000 | 120.000 | 17.437 | 22.460 | 113724.808 | 113794.545 | 0.061 |
| Aliphatic EPH | 48197913.000 | 360.000 | 3.260 | 22.460 | 133883.092 | 124878.157 | -7.211 |

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| | | | |
|---|---|---|---|
| Lab Sample ID: | 20 PPM ALIPHATIC HC S | Acq On: | 17 Nov 2025 14:20 |
| Client Sample ID: | | Operator: | YP\AJ |
| Data file: | FG016925.D | Misc: | |
| Instrument: | FID_G | ALS Vial: | 11 |
| Dilution Factor: | 1 | Sample Multiplier: | 1.00 |

| Compound | R.T. | | Response | Conc | Units |
|---|---|---|---|---|---|
| Aliphatic C9-C12 | 3.260 | 6.901 | 8312412.000 | 60.000 | ug/ml |
| Aliphatic C12-C16 | 6.902 | 10.358 | 5689870.000 | 40.000 | ug/ml |
| Aliphatic C16-C21 | 10.359 | 13.749 | 8956347.000 | 60.000 | ug/ml |
| Aliphatic C21-C28 | 13.750 | 17.436 | 11592307.000 | 80.000 | ug/ml |
| Aliphatic C28-C40 | 17.437 | 22.460 | 13646977.000 | 120.000 | ug/ml |
| Aliphatic EPH | 3.260 | 22.460 | 48197913.000 | 360.000 | ug/ml |

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# Continuing Calibration Report for SequenceID : FG111725AL

| Parameter | AreaCount | Conc. | RT_Min | RT_Max | Response Factor | AVGRF | %DEV |
|---|---|---|---|---|---|---|---|
| **File ID :** | **FG016938.D** | | | | | | |
| Aliphatic C9-C12 | 7912613.000 | 60.000 | 3.260 | 6.901 | 131876.883 | 122003.227 | -8.093 |
| Aliphatic C12-C16 | 5407778.000 | 40.000 | 6.902 | 10.358 | 135194.450 | 122851.240 | -10.047 |
| Aliphatic C16-C21 | 8530754.000 | 60.000 | 10.359 | 13.749 | 142179.233 | 132396.253 | -7.389 |
| Aliphatic C21-C28 | 10984596.000 | 80.000 | 13.750 | 17.436 | 137307.450 | 139034.659 | 1.242 |
| Aliphatic C28-C40 | 13085578.000 | 120.000 | 17.437 | 22.460 | 109046.483 | 113794.545 | 4.172 |
| Aliphatic EPH | 45921319.000 | 360.000 | 3.260 | 22.460 | 127559.219 | 124878.157 | -2.147 |

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| | | | |
|---|---|---|---|
| Lab Sample ID: | 20 PPM ALIPHATIC HC S | Acq On: | 17 Nov 2025 22:56 |
| Client Sample ID: | | Operator: | YP\AJ |
| Data file: | FG016938.D | Misc: | |
| Instrument: | FID_G | ALS Vial: | 11 |
| Dilution Factor: | 1 | Sample Multiplier: | 1.00 |

| Compound | R.T. | | Response | Conc | Units |
|---|---|---|---|---|---|
| Aliphatic C9-C12 | 3.260 | 6.901 | 7912613.000 | 60.000 | ug/ml |
| Aliphatic C12-C16 | 6.902 | 10.358 | 5407778.000 | 40.000 | ug/ml |
| Aliphatic C16-C21 | 10.359 | 13.749 | 8530754.000 | 60.000 | ug/ml |
| Aliphatic C21-C28 | 13.750 | 17.436 | 10984596.000 | 80.000 | ug/ml |
| Aliphatic C28-C40 | 17.437 | 22.460 | 13085578.000 | 120.000 | ug/ml |
| Aliphatic EPH | 3.260 | 22.460 | 45921319.000 | 360.000 | ug/ml |

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# Continuing Calibration Report for SequenceID : FG112025AL

| Parameter | AreaCount | Conc. | RT_Min | RT_Max | Response Factor | AVGRF | %DEV |
|---|---|---|---|---|---|---|---|
| **File ID :** | **FG016956.D** | | | | | | |
| Aliphatic C9-C12 | 8189375.000 | 60.000 | 3.258 | 6.899 | 136489.583 | 122003.227 | -11.874 |
| Aliphatic C12-C16 | 5612132.000 | 40.000 | 6.900 | 10.356 | 140303.300 | 122851.240 | -14.206 |
| Aliphatic C16-C21 | 8831800.000 | 60.000 | 10.357 | 13.743 | 147196.667 | 132396.253 | -11.179 |
| Aliphatic C21-C28 | 11474845.000 | 80.000 | 13.744 | 17.429 | 143435.563 | 139034.659 | -3.165 |
| Aliphatic C28-C40 | 13319255.000 | 120.000 | 17.430 | 22.445 | 110993.792 | 113794.545 | 2.461 |
| Aliphatic EPH | 47427407.000 | 360.000 | 3.258 | 22.445 | 131742.797 | 124878.157 | -5.497 |

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Fax : 908 789 8922

| | | | |
|---|---|---|---|
| Lab Sample ID: | 20 PPM ALIPHATIC HC S | Acq On: | 20 Nov 2025 10:36 |
| Client Sample ID: | | Operator: | YP\AJ |
| Data file: | FG016956.D | Misc: | |
| Instrument: | FID_G | ALS Vial: | 11 |
| Dilution Factor: | 1 | Sample Multiplier: | 1.00 |

| Compound | R.T. | | Response | Conc | Units |
|---|---|---|---|---|---|
| Aliphatic C9-C12 | 3.258 | 6.899 | 8189375.000 | 60.000 | ug/ml |
| Aliphatic C12-C16 | 6.900 | 10.356 | 5612132.000 | 40.000 | ug/ml |
| Aliphatic C16-C21 | 10.357 | 13.743 | 8831800.000 | 60.000 | ug/ml |
| Aliphatic C21-C28 | 13.744 | 17.429 | 11474845.000 | 80.000 | ug/ml |
| Aliphatic C28-C40 | 17.430 | 22.445 | 13319255.000 | 120.000 | ug/ml |
| Aliphatic EPH | 3.258 | 22.445 | 47427407.000 | 360.000 | ug/ml |

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# Continuing Calibration Report for SequenceID : FG112025AL

| Parameter | AreaCount | Conc. | RT_Min | RT_Max | Response Factor | AVGRF | %DEV |
|---|---|---|---|---|---|---|---|
| **File ID :** | **FG016963.D** | | | | | | |
| Aliphatic C9-C12 | 7779432.000 | 60.000 | 3.258 | 6.899 | 129657.200 | 122003.227 | -6.274 |
| Aliphatic C12-C16 | 5321494.000 | 40.000 | 6.900 | 10.356 | 133037.350 | 122851.240 | -8.291 |
| Aliphatic C16-C21 | 8375437.000 | 60.000 | 10.357 | 13.743 | 139590.617 | 132396.253 | -5.434 |
| Aliphatic C21-C28 | 10879586.000 | 80.000 | 13.744 | 17.429 | 135994.825 | 139034.659 | 2.186 |
| Aliphatic C28-C40 | 13293839.000 | 120.000 | 17.430 | 22.445 | 110781.992 | 113794.545 | 2.647 |
| Aliphatic EPH | 45649788.000 | 360.000 | 3.258 | 22.445 | 126804.967 | 124878.157 | -1.543 |

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Fax : 908 789 8922

| | | | |
|---|---|---|---|
| Lab Sample ID: | 20 PPM ALIPHATIC HC S | Acq On: | 20 Nov 2025 17:15 |
| Client Sample ID: | | Operator: | YP\AJ |
| Data file: | FG016963.D | Misc: | |
| Instrument: | FID_G | ALS Vial: | 11 |
| Dilution Factor: | 1 | Sample Multiplier: | 1.00 |

| Compound | R.T. | | Response | Conc | Units |
|---|---|---|---|---|---|
| Aliphatic C9-C12 | 3.258 | 6.899 | 7779432.000 | 60.000 | ug/ml |
| Aliphatic C12-C16 | 6.900 | 10.356 | 5321494.000 | 40.000 | ug/ml |
| Aliphatic C16-C21 | 10.357 | 13.743 | 8375437.000 | 60.000 | ug/ml |
| Aliphatic C21-C28 | 13.744 | 17.429 | 10879586.000 | 80.000 | ug/ml |
| Aliphatic C28-C40 | 17.430 | 22.445 | 13293839.000 | 120.000 | ug/ml |
| Aliphatic EPH | 3.258 | 22.445 | 45649788.000 | 360.000 | ug/ml |


# SAMPLE RAW DATA

Quantitation Report (QT Reviewed)

Sample Results: **FF016722.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
Data File : FF016722.D
Signal(s) : FID2B.ch
Acq On : 17 Nov 2025 18:02
Operator : YP\AJ
Sample : Q3586-01
Misc :
ALS Vial : 76 Sample Multiplier: 1

**Instrument :**
FID_F
**ClientSampleId :**
SED-1

Integration File: autoint1.e
Quant Time: Nov 18 00:33:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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

| Compound | R.T. | Response | Conc Units |
|---|---|---|---|
| **System Monitoring Compounds** | | | |
| 4) S 2-Bromonaphthalene (S... | 8.009 | 5178641 | 45.699 ug/ml |
| Spiked Amount 50.000 | | Recovery = | 91.40% |
| 6) S 2-Flurobiphenyl (SURR) | 8.886 | 3463002 | 48.555 ug/ml |
| Spiked Amount 50.000 | Range 0 - 131 | Recovery = | 97.11% |
| 11) S ortho-Terphenyl (SURR) | 11.953 | 5739038 | 39.080 ug/ml |
| Spiked Amount 50.000 | | Recovery = | 78.16% |
| **Target Compounds** | | | |

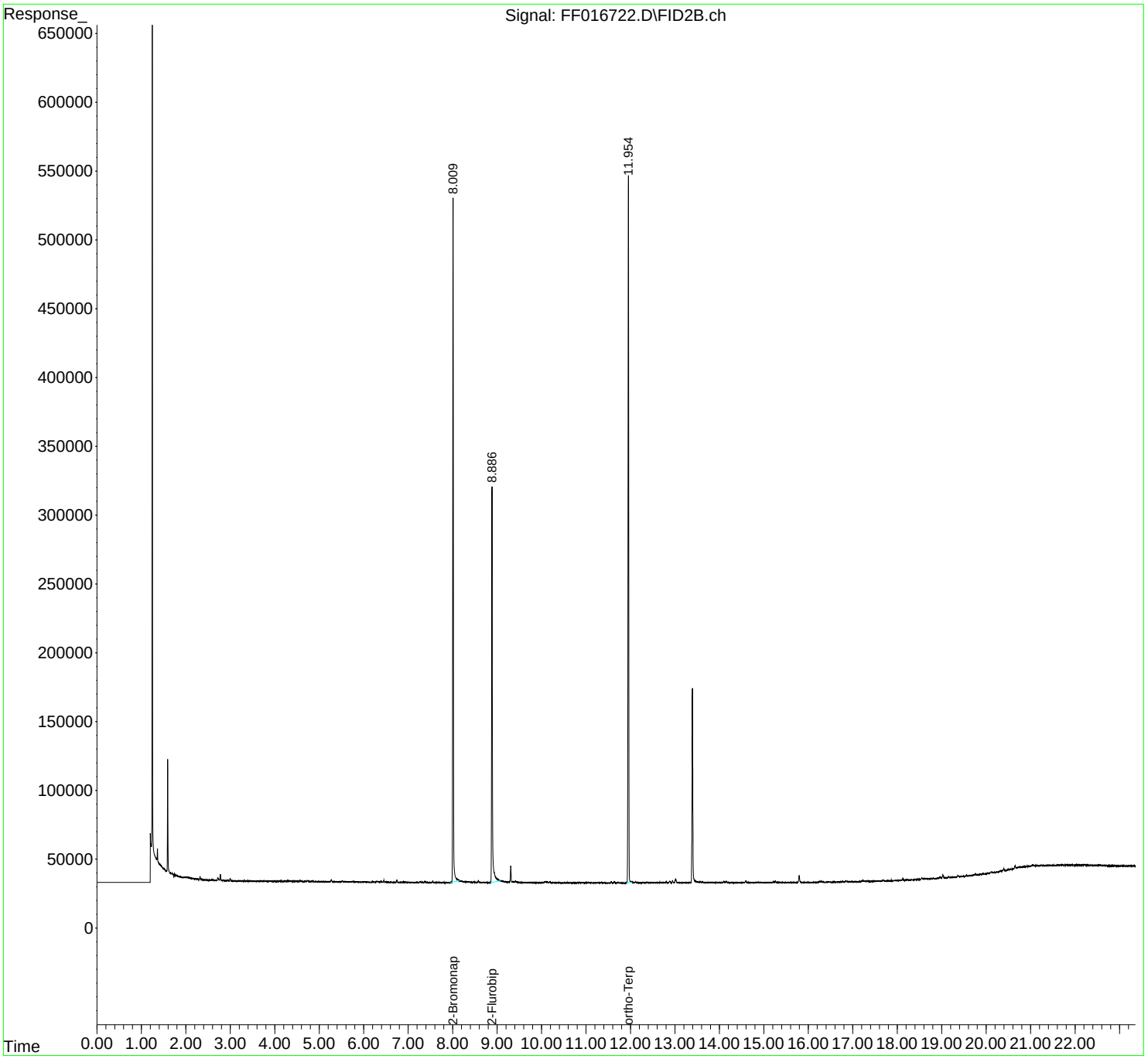
(f)=RT Delta > 1/2 Window (m)=manual int.

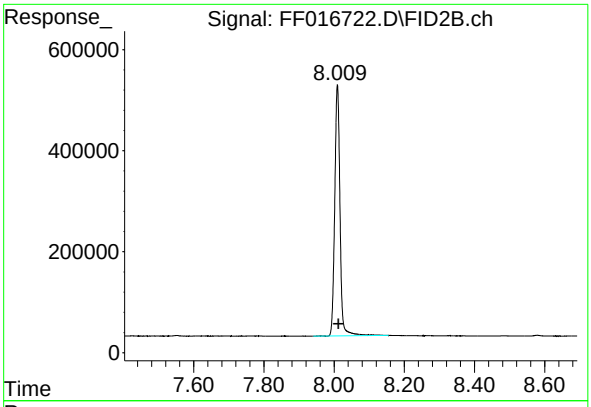
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
Data File : FF016722.D
Signal(s) : FID2B.ch
Acq On : 17 Nov 2025 18:02
Operator : YP\AJ
Sample : Q3586-01
Misc :
ALS Vial : 76 Sample Multiplier: 1

**Instrument :**
FID_F
**ClientSampleId :**
SED-1

Integration File: autoint1.e
Quant Time: Nov 18 00:33:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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

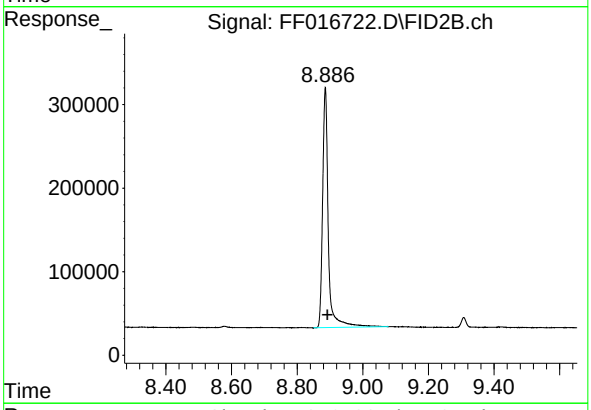





#4 2-Bromonaphthalene (SURR)

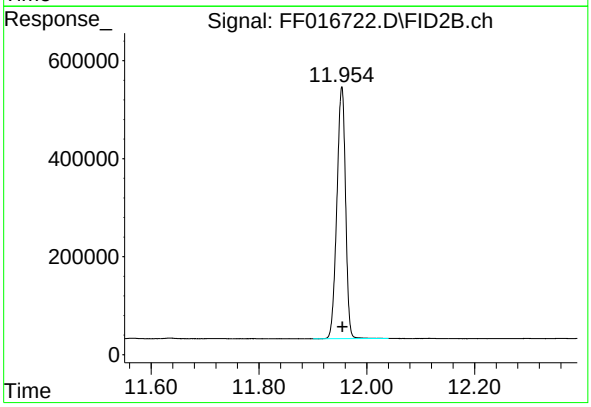
R.T.: 8.009 min
Delta R.T.: -0.003 min
Response: 5178641
Conc: 45.70 ug/ml

**Instrument :**
FID_F
**ClientSampleId :**
SED-1




#6 2-Flurobiphenyl (SURR)

R.T.: 8.886 min
Delta R.T.: -0.007 min
Response: 3463002
Conc: 48.55 ug/ml




#11 ortho-Terphenyl (SURR)

R.T.: 11.953 min
Delta R.T.: -0.001 min
Response: 5739038
Conc: 39.08 ug/ml

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Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
Data File : FF016722.D
Signal(s) : FID2B.ch
Acq On : 17 Nov 2025 18:02
Sample : Q3586-01
Misc :
ALS Vial : 76 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Title : GC Extractables

Signal : FID2B.ch

| peak # | R.T. min | Start min | End min | PK TY | peak height | peak area | peak % max. | % of total |
|---|---|---|---|---|---|---|---|---|
| 1 | 4.426 | 4.422 | 4.459 | PV | 79 | 1046 | 0.02% | 0.006% |
| 2 | 4.475 | 4.459 | 4.506 | VV | 301 | 4736 | 0.08% | 0.025% |
| 3 | 4.567 | 4.534 | 4.585 | VV | 899 | 11801 | 0.20% | 0.063% |
| 4 | 4.604 | 4.585 | 4.631 | VV | 333 | 4965 | 0.09% | 0.026% |
| 5 | 4.637 | 4.631 | 4.662 | VV | 151 | 1801 | 0.03% | 0.010% |
| 6 | 4.680 | 4.662 | 4.705 | VV | 448 | 7536 | 0.13% | 0.040% |
| 7 | 4.733 | 4.705 | 4.747 | VV | 913 | 10811 | 0.19% | 0.058% |
| 8 | 4.756 | 4.747 | 4.777 | VV | 658 | 7231 | 0.13% | 0.039% |
| 9 | 4.783 | 4.777 | 4.801 | VV | 196 | 1931 | 0.03% | 0.010% |
| 10 | 4.818 | 4.801 | 4.833 | VV | 431 | 4738 | 0.08% | 0.025% |
| 11 | 4.853 | 4.833 | 4.875 | VV | 885 | 8968 | 0.16% | 0.048% |
| 12 | 4.883 | 4.875 | 4.910 | VV | 175 | 2574 | 0.04% | 0.014% |
| 13 | 4.931 | 4.917 | 4.940 | VV | 190 | 1955 | 0.03% | 0.010% |
| 14 | 4.985 | 4.940 | 5.005 | VV | 229 | 5397 | 0.09% | 0.029% |
| 15 | 5.030 | 5.005 | 5.042 | VV | 185 | 2163 | 0.04% | 0.012% |
| 16 | 5.067 | 5.042 | 5.107 | VV | 261 | 5051 | 0.09% | 0.027% |
| 17 | 5.119 | 5.107 | 5.134 | VV | 149 | 1302 | 0.02% | 0.007% |
| 18 | 5.147 | 5.134 | 5.160 | VV | 152 | 1542 | 0.03% | 0.008% |
| 19 | 5.182 | 5.170 | 5.194 | VV | 202 | 1699 | 0.03% | 0.009% |
| 20 | 5.214 | 5.194 | 5.225 | VV | 202 | 1720 | 0.03% | 0.009% |
| 21 | 5.246 | 5.225 | 5.253 | VV | 245 | 2818 | 0.05% | 0.015% |
| 22 | 5.272 | 5.253 | 5.308 | VV | 1824 | 22772 | 0.39% | 0.121% |
| 23 | 5.332 | 5.308 | 5.368 | VV | 472 | 7656 | 0.13% | 0.041% |
| 24 | 5.389 | 5.368 | 5.428 | VV | 307 | 5430 | 0.09% | 0.029% |
| 25 | 5.449 | 5.443 | 5.474 | VV | 80 | 1551 | 0.03% | 0.008% |
| 26 | 5.487 | 5.474 | 5.495 | VV | 140 | 1191 | 0.02% | 0.006% |
| 27 | 5.517 | 5.495 | 5.552 | VV | 916 | 15754 | 0.27% | 0.084% |
| 28 | 5.563 | 5.552 | 5.569 | VV | 349 | 2890 | 0.05% | 0.015% |
| 29 | 5.572 | 5.569 | 5.584 | VV | 299 | 2573 | 0.04% | 0.014% |
| 30 | 5.587 | 5.584 | 5.624 | VV | 269 | 4608 | 0.08% | 0.025% |
| 31 | 5.627 | 5.624 | 5.642 | VV | 156 | 1303 | 0.02% | 0.007% |
| 32 | 5.648 | 5.642 | 5.660 | VV | 199 | 1380 | 0.02% | 0.007% |
| 33 | 5.671 | 5.660 | 5.681 | VV | 228 | 2093 | 0.04% | 0.011% |
| 34 | 5.707 | 5.692 | 5.726 | VV | 503 | 6839 | 0.12% | 0.036% |
| 35 | 5.756 | 5.726 | 5.780 | VV | 607 | 11148 | 0.19% | 0.059% |
| 36 | 5.809 | 5.780 | 5.818 | VV | 293 | 3851 | 0.07% | 0.021% |

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|---|---|---|---|---|---|---|---|---|
| 37 | 5.820 | 5.818 | 5.834 | VV | 184 | 1322 | 0.02% | 0.007% |
| 38 | 5.859 | 5.844 | 5.877 | VV | 227 | 2969 | 0.05% | 0.016% |
| 39 | 5.909 | 5.887 | 5.952 | VV | 262 | 5653 | 0.10% | 0.030% |
| 40 | 5.971 | 5.952 | 5.986 | VV | 227 | 2327 | 0.04% | 0.012% |
| 41 | 6.007 | 5.986 | 6.039 | VV | 229 | 5337 | 0.09% | 0.028% |
| 42 | 6.059 | 6.039 | 6.069 | VV | 333 | 3097 | 0.05% | 0.017% |
| 43 | 6.082 | 6.069 | 6.121 | VV | 312 | 5056 | 0.09% | 0.027% |
| 44 | 6.147 | 6.121 | 6.162 | PV | 155 | 2128 | 0.04% | 0.011% |
| 45 | 6.198 | 6.174 | 6.230 | VV | 598 | 9389 | 0.16% | 0.050% |
| 46 | 6.245 | 6.230 | 6.269 | VV | 312 | 4852 | 0.08% | 0.026% |
| 47 | 6.292 | 6.269 | 6.332 | VV | 745 | 18630 | 0.32% | 0.099% |
| 48 | 6.345 | 6.332 | 6.371 | VV | 624 | 8752 | 0.15% | 0.047% |
| 49 | 6.390 | 6.371 | 6.417 | VV | 956 | 13717 | 0.24% | 0.073% |
| 50 | 6.422 | 6.417 | 6.431 | VV | 252 | 1837 | 0.03% | 0.010% |
| 51 | 6.457 | 6.431 | 6.493 | VV | 1343 | 17606 | 0.30% | 0.094% |
| 52 | 6.518 | 6.493 | 6.527 | VV | 323 | 5109 | 0.09% | 0.027% |
| 53 | 6.532 | 6.527 | 6.559 | VV | 338 | 4631 | 0.08% | 0.025% |
| 54 | 6.572 | 6.559 | 6.602 | VV | 194 | 4805 | 0.08% | 0.026% |
| 55 | 6.609 | 6.602 | 6.645 | VV | 215 | 4282 | 0.07% | 0.023% |
| 56 | 6.746 | 6.717 | 6.779 | VV | 2004 | 24525 | 0.42% | 0.131% |
| 57 | 6.786 | 6.779 | 6.794 | VV | 160 | 1154 | 0.02% | 0.006% |
| 58 | 6.799 | 6.794 | 6.810 | VV | 134 | 1070 | 0.02% | 0.006% |
| 59 | 6.833 | 6.810 | 6.848 | VV | 357 | 4932 | 0.09% | 0.026% |
| 60 | 6.871 | 6.848 | 6.885 | VV | 329 | 4948 | 0.09% | 0.026% |
| 61 | 6.900 | 6.885 | 6.925 | VV | 757 | 9744 | 0.17% | 0.052% |
| 62 | 6.935 | 6.925 | 6.952 | VV | 333 | 3527 | 0.06% | 0.019% |
| 63 | 6.974 | 6.952 | 7.002 | VV | 522 | 7563 | 0.13% | 0.040% |
| 64 | 7.032 | 7.002 | 7.054 | VV | 223 | 4326 | 0.07% | 0.023% |
| 65 | 7.089 | 7.054 | 7.121 | PV | 194 | 3720 | 0.06% | 0.020% |
| 66 | 7.147 | 7.134 | 7.182 | VV | 239 | 3080 | 0.05% | 0.016% |
| 67 | 7.202 | 7.182 | 7.235 | VV | 419 | 6449 | 0.11% | 0.034% |
| 68 | 7.258 | 7.235 | 7.298 | VV | 588 | 13871 | 0.24% | 0.074% |
| 69 | 7.324 | 7.298 | 7.347 | VV | 610 | 11230 | 0.19% | 0.060% |
| 70 | 7.388 | 7.347 | 7.408 | VV | 698 | 15199 | 0.26% | 0.081% |
| 71 | 7.425 | 7.408 | 7.444 | VV | 483 | 6618 | 0.11% | 0.035% |
| 72 | 7.447 | 7.444 | 7.460 | VV | 140 | 1197 | 0.02% | 0.006% |
| 73 | 7.464 | 7.460 | 7.482 | VV | 182 | 1730 | 0.03% | 0.009% |
| 74 | 7.493 | 7.482 | 7.517 | VV | 227 | 3272 | 0.06% | 0.017% |
| 75 | 7.522 | 7.517 | 7.530 | VV | 194 | 1195 | 0.02% | 0.006% |
| 76 | 7.551 | 7.530 | 7.588 | VV | 1250 | 15769 | 0.27% | 0.084% |
| 77 | 7.612 | 7.588 | 7.621 | VV | 286 | 3312 | 0.06% | 0.018% |
| 78 | 7.627 | 7.621 | 7.634 | VV | 238 | 1492 | 0.03% | 0.008% |
| 79 | 7.640 | 7.634 | 7.650 | VV | 776 | 1960 | 0.03% | 0.010% |
| 80 | 7.662 | 7.650 | 7.675 | VV | 240 | 2695 | 0.05% | 0.014% |
| 81 | 7.697 | 7.675 | 7.714 | VV | 357 | 5530 | 0.10% | 0.030% |
| 82 | 7.722 | 7.714 | 7.745 | VV | 148 | 1973 | 0.03% | 0.011% |
| 83 | 7.764 | 7.745 | 7.779 | VV | 278 | 4174 | 0.07% | 0.022% |
| 84 | 7.787 | 7.779 | 7.811 | VV | 223 | 2730 | 0.05% | 0.015% |
| 85 | 7.832 | 7.811 | 7.836 | PV | 117 | 1021 | 0.02% | 0.005% |
| 86 | 7.860 | 7.836 | 7.886 | VV | 185 | 3221 | 0.06% | 0.017% |
| 87 | 7.910 | 7.902 | 7.921 | VV | 190 | 1318 | 0.02% | 0.007% |
| 88 | 7.962 | 7.943 | 7.978 | VV | 530 | 5582 | 0.10% | 0.030% |
| 89 | 8.010 | 7.978 | 8.102 | VV | 497578 | 5206894 | 90.14% | 27.777% |

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| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 90 | 8.110 | 8.102 | 8.219 | VV | 2514 | 112544 | 1.95% | 0.600% |
| 91 | 8.224 | 8.219 | 8.249 | VV | 997 | 15924 | 0.28% | 0.085% |
| 92 | 8.273 | 8.249 | 8.307 | VV | 951 | 27454 | 0.48% | 0.146% |
| 93 | 8.328 | 8.307 | 8.352 | VV | 946 | 19181 | 0.33% | 0.102% |
| 94 | 8.357 | 8.352 | 8.365 | VV | 564 | 4454 | 0.08% | 0.024% |
| 95 | 8.371 | 8.365 | 8.385 | VV | 600 | 6146 | 0.11% | 0.033% |
| 96 | 8.392 | 8.385 | 8.419 | VV | 502 | 8620 | 0.15% | 0.046% |
| 97 | 8.425 | 8.419 | 8.456 | VV | 413 | 8353 | 0.14% | 0.045% |
| 98 | 8.483 | 8.456 | 8.519 | VV | 675 | 17491 | 0.30% | 0.093% |
| 99 | 8.525 | 8.519 | 8.546 | VV | 385 | 5644 | 0.10% | 0.030% |
| 100 | 8.578 | 8.546 | 8.636 | VV | 1862 | 33983 | 0.59% | 0.181% |
| 101 | 8.642 | 8.636 | 8.652 | VV | 319 | 2188 | 0.04% | 0.012% |
| 102 | 8.658 | 8.652 | 8.661 | VV | 251 | 1060 | 0.02% | 0.006% |
| 103 | 8.676 | 8.661 | 8.683 | VV | 396 | 4381 | 0.08% | 0.023% |
| 104 | 8.687 | 8.683 | 8.691 | VV | 359 | 1638 | 0.03% | 0.009% |
| 105 | 8.694 | 8.691 | 8.701 | VV | 378 | 1920 | 0.03% | 0.010% |
| 106 | 8.706 | 8.701 | 8.717 | VV | 344 | 2723 | 0.05% | 0.015% |
| 107 | 8.723 | 8.717 | 8.757 | VV | 382 | 5814 | 0.10% | 0.031% |
| 108 | 8.771 | 8.757 | 8.797 | VV | 296 | 4506 | 0.08% | 0.024% |
| 109 | 8.813 | 8.797 | 8.842 | VV | 374 | 5736 | 0.10% | 0.031% |
| 110 | 8.886 | 8.850 | 9.110 | VV | 287928 | 3599460 | 62.31% | 19.202% |
| 111 | 9.124 | 9.110 | 9.174 | VV | 1361 | 42932 | 0.74% | 0.229% |
| 112 | 9.182 | 9.174 | 9.206 | VV | 901 | 14941 | 0.26% | 0.080% |
| 113 | 9.212 | 9.206 | 9.221 | VV | 753 | 6051 | 0.10% | 0.032% |
| 114 | 9.230 | 9.221 | 9.252 | VV | 748 | 11986 | 0.21% | 0.064% |
| 115 | 9.259 | 9.252 | 9.281 | VV | 667 | 10089 | 0.17% | 0.054% |
| 116 | 9.308 | 9.281 | 9.357 | VV | 12449 | 150087 | 2.60% | 0.801% |
| 117 | 9.362 | 9.357 | 9.372 | VV | 709 | 5945 | 0.10% | 0.032% |
| 118 | 9.376 | 9.372 | 9.378 | VV | 639 | 2484 | 0.04% | 0.013% |
| 119 | 9.388 | 9.378 | 9.400 | VV | 737 | 9390 | 0.16% | 0.050% |
| 120 | 9.421 | 9.400 | 9.452 | VV | 1179 | 24711 | 0.43% | 0.132% |
| 121 | 9.460 | 9.452 | 9.483 | VV | 543 | 9010 | 0.16% | 0.048% |
| 122 | 9.495 | 9.483 | 9.518 | VV | 495 | 8150 | 0.14% | 0.043% |
| 123 | 9.528 | 9.518 | 9.532 | VV | 330 | 2507 | 0.04% | 0.013% |
| 124 | 9.542 | 9.532 | 9.577 | VV | 381 | 7533 | 0.13% | 0.040% |
| 125 | 9.598 | 9.577 | 9.618 | VV | 393 | 7749 | 0.13% | 0.041% |
| 126 | 9.626 | 9.618 | 9.675 | VV | 349 | 8202 | 0.14% | 0.044% |
| 127 | 9.700 | 9.675 | 9.712 | VV | 329 | 5465 | 0.09% | 0.029% |
| 128 | 9.716 | 9.712 | 9.738 | VV | 278 | 2681 | 0.05% | 0.014% |
| 129 | 9.742 | 9.738 | 9.755 | VV | 193 | 1459 | 0.03% | 0.008% |
| 130 | 9.774 | 9.755 | 9.809 | VV | 409 | 8901 | 0.15% | 0.047% |
| 131 | 9.816 | 9.809 | 9.840 | VV | 163 | 3033 | 0.05% | 0.016% |
| 132 | 9.858 | 9.840 | 9.872 | VV | 260 | 3671 | 0.06% | 0.020% |
| 133 | 9.876 | 9.872 | 9.884 | VV | 202 | 1194 | 0.02% | 0.006% |
| 134 | 9.890 | 9.884 | 9.897 | VV | 188 | 1217 | 0.02% | 0.006% |
| 135 | 9.917 | 9.897 | 9.955 | VV | 314 | 6539 | 0.11% | 0.035% |
| 136 | 9.966 | 9.955 | 9.995 | VV | 286 | 4635 | 0.08% | 0.025% |
| 137 | 10.022 | 9.995 | 10.048 | VV | 512 | 8501 | 0.15% | 0.045% |
| 138 | 10.074 | 10.048 | 10.095 | VV | 928 | 18998 | 0.33% | 0.101% |
| 139 | 10.109 | 10.095 | 10.128 | VV | 987 | 15847 | 0.27% | 0.085% |
| 140 | 10.132 | 10.128 | 10.169 | VV | 648 | 11328 | 0.20% | 0.060% |
| 141 | 10.189 | 10.169 | 10.215 | VV | 1119 | 17908 | 0.31% | 0.096% |

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|---|---|---|---|---|---|---|---|---|
| 142 | 10.220 | 10.215 | 10.239 | VV | 348 | 3401 | 0.06% | 0.018% |
| 143 | 10.255 | 10.239 | 10.280 | VV | 304 | 5538 | 0.10% | 0.030% |
| 144 | 10.284 | 10.280 | 10.300 | VV | 194 | 2340 | 0.04% | 0.012% |
| 145 | 10.304 | 10.300 | 10.317 | VV | 191 | 1649 | 0.03% | 0.009% |
| 146 | 10.325 | 10.317 | 10.336 | VV | 178 | 1911 | 0.03% | 0.010% |
| 147 | 10.354 | 10.344 | 10.369 | VV | 219 | 2456 | 0.04% | 0.013% |
| 148 | 10.372 | 10.369 | 10.385 | VV | 174 | 1243 | 0.02% | 0.007% |
| 149 | 10.392 | 10.385 | 10.444 | VV | 176 | 4298 | 0.07% | 0.023% |
| 150 | 10.467 | 10.444 | 10.487 | VV | 107 | 2414 | 0.04% | 0.013% |
| 151 | 10.511 | 10.487 | 10.546 | VV | 285 | 5992 | 0.10% | 0.032% |
| 152 | 10.581 | 10.546 | 10.600 | VV | 218 | 5068 | 0.09% | 0.027% |
| 153 | 10.615 | 10.600 | 10.643 | VV | 314 | 5023 | 0.09% | 0.027% |
| 154 | 10.675 | 10.643 | 10.689 | VV | 203 | 3493 | 0.06% | 0.019% |
| 155 | 10.710 | 10.689 | 10.731 | VV | 347 | 4923 | 0.09% | 0.026% |
| 156 | 10.744 | 10.731 | 10.777 | VV | 251 | 4568 | 0.08% | 0.024% |
| 157 | 10.794 | 10.777 | 10.802 | VV | 251 | 2671 | 0.05% | 0.014% |
| 158 | 10.813 | 10.802 | 10.845 | VV | 256 | 5304 | 0.09% | 0.028% |
| 159 | 10.865 | 10.845 | 10.896 | VV | 311 | 7501 | 0.13% | 0.040% |
| 160 | 10.927 | 10.896 | 10.967 | VV | 417 | 11708 | 0.20% | 0.062% |
| 161 | 10.980 | 10.967 | 11.005 | VV | 283 | 4605 | 0.08% | 0.025% |
| 162 | 11.055 | 11.005 | 11.092 | VV | 602 | 16072 | 0.28% | 0.086% |
| 163 | 11.118 | 11.092 | 11.140 | VV | 228 | 5038 | 0.09% | 0.027% |
| 164 | 11.148 | 11.140 | 11.176 | VV | 198 | 2795 | 0.05% | 0.015% |
| 165 | 11.219 | 11.176 | 11.232 | VV | 187 | 4655 | 0.08% | 0.025% |
| 166 | 11.241 | 11.232 | 11.258 | VV | 240 | 2839 | 0.05% | 0.015% |
| 167 | 11.266 | 11.258 | 11.296 | VV | 214 | 4146 | 0.07% | 0.022% |
| 168 | 11.308 | 11.296 | 11.333 | VV | 223 | 4452 | 0.08% | 0.024% |
| 169 | 11.351 | 11.333 | 11.407 | VV | 254 | 8100 | 0.14% | 0.043% |
| 170 | 11.435 | 11.407 | 11.455 | VV | 241 | 3474 | 0.06% | 0.019% |
| 171 | 11.468 | 11.455 | 11.479 | VV | 142 | 1124 | 0.02% | 0.006% |
| 172 | 11.489 | 11.479 | 11.507 | VV | 136 | 1249 | 0.02% | 0.007% |
| 173 | 11.518 | 11.507 | 11.539 | VV | 151 | 1336 | 0.02% | 0.007% |
| 174 | 11.565 | 11.539 | 11.600 | PV | 1046 | 15494 | 0.27% | 0.083% |
| 175 | 11.635 | 11.600 | 11.669 | VV | 1334 | 20313 | 0.35% | 0.108% |
| 176 | 11.678 | 11.669 | 11.696 | VV | 190 | 2242 | 0.04% | 0.012% |
| 177 | 11.713 | 11.696 | 11.750 | VV | 364 | 7000 | 0.12% | 0.037% |
| 178 | 11.765 | 11.750 | 11.812 | VV | 151 | 3969 | 0.07% | 0.021% |
| 179 | 11.839 | 11.812 | 11.847 | VV | 135 | 1581 | 0.03% | 0.008% |
| 180 | 11.858 | 11.847 | 11.901 | VV | 93 | 1863 | 0.03% | 0.010% |
| 181 | 11.953 | 11.901 | 12.080 | PV | 515456 | 5776486 | 100.00% | 30.815% |
| 182 | 12.116 | 12.080 | 12.187 | VV | 827 | 23380 | 0.40% | 0.125% |
| 183 | 12.204 | 12.187 | 12.213 | VV | 192 | 2639 | 0.05% | 0.014% |
| 184 | 12.225 | 12.213 | 12.239 | VV | 250 | 2880 | 0.05% | 0.015% |
| 185 | 12.297 | 12.239 | 12.332 | VV | 545 | 15574 | 0.27% | 0.083% |
| 186 | 12.360 | 12.332 | 12.379 | VV | 730 | 12082 | 0.21% | 0.064% |
| 187 | 12.398 | 12.379 | 12.432 | VV | 748 | 12367 | 0.21% | 0.066% |
| 188 | 12.439 | 12.432 | 12.454 | VV | 229 | 2474 | 0.04% | 0.013% |
| 189 | 12.460 | 12.454 | 12.494 | VV | 267 | 3726 | 0.06% | 0.020% |
| 190 | 12.524 | 12.494 | 12.564 | VV | 439 | 10277 | 0.18% | 0.055% |
| 191 | 12.590 | 12.564 | 12.615 | VV | 315 | 6889 | 0.12% | 0.037% |
| 192 | 12.631 | 12.615 | 12.645 | VV | 356 | 5005 | 0.09% | 0.027% |
| 193 | 12.659 | 12.645 | 12.705 | VV | 535 | 12701 | 0.22% | 0.068% |
| 194 | 12.729 | 12.705 | 12.752 | VV | 374 | 7899 | 0.14% | 0.042% |

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|---|---|---|---|---|---|---|---|---|
| 195 | 12.807 | 12.752 | 12.842 | VV | 991 | 21810 | 0.38% | 0.116% |
| 196 | 12.885 | 12.842 | 12.920 | VV | 1362 | 26262 | 0.45% | 0.140% |
| 197 | 12.946 | 12.920 | 12.985 | VV | 1633 | 25523 | 0.44% | 0.136% |
| 198 | 13.016 | 12.985 | 13.059 | VV | 2821 | 51278 | 0.89% | 0.274% |
| 199 | 13.064 | 13.059 | 13.098 | VV | 238 | 3491 | 0.06% | 0.019% |
| 200 | 13.111 | 13.098 | 13.129 | VV | 114 | 1392 | 0.02% | 0.007% |
| 201 | 13.151 | 13.129 | 13.177 | VV | 276 | 3796 | 0.07% | 0.020% |
| 202 | 13.239 | 13.177 | 13.290 | VV | 269 | 11384 | 0.20% | 0.061% |
| 203 | 13.393 | 13.290 | 13.535 | VV | 141433 | 1822023 | 31.54% | 9.720% |
| 204 | 13.559 | 13.535 | 13.597 | VV | 716 | 19060 | 0.33% | 0.102% |
| 205 | 13.620 | 13.597 | 13.675 | VV | 660 | 19804 | 0.34% | 0.106% |
| 206 | 13.685 | 13.675 | 13.715 | VV | 345 | 6121 | 0.11% | 0.033% |
| 207 | 13.758 | 13.715 | 13.798 | VV | 419 | 13627 | 0.24% | 0.073% |
| 208 | 13.832 | 13.798 | 13.876 | VV | 387 | 12331 | 0.21% | 0.066% |
| 209 | 13.896 | 13.876 | 13.923 | VV | 258 | 5354 | 0.09% | 0.029% |
| 210 | 13.932 | 13.923 | 13.940 | VV | 198 | 1827 | 0.03% | 0.010% |
| 211 | 13.949 | 13.940 | 13.956 | VV | 237 | 1884 | 0.03% | 0.010% |
| 212 | 13.966 | 13.956 | 13.992 | VV | 264 | 4756 | 0.08% | 0.025% |
| 213 | 14.005 | 13.992 | 14.055 | VV | 306 | 7423 | 0.13% | 0.040% |
| 214 | 14.098 | 14.055 | 14.125 | VV | 1109 | 19870 | 0.34% | 0.106% |
| 215 | 14.149 | 14.125 | 14.200 | VV | 1288 | 23071 | 0.40% | 0.123% |
| 216 | 14.207 | 14.200 | 14.226 | VV | 230 | 2493 | 0.04% | 0.013% |
| 217 | 14.267 | 14.226 | 14.320 | VV | 267 | 7117 | 0.12% | 0.038% |
| 218 | 14.357 | 14.320 | 14.372 | VV | 206 | 3531 | 0.06% | 0.019% |
| 219 | 14.387 | 14.372 | 14.506 | VV | 190 | 7130 | 0.12% | 0.038% |
| 220 | 14.524 | 14.506 | 14.536 | PV | 195 | 1688 | 0.03% | 0.009% |
| 221 | 14.591 | 14.536 | 14.688 | VV | 1281 | 33458 | 0.58% | 0.178% |
| 222 | 14.712 | 14.688 | 14.741 | VV | 285 | 5319 | 0.09% | 0.028% |
| 223 | 14.750 | 14.741 | 14.772 | VV | 123 | 2025 | 0.04% | 0.011% |
| 224 | 14.780 | 14.772 | 14.790 | VV | 143 | 1110 | 0.02% | 0.006% |
| 225 | 14.820 | 14.790 | 14.832 | VV | 243 | 4402 | 0.08% | 0.023% |
| 226 | 14.867 | 14.832 | 14.913 | VV | 412 | 12326 | 0.21% | 0.066% |
| 227 | 14.921 | 14.913 | 14.955 | VV | 205 | 3488 | 0.06% | 0.019% |
| 228 | 14.972 | 14.955 | 14.981 | VV | 146 | 1759 | 0.03% | 0.009% |
| 229 | 15.000 | 14.981 | 15.019 | VV | 125 | 2319 | 0.04% | 0.012% |
| 230 | 15.056 | 15.019 | 15.084 | VV | 392 | 7559 | 0.13% | 0.040% |
| 231 | 15.103 | 15.084 | 15.130 | VV | 137 | 2747 | 0.05% | 0.015% |
| 232 | 15.142 | 15.130 | 15.179 | VV | 196 | 2598 | 0.04% | 0.014% |
| 233 | 15.215 | 15.179 | 15.239 | VV | 778 | 16198 | 0.28% | 0.086% |
| 234 | 15.256 | 15.239 | 15.297 | VV | 1188 | 21230 | 0.37% | 0.113% |
| 235 | 15.312 | 15.297 | 15.392 | VV | 381 | 11929 | 0.21% | 0.064% |
| 236 | 15.431 | 15.392 | 15.457 | VV | 275 | 7094 | 0.12% | 0.038% |
| 237 | 15.480 | 15.457 | 15.514 | VV | 202 | 3783 | 0.07% | 0.020% |
| 238 | 15.533 | 15.514 | 15.542 | PV | 109 | 1011 | 0.02% | 0.005% |
| 239 | 15.564 | 15.542 | 15.624 | VV | 168 | 3794 | 0.07% | 0.020% |
| 240 | 15.671 | 15.624 | 15.709 | VV | 197 | 5418 | 0.09% | 0.029% |
| 241 | 15.794 | 15.709 | 15.875 | VV | 5079 | 80248 | 1.39% | 0.428% |
| 242 | 15.905 | 15.875 | 15.952 | VV | 171 | 5191 | 0.09% | 0.028% |
| 243 | 15.993 | 15.952 | 16.014 | PV | 125 | 3537 | 0.06% | 0.019% |
| 244 | 16.058 | 16.039 | 16.072 | PV | 129 | 1525 | 0.03% | 0.008% |
| 245 | 16.103 | 16.072 | 16.130 | VV | 132 | 4205 | 0.07% | 0.022% |
| 246 | 16.138 | 16.130 | 16.167 | VV | 171 | 2694 | 0.05% | 0.014% |

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|---|---|---|---|---|---|---|---|---|
| 247 | 16.178 | 16.167 | 16.195 | VV | 160 | 1526 | 0.03% | 0.008% |
| 248 | 16.244 | 16.195 | 16.260 | VV | 527 | 9421 | 0.16% | 0.050% |
| 249 | 16.281 | 16.260 | 16.366 | VV | 933 | 21237 | 0.37% | 0.113% |
| 250 | 16.376 | 16.366 | 16.396 | VV | 146 | 1927 | 0.03% | 0.010% |
| 251 | 16.424 | 16.396 | 16.451 | VV | 179 | 3819 | 0.07% | 0.020% |
| 252 | 16.458 | 16.451 | 16.490 | VV | 144 | 2160 | 0.04% | 0.012% |
| 253 | 16.500 | 16.490 | 16.519 | VV | 61 | 1276 | 0.02% | 0.007% |
| 254 | 16.548 | 16.539 | 16.566 | VV | 76 | 1085 | 0.02% | 0.006% |
| 255 | 16.591 | 16.566 | 16.615 | VV | 132 | 2884 | 0.05% | 0.015% |
| 256 | 16.628 | 16.615 | 16.647 | PV | 140 | 1283 | 0.02% | 0.007% |
| 257 | 16.715 | 16.674 | 16.729 | VV | 115 | 2523 | 0.04% | 0.013% |
| 258 | 16.768 | 16.729 | 16.790 | VV | 482 | 9587 | 0.17% | 0.051% |
| 259 | 16.805 | 16.790 | 16.814 | VV | 209 | 2197 | 0.04% | 0.012% |
| 260 | 16.849 | 16.814 | 16.905 | VV | 960 | 20778 | 0.36% | 0.111% |
| 261 | 16.926 | 16.905 | 16.978 | VV | 240 | 8102 | 0.14% | 0.043% |
| 262 | 17.006 | 16.978 | 17.025 | VV | 200 | 3916 | 0.07% | 0.021% |
| 263 | 17.065 | 17.025 | 17.099 | VV | 116 | 3018 | 0.05% | 0.016% |
| 264 | 17.139 | 17.099 | 17.159 | PV | 169 | 3646 | 0.06% | 0.019% |
| 265 | 17.234 | 17.159 | 17.267 | VV | 924 | 29869 | 0.52% | 0.159% |
| 266 | 17.282 | 17.267 | 17.311 | VV | 362 | 6897 | 0.12% | 0.037% |
| 267 | 17.328 | 17.311 | 17.374 | VV | 228 | 5149 | 0.09% | 0.027% |
| 268 | 17.388 | 17.374 | 17.400 | VV | 98 | 1256 | 0.02% | 0.007% |
| 269 | 17.428 | 17.400 | 17.452 | VV | 172 | 2613 | 0.05% | 0.014% |
| 270 | 17.488 | 17.452 | 17.495 | VV | 126 | 2236 | 0.04% | 0.012% |
| 271 | 17.527 | 17.495 | 17.543 | PV | 163 | 2800 | 0.05% | 0.015% |
| 272 | 17.569 | 17.543 | 17.590 | VV | 288 | 5333 | 0.09% | 0.028% |
| 273 | 17.600 | 17.590 | 17.639 | VV | 171 | 3195 | 0.06% | 0.017% |
| 274 | 17.687 | 17.639 | 17.722 | VV | 850 | 15604 | 0.27% | 0.083% |
| 275 | 17.794 | 17.739 | 17.837 | VV | 114 | 4258 | 0.07% | 0.023% |
| 276 | 17.871 | 17.837 | 17.889 | PV | 204 | 1667 | 0.03% | 0.009% |
| 277 | 18.017 | 17.889 | 18.025 | PV | 73 | 4407 | 0.08% | 0.024% |
| 278 | 18.126 | 18.025 | 18.155 | PV | 1054 | 22018 | 0.38% | 0.117% |
| 279 | 18.218 | 18.155 | 18.251 | VV | 245 | 6818 | 0.12% | 0.036% |
| 280 | 18.416 | 18.251 | 18.428 | VV | 122 | 3555 | 0.06% | 0.019% |
| 281 | 18.446 | 18.428 | 18.472 | VV | 206 | 2371 | 0.04% | 0.013% |
| 282 | 18.511 | 18.472 | 18.523 | PV | 110 | 2348 | 0.04% | 0.013% |
| 283 | 18.554 | 18.523 | 18.588 | VV | 1096 | 21866 | 0.38% | 0.117% |
| 284 | 18.608 | 18.588 | 18.631 | VV | 476 | 10066 | 0.17% | 0.054% |
| 285 | 18.637 | 18.631 | 18.717 | VV | 339 | 9927 | 0.17% | 0.053% |
| 286 | 18.819 | 18.717 | 18.851 | PBA | 145 | 7825 | 0.14% | 0.042% |

Sum of corrected areas: 18745410

Aromatic EPH 102925.M Tue Nov 18 01:15:33 2025

Sample Results: **FG016929.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111725AL\
Data File : FG016929.D
Signal(s) : FID1A.ch
Acq On : 17 Nov 2025 18:02
Operator : YP\AJ
Sample : Q3586-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
FID_G
**ClientSampleId :**
SED-1

Integration File: autoint1.e
Quant Time: Nov 18 01:22:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 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 | | | |
| 12) S 1-chlorooctadecane (S... | 13.481 | 5117800 | 42.495 ug/ml |
| Spiked Amount 50.000 | | Recovery = 84.99% | |
| Target Compounds | | | |

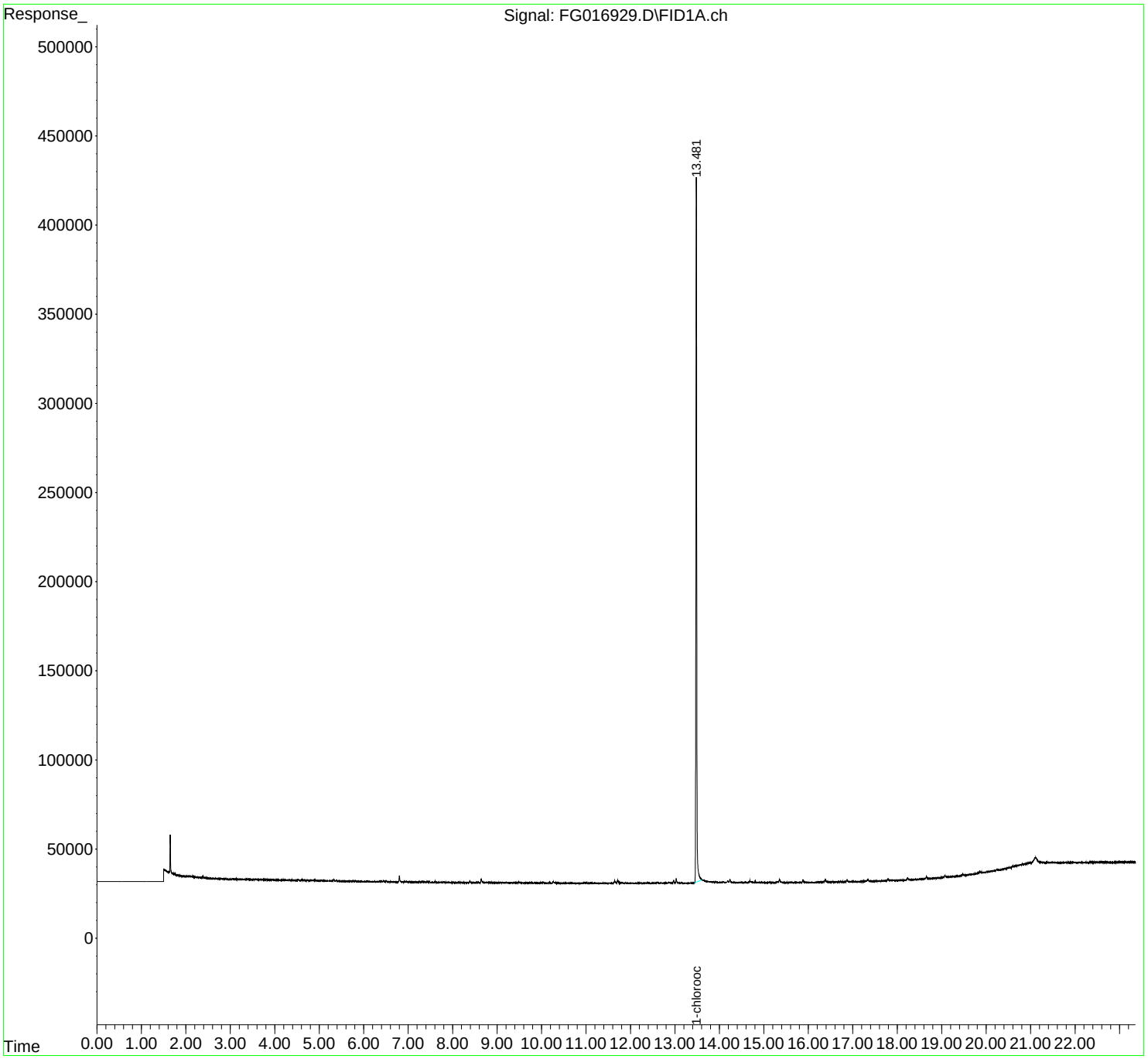
(f)=RT Delta > 1/2 Window (m)=manual int.

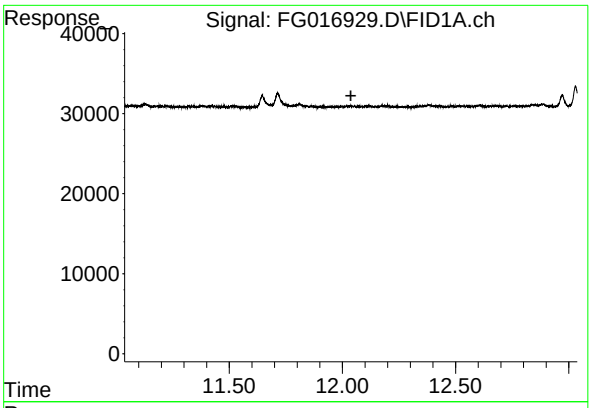
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111725AL\
Data File : FG016929.D
Signal(s) : FID1A.ch
Acq On : 17 Nov 2025 18:02
Operator : YP\AJ
Sample : Q3586-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
FID_G
**ClientSampleId :**
SED-1

Integration File: autoint1.e
Quant Time: Nov 18 01:22:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 2025
Response via : Initial Calibration
Integrator: ChemStation

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

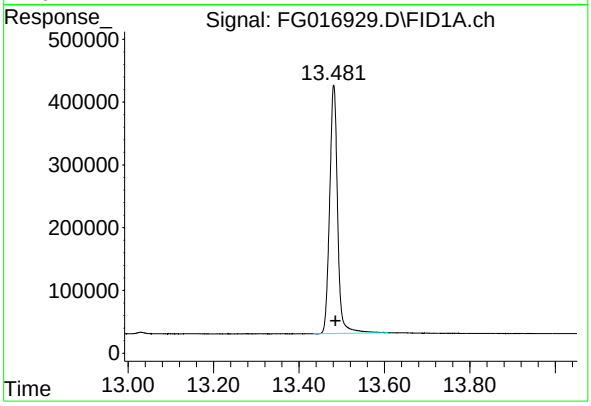





#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 12.038 min
Response: 0
Conc: N.D.

**Instrument :**
FID_G
**ClientSampleId :**
SED-1




#12 1-chlorooctadecane (SURR)

R.T.: 13.481 min
Delta R.T.: -0.004 min
Response: 5117800
Conc: 42.49 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111725AL\
Data File : FG016929.D
Signal(s) : FID1A.ch
Acq On : 17 Nov 2025 18:02
Sample : Q3586-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.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 | 3.365 | 3.305 | 3.498 | BV | 144 | 3248 | 0.06% | 0.032% |
| 2 | 3.505 | 3.498 | 3.514 | PV | 55 | 343 | 0.01% | 0.003% |
| 3 | 3.531 | 3.514 | 3.548 | VV | 80 | 958 | 0.02% | 0.010% |
| 4 | 3.558 | 3.548 | 3.598 | VV | 112 | 2143 | 0.04% | 0.021% |
| 5 | 3.614 | 3.598 | 3.648 | VV | 121 | 1853 | 0.03% | 0.018% |
| 6 | 3.679 | 3.648 | 3.705 | VV | 130 | 2803 | 0.05% | 0.028% |
| 7 | 3.727 | 3.705 | 3.747 | VV | 125 | 1428 | 0.03% | 0.014% |
| 8 | 3.757 | 3.747 | 3.858 | VV | 96 | 2955 | 0.06% | 0.029% |
| 9 | 3.866 | 3.858 | 3.901 | VV | 97 | 1327 | 0.02% | 0.013% |
| 10 | 3.914 | 3.901 | 3.931 | VV | 96 | 783 | 0.01% | 0.008% |
| 11 | 3.942 | 3.931 | 4.006 | PV | 113 | 2202 | 0.04% | 0.022% |
| 12 | 4.062 | 4.006 | 4.141 | PV | 145 | 5091 | 0.09% | 0.051% |
| 13 | 4.157 | 4.141 | 4.176 | VV | 182 | 1854 | 0.03% | 0.018% |
| 14 | 4.195 | 4.176 | 4.219 | VV | 262 | 3271 | 0.06% | 0.033% |
| 15 | 4.229 | 4.219 | 4.260 | VV | 153 | 1624 | 0.03% | 0.016% |
| 16 | 4.271 | 4.260 | 4.318 | VV | 206 | 3042 | 0.06% | 0.030% |
| 17 | 4.362 | 4.318 | 4.488 | VV | 244 | 11523 | 0.22% | 0.115% |
| 18 | 4.530 | 4.488 | 4.548 | VV | 377 | 6449 | 0.12% | 0.064% |
| 19 | 4.559 | 4.548 | 4.605 | VV | 175 | 4664 | 0.09% | 0.046% |
| 20 | 4.622 | 4.605 | 4.717 | VV | 829 | 15428 | 0.29% | 0.153% |
| 21 | 4.738 | 4.717 | 4.783 | VV | 283 | 5994 | 0.11% | 0.060% |
| 22 | 4.812 | 4.783 | 4.855 | VV | 357 | 7258 | 0.14% | 0.072% |
| 23 | 4.874 | 4.855 | 4.889 | VV | 264 | 3307 | 0.06% | 0.033% |
| 24 | 4.906 | 4.889 | 4.985 | VV | 458 | 9332 | 0.17% | 0.093% |
| 25 | 4.991 | 4.985 | 5.000 | VV | 112 | 1013 | 0.02% | 0.010% |
| 26 | 5.017 | 5.000 | 5.029 | VV | 155 | 2255 | 0.04% | 0.022% |
| 27 | 5.042 | 5.029 | 5.063 | VV | 390 | 3739 | 0.07% | 0.037% |
| 28 | 5.111 | 5.063 | 5.162 | VV | 190 | 7308 | 0.14% | 0.073% |
| 29 | 5.170 | 5.162 | 5.195 | VV | 150 | 1660 | 0.03% | 0.016% |
| 30 | 5.234 | 5.195 | 5.258 | VV | 152 | 4087 | 0.08% | 0.041% |
| 31 | 5.275 | 5.258 | 5.288 | VV | 218 | 2207 | 0.04% | 0.022% |
| 32 | 5.299 | 5.288 | 5.306 | VV | 243 | 2223 | 0.04% | 0.022% |
| 33 | 5.326 | 5.306 | 5.357 | VV | 1063 | 14138 | 0.26% | 0.140% |
| 34 | 5.381 | 5.357 | 5.423 | VV | 366 | 6926 | 0.13% | 0.069% |
| 35 | 5.443 | 5.423 | 5.485 | VV | 246 | 3187 | 0.06% | 0.032% |
| 36 | 5.506 | 5.485 | 5.522 | PV | 74 | 1105 | 0.02% | 0.011% |

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|---|---|---|---|---|---|---|---|---|
| 37 | 5.535 | 5.522 | 5.545 | VV | 70 | 651 | 0.01% | 0.006% |
| 38 | 5.560 | 5.545 | 5.623 | VV | 86 | 1968 | 0.04% | 0.020% |
| 39 | 5.640 | 5.623 | 5.652 | VV | 99 | 1105 | 0.02% | 0.011% |
| 40 | 5.658 | 5.652 | 5.711 | VV | 84 | 1621 | 0.03% | 0.016% |
| 41 | 5.725 | 5.711 | 5.748 | VV | 116 | 1458 | 0.03% | 0.014% |
| 42 | 5.766 | 5.748 | 5.786 | PV | 349 | 4441 | 0.08% | 0.044% |
| 43 | 5.808 | 5.786 | 5.839 | VV | 378 | 5363 | 0.10% | 0.053% |
| 44 | 5.866 | 5.839 | 5.888 | VV | 121 | 2402 | 0.04% | 0.024% |
| 45 | 5.890 | 5.888 | 5.927 | VV | 160 | 2029 | 0.04% | 0.020% |
| 46 | 5.960 | 5.927 | 6.011 | VV | 208 | 4824 | 0.09% | 0.048% |
| 47 | 6.025 | 6.011 | 6.043 | VV | 121 | 1685 | 0.03% | 0.017% |
| 48 | 6.076 | 6.043 | 6.109 | VV | 197 | 4601 | 0.09% | 0.046% |
| 49 | 6.132 | 6.109 | 6.178 | VV | 217 | 4908 | 0.09% | 0.049% |
| 50 | 6.183 | 6.178 | 6.224 | VV | 134 | 2281 | 0.04% | 0.023% |
| 51 | 6.245 | 6.224 | 6.280 | VV | 264 | 4011 | 0.07% | 0.040% |
| 52 | 6.298 | 6.280 | 6.322 | VV | 251 | 3086 | 0.06% | 0.031% |
| 53 | 6.358 | 6.322 | 6.379 | VV | 364 | 7523 | 0.14% | 0.075% |
| 54 | 6.399 | 6.379 | 6.422 | VV | 373 | 5833 | 0.11% | 0.058% |
| 55 | 6.445 | 6.422 | 6.491 | VV | 622 | 11544 | 0.22% | 0.115% |
| 56 | 6.508 | 6.491 | 6.554 | VV | 713 | 10298 | 0.19% | 0.102% |
| 57 | 6.566 | 6.554 | 6.571 | VV | 121 | 951 | 0.02% | 0.009% |
| 58 | 6.582 | 6.571 | 6.660 | VV | 204 | 5058 | 0.09% | 0.050% |
| 59 | 6.693 | 6.660 | 6.772 | VV | 142 | 4395 | 0.08% | 0.044% |
| 60 | 6.802 | 6.772 | 6.870 | PV | 3656 | 50092 | 0.93% | 0.498% |
| 61 | 6.889 | 6.870 | 6.908 | VV | 286 | 4608 | 0.09% | 0.046% |
| 62 | 6.924 | 6.908 | 6.935 | VV | 259 | 2910 | 0.05% | 0.029% |
| 63 | 6.956 | 6.935 | 6.980 | VV | 490 | 7424 | 0.14% | 0.074% |
| 64 | 6.990 | 6.980 | 7.015 | VV | 206 | 3001 | 0.06% | 0.030% |
| 65 | 7.029 | 7.015 | 7.071 | VV | 333 | 5907 | 0.11% | 0.059% |
| 66 | 7.083 | 7.071 | 7.128 | VV | 178 | 4239 | 0.08% | 0.042% |
| 67 | 7.144 | 7.128 | 7.237 | VV | 180 | 6949 | 0.13% | 0.069% |
| 68 | 7.259 | 7.237 | 7.298 | VV | 235 | 5369 | 0.10% | 0.053% |
| 69 | 7.315 | 7.298 | 7.350 | VV | 396 | 9184 | 0.17% | 0.091% |
| 70 | 7.377 | 7.350 | 7.399 | VV | 397 | 7758 | 0.14% | 0.077% |
| 71 | 7.428 | 7.399 | 7.466 | VV | 425 | 11133 | 0.21% | 0.111% |
| 72 | 7.482 | 7.466 | 7.520 | VV | 340 | 5854 | 0.11% | 0.058% |
| 73 | 7.530 | 7.520 | 7.538 | VV | 136 | 1505 | 0.03% | 0.015% |
| 74 | 7.546 | 7.538 | 7.570 | VV | 174 | 2553 | 0.05% | 0.025% |
| 75 | 7.608 | 7.570 | 7.658 | VV | 810 | 12955 | 0.24% | 0.129% |
| 76 | 7.684 | 7.658 | 7.703 | VV | 225 | 3954 | 0.07% | 0.039% |
| 77 | 7.716 | 7.703 | 7.729 | VV | 231 | 2736 | 0.05% | 0.027% |
| 78 | 7.758 | 7.729 | 7.795 | VV | 301 | 7766 | 0.14% | 0.077% |
| 79 | 7.815 | 7.795 | 7.872 | VV | 218 | 7691 | 0.14% | 0.076% |
| 80 | 7.882 | 7.872 | 7.893 | VV | 155 | 1605 | 0.03% | 0.016% |
| 81 | 7.901 | 7.893 | 7.953 | VV | 140 | 3513 | 0.07% | 0.035% |
| 82 | 8.020 | 7.953 | 8.061 | PV | 311 | 6109 | 0.11% | 0.061% |
| 83 | 8.086 | 8.061 | 8.101 | VV | 181 | 2560 | 0.05% | 0.025% |
| 84 | 8.119 | 8.101 | 8.150 | VV | 195 | 3279 | 0.06% | 0.033% |
| 85 | 8.185 | 8.150 | 8.232 | VV | 195 | 5721 | 0.11% | 0.057% |
| 86 | 8.242 | 8.232 | 8.276 | VV | 132 | 2426 | 0.05% | 0.024% |
| 87 | 8.297 | 8.276 | 8.312 | VV | 142 | 1373 | 0.03% | 0.014% |
| 88 | 8.335 | 8.312 | 8.366 | VV | 240 | 4201 | 0.08% | 0.042% |
| 89 | 8.388 | 8.366 | 8.471 | VV | 1018 | 17202 | 0.32% | 0.171% |

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|---|---|---|---|---|---|---|---|---|
| 90 | 8.491 | 8.471 | 8.519 | VV | 187 | 2805 | 0.05% | 0.028% |
| 91 | 8.549 | 8.519 | 8.608 | VV | 345 | 9493 | 0.18% | 0.094% |
| 92 | 8.642 | 8.608 | 8.724 | VV | 2025 | 41328 | 0.77% | 0.411% |
| 93 | 8.741 | 8.724 | 8.760 | VV | 344 | 5416 | 0.10% | 0.054% |
| 94 | 8.786 | 8.760 | 8.813 | VV | 314 | 7704 | 0.14% | 0.077% |
| 95 | 8.829 | 8.813 | 8.862 | VV | 229 | 4330 | 0.08% | 0.043% |
| 96 | 8.876 | 8.862 | 8.963 | VV | 234 | 5310 | 0.10% | 0.053% |
| 97 | 9.002 | 8.963 | 9.051 | VV | 180 | 6475 | 0.12% | 0.064% |
| 98 | 9.058 | 9.051 | 9.072 | VV | 172 | 1838 | 0.03% | 0.018% |
| 99 | 9.107 | 9.072 | 9.119 | VV | 231 | 4522 | 0.08% | 0.045% |
| 100 | 9.145 | 9.119 | 9.168 | VV | 238 | 5532 | 0.10% | 0.055% |
| 101 | 9.190 | 9.168 | 9.227 | VV | 334 | 7687 | 0.14% | 0.076% |
| 102 | 9.247 | 9.227 | 9.280 | VV | 180 | 3596 | 0.07% | 0.036% |
| 103 | 9.304 | 9.280 | 9.329 | VV | 151 | 2920 | 0.05% | 0.029% |
| 104 | 9.337 | 9.329 | 9.348 | VV | 57 | 708 | 0.01% | 0.007% |
| 105 | 9.375 | 9.348 | 9.392 | VV | 589 | 8406 | 0.16% | 0.084% |
| 106 | 9.405 | 9.392 | 9.421 | VV | 323 | 4671 | 0.09% | 0.046% |
| 107 | 9.433 | 9.421 | 9.457 | VV | 335 | 4914 | 0.09% | 0.049% |
| 108 | 9.488 | 9.457 | 9.539 | VV | 796 | 15995 | 0.30% | 0.159% |
| 109 | 9.562 | 9.539 | 9.590 | VV | 237 | 4560 | 0.09% | 0.045% |
| 110 | 9.611 | 9.590 | 9.642 | VV | 213 | 3604 | 0.07% | 0.036% |
| 111 | 9.663 | 9.642 | 9.691 | VV | 182 | 3167 | 0.06% | 0.031% |
| 112 | 9.724 | 9.691 | 9.750 | VV | 215 | 5489 | 0.10% | 0.055% |
| 113 | 9.775 | 9.750 | 9.821 | VV | 329 | 6448 | 0.12% | 0.064% |
| 114 | 9.846 | 9.821 | 9.885 | VV | 317 | 6312 | 0.12% | 0.063% |
| 115 | 9.898 | 9.885 | 9.925 | VV | 232 | 3496 | 0.07% | 0.035% |
| 116 | 9.938 | 9.925 | 9.966 | VV | 134 | 2566 | 0.05% | 0.026% |
| 117 | 9.992 | 9.966 | 10.016 | VV | 296 | 5688 | 0.11% | 0.057% |
| 118 | 10.038 | 10.016 | 10.084 | VV | 673 | 11175 | 0.21% | 0.111% |
| 119 | 10.095 | 10.084 | 10.105 | VV | 127 | 1225 | 0.02% | 0.012% |
| 120 | 10.122 | 10.105 | 10.131 | VV | 150 | 1782 | 0.03% | 0.018% |
| 121 | 10.136 | 10.131 | 10.149 | VV | 133 | 983 | 0.02% | 0.010% |
| 122 | 10.184 | 10.149 | 10.235 | VV | 348 | 9017 | 0.17% | 0.090% |
| 123 | 10.263 | 10.235 | 10.468 | VV | 877 | 31227 | 0.58% | 0.310% |
| 124 | 10.482 | 10.468 | 10.561 | PV | 111 | 4507 | 0.08% | 0.045% |
| 125 | 10.582 | 10.561 | 10.631 | VV | 136 | 3737 | 0.07% | 0.037% |
| 126 | 10.654 | 10.631 | 10.716 | VV | 231 | 6973 | 0.13% | 0.069% |
| 127 | 10.746 | 10.716 | 10.762 | VV | 129 | 2743 | 0.05% | 0.027% |
| 128 | 10.771 | 10.762 | 10.782 | VV | 122 | 960 | 0.02% | 0.010% |
| 129 | 10.809 | 10.782 | 10.845 | VV | 125 | 3134 | 0.06% | 0.031% |
| 130 | 10.898 | 10.845 | 10.915 | VV | 183 | 3734 | 0.07% | 0.037% |
| 131 | 10.942 | 10.915 | 10.989 | VV | 259 | 7328 | 0.14% | 0.073% |
| 132 | 11.008 | 10.989 | 11.038 | VV | 313 | 6184 | 0.12% | 0.061% |
| 133 | 11.067 | 11.038 | 11.095 | VV | 263 | 5987 | 0.11% | 0.059% |
| 134 | 11.131 | 11.095 | 11.156 | VV | 406 | 9195 | 0.17% | 0.091% |
| 135 | 11.190 | 11.156 | 11.211 | VV | 188 | 4675 | 0.09% | 0.046% |
| 136 | 11.220 | 11.211 | 11.249 | VV | 174 | 2819 | 0.05% | 0.028% |
| 137 | 11.263 | 11.249 | 11.311 | VV | 114 | 3224 | 0.06% | 0.032% |
| 138 | 11.334 | 11.311 | 11.360 | VV | 148 | 3221 | 0.06% | 0.032% |
| 139 | 11.381 | 11.360 | 11.490 | VV | 206 | 9395 | 0.18% | 0.093% |
| 140 | 11.516 | 11.490 | 11.561 | PV | 175 | 3876 | 0.07% | 0.039% |
| 141 | 11.571 | 11.561 | 11.591 | VV | 76 | 565 | 0.01% | 0.006% |

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|---|---|---|---|---|---|---|---|---|
| 142 | 11.646 | 11.591 | 11.690 | VV | 1464 | 27334 | 0.51% | 0.272% |
| 143 | 11.714 | 11.690 | 11.782 | VV | 1781 | 36202 | 0.68% | 0.360% |
| 144 | 11.810 | 11.782 | 11.895 | VV | 426 | 12435 | 0.23% | 0.124% |
| 145 | 11.901 | 11.895 | 11.928 | VV | 100 | 1494 | 0.03% | 0.015% |
| 146 | 11.944 | 11.928 | 11.975 | VV | 94 | 2120 | 0.04% | 0.021% |
| 147 | 11.979 | 11.975 | 11.986 | VV | 105 | 553 | 0.01% | 0.005% |
| 148 | 11.999 | 11.986 | 12.009 | VV | 127 | 1302 | 0.02% | 0.013% |
| 149 | 12.034 | 12.009 | 12.048 | VV | 167 | 2798 | 0.05% | 0.028% |
| 150 | 12.052 | 12.048 | 12.062 | VV | 133 | 809 | 0.02% | 0.008% |
| 151 | 12.071 | 12.062 | 12.088 | VV | 121 | 1389 | 0.03% | 0.014% |
| 152 | 12.103 | 12.088 | 12.110 | VV | 181 | 1613 | 0.03% | 0.016% |
| 153 | 12.120 | 12.110 | 12.155 | VV | 187 | 2834 | 0.05% | 0.028% |
| 154 | 12.175 | 12.155 | 12.191 | VV | 213 | 2927 | 0.05% | 0.029% |
| 155 | 12.201 | 12.191 | 12.301 | VV | 182 | 4287 | 0.08% | 0.043% |
| 156 | 12.380 | 12.301 | 12.415 | VV | 271 | 9290 | 0.17% | 0.092% |
| 157 | 12.427 | 12.415 | 12.455 | VV | 178 | 2582 | 0.05% | 0.026% |
| 158 | 12.488 | 12.455 | 12.501 | VV | 116 | 2577 | 0.05% | 0.026% |
| 159 | 12.519 | 12.501 | 12.563 | VV | 171 | 4206 | 0.08% | 0.042% |
| 160 | 12.573 | 12.563 | 12.591 | VV | 84 | 1572 | 0.03% | 0.016% |
| 161 | 12.606 | 12.591 | 12.639 | VV | 242 | 4539 | 0.08% | 0.045% |
| 162 | 12.674 | 12.639 | 12.715 | VV | 189 | 5389 | 0.10% | 0.054% |
| 163 | 12.722 | 12.715 | 12.737 | VV | 132 | 1377 | 0.03% | 0.014% |
| 164 | 12.844 | 12.737 | 12.863 | VV | 277 | 12142 | 0.23% | 0.121% |
| 165 | 12.886 | 12.863 | 12.931 | VV | 325 | 8152 | 0.15% | 0.081% |
| 166 | 12.971 | 12.931 | 13.000 | VV | 1492 | 22259 | 0.42% | 0.221% |
| 167 | 13.030 | 13.000 | 13.120 | VV | 2573 | 42610 | 0.80% | 0.423% |
| 168 | 13.152 | 13.120 | 13.227 | VV | 255 | 8341 | 0.16% | 0.083% |
| 169 | 13.308 | 13.227 | 13.335 | PV | 154 | 6410 | 0.12% | 0.064% |
| 170 | 13.361 | 13.335 | 13.385 | VV | 162 | 3351 | 0.06% | 0.033% |
| 171 | 13.481 | 13.385 | 13.808 | VV | 397874 | 5359246 | 100.00% | 53.257% |
| 172 | 13.827 | 13.808 | 13.898 | VV | 744 | 32757 | 0.61% | 0.326% |
| 173 | 13.915 | 13.898 | 14.007 | VV | 529 | 29279 | 0.55% | 0.291% |
| 174 | 14.066 | 14.007 | 14.152 | VV | 494 | 34584 | 0.65% | 0.344% |
| 175 | 14.187 | 14.152 | 14.211 | VV | 1317 | 25042 | 0.47% | 0.249% |
| 176 | 14.238 | 14.211 | 14.416 | VV | 2108 | 63027 | 1.18% | 0.626% |
| 177 | 14.470 | 14.416 | 14.554 | VV | 299 | 20240 | 0.38% | 0.201% |
| 178 | 14.571 | 14.554 | 14.636 | VV | 242 | 10496 | 0.20% | 0.104% |
| 179 | 14.688 | 14.636 | 14.778 | VV | 1089 | 36028 | 0.67% | 0.358% |
| 180 | 14.806 | 14.778 | 14.898 | VV | 703 | 22851 | 0.43% | 0.227% |
| 181 | 14.911 | 14.898 | 14.938 | VV | 247 | 4619 | 0.09% | 0.046% |
| 182 | 14.968 | 14.938 | 15.041 | VV | 278 | 10747 | 0.20% | 0.107% |
| 183 | 15.062 | 15.041 | 15.084 | VV | 126 | 2659 | 0.05% | 0.026% |
| 184 | 15.157 | 15.084 | 15.181 | VV | 120 | 5893 | 0.11% | 0.059% |
| 185 | 15.201 | 15.181 | 15.223 | VV | 173 | 3188 | 0.06% | 0.032% |
| 186 | 15.238 | 15.223 | 15.258 | VV | 135 | 1760 | 0.03% | 0.017% |
| 187 | 15.309 | 15.258 | 15.325 | VV | 596 | 10730 | 0.20% | 0.107% |
| 188 | 15.352 | 15.325 | 15.495 | VV | 1758 | 40450 | 0.75% | 0.402% |
| 189 | 15.516 | 15.495 | 15.605 | VV | 122 | 3178 | 0.06% | 0.032% |
| 190 | 15.621 | 15.605 | 15.705 | VV | 86 | 2050 | 0.04% | 0.020% |
| 191 | 15.769 | 15.705 | 15.808 | PV | 105 | 3715 | 0.07% | 0.037% |
| 192 | 15.877 | 15.808 | 16.048 | VV | 1126 | 27366 | 0.51% | 0.272% |
| 193 | 16.070 | 16.048 | 16.138 | PV | 75 | 2542 | 0.05% | 0.025% |
| 194 | 16.151 | 16.138 | 16.178 | VV | 76 | 1384 | 0.03% | 0.014% |

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|---|---|---|---|---|---|---|---|---|
| 195 | 16.203 | 16.178 | 16.224 | VV | 117 | 2361 | 0.04% | 0.023% |
| 196 | 16.244 | 16.224 | 16.295 | VV | 121 | 3575 | 0.07% | 0.036% |
| 197 | 16.382 | 16.295 | 16.497 | VV | 1599 | 47043 | 0.88% | 0.467% |
| 198 | 16.517 | 16.497 | 16.595 | VV | 192 | 6651 | 0.12% | 0.066% |
| 199 | 16.609 | 16.595 | 16.649 | VV | 120 | 2675 | 0.05% | 0.027% |
| 200 | 16.691 | 16.649 | 16.718 | PV | 186 | 4447 | 0.08% | 0.044% |
| 201 | 16.736 | 16.718 | 16.803 | VV | 150 | 3566 | 0.07% | 0.035% |
| 202 | 16.869 | 16.803 | 17.011 | VV | 1005 | 26448 | 0.49% | 0.263% |
| 203 | 17.044 | 17.011 | 17.120 | PV | 122 | 4908 | 0.09% | 0.049% |
| 204 | 17.220 | 17.120 | 17.262 | VV | 154 | 6458 | 0.12% | 0.064% |
| 205 | 17.337 | 17.262 | 17.485 | VV | 1354 | 34142 | 0.64% | 0.339% |
| 206 | 17.553 | 17.485 | 17.567 | PV | 78 | 1947 | 0.04% | 0.019% |
| 207 | 17.631 | 17.567 | 17.654 | VV | 106 | 3754 | 0.07% | 0.037% |
| 208 | 17.685 | 17.654 | 17.700 | VV | 109 | 2039 | 0.04% | 0.020% |
| 209 | 17.792 | 17.700 | 17.860 | VV | 1231 | 30284 | 0.57% | 0.301% |
| 210 | 17.885 | 17.860 | 17.935 | VV | 388 | 7277 | 0.14% | 0.072% |
| 211 | 18.007 | 17.935 | 18.026 | VV | 146 | 4808 | 0.09% | 0.048% |
| 212 | 18.231 | 18.026 | 18.331 | PV | 1278 | 33448 | 0.62% | 0.332% |
| 213 | 18.397 | 18.331 | 18.429 | PV | 135 | 4873 | 0.09% | 0.048% |
| 214 | 18.508 | 18.429 | 18.535 | VV | 175 | 3048 | 0.06% | 0.030% |
| 215 | 18.658 | 18.535 | 18.731 | VV | 1240 | 26606 | 0.50% | 0.264% |
| 216 | 18.746 | 18.731 | 18.768 | VV | 109 | 1438 | 0.03% | 0.014% |
| 217 | 19.072 | 18.768 | 19.138 | PV | 1074 | 24464 | 0.46% | 0.243% |
| 218 | 19.471 | 19.138 | 19.525 | PV | 735 | 13041 | 0.24% | 0.130% |
| 219 | 19.860 | 19.525 | 19.901 | VV | 1241 | 72720 | 1.36% | 0.723% |
| 220 | 20.160 | 19.901 | 20.195 | VV | 1096 | 133286 | 2.49% | 1.325% |
| 221 | 20.237 | 20.195 | 20.265 | VV | 1482 | 51353 | 0.96% | 0.510% |
| 222 | 20.503 | 20.265 | 20.523 | VV | 1889 | 227915 | 4.25% | 2.265% |
| 223 | 20.605 | 20.523 | 20.625 | VV | 2582 | 129112 | 2.41% | 1.283% |
| 224 | 20.977 | 20.625 | 21.005 | VV | 3450 | 667585 | 12.46% | 6.634% |
| 225 | 21.109 | 21.005 | 21.251 | VV | 6231 | 626410 | 11.69% | 6.225% |
| 226 | 21.270 | 21.251 | 21.325 | VV | 3003 | 125978 | 2.35% | 1.252% |
| 227 | 21.375 | 21.325 | 21.431 | VV | 2933 | 173597 | 3.24% | 1.725% |
| 228 | 21.487 | 21.431 | 21.538 | VV | 2430 | 152476 | 2.85% | 1.515% |
| 229 | 21.555 | 21.538 | 21.665 | VV | 2237 | 154300 | 2.88% | 1.533% |
| 230 | 21.741 | 21.665 | 21.805 | VV | 1854 | 147855 | 2.76% | 1.469% |
| 231 | 21.836 | 21.805 | 21.891 | VV | 1633 | 79175 | 1.48% | 0.787% |
| 232 | 21.944 | 21.891 | 22.075 | VV | 1316 | 130119 | 2.43% | 1.293% |
| 233 | 22.101 | 22.075 | 22.126 | VV | 847 | 25296 | 0.47% | 0.251% |
| 234 | 22.154 | 22.126 | 22.241 | VV | 760 | 43951 | 0.82% | 0.437% |
| 235 | 22.269 | 22.241 | 22.291 | VV | 475 | 13416 | 0.25% | 0.133% |
| 236 | 22.357 | 22.291 | 22.391 | VV | 533 | 26134 | 0.49% | 0.260% |
| 237 | 22.417 | 22.391 | 22.501 | VBA | 326 | 21264 | 0.40% | 0.211% |

Sum of corrected areas: 10062953

Aliphatic EPH 102925.M Tue Nov 18 03:12:10 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
Data File : FF016723.D
Signal(s) : FID2B.ch
Acq On : 17 Nov 2025 18:31
Operator : YP\AJ
Sample : Q3586-02
Misc :
ALS Vial : 77 Sample Multiplier: 1

**Instrument :**
FID_F
**ClientSampleId :**
SED-2

Integration File: autoint1.e
Quant Time: Nov 18 00:34:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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

| Compound | R.T. | Response | Conc Units |
|---|---|---|---|
| System Monitoring Compounds | | | |
| 4) S 2-Bromonaphthalene (S... | 8.010 | 5264631 | 46.457 ug/ml |
| Spiked Amount 50.000 | | Recovery = | 92.91% |
| 6) S 2-Flurobiphenyl (SURR) | 8.885 | 3530106 | 49.496 ug/ml |
| Spiked Amount 50.000 | Range 0 - 131 | Recovery = | 98.99% |
| 11) S ortho-Terphenyl (SURR) | 11.952 | 4332904 | 29.505 ug/ml |
| Spiked Amount 50.000 | | Recovery = | 59.01% |
| Target Compounds | | | |

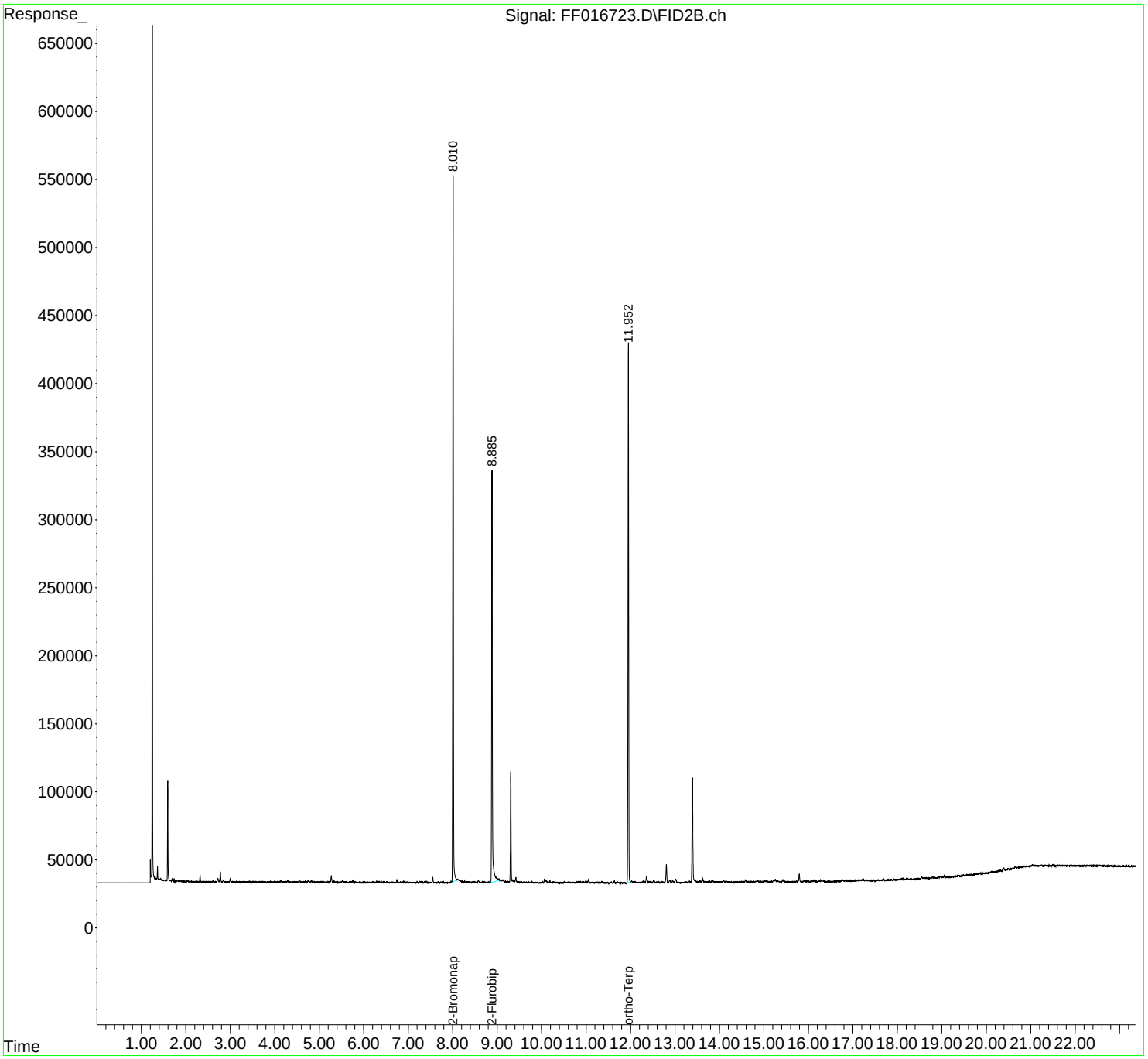
(f)=RT Delta > 1/2 Window (m)=manual int.

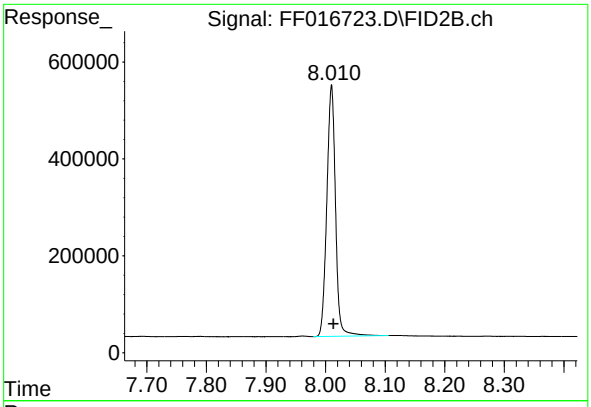
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
Data File : FF016723.D
Signal(s) : FID2B.ch
Acq On : 17 Nov 2025 18:31
Operator : YP\AJ
Sample : Q3586-02
Misc :
ALS Vial : 77 Sample Multiplier: 1

**Instrument :**
FID_F
**ClientSampleId :**
SED-2

Integration File: autoint1.e
Quant Time: Nov 18 00:34:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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

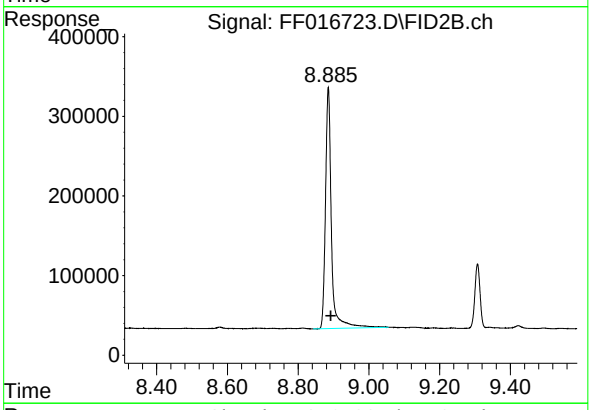





#4 2-Bromonaphthalene (SURR)

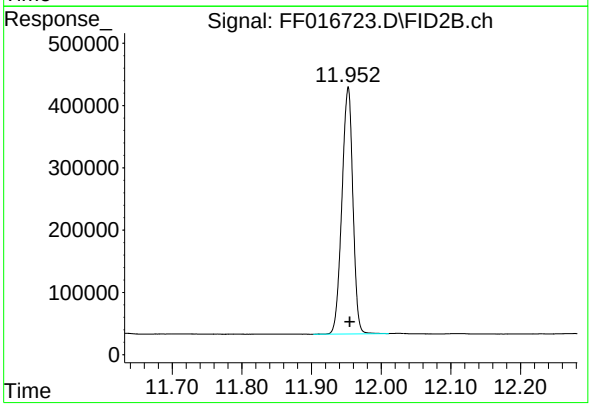
R.T.: 8.010 min
Delta R.T.: -0.003 min
Response: 5264631
Conc: 46.46 ug/ml

**Instrument :**
FID_F
**ClientSampleId :**
SED-2




#6 2-Flurobiphenyl (SURR)

R.T.: 8.885 min
Delta R.T.: -0.007 min
Response: 3530106
Conc: 49.50 ug/ml




#11 ortho-Terphenyl (SURR)

R.T.: 11.952 min
Delta R.T.: -0.002 min
Response: 4332904
Conc: 29.51 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
Data File : FF016723.D
Signal(s) : FID2B.ch
Acq On : 17 Nov 2025 18:31
Sample : Q3586-02
Misc :
ALS Vial : 77 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Title : GC Extractables

Signal : FID2B.ch

| peak # | R.T. min | Start min | End min | PK TY | peak height | peak area | peak % max. | % of total |
|---|---|---|---|---|---|---|---|---|
| 1 | 4.475 | 4.462 | 4.496 | VV | 262 | 2794 | 0.05% | 0.014% |
| 2 | 4.501 | 4.496 | 4.535 | VV | 172 | 1203 | 0.02% | 0.006% |
| 3 | 4.567 | 4.543 | 4.592 | PV | 1063 | 11766 | 0.22% | 0.060% |
| 4 | 4.603 | 4.592 | 4.627 | VV | 367 | 4038 | 0.08% | 0.021% |
| 5 | 4.635 | 4.627 | 4.653 | VV | 156 | 1470 | 0.03% | 0.008% |
| 6 | 4.678 | 4.653 | 4.684 | VV | 498 | 4104 | 0.08% | 0.021% |
| 7 | 4.693 | 4.684 | 4.714 | VV | 453 | 5324 | 0.10% | 0.027% |
| 8 | 4.734 | 4.714 | 4.742 | VV | 672 | 7359 | 0.14% | 0.038% |
| 9 | 4.757 | 4.742 | 4.782 | VV | 1360 | 16450 | 0.31% | 0.084% |
| 10 | 4.788 | 4.782 | 4.799 | VV | 230 | 1661 | 0.03% | 0.009% |
| 11 | 4.820 | 4.799 | 4.836 | VV | 971 | 10950 | 0.20% | 0.056% |
| 12 | 4.853 | 4.836 | 4.876 | VV | 1674 | 18257 | 0.34% | 0.094% |
| 13 | 4.884 | 4.876 | 4.908 | VV | 156 | 1862 | 0.03% | 0.010% |
| 14 | 4.931 | 4.921 | 4.947 | VV | 196 | 1828 | 0.03% | 0.009% |
| 15 | 4.982 | 4.947 | 5.008 | VV | 562 | 8684 | 0.16% | 0.045% |
| 16 | 5.041 | 5.031 | 5.054 | VV | 178 | 1769 | 0.03% | 0.009% |
| 17 | 5.069 | 5.054 | 5.083 | VV | 285 | 3347 | 0.06% | 0.017% |
| 18 | 5.090 | 5.083 | 5.107 | VV | 136 | 1355 | 0.03% | 0.007% |
| 19 | 5.123 | 5.107 | 5.133 | VV | 134 | 1269 | 0.02% | 0.007% |
| 20 | 5.143 | 5.133 | 5.156 | VV | 160 | 1016 | 0.02% | 0.005% |
| 21 | 5.190 | 5.156 | 5.217 | PV | 368 | 6556 | 0.12% | 0.034% |
| 22 | 5.246 | 5.217 | 5.253 | VV | 636 | 7391 | 0.14% | 0.038% |
| 23 | 5.272 | 5.253 | 5.312 | VV | 4813 | 59201 | 1.10% | 0.304% |
| 24 | 5.333 | 5.312 | 5.356 | VV | 1008 | 13508 | 0.25% | 0.069% |
| 25 | 5.359 | 5.356 | 5.365 | VV | 223 | 1291 | 0.02% | 0.007% |
| 26 | 5.389 | 5.365 | 5.427 | VV | 344 | 6830 | 0.13% | 0.035% |
| 27 | 5.451 | 5.442 | 5.467 | VV | 136 | 1632 | 0.03% | 0.008% |
| 28 | 5.479 | 5.467 | 5.497 | VV | 296 | 3056 | 0.06% | 0.016% |
| 29 | 5.516 | 5.497 | 5.559 | VV | 1081 | 18327 | 0.34% | 0.094% |
| 30 | 5.565 | 5.559 | 5.574 | VV | 301 | 2369 | 0.04% | 0.012% |
| 31 | 5.578 | 5.574 | 5.616 | VV | 296 | 5201 | 0.10% | 0.027% |
| 32 | 5.644 | 5.630 | 5.650 | VV | 150 | 1190 | 0.02% | 0.006% |
| 33 | 5.673 | 5.650 | 5.691 | VV | 320 | 3552 | 0.07% | 0.018% |
| 34 | 5.710 | 5.691 | 5.727 | VV | 604 | 8011 | 0.15% | 0.041% |
| 35 | 5.755 | 5.727 | 5.779 | VV | 1554 | 19812 | 0.37% | 0.102% |
| 36 | 5.816 | 5.779 | 5.833 | VV | 730 | 7032 | 0.13% | 0.036% |

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|---|---|---|---|---|---|---|---|---|
| 37 | 5.886 | 5.847 | 5.899 | VV | 264 | 4925 | 0.09% | 0.025% |
| 38 | 5.908 | 5.899 | 5.958 | VV | 348 | 5110 | 0.10% | 0.026% |
| 39 | 5.975 | 5.958 | 5.991 | VV | 246 | 2797 | 0.05% | 0.014% |
| 40 | 6.021 | 5.991 | 6.045 | VV | 349 | 6829 | 0.13% | 0.035% |
| 41 | 6.059 | 6.045 | 6.066 | VV | 247 | 2316 | 0.04% | 0.012% |
| 42 | 6.080 | 6.066 | 6.121 | VV | 357 | 6735 | 0.13% | 0.035% |
| 43 | 6.144 | 6.135 | 6.168 | VV | 170 | 2115 | 0.04% | 0.011% |
| 44 | 6.197 | 6.168 | 6.230 | PV | 667 | 11726 | 0.22% | 0.060% |
| 45 | 6.245 | 6.230 | 6.264 | VV | 395 | 5068 | 0.09% | 0.026% |
| 46 | 6.294 | 6.264 | 6.327 | VV | 917 | 22503 | 0.42% | 0.115% |
| 47 | 6.345 | 6.327 | 6.369 | VV | 847 | 12050 | 0.22% | 0.062% |
| 48 | 6.390 | 6.369 | 6.422 | VV | 1475 | 20666 | 0.39% | 0.106% |
| 49 | 6.455 | 6.422 | 6.483 | VV | 1243 | 20596 | 0.38% | 0.106% |
| 50 | 6.492 | 6.483 | 6.497 | VV | 170 | 1308 | 0.02% | 0.007% |
| 51 | 6.528 | 6.497 | 6.578 | VV | 571 | 16166 | 0.30% | 0.083% |
| 52 | 6.586 | 6.578 | 6.619 | VV | 297 | 5126 | 0.10% | 0.026% |
| 53 | 6.635 | 6.619 | 6.644 | VV | 249 | 2613 | 0.05% | 0.013% |
| 54 | 6.672 | 6.644 | 6.690 | VV | 224 | 4388 | 0.08% | 0.023% |
| 55 | 6.706 | 6.699 | 6.718 | VV | 180 | 1328 | 0.02% | 0.007% |
| 56 | 6.745 | 6.718 | 6.771 | VV | 2244 | 26289 | 0.49% | 0.135% |
| 57 | 6.776 | 6.771 | 6.780 | VV | 257 | 1125 | 0.02% | 0.006% |
| 58 | 6.786 | 6.780 | 6.808 | VV | 296 | 3403 | 0.06% | 0.017% |
| 59 | 6.831 | 6.808 | 6.852 | VV | 942 | 11821 | 0.22% | 0.061% |
| 60 | 6.868 | 6.852 | 6.882 | VV | 640 | 6760 | 0.13% | 0.035% |
| 61 | 6.899 | 6.882 | 6.922 | VV | 1503 | 17906 | 0.33% | 0.092% |
| 62 | 6.934 | 6.922 | 6.956 | VV | 507 | 6144 | 0.11% | 0.032% |
| 63 | 6.974 | 6.956 | 7.005 | VV | 920 | 10198 | 0.19% | 0.052% |
| 64 | 7.031 | 7.005 | 7.054 | VV | 296 | 4201 | 0.08% | 0.022% |
| 65 | 7.089 | 7.075 | 7.112 | VV | 243 | 2613 | 0.05% | 0.013% |
| 66 | 7.125 | 7.112 | 7.137 | VV | 190 | 1997 | 0.04% | 0.010% |
| 67 | 7.153 | 7.137 | 7.176 | VV | 308 | 3591 | 0.07% | 0.018% |
| 68 | 7.201 | 7.176 | 7.237 | PV | 954 | 13223 | 0.25% | 0.068% |
| 69 | 7.258 | 7.237 | 7.271 | VV | 1275 | 15687 | 0.29% | 0.081% |
| 70 | 7.277 | 7.271 | 7.292 | VV | 787 | 8152 | 0.15% | 0.042% |
| 71 | 7.322 | 7.292 | 7.349 | VV | 1008 | 22947 | 0.43% | 0.118% |
| 72 | 7.386 | 7.349 | 7.411 | VV | 1701 | 29621 | 0.55% | 0.152% |
| 73 | 7.426 | 7.411 | 7.451 | VV | 584 | 6995 | 0.13% | 0.036% |
| 74 | 7.468 | 7.451 | 7.474 | VV | 247 | 2371 | 0.04% | 0.012% |
| 75 | 7.494 | 7.474 | 7.516 | VV | 472 | 6969 | 0.13% | 0.036% |
| 76 | 7.552 | 7.524 | 7.585 | VV | 4166 | 46999 | 0.88% | 0.241% |
| 77 | 7.614 | 7.585 | 7.622 | PV | 423 | 4849 | 0.09% | 0.025% |
| 78 | 7.630 | 7.622 | 7.645 | VV | 472 | 3956 | 0.07% | 0.020% |
| 79 | 7.662 | 7.645 | 7.674 | VV | 616 | 7239 | 0.13% | 0.037% |
| 80 | 7.694 | 7.674 | 7.720 | VV | 754 | 11735 | 0.22% | 0.060% |
| 81 | 7.733 | 7.720 | 7.744 | VV | 277 | 2797 | 0.05% | 0.014% |
| 82 | 7.763 | 7.744 | 7.775 | VV | 606 | 7836 | 0.15% | 0.040% |
| 83 | 7.789 | 7.775 | 7.832 | VV | 701 | 8524 | 0.16% | 0.044% |
| 84 | 7.861 | 7.832 | 7.882 | VV | 241 | 3768 | 0.07% | 0.019% |
| 85 | 7.916 | 7.882 | 7.920 | PV | 175 | 2369 | 0.04% | 0.012% |
| 86 | 7.926 | 7.920 | 7.944 | VV | 237 | 1829 | 0.03% | 0.009% |
| 87 | 7.962 | 7.944 | 7.978 | VV | 1486 | 15381 | 0.29% | 0.079% |
| 88 | 8.010 | 7.978 | 8.106 | VV | 519892 | 5364508 | 100.00% | 27.531% |
| 89 | 8.113 | 8.106 | 8.215 | VV | 2605 | 112330 | 2.09% | 0.576% |

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|---|---|---|---|---|---|---|---|---|
| 90 | 8.223 | 8.215 | 8.252 | VV | 1170 | 21433 | 0.40% | 0.110% |
| 91 | 8.270 | 8.252 | 8.298 | VV | 1274 | 25583 | 0.48% | 0.131% |
| 92 | 8.306 | 8.298 | 8.315 | VV | 822 | 8080 | 0.15% | 0.041% |
| 93 | 8.328 | 8.315 | 8.349 | VV | 1039 | 16191 | 0.30% | 0.083% |
| 94 | 8.364 | 8.349 | 8.385 | VV | 739 | 13890 | 0.26% | 0.071% |
| 95 | 8.391 | 8.385 | 8.396 | VV | 585 | 4060 | 0.08% | 0.021% |
| 96 | 8.408 | 8.396 | 8.427 | VV | 602 | 9506 | 0.18% | 0.049% |
| 97 | 8.481 | 8.427 | 8.503 | VV | 851 | 24260 | 0.45% | 0.125% |
| 98 | 8.509 | 8.503 | 8.514 | VV | 519 | 3379 | 0.06% | 0.017% |
| 99 | 8.519 | 8.514 | 8.535 | VV | 499 | 5978 | 0.11% | 0.031% |
| 100 | 8.551 | 8.535 | 8.560 | VV | 596 | 7534 | 0.14% | 0.039% |
| 101 | 8.578 | 8.560 | 8.602 | VV | 2233 | 31482 | 0.59% | 0.162% |
| 102 | 8.607 | 8.602 | 8.623 | VV | 632 | 7195 | 0.13% | 0.037% |
| 103 | 8.627 | 8.623 | 8.655 | VV | 448 | 7239 | 0.13% | 0.037% |
| 104 | 8.677 | 8.655 | 8.715 | VV | 842 | 23634 | 0.44% | 0.121% |
| 105 | 8.731 | 8.715 | 8.754 | VV | 737 | 12456 | 0.23% | 0.064% |
| 106 | 8.772 | 8.754 | 8.794 | VV | 705 | 12135 | 0.23% | 0.062% |
| 107 | 8.813 | 8.794 | 8.843 | VV | 1063 | 15051 | 0.28% | 0.077% |
| 108 | 8.885 | 8.843 | 9.027 | VV | 303535 | 3622754 | 67.53% | 18.592% |
| 109 | 9.040 | 9.027 | 9.058 | VV | 2681 | 47319 | 0.88% | 0.243% |
| 110 | 9.064 | 9.058 | 9.082 | VV | 2108 | 28857 | 0.54% | 0.148% |
| 111 | 9.091 | 9.082 | 9.105 | VV | 1911 | 24968 | 0.47% | 0.128% |
| 112 | 9.125 | 9.105 | 9.164 | VV | 2150 | 60058 | 1.12% | 0.308% |
| 113 | 9.183 | 9.164 | 9.216 | VV | 1354 | 30457 | 0.57% | 0.156% |
| 114 | 9.233 | 9.216 | 9.261 | VV | 1195 | 24508 | 0.46% | 0.126% |
| 115 | 9.265 | 9.261 | 9.267 | VV | 719 | 2783 | 0.05% | 0.014% |
| 116 | 9.307 | 9.267 | 9.332 | VV | 81759 | 853864 | 15.92% | 4.382% |
| 117 | 9.342 | 9.332 | 9.355 | VV | 2154 | 25782 | 0.48% | 0.132% |
| 118 | 9.362 | 9.355 | 9.376 | VV | 1507 | 16263 | 0.30% | 0.083% |
| 119 | 9.423 | 9.376 | 9.473 | VV | 4073 | 91967 | 1.71% | 0.472% |
| 120 | 9.494 | 9.473 | 9.524 | VV | 1110 | 20299 | 0.38% | 0.104% |
| 121 | 9.544 | 9.524 | 9.571 | VV | 794 | 13932 | 0.26% | 0.071% |
| 122 | 9.592 | 9.571 | 9.602 | VV | 536 | 7963 | 0.15% | 0.041% |
| 123 | 9.606 | 9.602 | 9.614 | VV | 528 | 3271 | 0.06% | 0.017% |
| 124 | 9.625 | 9.614 | 9.670 | VV | 719 | 15692 | 0.29% | 0.081% |
| 125 | 9.691 | 9.670 | 9.700 | VV | 728 | 9551 | 0.18% | 0.049% |
| 126 | 9.709 | 9.700 | 9.731 | VV | 786 | 10136 | 0.19% | 0.052% |
| 127 | 9.738 | 9.731 | 9.751 | VV | 324 | 3099 | 0.06% | 0.016% |
| 128 | 9.773 | 9.751 | 9.816 | VV | 1565 | 24876 | 0.46% | 0.128% |
| 129 | 9.855 | 9.816 | 9.889 | VV | 386 | 11017 | 0.21% | 0.057% |
| 130 | 9.912 | 9.889 | 9.944 | VV | 617 | 8297 | 0.15% | 0.043% |
| 131 | 9.969 | 9.944 | 9.999 | VV | 345 | 6638 | 0.12% | 0.034% |
| 132 | 10.022 | 9.999 | 10.046 | VV | 1177 | 15032 | 0.28% | 0.077% |
| 133 | 10.067 | 10.046 | 10.097 | VV | 2664 | 51685 | 0.96% | 0.265% |
| 134 | 10.106 | 10.097 | 10.168 | VV | 1553 | 37751 | 0.70% | 0.194% |
| 135 | 10.188 | 10.168 | 10.229 | VV | 1637 | 26649 | 0.50% | 0.137% |
| 136 | 10.235 | 10.229 | 10.241 | VV | 294 | 1885 | 0.04% | 0.010% |
| 137 | 10.262 | 10.241 | 10.321 | VV | 675 | 21553 | 0.40% | 0.111% |
| 138 | 10.336 | 10.321 | 10.347 | VV | 438 | 5120 | 0.10% | 0.026% |
| 139 | 10.358 | 10.347 | 10.405 | VV | 410 | 6171 | 0.12% | 0.032% |
| 140 | 10.430 | 10.405 | 10.450 | VV | 208 | 3157 | 0.06% | 0.016% |
| 141 | 10.466 | 10.450 | 10.483 | VV | 371 | 5063 | 0.09% | 0.026% |

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|---|---|---|---|---|---|---|---|---|
| 142 | 10.509 | 10.483 | 10.532 | VV | 743 | 13781 | 0.26% | 0.071% |
| 143 | 10.537 | 10.532 | 10.547 | VV | 371 | 2786 | 0.05% | 0.014% |
| 144 | 10.584 | 10.547 | 10.602 | VV | 797 | 15845 | 0.30% | 0.081% |
| 145 | 10.619 | 10.602 | 10.642 | VV | 732 | 11844 | 0.22% | 0.061% |
| 146 | 10.669 | 10.642 | 10.688 | VV | 536 | 10597 | 0.20% | 0.054% |
| 147 | 10.707 | 10.688 | 10.732 | VV | 484 | 9632 | 0.18% | 0.049% |
| 148 | 10.739 | 10.732 | 10.751 | VV | 346 | 3236 | 0.06% | 0.017% |
| 149 | 10.752 | 10.751 | 10.759 | VV | 335 | 1229 | 0.02% | 0.006% |
| 150 | 10.792 | 10.759 | 10.809 | VV | 880 | 15326 | 0.29% | 0.079% |
| 151 | 10.824 | 10.809 | 10.843 | VV | 732 | 12744 | 0.24% | 0.065% |
| 152 | 10.865 | 10.843 | 10.891 | VV | 883 | 19209 | 0.36% | 0.099% |
| 153 | 10.929 | 10.891 | 10.967 | VV | 862 | 27902 | 0.52% | 0.143% |
| 154 | 10.984 | 10.967 | 11.007 | VV | 843 | 14071 | 0.26% | 0.072% |
| 155 | 11.024 | 11.007 | 11.028 | VV | 622 | 7384 | 0.14% | 0.038% |
| 156 | 11.058 | 11.028 | 11.117 | VV | 2515 | 50870 | 0.95% | 0.261% |
| 157 | 11.126 | 11.117 | 11.134 | VV | 434 | 3690 | 0.07% | 0.019% |
| 158 | 11.138 | 11.134 | 11.141 | VV | 464 | 1752 | 0.03% | 0.009% |
| 159 | 11.148 | 11.141 | 11.192 | VV | 485 | 10006 | 0.19% | 0.051% |
| 160 | 11.217 | 11.192 | 11.229 | VV | 484 | 8442 | 0.16% | 0.043% |
| 161 | 11.247 | 11.229 | 11.286 | VV | 599 | 13953 | 0.26% | 0.072% |
| 162 | 11.300 | 11.286 | 11.313 | VV | 488 | 6649 | 0.12% | 0.034% |
| 163 | 11.355 | 11.313 | 11.375 | VV | 1193 | 24186 | 0.45% | 0.124% |
| 164 | 11.384 | 11.375 | 11.406 | VV | 421 | 5351 | 0.10% | 0.027% |
| 165 | 11.433 | 11.406 | 11.451 | VV | 309 | 5797 | 0.11% | 0.030% |
| 166 | 11.472 | 11.451 | 11.481 | VV | 227 | 2784 | 0.05% | 0.014% |
| 167 | 11.489 | 11.481 | 11.525 | VV | 152 | 2279 | 0.04% | 0.012% |
| 168 | 11.566 | 11.525 | 11.604 | VV | 957 | 15927 | 0.30% | 0.082% |
| 169 | 11.634 | 11.604 | 11.665 | VV | 1520 | 21602 | 0.40% | 0.111% |
| 170 | 11.685 | 11.665 | 11.696 | VV | 365 | 5235 | 0.10% | 0.027% |
| 171 | 11.707 | 11.696 | 11.744 | VV | 531 | 10639 | 0.20% | 0.055% |
| 172 | 11.750 | 11.744 | 11.777 | VV | 206 | 2252 | 0.04% | 0.012% |
| 173 | 11.791 | 11.777 | 11.806 | VV | 227 | 2070 | 0.04% | 0.011% |
| 174 | 11.824 | 11.806 | 11.839 | PV | 209 | 2467 | 0.05% | 0.013% |
| 175 | 11.848 | 11.839 | 11.853 | VV | 224 | 1437 | 0.03% | 0.007% |
| 176 | 11.864 | 11.853 | 11.878 | VV | 263 | 2600 | 0.05% | 0.013% |
| 177 | 11.882 | 11.878 | 11.903 | VV | 181 | 1231 | 0.02% | 0.006% |
| 178 | 11.953 | 11.903 | 12.011 | PV | 396464 | 4364737 | 81.36% | 22.400% |
| 179 | 12.025 | 12.011 | 12.087 | VV | 1391 | 36358 | 0.68% | 0.187% |
| 180 | 12.116 | 12.087 | 12.141 | VV | 991 | 21255 | 0.40% | 0.109% |
| 181 | 12.155 | 12.141 | 12.176 | VV | 391 | 7202 | 0.13% | 0.037% |
| 182 | 12.191 | 12.176 | 12.194 | VV | 371 | 3357 | 0.06% | 0.017% |
| 183 | 12.211 | 12.194 | 12.220 | VV | 471 | 6112 | 0.11% | 0.031% |
| 184 | 12.229 | 12.220 | 12.245 | VV | 544 | 7061 | 0.13% | 0.036% |
| 185 | 12.298 | 12.245 | 12.321 | VV | 1456 | 41371 | 0.77% | 0.212% |
| 186 | 12.359 | 12.321 | 12.385 | VV | 4758 | 72602 | 1.35% | 0.373% |
| 187 | 12.399 | 12.385 | 12.423 | VV | 1210 | 19841 | 0.37% | 0.102% |
| 188 | 12.442 | 12.423 | 12.451 | VV | 815 | 10929 | 0.20% | 0.056% |
| 189 | 12.456 | 12.451 | 12.461 | VV | 728 | 4139 | 0.08% | 0.021% |
| 190 | 12.465 | 12.461 | 12.485 | VV | 736 | 7623 | 0.14% | 0.039% |
| 191 | 12.525 | 12.485 | 12.556 | VV | 1903 | 42458 | 0.79% | 0.218% |
| 192 | 12.586 | 12.556 | 12.626 | VV | 732 | 22303 | 0.42% | 0.114% |
| 193 | 12.629 | 12.626 | 12.638 | VV | 411 | 2697 | 0.05% | 0.014% |
| 194 | 12.662 | 12.638 | 12.677 | VV | 582 | 10254 | 0.19% | 0.053% |

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|---|---|---|---|---|---|---|---|---|
| 195 | 12.684 | 12.677 | 12.695 | VV | 546 | 5411 | 0.10% | 0.028% |
| 196 | 12.720 | 12.695 | 12.756 | VV | 675 | 20289 | 0.38% | 0.104% |
| 197 | 12.808 | 12.756 | 12.854 | VV | 13416 | 191342 | 3.57% | 0.982% |
| 198 | 12.883 | 12.854 | 12.919 | VV | 2105 | 35973 | 0.67% | 0.185% |
| 199 | 12.947 | 12.919 | 12.969 | VV | 1928 | 26669 | 0.50% | 0.137% |
| 200 | 13.016 | 12.969 | 13.055 | VV | 2692 | 57673 | 1.08% | 0.296% |
| 201 | 13.070 | 13.055 | 13.131 | VV | 339 | 7640 | 0.14% | 0.039% |
| 202 | 13.143 | 13.131 | 13.147 | VV | 200 | 1033 | 0.02% | 0.005% |
| 203 | 13.152 | 13.147 | 13.177 | VV | 146 | 1817 | 0.03% | 0.009% |
| 204 | 13.234 | 13.177 | 13.256 | VV | 516 | 15018 | 0.28% | 0.077% |
| 205 | 13.266 | 13.256 | 13.291 | VV | 377 | 4651 | 0.09% | 0.024% |
| 206 | 13.313 | 13.291 | 13.342 | VV | 1137 | 22871 | 0.43% | 0.117% |
| 207 | 13.346 | 13.342 | 13.358 | VV | 686 | 6002 | 0.11% | 0.031% |
| 208 | 13.393 | 13.358 | 13.507 | VV | 77152 | 1037560 | 19.34% | 5.325% |
| 209 | 13.518 | 13.507 | 13.526 | VV | 746 | 7464 | 0.14% | 0.038% |
| 210 | 13.529 | 13.526 | 13.541 | VV | 708 | 5951 | 0.11% | 0.031% |
| 211 | 13.561 | 13.541 | 13.575 | VV | 1098 | 17669 | 0.33% | 0.091% |
| 212 | 13.579 | 13.575 | 13.589 | VV | 821 | 6692 | 0.12% | 0.034% |
| 213 | 13.617 | 13.589 | 13.661 | VV | 3255 | 65200 | 1.22% | 0.335% |
| 214 | 13.676 | 13.661 | 13.741 | VV | 788 | 26195 | 0.49% | 0.134% |
| 215 | 13.765 | 13.741 | 13.796 | VV | 989 | 24614 | 0.46% | 0.126% |
| 216 | 13.834 | 13.796 | 13.847 | VV | 1074 | 25363 | 0.47% | 0.130% |
| 217 | 13.852 | 13.847 | 13.881 | VV | 1088 | 13810 | 0.26% | 0.071% |
| 218 | 13.899 | 13.881 | 13.939 | VV | 574 | 15984 | 0.30% | 0.082% |
| 219 | 13.945 | 13.939 | 13.964 | VV | 508 | 6297 | 0.12% | 0.032% |
| 220 | 14.018 | 13.964 | 14.046 | VV | 751 | 24121 | 0.45% | 0.124% |
| 221 | 14.098 | 14.046 | 14.122 | VV | 1434 | 33308 | 0.62% | 0.171% |
| 222 | 14.150 | 14.122 | 14.177 | VV | 1486 | 24802 | 0.46% | 0.127% |
| 223 | 14.182 | 14.177 | 14.227 | VV | 449 | 8708 | 0.16% | 0.045% |
| 224 | 14.234 | 14.227 | 14.259 | VV | 230 | 3962 | 0.07% | 0.020% |
| 225 | 14.270 | 14.259 | 14.300 | VV | 272 | 4191 | 0.08% | 0.022% |
| 226 | 14.377 | 14.335 | 14.404 | VV | 354 | 9043 | 0.17% | 0.046% |
| 227 | 14.420 | 14.404 | 14.436 | VV | 281 | 4258 | 0.08% | 0.022% |
| 228 | 14.446 | 14.436 | 14.463 | VV | 270 | 3563 | 0.07% | 0.018% |
| 229 | 14.487 | 14.463 | 14.506 | VV | 419 | 7767 | 0.14% | 0.040% |
| 230 | 14.515 | 14.506 | 14.523 | VV | 247 | 2117 | 0.04% | 0.011% |
| 231 | 14.537 | 14.523 | 14.554 | VV | 257 | 3954 | 0.07% | 0.020% |
| 232 | 14.589 | 14.554 | 14.629 | VV | 1401 | 32459 | 0.61% | 0.167% |
| 233 | 14.634 | 14.629 | 14.664 | VV | 562 | 10380 | 0.19% | 0.053% |
| 234 | 14.671 | 14.664 | 14.692 | VV | 470 | 7062 | 0.13% | 0.036% |
| 235 | 14.714 | 14.692 | 14.735 | VV | 662 | 11664 | 0.22% | 0.060% |
| 236 | 14.740 | 14.735 | 14.749 | VV | 339 | 2653 | 0.05% | 0.014% |
| 237 | 14.769 | 14.749 | 14.790 | VV | 445 | 9147 | 0.17% | 0.047% |
| 238 | 14.801 | 14.790 | 14.804 | VV | 558 | 4329 | 0.08% | 0.022% |
| 239 | 14.860 | 14.804 | 14.895 | VV | 809 | 33839 | 0.63% | 0.174% |
| 240 | 14.922 | 14.895 | 14.949 | VV | 980 | 20027 | 0.37% | 0.103% |
| 241 | 14.970 | 14.949 | 14.994 | VV | 534 | 11094 | 0.21% | 0.057% |
| 242 | 15.031 | 14.994 | 15.050 | VV | 755 | 19606 | 0.37% | 0.101% |
| 243 | 15.061 | 15.050 | 15.090 | VV | 782 | 12679 | 0.24% | 0.065% |
| 244 | 15.093 | 15.090 | 15.142 | VV | 336 | 8515 | 0.16% | 0.044% |
| 245 | 15.172 | 15.142 | 15.187 | VV | 606 | 10798 | 0.20% | 0.055% |
| 246 | 15.213 | 15.187 | 15.224 | VV | 1236 | 18323 | 0.34% | 0.094% |

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|---|---|---|---|---|---|---|---|---|
| 247 | 15.256 | 15.224 | 15.292 | VV | 1702 | 44850 | 0.84% | 0.230% |
| 248 | 15.314 | 15.292 | 15.357 | VV | 1097 | 23349 | 0.44% | 0.120% |
| 249 | 15.382 | 15.357 | 15.400 | VV | 467 | 8080 | 0.15% | 0.041% |
| 250 | 15.425 | 15.400 | 15.469 | VV | 1919 | 34534 | 0.64% | 0.177% |
| 251 | 15.478 | 15.469 | 15.496 | VV | 594 | 3844 | 0.07% | 0.020% |
| 252 | 15.500 | 15.496 | 15.514 | VV | 212 | 1319 | 0.02% | 0.007% |
| 253 | 15.529 | 15.514 | 15.544 | VV | 192 | 2006 | 0.04% | 0.010% |
| 254 | 15.571 | 15.544 | 15.594 | VV | 250 | 4483 | 0.08% | 0.023% |
| 255 | 15.623 | 15.594 | 15.656 | VV | 366 | 7077 | 0.13% | 0.036% |
| 256 | 15.687 | 15.656 | 15.715 | VV | 322 | 7302 | 0.14% | 0.037% |
| 257 | 15.750 | 15.715 | 15.755 | VV | 360 | 6178 | 0.12% | 0.032% |
| 258 | 15.795 | 15.755 | 15.828 | VV | 5705 | 85131 | 1.59% | 0.437% |
| 259 | 15.835 | 15.828 | 15.870 | VV | 374 | 6077 | 0.11% | 0.031% |
| 260 | 15.899 | 15.870 | 15.932 | VV | 779 | 17830 | 0.33% | 0.092% |
| 261 | 15.940 | 15.932 | 15.960 | VV | 440 | 6627 | 0.12% | 0.034% |
| 262 | 15.989 | 15.960 | 16.041 | VV | 840 | 21769 | 0.41% | 0.112% |
| 263 | 16.045 | 16.041 | 16.057 | VV | 383 | 3081 | 0.06% | 0.016% |
| 264 | 16.063 | 16.057 | 16.069 | VV | 377 | 2593 | 0.05% | 0.013% |
| 265 | 16.073 | 16.069 | 16.076 | VV | 491 | 1744 | 0.03% | 0.009% |
| 266 | 16.094 | 16.076 | 16.101 | VV | 550 | 7156 | 0.13% | 0.037% |
| 267 | 16.134 | 16.101 | 16.157 | VV | 880 | 20401 | 0.38% | 0.105% |
| 268 | 16.172 | 16.157 | 16.204 | VV | 392 | 6871 | 0.13% | 0.035% |
| 269 | 16.209 | 16.204 | 16.216 | VV | 191 | 1166 | 0.02% | 0.006% |
| 270 | 16.239 | 16.216 | 16.260 | VV | 981 | 15583 | 0.29% | 0.080% |
| 271 | 16.281 | 16.260 | 16.313 | VV | 1224 | 22431 | 0.42% | 0.115% |
| 272 | 16.332 | 16.313 | 16.404 | VV | 628 | 17841 | 0.33% | 0.092% |
| 273 | 16.412 | 16.404 | 16.424 | VV | 126 | 1348 | 0.03% | 0.007% |
| 274 | 16.428 | 16.424 | 16.441 | VV | 170 | 1130 | 0.02% | 0.006% |
| 275 | 16.457 | 16.441 | 16.482 | VV | 243 | 4440 | 0.08% | 0.023% |
| 276 | 16.492 | 16.482 | 16.513 | VV | 235 | 2481 | 0.05% | 0.013% |
| 277 | 16.519 | 16.513 | 16.551 | PV | 191 | 2712 | 0.05% | 0.014% |
| 278 | 16.564 | 16.551 | 16.569 | VV | 174 | 1434 | 0.03% | 0.007% |
| 279 | 16.582 | 16.569 | 16.606 | VV | 216 | 3466 | 0.06% | 0.018% |
| 280 | 16.664 | 16.606 | 16.673 | VV | 252 | 6671 | 0.12% | 0.034% |
| 281 | 16.677 | 16.673 | 16.686 | VV | 204 | 1282 | 0.02% | 0.007% |
| 282 | 16.720 | 16.686 | 16.743 | VV | 303 | 7268 | 0.14% | 0.037% |
| 283 | 16.768 | 16.743 | 16.801 | VV | 1068 | 23655 | 0.44% | 0.121% |
| 284 | 16.807 | 16.801 | 16.822 | VV | 670 | 8015 | 0.15% | 0.041% |
| 285 | 16.846 | 16.822 | 16.875 | VV | 1309 | 25882 | 0.48% | 0.133% |
| 286 | 16.881 | 16.875 | 16.888 | VV | 429 | 3213 | 0.06% | 0.016% |
| 287 | 16.898 | 16.888 | 16.902 | VV | 476 | 3454 | 0.06% | 0.018% |
| 288 | 16.920 | 16.902 | 16.934 | VV | 604 | 10413 | 0.19% | 0.053% |
| 289 | 16.940 | 16.934 | 16.949 | VV | 544 | 4455 | 0.08% | 0.023% |
| 290 | 16.957 | 16.949 | 16.967 | VV | 578 | 5519 | 0.10% | 0.028% |
| 291 | 16.971 | 16.967 | 16.979 | VV | 536 | 3287 | 0.06% | 0.017% |
| 292 | 16.982 | 16.979 | 17.006 | VV | 467 | 6865 | 0.13% | 0.035% |
| 293 | 17.009 | 17.006 | 17.017 | VV | 456 | 2453 | 0.05% | 0.013% |
| 294 | 17.024 | 17.017 | 17.032 | VV | 433 | 3373 | 0.06% | 0.017% |
| 295 | 17.038 | 17.032 | 17.044 | VV | 380 | 2455 | 0.05% | 0.013% |
| 296 | 17.053 | 17.044 | 17.065 | VV | 440 | 4662 | 0.09% | 0.024% |
| 297 | 17.090 | 17.065 | 17.111 | VV | 578 | 12741 | 0.24% | 0.065% |
| 298 | 17.119 | 17.111 | 17.126 | VV | 598 | 4904 | 0.09% | 0.025% |
| 299 | 17.130 | 17.126 | 17.141 | VV | 612 | 4308 | 0.08% | 0.022% |

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|---|---|---|---|---|---|---|---|---|
| 300 | 17.165 | 17.141 | 17.179 | VV | 682 | 12954 | 0.24% | 0.066% |
| 301 | 17.209 | 17.179 | 17.214 | VV | 973 | 14768 | 0.28% | 0.076% |
| 302 | 17.232 | 17.214 | 17.266 | VV | 1179 | 24372 | 0.45% | 0.125% |
| 303 | 17.281 | 17.266 | 17.296 | VV | 625 | 9563 | 0.18% | 0.049% |
| 304 | 17.312 | 17.296 | 17.332 | VV | 695 | 10990 | 0.20% | 0.056% |
| 305 | 17.335 | 17.332 | 17.346 | VV | 384 | 2610 | 0.05% | 0.013% |
| 306 | 17.349 | 17.346 | 17.366 | VV | 338 | 3032 | 0.06% | 0.016% |
| 307 | 17.387 | 17.373 | 17.402 | VV | 218 | 3149 | 0.06% | 0.016% |
| 308 | 17.423 | 17.414 | 17.448 | VV | 189 | 2276 | 0.04% | 0.012% |
| 309 | 17.472 | 17.461 | 17.492 | PV | 197 | 1601 | 0.03% | 0.008% |
| 310 | 17.514 | 17.501 | 17.522 | VV | 168 | 1551 | 0.03% | 0.008% |
| 311 | 17.565 | 17.522 | 17.594 | VV | 408 | 9330 | 0.17% | 0.048% |
| 312 | 17.614 | 17.594 | 17.619 | VV | 139 | 1679 | 0.03% | 0.009% |
| 313 | 17.646 | 17.633 | 17.652 | VV | 232 | 1981 | 0.04% | 0.010% |
| 314 | 17.687 | 17.652 | 17.722 | VV | 981 | 19704 | 0.37% | 0.101% |
| 315 | 17.729 | 17.722 | 17.739 | VV | 160 | 1110 | 0.02% | 0.006% |
| 316 | 17.747 | 17.739 | 17.759 | VV | 142 | 1380 | 0.03% | 0.007% |
| 317 | 17.782 | 17.759 | 17.819 | VV | 381 | 9810 | 0.18% | 0.050% |
| 318 | 17.836 | 17.824 | 17.849 | VV | 203 | 2451 | 0.05% | 0.013% |
| 319 | 17.855 | 17.849 | 17.865 | VV | 224 | 1745 | 0.03% | 0.009% |
| 320 | 17.898 | 17.865 | 17.910 | VV | 195 | 4245 | 0.08% | 0.022% |
| 321 | 17.943 | 17.910 | 17.959 | VV | 293 | 5641 | 0.11% | 0.029% |
| 322 | 17.964 | 17.959 | 17.980 | VV | 186 | 1740 | 0.03% | 0.009% |
| 323 | 17.986 | 17.980 | 18.005 | VV | 103 | 1149 | 0.02% | 0.006% |
| 324 | 18.051 | 18.019 | 18.059 | VV | 249 | 4301 | 0.08% | 0.022% |
| 325 | 18.124 | 18.059 | 18.155 | VV | 1150 | 28657 | 0.53% | 0.147% |
| 326 | 18.167 | 18.155 | 18.172 | VV | 216 | 1679 | 0.03% | 0.009% |
| 327 | 18.216 | 18.172 | 18.261 | VV | 1099 | 24057 | 0.45% | 0.123% |
| 328 | 18.270 | 18.261 | 18.292 | VV | 325 | 4619 | 0.09% | 0.024% |
| 329 | 18.298 | 18.292 | 18.316 | VV | 211 | 2215 | 0.04% | 0.011% |
| 330 | 18.346 | 18.338 | 18.367 | VV | 138 | 1481 | 0.03% | 0.008% |
| 331 | 18.419 | 18.381 | 18.424 | PV | 199 | 3179 | 0.06% | 0.016% |
| 332 | 18.450 | 18.424 | 18.467 | VV | 325 | 4675 | 0.09% | 0.024% |
| 333 | 18.501 | 18.467 | 18.507 | VV | 308 | 3837 | 0.07% | 0.020% |
| 334 | 18.549 | 18.512 | 18.594 | VV | 1332 | 32308 | 0.60% | 0.166% |
| 335 | 18.601 | 18.594 | 18.619 | VV | 505 | 6043 | 0.11% | 0.031% |
| 336 | 18.641 | 18.619 | 18.665 | VV | 517 | 10211 | 0.19% | 0.052% |
| 337 | 18.677 | 18.665 | 18.705 | VV | 280 | 4614 | 0.09% | 0.024% |
| 338 | 18.792 | 18.731 | 18.851 | PBA | 466 | 15411 | 0.29% | 0.079% |

Sum of corrected areas: 19485451

Aromatic EPH 102925.M Tue Nov 18 01:15:54 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111725AL\
Data File : FG016930.D
Signal(s) : FID1A.ch
Acq On : 17 Nov 2025 18:31
Operator : YP\AJ
Sample : Q3586-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
FID_G
**ClientSampleId :**
SED-2

Integration File: autoint1.e
Quant Time: Nov 18 01:22:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 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 | | | |
| 12) S 1-chlorooctadecane (S... | 13.481 | 4466629 | 37.088 ug/ml |
| Spiked Amount 50.000 | | Recovery = 74.18% | |
| Target Compounds | | | |

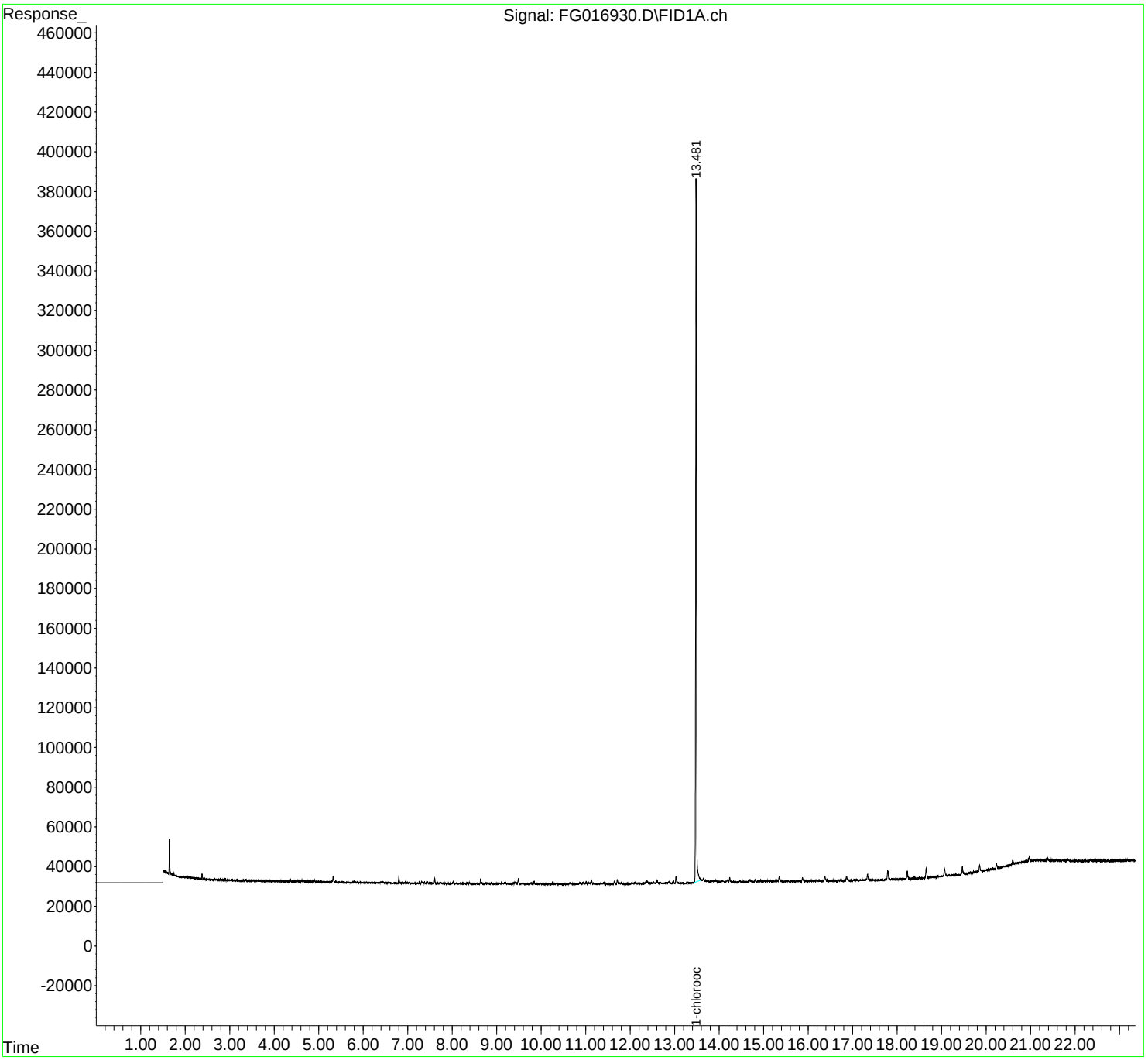
(f)=RT Delta > 1/2 Window (m)=manual int.

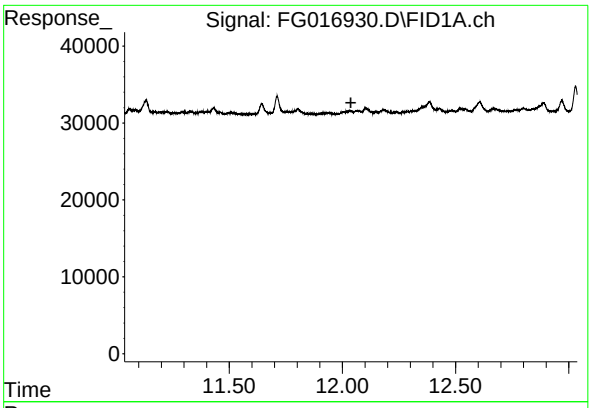
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111725AL\
Data File : FG016930.D
Signal(s) : FID1A.ch
Acq On : 17 Nov 2025 18:31
Operator : YP\AJ
Sample : Q3586-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
FID_G
**ClientSampleId :**
SED-2

Integration File: autoint1.e
Quant Time: Nov 18 01:22:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 2025
Response via : Initial Calibration
Integrator: ChemStation

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

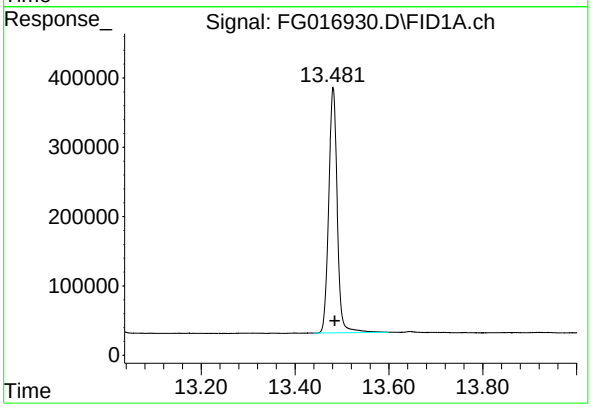





#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 12.038 min
Response: 0
Conc: N.D.

**Instrument :**
FID_G
**ClientSampleId :**
SED-2




#12 1-chlorooctadecane (SURR)

R.T.: 13.481 min
Delta R.T.: -0.004 min
Response: 4466629
Conc: 37.09 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111725AL\
Data File : FG016930.D
Signal(s) : FID1A.ch
Acq On : 17 Nov 2025 18:31
Sample : Q3586-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.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 | 3.241 | 3.222 | 3.288 | BV | 59 | 1156 | 0.03% | 0.010% |
| 2 | 3.290 | 3.288 | 3.330 | PV | 68 | 461 | 0.01% | 0.004% |
| 3 | 3.363 | 3.330 | 3.420 | VV | 297 | 4161 | 0.09% | 0.036% |
| 4 | 3.428 | 3.420 | 3.465 | VV | 57 | 1067 | 0.02% | 0.009% |
| 5 | 3.475 | 3.465 | 3.492 | VV | 84 | 769 | 0.02% | 0.007% |
| 6 | 3.509 | 3.492 | 3.518 | VV | 93 | 976 | 0.02% | 0.008% |
| 7 | 3.529 | 3.518 | 3.578 | VV | 86 | 1399 | 0.03% | 0.012% |
| 8 | 3.604 | 3.578 | 3.645 | VV | 101 | 2954 | 0.06% | 0.026% |
| 9 | 3.648 | 3.645 | 3.662 | VV | 103 | 760 | 0.02% | 0.007% |
| 10 | 3.685 | 3.662 | 3.703 | VV | 159 | 2365 | 0.05% | 0.020% |
| 11 | 3.716 | 3.703 | 3.731 | VV | 99 | 1187 | 0.03% | 0.010% |
| 12 | 3.754 | 3.731 | 3.788 | VV | 225 | 3176 | 0.07% | 0.027% |
| 13 | 3.814 | 3.788 | 3.837 | VV | 208 | 2549 | 0.06% | 0.022% |
| 14 | 3.849 | 3.837 | 3.934 | VV | 97 | 4260 | 0.09% | 0.037% |
| 15 | 3.953 | 3.934 | 4.034 | VV | 168 | 4806 | 0.10% | 0.042% |
| 16 | 4.058 | 4.034 | 4.068 | VV | 143 | 1987 | 0.04% | 0.017% |
| 17 | 4.078 | 4.068 | 4.124 | VV | 169 | 2215 | 0.05% | 0.019% |
| 18 | 4.136 | 4.124 | 4.142 | VV | 97 | 702 | 0.02% | 0.006% |
| 19 | 4.157 | 4.142 | 4.174 | VV | 317 | 3651 | 0.08% | 0.032% |
| 20 | 4.192 | 4.174 | 4.222 | VV | 567 | 7578 | 0.16% | 0.066% |
| 21 | 4.230 | 4.222 | 4.250 | VV | 111 | 1404 | 0.03% | 0.012% |
| 22 | 4.270 | 4.250 | 4.315 | VV | 248 | 4727 | 0.10% | 0.041% |
| 23 | 4.328 | 4.315 | 4.337 | VV | 168 | 1800 | 0.04% | 0.016% |
| 24 | 4.363 | 4.337 | 4.385 | VV | 561 | 8364 | 0.18% | 0.072% |
| 25 | 4.390 | 4.385 | 4.408 | VV | 172 | 1505 | 0.03% | 0.013% |
| 26 | 4.422 | 4.408 | 4.458 | VV | 133 | 3589 | 0.08% | 0.031% |
| 27 | 4.498 | 4.458 | 4.512 | VV | 186 | 4345 | 0.09% | 0.038% |
| 28 | 4.531 | 4.512 | 4.558 | VV | 384 | 6851 | 0.15% | 0.059% |
| 29 | 4.568 | 4.558 | 4.605 | VV | 229 | 4616 | 0.10% | 0.040% |
| 30 | 4.621 | 4.605 | 4.683 | VV | 900 | 16262 | 0.35% | 0.141% |
| 31 | 4.695 | 4.683 | 4.722 | VV | 193 | 3797 | 0.08% | 0.033% |
| 32 | 4.745 | 4.722 | 4.772 | VV | 434 | 8833 | 0.19% | 0.076% |
| 33 | 4.779 | 4.772 | 4.785 | VV | 199 | 1430 | 0.03% | 0.012% |
| 34 | 4.809 | 4.785 | 4.854 | VV | 830 | 14392 | 0.31% | 0.125% |
| 35 | 4.873 | 4.854 | 4.888 | VV | 709 | 8233 | 0.18% | 0.071% |
| 36 | 4.906 | 4.888 | 4.948 | VV | 1092 | 14688 | 0.32% | 0.127% |

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|---|---|---|---|---|---|---|---|---|
| 37 | 4.973 | 4.948 | 4.999 | VV | 223 | 5606 | 0.12% | 0.049% |
| 38 | 5.037 | 4.999 | 5.075 | VV | 400 | 9779 | 0.21% | 0.085% |
| 39 | 5.079 | 5.075 | 5.110 | VV | 224 | 3836 | 0.08% | 0.033% |
| 40 | 5.119 | 5.110 | 5.176 | VV | 229 | 5818 | 0.13% | 0.050% |
| 41 | 5.185 | 5.176 | 5.198 | VV | 137 | 1433 | 0.03% | 0.012% |
| 42 | 5.238 | 5.198 | 5.277 | VV | 291 | 7941 | 0.17% | 0.069% |
| 43 | 5.325 | 5.277 | 5.360 | VV | 2938 | 41838 | 0.91% | 0.362% |
| 44 | 5.387 | 5.360 | 5.419 | VV | 689 | 10927 | 0.24% | 0.095% |
| 45 | 5.443 | 5.419 | 5.485 | VV | 288 | 4989 | 0.11% | 0.043% |
| 46 | 5.534 | 5.485 | 5.558 | PV | 179 | 5507 | 0.12% | 0.048% |
| 47 | 5.571 | 5.558 | 5.603 | VV | 162 | 2818 | 0.06% | 0.024% |
| 48 | 5.613 | 5.603 | 5.629 | PV | 109 | 1301 | 0.03% | 0.011% |
| 49 | 5.645 | 5.629 | 5.698 | VV | 139 | 4391 | 0.10% | 0.038% |
| 50 | 5.729 | 5.698 | 5.748 | VV | 261 | 4194 | 0.09% | 0.036% |
| 51 | 5.766 | 5.748 | 5.792 | VV | 489 | 7605 | 0.17% | 0.066% |
| 52 | 5.807 | 5.792 | 5.852 | VV | 980 | 13161 | 0.29% | 0.114% |
| 53 | 5.869 | 5.852 | 5.905 | VV | 286 | 4942 | 0.11% | 0.043% |
| 54 | 5.955 | 5.905 | 6.015 | VV | 306 | 10080 | 0.22% | 0.087% |
| 55 | 6.025 | 6.015 | 6.046 | VV | 163 | 1618 | 0.04% | 0.014% |
| 56 | 6.074 | 6.046 | 6.112 | VV | 290 | 5089 | 0.11% | 0.044% |
| 57 | 6.134 | 6.112 | 6.166 | VV | 271 | 4068 | 0.09% | 0.035% |
| 58 | 6.201 | 6.166 | 6.227 | VV | 155 | 2471 | 0.05% | 0.021% |
| 59 | 6.247 | 6.227 | 6.268 | PV | 277 | 2847 | 0.06% | 0.025% |
| 60 | 6.298 | 6.268 | 6.324 | VV | 232 | 4043 | 0.09% | 0.035% |
| 61 | 6.360 | 6.324 | 6.382 | VV | 493 | 9149 | 0.20% | 0.079% |
| 62 | 6.399 | 6.382 | 6.425 | VV | 605 | 7967 | 0.17% | 0.069% |
| 63 | 6.445 | 6.425 | 6.487 | VV | 912 | 14108 | 0.31% | 0.122% |
| 64 | 6.508 | 6.487 | 6.545 | VV | 848 | 11492 | 0.25% | 0.099% |
| 65 | 6.577 | 6.545 | 6.612 | VV | 332 | 7930 | 0.17% | 0.069% |
| 66 | 6.622 | 6.612 | 6.660 | VV | 114 | 1936 | 0.04% | 0.017% |
| 67 | 6.687 | 6.660 | 6.705 | VV | 124 | 1528 | 0.03% | 0.013% |
| 68 | 6.712 | 6.705 | 6.722 | VV | 208 | 626 | 0.01% | 0.005% |
| 69 | 6.731 | 6.722 | 6.751 | VV | 81 | 805 | 0.02% | 0.007% |
| 70 | 6.762 | 6.751 | 6.768 | VV | 61 | 494 | 0.01% | 0.004% |
| 71 | 6.801 | 6.768 | 6.872 | VV | 3045 | 44651 | 0.97% | 0.386% |
| 72 | 6.886 | 6.872 | 6.908 | VV | 686 | 7961 | 0.17% | 0.069% |
| 73 | 6.924 | 6.908 | 6.937 | VV | 360 | 4399 | 0.10% | 0.038% |
| 74 | 6.955 | 6.937 | 6.977 | VV | 1052 | 12886 | 0.28% | 0.112% |
| 75 | 6.990 | 6.977 | 7.012 | VV | 402 | 5666 | 0.12% | 0.049% |
| 76 | 7.029 | 7.012 | 7.065 | VV | 620 | 8320 | 0.18% | 0.072% |
| 77 | 7.088 | 7.065 | 7.122 | VV | 188 | 3575 | 0.08% | 0.031% |
| 78 | 7.143 | 7.122 | 7.188 | VV | 229 | 4380 | 0.10% | 0.038% |
| 79 | 7.215 | 7.188 | 7.237 | VV | 187 | 2898 | 0.06% | 0.025% |
| 80 | 7.258 | 7.237 | 7.292 | PV | 618 | 8201 | 0.18% | 0.071% |
| 81 | 7.314 | 7.292 | 7.330 | VV | 773 | 11462 | 0.25% | 0.099% |
| 82 | 7.338 | 7.330 | 7.352 | VV | 679 | 6273 | 0.14% | 0.054% |
| 83 | 7.376 | 7.352 | 7.407 | VV | 651 | 14094 | 0.31% | 0.122% |
| 84 | 7.442 | 7.407 | 7.466 | VV | 988 | 18837 | 0.41% | 0.163% |
| 85 | 7.483 | 7.466 | 7.507 | VV | 413 | 5245 | 0.11% | 0.045% |
| 86 | 7.523 | 7.507 | 7.534 | VV | 174 | 2088 | 0.05% | 0.018% |
| 87 | 7.551 | 7.534 | 7.580 | VV | 303 | 5031 | 0.11% | 0.044% |
| 88 | 7.608 | 7.580 | 7.648 | VV | 2663 | 32145 | 0.70% | 0.278% |
| 89 | 7.685 | 7.648 | 7.705 | VV | 348 | 8087 | 0.18% | 0.070% |

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|---|---|---|---|---|---|---|---|---|
| 90 | 7.718 | 7.705 | 7.730 | VV | 423 | 4394 | 0.10% | 0.038% |
| 91 | 7.752 | 7.730 | 7.799 | VV | 568 | 12808 | 0.28% | 0.111% |
| 92 | 7.818 | 7.799 | 7.832 | VV | 427 | 5898 | 0.13% | 0.051% |
| 93 | 7.845 | 7.832 | 7.878 | VV | 445 | 5724 | 0.12% | 0.050% |
| 94 | 7.915 | 7.878 | 7.955 | VV | 188 | 5052 | 0.11% | 0.044% |
| 95 | 7.965 | 7.955 | 7.986 | VV | 127 | 1749 | 0.04% | 0.015% |
| 96 | 8.019 | 7.986 | 8.062 | VV | 993 | 13369 | 0.29% | 0.116% |
| 97 | 8.106 | 8.062 | 8.115 | VV | 195 | 4605 | 0.10% | 0.040% |
| 98 | 8.121 | 8.115 | 8.149 | VV | 251 | 2841 | 0.06% | 0.025% |
| 99 | 8.189 | 8.149 | 8.209 | VV | 293 | 5983 | 0.13% | 0.052% |
| 100 | 8.218 | 8.209 | 8.229 | VV | 159 | 1369 | 0.03% | 0.012% |
| 101 | 8.245 | 8.229 | 8.270 | VV | 150 | 2392 | 0.05% | 0.021% |
| 102 | 8.283 | 8.270 | 8.312 | VV | 140 | 2405 | 0.05% | 0.021% |
| 103 | 8.332 | 8.312 | 8.365 | PV | 541 | 7548 | 0.16% | 0.065% |
| 104 | 8.388 | 8.365 | 8.410 | VV | 841 | 10827 | 0.24% | 0.094% |
| 105 | 8.426 | 8.410 | 8.445 | VV | 240 | 3971 | 0.09% | 0.034% |
| 106 | 8.460 | 8.445 | 8.499 | VV | 196 | 3857 | 0.08% | 0.033% |
| 107 | 8.508 | 8.499 | 8.518 | VV | 111 | 926 | 0.02% | 0.008% |
| 108 | 8.547 | 8.518 | 8.614 | VV | 347 | 9249 | 0.20% | 0.080% |
| 109 | 8.641 | 8.614 | 8.713 | VV | 2704 | 44974 | 0.98% | 0.389% |
| 110 | 8.754 | 8.713 | 8.772 | VV | 479 | 12779 | 0.28% | 0.111% |
| 111 | 8.791 | 8.772 | 8.818 | VV | 503 | 9342 | 0.20% | 0.081% |
| 112 | 8.835 | 8.818 | 8.858 | VV | 420 | 5814 | 0.13% | 0.050% |
| 113 | 8.876 | 8.858 | 8.915 | VV | 588 | 7650 | 0.17% | 0.066% |
| 114 | 8.994 | 8.915 | 9.039 | PV | 404 | 12835 | 0.28% | 0.111% |
| 115 | 9.067 | 9.039 | 9.082 | VV | 267 | 5750 | 0.13% | 0.050% |
| 116 | 9.104 | 9.082 | 9.120 | VV | 548 | 8920 | 0.19% | 0.077% |
| 117 | 9.136 | 9.120 | 9.146 | VV | 426 | 5740 | 0.12% | 0.050% |
| 118 | 9.190 | 9.146 | 9.230 | VV | 872 | 25871 | 0.56% | 0.224% |
| 119 | 9.249 | 9.230 | 9.282 | VV | 451 | 6700 | 0.15% | 0.058% |
| 120 | 9.301 | 9.282 | 9.332 | VV | 353 | 5657 | 0.12% | 0.049% |
| 121 | 9.340 | 9.332 | 9.348 | VV | 164 | 1275 | 0.03% | 0.011% |
| 122 | 9.374 | 9.348 | 9.392 | VV | 663 | 9764 | 0.21% | 0.085% |
| 123 | 9.407 | 9.392 | 9.458 | VV | 1084 | 24488 | 0.53% | 0.212% |
| 124 | 9.488 | 9.458 | 9.532 | VV | 2731 | 44762 | 0.97% | 0.387% |
| 125 | 9.561 | 9.532 | 9.587 | VV | 659 | 9513 | 0.21% | 0.082% |
| 126 | 9.610 | 9.587 | 9.646 | VV | 456 | 7161 | 0.16% | 0.062% |
| 127 | 9.663 | 9.646 | 9.677 | VV | 167 | 2519 | 0.05% | 0.022% |
| 128 | 9.694 | 9.677 | 9.740 | VV | 311 | 8295 | 0.18% | 0.072% |
| 129 | 9.776 | 9.740 | 9.818 | VV | 598 | 13975 | 0.30% | 0.121% |
| 130 | 9.842 | 9.818 | 9.885 | VV | 1172 | 18647 | 0.41% | 0.161% |
| 131 | 9.914 | 9.885 | 9.935 | VV | 230 | 5258 | 0.11% | 0.046% |
| 132 | 9.941 | 9.935 | 9.961 | VV | 166 | 1923 | 0.04% | 0.017% |
| 133 | 9.985 | 9.961 | 10.014 | VV | 581 | 9326 | 0.20% | 0.081% |
| 134 | 10.038 | 10.014 | 10.088 | VV | 606 | 11037 | 0.24% | 0.096% |
| 135 | 10.098 | 10.088 | 10.116 | VV | 175 | 1627 | 0.04% | 0.014% |
| 136 | 10.128 | 10.116 | 10.139 | VV | 80 | 729 | 0.02% | 0.006% |
| 137 | 10.181 | 10.139 | 10.217 | PV | 416 | 6941 | 0.15% | 0.060% |
| 138 | 10.227 | 10.217 | 10.238 | VV | 173 | 1796 | 0.04% | 0.016% |
| 139 | 10.260 | 10.238 | 10.311 | VV | 1304 | 21505 | 0.47% | 0.186% |
| 140 | 10.332 | 10.311 | 10.396 | VV | 436 | 14980 | 0.33% | 0.130% |
| 141 | 10.407 | 10.396 | 10.455 | VV | 213 | 4640 | 0.10% | 0.040% |

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|---|---|---|---|---|---|---|---|---|
| 142 | 10.538 | 10.455 | 10.558 | PV | 300 | 6520 | 0.14% | 0.056% |
| 143 | 10.581 | 10.558 | 10.602 | VV | 551 | 8766 | 0.19% | 0.076% |
| 144 | 10.609 | 10.602 | 10.621 | VV | 274 | 2584 | 0.06% | 0.022% |
| 145 | 10.654 | 10.621 | 10.675 | VV | 708 | 13707 | 0.30% | 0.119% |
| 146 | 10.692 | 10.675 | 10.714 | VV | 569 | 9269 | 0.20% | 0.080% |
| 147 | 10.742 | 10.714 | 10.786 | VV | 453 | 11135 | 0.24% | 0.096% |
| 148 | 10.796 | 10.786 | 10.832 | VV | 178 | 4008 | 0.09% | 0.035% |
| 149 | 10.865 | 10.832 | 10.879 | VV | 600 | 10254 | 0.22% | 0.089% |
| 150 | 10.897 | 10.879 | 10.917 | VV | 488 | 9126 | 0.20% | 0.079% |
| 151 | 10.944 | 10.917 | 10.966 | VV | 702 | 14747 | 0.32% | 0.128% |
| 152 | 11.006 | 10.966 | 11.040 | VV | 886 | 24958 | 0.54% | 0.216% |
| 153 | 11.061 | 11.040 | 11.078 | VV | 746 | 12708 | 0.28% | 0.110% |
| 154 | 11.084 | 11.078 | 11.101 | VV | 636 | 7520 | 0.16% | 0.065% |
| 155 | 11.132 | 11.101 | 11.192 | VV | 1915 | 41569 | 0.90% | 0.360% |
| 156 | 11.222 | 11.192 | 11.243 | VV | 414 | 10153 | 0.22% | 0.088% |
| 157 | 11.258 | 11.243 | 11.270 | VV | 254 | 3344 | 0.07% | 0.029% |
| 158 | 11.293 | 11.270 | 11.315 | VV | 314 | 7047 | 0.15% | 0.061% |
| 159 | 11.328 | 11.315 | 11.355 | VV | 432 | 7745 | 0.17% | 0.067% |
| 160 | 11.375 | 11.355 | 11.388 | VV | 417 | 6636 | 0.14% | 0.057% |
| 161 | 11.401 | 11.388 | 11.410 | VV | 410 | 4881 | 0.11% | 0.042% |
| 162 | 11.431 | 11.410 | 11.452 | VV | 909 | 13784 | 0.30% | 0.119% |
| 163 | 11.460 | 11.452 | 11.479 | VV | 310 | 3392 | 0.07% | 0.029% |
| 164 | 11.508 | 11.479 | 11.551 | VV | 272 | 6918 | 0.15% | 0.060% |
| 165 | 11.564 | 11.551 | 11.602 | VV | 114 | 1987 | 0.04% | 0.017% |
| 166 | 11.643 | 11.602 | 11.685 | VV | 1426 | 23437 | 0.51% | 0.203% |
| 167 | 11.711 | 11.685 | 11.742 | VV | 2379 | 35093 | 0.76% | 0.304% |
| 168 | 11.759 | 11.742 | 11.775 | VV | 394 | 6842 | 0.15% | 0.059% |
| 169 | 11.804 | 11.775 | 11.865 | VV | 738 | 17075 | 0.37% | 0.148% |
| 170 | 11.870 | 11.865 | 11.888 | VV | 145 | 941 | 0.02% | 0.008% |
| 171 | 11.941 | 11.888 | 11.972 | PV | 192 | 5989 | 0.13% | 0.052% |
| 172 | 12.030 | 11.972 | 12.052 | VV | 395 | 12250 | 0.27% | 0.106% |
| 173 | 12.103 | 12.052 | 12.158 | VV | 747 | 24497 | 0.53% | 0.212% |
| 174 | 12.181 | 12.158 | 12.222 | VV | 533 | 12673 | 0.28% | 0.110% |
| 175 | 12.237 | 12.222 | 12.258 | VV | 281 | 3711 | 0.08% | 0.032% |
| 176 | 12.306 | 12.258 | 12.325 | VV | 397 | 11249 | 0.24% | 0.097% |
| 177 | 12.384 | 12.325 | 12.412 | VV | 1560 | 45430 | 0.99% | 0.393% |
| 178 | 12.428 | 12.412 | 12.456 | VV | 664 | 11787 | 0.26% | 0.102% |
| 179 | 12.482 | 12.456 | 12.502 | VV | 375 | 7570 | 0.16% | 0.066% |
| 180 | 12.522 | 12.502 | 12.538 | VV | 642 | 10332 | 0.22% | 0.089% |
| 181 | 12.543 | 12.538 | 12.568 | VV | 560 | 6888 | 0.15% | 0.060% |
| 182 | 12.606 | 12.568 | 12.643 | VV | 1431 | 33414 | 0.73% | 0.289% |
| 183 | 12.668 | 12.643 | 12.742 | VV | 606 | 19839 | 0.43% | 0.172% |
| 184 | 12.764 | 12.742 | 12.778 | VV | 374 | 6757 | 0.15% | 0.058% |
| 185 | 12.799 | 12.778 | 12.825 | VV | 567 | 12436 | 0.27% | 0.108% |
| 186 | 12.889 | 12.825 | 12.935 | VV | 1264 | 37514 | 0.82% | 0.325% |
| 187 | 12.969 | 12.935 | 13.001 | VV | 1573 | 24868 | 0.54% | 0.215% |
| 188 | 13.030 | 13.001 | 13.082 | VV | 3394 | 51323 | 1.12% | 0.444% |
| 189 | 13.092 | 13.082 | 13.133 | VV | 317 | 6763 | 0.15% | 0.059% |
| 190 | 13.153 | 13.133 | 13.259 | VV | 312 | 11061 | 0.24% | 0.096% |
| 191 | 13.309 | 13.259 | 13.342 | PV | 397 | 13490 | 0.29% | 0.117% |
| 192 | 13.357 | 13.342 | 13.373 | VV | 317 | 4418 | 0.10% | 0.038% |
| 193 | 13.400 | 13.373 | 13.409 | VV | 445 | 6680 | 0.15% | 0.058% |
| 194 | 13.481 | 13.409 | 13.624 | VV | 355055 | 4598915 | 100.00% | 39.803% |

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|---|---|---|---|---|---|---|---|---|
| 195 | 13.646 | 13.624 | 13.679 | VV | 2531 | 59264 | 1.29% | 0.513% |
| 196 | 13.695 | 13.679 | 13.745 | VV | 1423 | 47706 | 1.04% | 0.413% |
| 197 | 13.762 | 13.745 | 13.805 | VV | 1024 | 31302 | 0.68% | 0.271% |
| 198 | 13.824 | 13.805 | 13.834 | VV | 943 | 14864 | 0.32% | 0.129% |
| 199 | 13.855 | 13.834 | 13.898 | VV | 1004 | 36859 | 0.80% | 0.319% |
| 200 | 13.921 | 13.898 | 13.933 | VV | 1230 | 23148 | 0.50% | 0.200% |
| 201 | 13.937 | 13.933 | 13.972 | VV | 1125 | 19153 | 0.42% | 0.166% |
| 202 | 13.989 | 13.972 | 14.015 | VV | 708 | 16425 | 0.36% | 0.142% |
| 203 | 14.031 | 14.015 | 14.045 | VV | 763 | 12405 | 0.27% | 0.107% |
| 204 | 14.070 | 14.045 | 14.127 | VV | 965 | 38638 | 0.84% | 0.334% |
| 205 | 14.145 | 14.127 | 14.154 | VV | 753 | 10722 | 0.23% | 0.093% |
| 206 | 14.185 | 14.154 | 14.212 | VV | 1406 | 30992 | 0.67% | 0.268% |
| 207 | 14.238 | 14.212 | 14.278 | VV | 2681 | 49108 | 1.07% | 0.425% |
| 208 | 14.291 | 14.278 | 14.312 | VV | 630 | 10688 | 0.23% | 0.092% |
| 209 | 14.332 | 14.312 | 14.366 | VV | 485 | 13048 | 0.28% | 0.113% |
| 210 | 14.387 | 14.366 | 14.412 | VV | 368 | 8164 | 0.18% | 0.071% |
| 211 | 14.472 | 14.412 | 14.518 | VV | 791 | 30146 | 0.66% | 0.261% |
| 212 | 14.539 | 14.518 | 14.562 | VV | 469 | 11007 | 0.24% | 0.095% |
| 213 | 14.574 | 14.562 | 14.588 | VV | 508 | 7145 | 0.16% | 0.062% |
| 214 | 14.627 | 14.588 | 14.638 | VV | 543 | 13721 | 0.30% | 0.119% |
| 215 | 14.683 | 14.638 | 14.781 | VV | 1226 | 58246 | 1.27% | 0.504% |
| 216 | 14.805 | 14.781 | 14.846 | VV | 1357 | 28472 | 0.62% | 0.246% |
| 217 | 14.874 | 14.846 | 14.887 | VV | 594 | 13025 | 0.28% | 0.113% |
| 218 | 14.923 | 14.887 | 14.949 | VV | 765 | 25746 | 0.56% | 0.223% |
| 219 | 14.964 | 14.949 | 14.988 | VV | 771 | 15989 | 0.35% | 0.138% |
| 220 | 15.006 | 14.988 | 15.039 | VV | 696 | 17201 | 0.37% | 0.149% |
| 221 | 15.062 | 15.039 | 15.080 | VV | 714 | 14324 | 0.31% | 0.124% |
| 222 | 15.124 | 15.080 | 15.142 | VV | 779 | 23387 | 0.51% | 0.202% |
| 223 | 15.157 | 15.142 | 15.176 | VV | 729 | 12295 | 0.27% | 0.106% |
| 224 | 15.197 | 15.176 | 15.220 | VV | 666 | 14239 | 0.31% | 0.123% |
| 225 | 15.231 | 15.220 | 15.252 | VV | 444 | 7888 | 0.17% | 0.068% |
| 226 | 15.271 | 15.252 | 15.288 | VV | 1086 | 15994 | 0.35% | 0.138% |
| 227 | 15.305 | 15.288 | 15.324 | VV | 924 | 15639 | 0.34% | 0.135% |
| 228 | 15.349 | 15.324 | 15.397 | VV | 2527 | 50677 | 1.10% | 0.439% |
| 229 | 15.404 | 15.397 | 15.462 | VV | 468 | 12170 | 0.26% | 0.105% |
| 230 | 15.481 | 15.462 | 15.500 | VV | 266 | 4973 | 0.11% | 0.043% |
| 231 | 15.543 | 15.500 | 15.578 | VV | 395 | 14797 | 0.32% | 0.128% |
| 232 | 15.625 | 15.578 | 15.644 | VV | 360 | 11015 | 0.24% | 0.095% |
| 233 | 15.687 | 15.644 | 15.717 | VV | 295 | 8445 | 0.18% | 0.073% |
| 234 | 15.740 | 15.717 | 15.755 | VV | 308 | 4743 | 0.10% | 0.041% |
| 235 | 15.776 | 15.755 | 15.814 | VV | 378 | 10000 | 0.22% | 0.087% |
| 236 | 15.874 | 15.814 | 15.961 | VV | 2044 | 52792 | 1.15% | 0.457% |
| 237 | 15.994 | 15.961 | 16.032 | VV | 291 | 10576 | 0.23% | 0.092% |
| 238 | 16.053 | 16.032 | 16.125 | VV | 514 | 18544 | 0.40% | 0.160% |
| 239 | 16.144 | 16.125 | 16.154 | VV | 268 | 3997 | 0.09% | 0.035% |
| 240 | 16.183 | 16.154 | 16.215 | VV | 552 | 15609 | 0.34% | 0.135% |
| 241 | 16.230 | 16.215 | 16.292 | VV | 539 | 15635 | 0.34% | 0.135% |
| 242 | 16.299 | 16.292 | 16.308 | VV | 199 | 1470 | 0.03% | 0.013% |
| 243 | 16.339 | 16.308 | 16.352 | VV | 449 | 7485 | 0.16% | 0.065% |
| 244 | 16.378 | 16.352 | 16.458 | VV | 2618 | 54918 | 1.19% | 0.475% |
| 245 | 16.466 | 16.458 | 16.498 | VV | 177 | 2721 | 0.06% | 0.024% |
| 246 | 16.514 | 16.498 | 16.528 | PV | 94 | 1089 | 0.02% | 0.009% |

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|---|---|---|---|---|---|---|---|---|
| 247 | 16.556 | 16.528 | 16.623 | VV | 349 | 10531 | 0.23% | 0.091% |
| 248 | 16.632 | 16.623 | 16.645 | VV | 94 | 892 | 0.02% | 0.008% |
| 249 | 16.692 | 16.645 | 16.715 | VV | 281 | 7240 | 0.16% | 0.063% |
| 250 | 16.740 | 16.715 | 16.790 | VV | 225 | 5701 | 0.12% | 0.049% |
| 251 | 16.865 | 16.790 | 16.946 | VV | 2506 | 51704 | 1.12% | 0.447% |
| 252 | 16.957 | 16.946 | 16.971 | VV | 208 | 2367 | 0.05% | 0.020% |
| 253 | 17.029 | 16.971 | 17.055 | VV | 349 | 11895 | 0.26% | 0.103% |
| 254 | 17.073 | 17.055 | 17.137 | VV | 373 | 12903 | 0.28% | 0.112% |
| 255 | 17.168 | 17.137 | 17.184 | VV | 444 | 7829 | 0.17% | 0.068% |
| 256 | 17.216 | 17.184 | 17.248 | VV | 456 | 11696 | 0.25% | 0.101% |
| 257 | 17.256 | 17.248 | 17.279 | VV | 308 | 4493 | 0.10% | 0.039% |
| 258 | 17.334 | 17.279 | 17.422 | VV | 3019 | 65073 | 1.41% | 0.563% |
| 259 | 17.446 | 17.422 | 17.474 | VV | 228 | 5964 | 0.13% | 0.052% |
| 260 | 17.483 | 17.474 | 17.523 | VV | 224 | 4262 | 0.09% | 0.037% |
| 261 | 17.581 | 17.523 | 17.607 | VV | 180 | 5484 | 0.12% | 0.047% |
| 262 | 17.628 | 17.607 | 17.648 | VV | 198 | 2940 | 0.06% | 0.025% |
| 263 | 17.670 | 17.648 | 17.692 | VV | 213 | 3173 | 0.07% | 0.027% |
| 264 | 17.788 | 17.692 | 17.848 | PV | 4659 | 83972 | 1.83% | 0.727% |
| 265 | 17.895 | 17.848 | 17.948 | VV | 313 | 14062 | 0.31% | 0.122% |
| 266 | 17.955 | 17.948 | 17.978 | VV | 117 | 1761 | 0.04% | 0.015% |
| 267 | 17.997 | 17.978 | 18.030 | VV | 144 | 2912 | 0.06% | 0.025% |
| 268 | 18.074 | 18.030 | 18.093 | VV | 333 | 5655 | 0.12% | 0.049% |
| 269 | 18.132 | 18.093 | 18.142 | VV | 177 | 3678 | 0.08% | 0.032% |
| 270 | 18.227 | 18.142 | 18.329 | VV | 4083 | 77414 | 1.68% | 0.670% |
| 271 | 18.377 | 18.329 | 18.427 | VV | 607 | 17595 | 0.38% | 0.152% |
| 272 | 18.435 | 18.427 | 18.459 | VV | 113 | 1315 | 0.03% | 0.011% |
| 273 | 18.505 | 18.459 | 18.535 | PV | 468 | 9889 | 0.22% | 0.086% |
| 274 | 18.551 | 18.535 | 18.572 | VV | 217 | 3230 | 0.07% | 0.028% |
| 275 | 18.653 | 18.572 | 18.723 | PV | 4938 | 83520 | 1.82% | 0.723% |
| 276 | 18.747 | 18.723 | 18.767 | VV | 446 | 7019 | 0.15% | 0.061% |
| 277 | 18.796 | 18.767 | 18.825 | VV | 230 | 4976 | 0.11% | 0.043% |
| 278 | 18.918 | 18.825 | 18.942 | VV | 368 | 9282 | 0.20% | 0.080% |
| 279 | 18.954 | 18.942 | 19.008 | VV | 251 | 4149 | 0.09% | 0.036% |
| 280 | 19.066 | 19.008 | 19.138 | PV | 3780 | 74950 | 1.63% | 0.649% |
| 281 | 19.223 | 19.138 | 19.292 | VV | 332 | 15868 | 0.35% | 0.137% |
| 282 | 19.320 | 19.292 | 19.344 | VV | 333 | 6433 | 0.14% | 0.056% |
| 283 | 19.377 | 19.344 | 19.410 | VV | 202 | 6098 | 0.13% | 0.053% |
| 284 | 19.465 | 19.410 | 19.530 | PV | 3947 | 73363 | 1.60% | 0.635% |
| 285 | 19.647 | 19.530 | 19.676 | VV | 613 | 33889 | 0.74% | 0.293% |
| 286 | 19.714 | 19.676 | 19.735 | VV | 690 | 19706 | 0.43% | 0.171% |
| 287 | 19.792 | 19.735 | 19.803 | VV | 668 | 24946 | 0.54% | 0.216% |
| 288 | 19.854 | 19.803 | 19.933 | VV | 3975 | 113870 | 2.48% | 0.986% |
| 289 | 20.040 | 19.933 | 20.062 | VV | 1093 | 75835 | 1.65% | 0.656% |
| 290 | 20.150 | 20.062 | 20.183 | VV | 1479 | 89283 | 1.94% | 0.773% |
| 291 | 20.231 | 20.183 | 20.262 | VV | 3896 | 100444 | 2.18% | 0.869% |
| 292 | 20.287 | 20.262 | 20.304 | VV | 1657 | 40308 | 0.88% | 0.349% |
| 293 | 20.417 | 20.304 | 20.437 | VV | 1994 | 139702 | 3.04% | 1.209% |
| 294 | 20.479 | 20.437 | 20.487 | VV | 2181 | 63020 | 1.37% | 0.545% |
| 295 | 20.511 | 20.487 | 20.535 | VV | 2465 | 66671 | 1.45% | 0.577% |
| 296 | 20.543 | 20.535 | 20.550 | VV | 2332 | 20757 | 0.45% | 0.180% |
| 297 | 20.599 | 20.550 | 20.635 | VV | 4707 | 165075 | 3.59% | 1.429% |
| 298 | 20.668 | 20.635 | 20.688 | VV | 3105 | 95156 | 2.07% | 0.824% |
| 299 | 20.842 | 20.688 | 20.850 | VV | 3437 | 311019 | 6.76% | 2.692% |

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|---|---|---|---|---|---|---|---|---|
| 300 | 20.877 | 20.850 | 20.931 | VV | 3599 | 169795 | 3.69% | 1.470% |
| 301 | 20.967 | 20.931 | 21.012 | VV | 5098 | 195870 | 4.26% | 1.695% |
| 302 | 21.051 | 21.012 | 21.073 | VV | 3528 | 127265 | 2.77% | 1.101% |
| 303 | 21.155 | 21.073 | 21.193 | VV | 3583 | 249723 | 5.43% | 2.161% |
| 304 | 21.210 | 21.193 | 21.251 | VV | 3329 | 111528 | 2.43% | 0.965% |
| 305 | 21.272 | 21.251 | 21.314 | VV | 3093 | 112244 | 2.44% | 0.971% |
| 306 | 21.374 | 21.314 | 21.454 | VV | 4126 | 262615 | 5.71% | 2.273% |
| 307 | 21.468 | 21.454 | 21.521 | VV | 2769 | 103747 | 2.26% | 0.898% |
| 308 | 21.531 | 21.521 | 21.540 | VV | 2491 | 27552 | 0.60% | 0.238% |
| 309 | 21.546 | 21.540 | 21.615 | VV | 2463 | 104722 | 2.28% | 0.906% |
| 310 | 21.628 | 21.615 | 21.637 | VV | 2240 | 28565 | 0.62% | 0.247% |
| 311 | 21.658 | 21.637 | 21.692 | VV | 2147 | 68419 | 1.49% | 0.592% |
| 312 | 21.709 | 21.692 | 21.797 | VV | 2060 | 119733 | 2.60% | 1.036% |
| 313 | 21.834 | 21.797 | 21.900 | VV | 2393 | 111805 | 2.43% | 0.968% |
| 314 | 21.911 | 21.900 | 21.942 | VV | 1365 | 33105 | 0.72% | 0.287% |
| 315 | 21.978 | 21.942 | 22.002 | VV | 1301 | 45160 | 0.98% | 0.391% |
| 316 | 22.008 | 22.002 | 22.048 | VV | 1175 | 30523 | 0.66% | 0.264% |
| 317 | 22.071 | 22.048 | 22.122 | VV | 1001 | 40024 | 0.87% | 0.346% |
| 318 | 22.148 | 22.122 | 22.184 | VV | 827 | 28174 | 0.61% | 0.244% |
| 319 | 22.213 | 22.184 | 22.271 | VV | 687 | 31012 | 0.67% | 0.268% |
| 320 | 22.353 | 22.271 | 22.478 | VV | 1063 | 58401 | 1.27% | 0.505% |

Sum of corrected areas: 11554263

Aliphatic EPH 102925.M Tue Nov 18 03:12:46 2025

Quantitation Report (QT Reviewed)

Sample Results: **FF016724.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
Data File : FF016724.D
Signal(s) : FID2B.ch
Acq On : 17 Nov 2025 19:01
Operator : YP\AJ
Sample : Q3586-03
Misc :
ALS Vial : 78 Sample Multiplier: 1

**Instrument :**
FID_F
**ClientSampleId :**
SED-3

Integration File: autoint1.e
Quant Time: Nov 18 00:34:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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

| Compound | R.T. | Response | Conc Units |
|---|---|---|---|
| System Monitoring Compounds | | | |
| 4) S 2-Bromonaphthalene (S... | 8.011 | 6303217 | 55.622 ug/ml |
| Spiked Amount 50.000 | | Recovery = 111.24% | |
| 6) S 2-Flurobiphenyl (SURR) | 8.886 | 4211923 | 59.056 ug/ml |
| Spiked Amount 50.000 | Range 0 - 131 | Recovery = 118.11% | |
| 11) S ortho-Terphenyl (SURR) | 11.954 | 6957013 | 47.374 ug/ml |
| Spiked Amount 50.000 | | Recovery = 94.75% | |
| Target Compounds | | | |

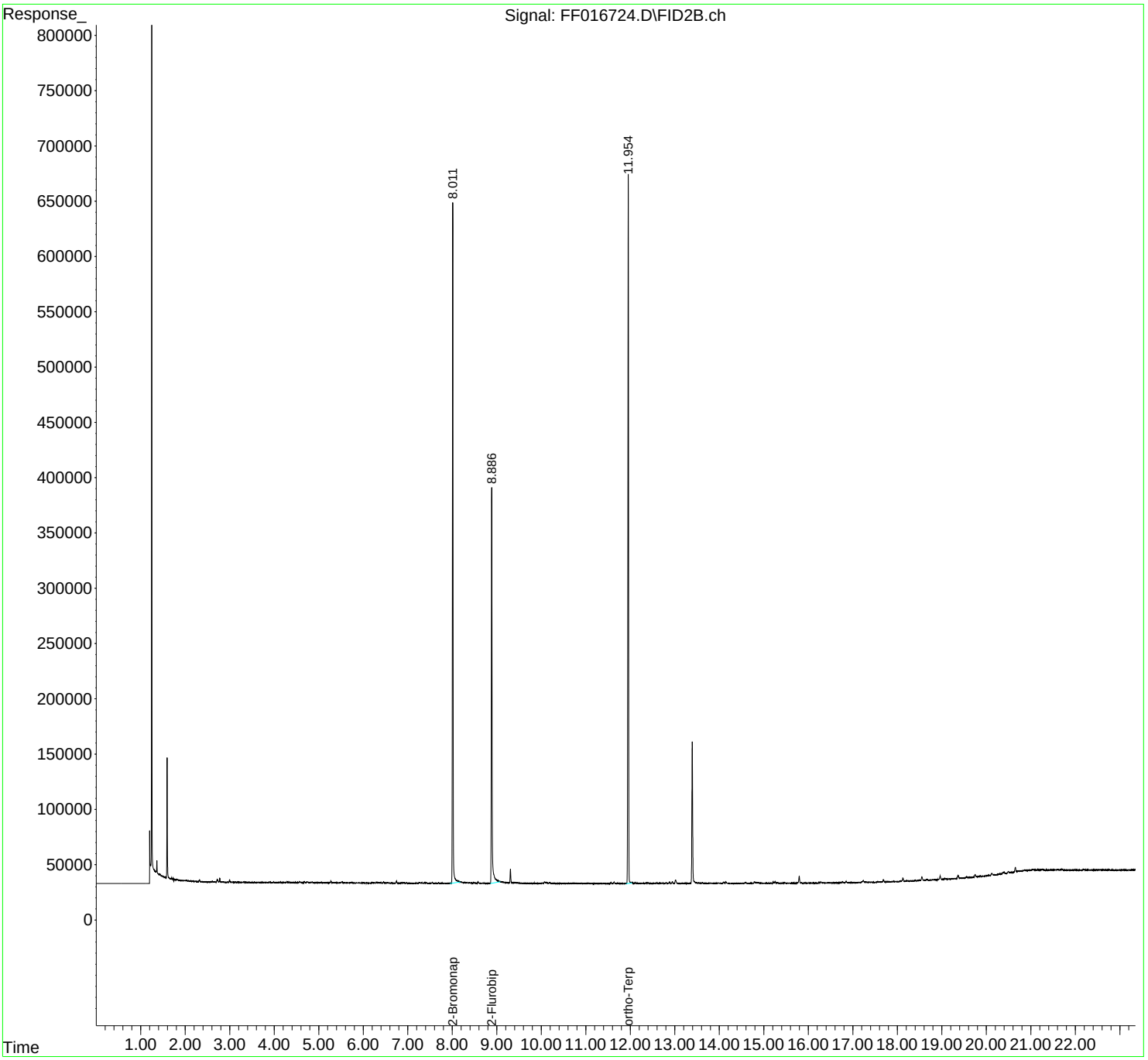
(f)=RT Delta > 1/2 Window (m)=manual int.

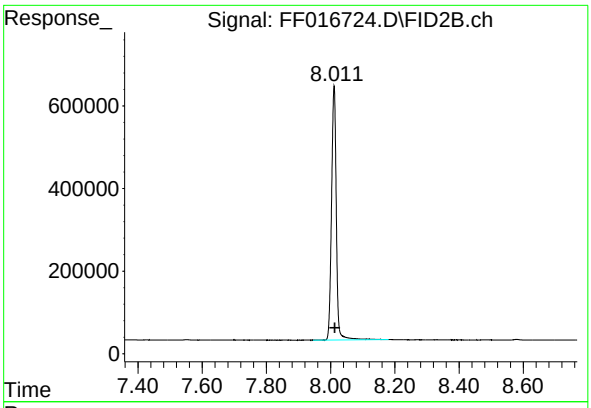
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
Data File : FF016724.D
Signal(s) : FID2B.ch
Acq On : 17 Nov 2025 19:01
Operator : YP\AJ
Sample : Q3586-03
Misc :
ALS Vial : 78 Sample Multiplier: 1

**Instrument :**
FID_F
**ClientSampleId :**
SED-3

Integration File: autoint1.e
Quant Time: Nov 18 00:34:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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

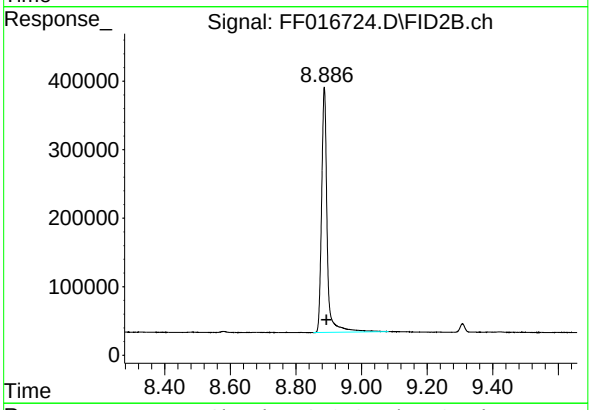





#4 2-Bromonaphthalene (SURR)

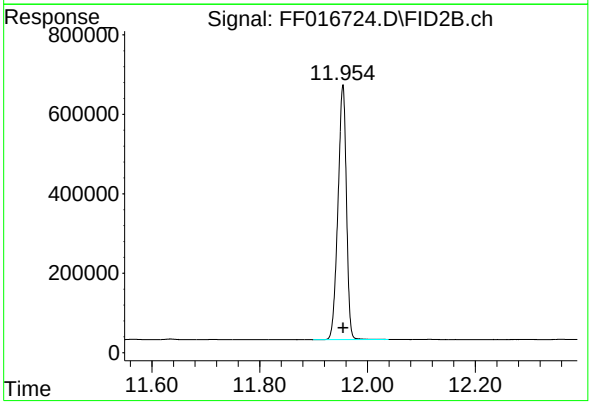
R.T.: 8.011 min
Delta R.T.: -0.002 min
Response: 6303217
Conc: 55.62 ug/ml

**Instrument :**
FID_F
**ClientSampleId :**
SED-3




#6 2-Flurobiphenyl (SURR)

R.T.: 8.886 min
Delta R.T.: -0.006 min
Response: 4211923
Conc: 59.06 ug/ml




#11 ortho-Terphenyl (SURR)

R.T.: 11.954 min
Delta R.T.: 0.000 min
Response: 6957013
Conc: 47.37 ug/ml

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Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
Data File : FF016724.D
Signal(s) : FID2B.ch
Acq On : 17 Nov 2025 19:01
Sample : Q3586-03
Misc :
ALS Vial : 78 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Title : GC Extractables

Signal : FID2B.ch

| peak # | R.T. min | Start min | End min | PK TY | peak height | peak area | peak % max. | % of total |
|---|---|---|---|---|---|---|---|---|
| 1 | 4.477 | 4.454 | 4.501 | PV | 423 | 4338 | 0.06% | 0.020% |
| 2 | 4.506 | 4.501 | 4.545 | PV | 134 | 1432 | 0.02% | 0.007% |
| 3 | 4.568 | 4.545 | 4.590 | VV | 1084 | 11762 | 0.17% | 0.053% |
| 4 | 4.601 | 4.590 | 4.627 | VV | 377 | 3952 | 0.06% | 0.018% |
| 5 | 4.645 | 4.627 | 4.657 | VV | 184 | 1825 | 0.03% | 0.008% |
| 6 | 4.677 | 4.657 | 4.717 | VV | 520 | 9116 | 0.13% | 0.041% |
| 7 | 4.734 | 4.717 | 4.745 | VV | 928 | 10416 | 0.15% | 0.047% |
| 8 | 4.755 | 4.745 | 4.777 | VV | 605 | 7724 | 0.11% | 0.035% |
| 9 | 4.794 | 4.777 | 4.802 | VV | 210 | 2193 | 0.03% | 0.010% |
| 10 | 4.819 | 4.802 | 4.835 | VV | 471 | 4771 | 0.07% | 0.022% |
| 11 | 4.851 | 4.835 | 4.872 | VV | 663 | 7344 | 0.10% | 0.033% |
| 12 | 4.889 | 4.872 | 4.896 | VV | 167 | 1415 | 0.02% | 0.006% |
| 13 | 4.911 | 4.896 | 4.919 | VV | 159 | 1588 | 0.02% | 0.007% |
| 14 | 4.925 | 4.919 | 4.943 | VV | 123 | 1586 | 0.02% | 0.007% |
| 15 | 4.959 | 4.952 | 4.971 | VV | 170 | 1484 | 0.02% | 0.007% |
| 16 | 4.983 | 4.971 | 5.008 | VV | 235 | 3655 | 0.05% | 0.017% |
| 17 | 5.030 | 5.008 | 5.051 | VV | 221 | 3857 | 0.06% | 0.018% |
| 18 | 5.068 | 5.051 | 5.127 | VV | 335 | 5586 | 0.08% | 0.025% |
| 19 | 5.149 | 5.134 | 5.166 | VV | 168 | 1935 | 0.03% | 0.009% |
| 20 | 5.173 | 5.166 | 5.225 | VV | 205 | 3997 | 0.06% | 0.018% |
| 21 | 5.248 | 5.225 | 5.255 | VV | 333 | 3524 | 0.05% | 0.016% |
| 22 | 5.272 | 5.255 | 5.305 | VV | 1706 | 21555 | 0.31% | 0.098% |
| 23 | 5.330 | 5.305 | 5.351 | PV | 459 | 8181 | 0.12% | 0.037% |
| 24 | 5.369 | 5.351 | 5.380 | VV | 437 | 5551 | 0.08% | 0.025% |
| 25 | 5.387 | 5.380 | 5.442 | VV | 348 | 5387 | 0.08% | 0.024% |
| 26 | 5.485 | 5.464 | 5.491 | VV | 117 | 1115 | 0.02% | 0.005% |
| 27 | 5.517 | 5.497 | 5.555 | VV | 1142 | 18754 | 0.27% | 0.085% |
| 28 | 5.566 | 5.555 | 5.575 | VV | 327 | 3364 | 0.05% | 0.015% |
| 29 | 5.583 | 5.575 | 5.593 | VV | 278 | 2339 | 0.03% | 0.011% |
| 30 | 5.599 | 5.593 | 5.620 | VV | 171 | 2111 | 0.03% | 0.010% |
| 31 | 5.643 | 5.620 | 5.654 | VV | 182 | 2709 | 0.04% | 0.012% |
| 32 | 5.671 | 5.667 | 5.689 | VV | 159 | 1462 | 0.02% | 0.007% |
| 33 | 5.708 | 5.689 | 5.723 | VV | 468 | 5529 | 0.08% | 0.025% |
| 34 | 5.755 | 5.723 | 5.774 | VV | 532 | 9761 | 0.14% | 0.044% |
| 35 | 5.785 | 5.774 | 5.799 | VV | 146 | 1307 | 0.02% | 0.006% |
| 36 | 5.818 | 5.799 | 5.829 | VV | 162 | 1950 | 0.03% | 0.009% |

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|---|---|---|---|---|---|---|---|---|
| 37 | 5.846 | 5.838 | 5.889 | VV | 173 | 3536 | 0.05% | 0.016% |
| 38 | 5.903 | 5.889 | 5.914 | VV | 284 | 2803 | 0.04% | 0.013% |
| 39 | 5.917 | 5.914 | 5.938 | VV | 209 | 1861 | 0.03% | 0.008% |
| 40 | 5.975 | 5.938 | 5.988 | PV | 279 | 3896 | 0.06% | 0.018% |
| 41 | 6.020 | 6.003 | 6.044 | VV | 285 | 4211 | 0.06% | 0.019% |
| 42 | 6.061 | 6.044 | 6.072 | VV | 247 | 2692 | 0.04% | 0.012% |
| 43 | 6.080 | 6.072 | 6.131 | VV | 362 | 5180 | 0.07% | 0.024% |
| 44 | 6.149 | 6.131 | 6.171 | VV | 133 | 1481 | 0.02% | 0.007% |
| 45 | 6.197 | 6.171 | 6.216 | PV | 725 | 9885 | 0.14% | 0.045% |
| 46 | 6.220 | 6.216 | 6.227 | VV | 285 | 1469 | 0.02% | 0.007% |
| 47 | 6.247 | 6.227 | 6.263 | VV | 328 | 4799 | 0.07% | 0.022% |
| 48 | 6.296 | 6.263 | 6.329 | VV | 890 | 21141 | 0.30% | 0.096% |
| 49 | 6.344 | 6.329 | 6.369 | VV | 648 | 8676 | 0.12% | 0.039% |
| 50 | 6.390 | 6.369 | 6.429 | VV | 1017 | 16034 | 0.23% | 0.073% |
| 51 | 6.455 | 6.429 | 6.496 | VV | 1225 | 18937 | 0.27% | 0.086% |
| 52 | 6.513 | 6.496 | 6.522 | VV | 313 | 3791 | 0.05% | 0.017% |
| 53 | 6.532 | 6.522 | 6.537 | VV | 348 | 2762 | 0.04% | 0.013% |
| 54 | 6.541 | 6.537 | 6.553 | VV | 317 | 2655 | 0.04% | 0.012% |
| 55 | 6.560 | 6.553 | 6.579 | VV | 262 | 3565 | 0.05% | 0.016% |
| 56 | 6.595 | 6.579 | 6.604 | VV | 316 | 3906 | 0.06% | 0.018% |
| 57 | 6.611 | 6.604 | 6.627 | VV | 259 | 3156 | 0.05% | 0.014% |
| 58 | 6.631 | 6.627 | 6.653 | VV | 293 | 3511 | 0.05% | 0.016% |
| 59 | 6.658 | 6.653 | 6.669 | VV | 242 | 1810 | 0.03% | 0.008% |
| 60 | 6.674 | 6.669 | 6.705 | VV | 179 | 2830 | 0.04% | 0.013% |
| 61 | 6.713 | 6.705 | 6.722 | VV | 175 | 1420 | 0.02% | 0.006% |
| 62 | 6.746 | 6.722 | 6.809 | VV | 2090 | 28469 | 0.41% | 0.129% |
| 63 | 6.834 | 6.809 | 6.853 | VV | 376 | 5379 | 0.08% | 0.024% |
| 64 | 6.865 | 6.853 | 6.883 | VV | 385 | 4375 | 0.06% | 0.020% |
| 65 | 6.900 | 6.883 | 6.921 | VV | 750 | 9368 | 0.13% | 0.043% |
| 66 | 6.934 | 6.921 | 6.956 | VV | 349 | 3739 | 0.05% | 0.017% |
| 67 | 6.976 | 6.956 | 7.005 | VV | 542 | 7022 | 0.10% | 0.032% |
| 68 | 7.029 | 7.005 | 7.061 | VV | 273 | 3385 | 0.05% | 0.015% |
| 69 | 7.089 | 7.070 | 7.111 | VV | 206 | 2394 | 0.03% | 0.011% |
| 70 | 7.155 | 7.111 | 7.180 | PV | 236 | 3750 | 0.05% | 0.017% |
| 71 | 7.200 | 7.180 | 7.239 | PV | 355 | 6513 | 0.09% | 0.030% |
| 72 | 7.260 | 7.239 | 7.273 | VV | 635 | 8249 | 0.12% | 0.038% |
| 73 | 7.278 | 7.273 | 7.297 | VV | 524 | 5572 | 0.08% | 0.025% |
| 74 | 7.319 | 7.297 | 7.349 | VV | 713 | 12660 | 0.18% | 0.058% |
| 75 | 7.368 | 7.349 | 7.379 | VV | 711 | 9167 | 0.13% | 0.042% |
| 76 | 7.386 | 7.379 | 7.410 | VV | 745 | 8805 | 0.13% | 0.040% |
| 77 | 7.427 | 7.410 | 7.446 | VV | 594 | 7591 | 0.11% | 0.035% |
| 78 | 7.467 | 7.446 | 7.492 | VV | 205 | 3870 | 0.06% | 0.018% |
| 79 | 7.498 | 7.492 | 7.511 | VV | 225 | 1471 | 0.02% | 0.007% |
| 80 | 7.528 | 7.511 | 7.536 | VV | 236 | 2349 | 0.03% | 0.011% |
| 81 | 7.553 | 7.536 | 7.596 | VV | 1131 | 15390 | 0.22% | 0.070% |
| 82 | 7.613 | 7.596 | 7.624 | VV | 350 | 3681 | 0.05% | 0.017% |
| 83 | 7.628 | 7.624 | 7.646 | VV | 272 | 2518 | 0.04% | 0.011% |
| 84 | 7.663 | 7.646 | 7.679 | VV | 332 | 3910 | 0.06% | 0.018% |
| 85 | 7.699 | 7.679 | 7.742 | VV | 417 | 8330 | 0.12% | 0.038% |
| 86 | 7.766 | 7.742 | 7.809 | VV | 363 | 7670 | 0.11% | 0.035% |
| 87 | 7.815 | 7.809 | 7.891 | VV | 143 | 3555 | 0.05% | 0.016% |
| 88 | 7.933 | 7.911 | 7.945 | VV | 201 | 2613 | 0.04% | 0.012% |
| 89 | 7.963 | 7.945 | 7.979 | VV | 380 | 4643 | 0.07% | 0.021% |

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|---|---|---|---|---|---|---|---|---|
| 90 | 8.011 | 7.979 | 8.256 | VV | 615078 | 6448564 | 92.17% | 29.318% |
| 91 | 8.270 | 8.256 | 8.300 | VV | 1024 | 22588 | 0.32% | 0.103% |
| 92 | 8.330 | 8.300 | 8.344 | VV | 931 | 20385 | 0.29% | 0.093% |
| 93 | 8.349 | 8.344 | 8.377 | VV | 634 | 11481 | 0.16% | 0.052% |
| 94 | 8.383 | 8.377 | 8.386 | VV | 574 | 2699 | 0.04% | 0.012% |
| 95 | 8.389 | 8.386 | 8.444 | VV | 575 | 16321 | 0.23% | 0.074% |
| 96 | 8.446 | 8.444 | 8.462 | VV | 463 | 4504 | 0.06% | 0.020% |
| 97 | 8.482 | 8.462 | 8.544 | VV | 771 | 24179 | 0.35% | 0.110% |
| 98 | 8.579 | 8.544 | 8.606 | VV | 1798 | 29242 | 0.42% | 0.133% |
| 99 | 8.611 | 8.606 | 8.619 | VV | 382 | 2541 | 0.04% | 0.012% |
| 100 | 8.625 | 8.619 | 8.646 | VV | 366 | 4378 | 0.06% | 0.020% |
| 101 | 8.673 | 8.646 | 8.709 | VV | 425 | 12267 | 0.18% | 0.056% |
| 102 | 8.716 | 8.709 | 8.721 | VV | 379 | 2307 | 0.03% | 0.010% |
| 103 | 8.724 | 8.721 | 8.756 | VV | 399 | 5923 | 0.08% | 0.027% |
| 104 | 8.772 | 8.756 | 8.794 | VV | 301 | 5110 | 0.07% | 0.023% |
| 105 | 8.816 | 8.794 | 8.835 | VV | 386 | 5728 | 0.08% | 0.026% |
| 106 | 8.841 | 8.835 | 8.854 | VV | 177 | 1264 | 0.02% | 0.006% |
| 107 | 8.887 | 8.854 | 9.160 | VV | 359247 | 4393849 | 62.80% | 19.977% |
| 108 | 9.165 | 9.160 | 9.170 | VV | 989 | 5588 | 0.08% | 0.025% |
| 109 | 9.178 | 9.170 | 9.216 | VV | 1029 | 24436 | 0.35% | 0.111% |
| 110 | 9.232 | 9.216 | 9.261 | VV | 896 | 21024 | 0.30% | 0.096% |
| 111 | 9.264 | 9.261 | 9.277 | VV | 720 | 6514 | 0.09% | 0.030% |
| 112 | 9.308 | 9.277 | 9.335 | VV | 13187 | 149776 | 2.14% | 0.681% |
| 113 | 9.343 | 9.335 | 9.357 | VV | 949 | 11418 | 0.16% | 0.052% |
| 114 | 9.362 | 9.357 | 9.368 | VV | 816 | 5097 | 0.07% | 0.023% |
| 115 | 9.388 | 9.368 | 9.401 | VV | 978 | 16144 | 0.23% | 0.073% |
| 116 | 9.421 | 9.401 | 9.456 | VV | 1224 | 28202 | 0.40% | 0.128% |
| 117 | 9.469 | 9.456 | 9.478 | VV | 701 | 8058 | 0.12% | 0.037% |
| 118 | 9.481 | 9.478 | 9.489 | VV | 560 | 3439 | 0.05% | 0.016% |
| 119 | 9.493 | 9.489 | 9.531 | VV | 604 | 10865 | 0.16% | 0.049% |
| 120 | 9.549 | 9.531 | 9.564 | VV | 397 | 6956 | 0.10% | 0.032% |
| 121 | 9.566 | 9.564 | 9.576 | VV | 310 | 1986 | 0.03% | 0.009% |
| 122 | 9.593 | 9.576 | 9.612 | VV | 463 | 8020 | 0.11% | 0.036% |
| 123 | 9.629 | 9.612 | 9.672 | VV | 408 | 10545 | 0.15% | 0.048% |
| 124 | 9.689 | 9.672 | 9.696 | VV | 305 | 3419 | 0.05% | 0.016% |
| 125 | 9.708 | 9.696 | 9.726 | VV | 324 | 4681 | 0.07% | 0.021% |
| 126 | 9.738 | 9.726 | 9.747 | VV | 218 | 2075 | 0.03% | 0.009% |
| 127 | 9.774 | 9.747 | 9.812 | VV | 440 | 9458 | 0.14% | 0.043% |
| 128 | 9.838 | 9.812 | 9.844 | VV | 344 | 2892 | 0.04% | 0.013% |
| 129 | 9.854 | 9.844 | 9.885 | VV | 246 | 3828 | 0.05% | 0.017% |
| 130 | 9.910 | 9.897 | 9.949 | VV | 246 | 4350 | 0.06% | 0.020% |
| 131 | 9.966 | 9.949 | 9.999 | VV | 273 | 5157 | 0.07% | 0.023% |
| 132 | 10.023 | 9.999 | 10.046 | VV | 894 | 12019 | 0.17% | 0.055% |
| 133 | 10.071 | 10.046 | 10.099 | VV | 1483 | 30682 | 0.44% | 0.139% |
| 134 | 10.107 | 10.099 | 10.155 | VV | 1154 | 24714 | 0.35% | 0.112% |
| 135 | 10.159 | 10.155 | 10.168 | VV | 424 | 3036 | 0.04% | 0.014% |
| 136 | 10.189 | 10.168 | 10.237 | VV | 1257 | 22730 | 0.32% | 0.103% |
| 137 | 10.260 | 10.237 | 10.279 | VV | 343 | 6543 | 0.09% | 0.030% |
| 138 | 10.282 | 10.279 | 10.320 | VV | 254 | 3922 | 0.06% | 0.018% |
| 139 | 10.331 | 10.320 | 10.338 | VV | 179 | 1575 | 0.02% | 0.007% |
| 140 | 10.355 | 10.338 | 10.383 | VV | 221 | 3932 | 0.06% | 0.018% |
| 141 | 10.423 | 10.406 | 10.444 | VV | 134 | 1974 | 0.03% | 0.009% |

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|---|---|---|---|---|---|---|---|---|
| 142 | 10.459 | 10.444 | 10.471 | VV | 122 | 1190 | 0.02% | 0.005% |
| 143 | 10.490 | 10.478 | 10.496 | VV | 134 | 1031 | 0.01% | 0.005% |
| 144 | 10.506 | 10.496 | 10.537 | VV | 238 | 3503 | 0.05% | 0.016% |
| 145 | 10.554 | 10.537 | 10.569 | VV | 186 | 2278 | 0.03% | 0.010% |
| 146 | 10.586 | 10.569 | 10.601 | VV | 268 | 3500 | 0.05% | 0.016% |
| 147 | 10.619 | 10.601 | 10.642 | VV | 327 | 5290 | 0.08% | 0.024% |
| 148 | 10.650 | 10.642 | 10.659 | VV | 229 | 1759 | 0.03% | 0.008% |
| 149 | 10.665 | 10.659 | 10.691 | VV | 260 | 3597 | 0.05% | 0.016% |
| 150 | 10.710 | 10.691 | 10.730 | VV | 376 | 5512 | 0.08% | 0.025% |
| 151 | 10.750 | 10.730 | 10.771 | VV | 235 | 4589 | 0.07% | 0.021% |
| 152 | 10.814 | 10.771 | 10.845 | VV | 389 | 10675 | 0.15% | 0.049% |
| 153 | 10.930 | 10.845 | 10.972 | VV | 404 | 20990 | 0.30% | 0.095% |
| 154 | 10.984 | 10.972 | 11.009 | VV | 267 | 4027 | 0.06% | 0.018% |
| 155 | 11.053 | 11.009 | 11.099 | VV | 531 | 14836 | 0.21% | 0.067% |
| 156 | 11.112 | 11.099 | 11.129 | VV | 217 | 2400 | 0.03% | 0.011% |
| 157 | 11.151 | 11.129 | 11.167 | VV | 213 | 3195 | 0.05% | 0.015% |
| 158 | 11.189 | 11.167 | 11.229 | VV | 157 | 4246 | 0.06% | 0.019% |
| 159 | 11.258 | 11.229 | 11.284 | VV | 182 | 4318 | 0.06% | 0.020% |
| 160 | 11.323 | 11.284 | 11.337 | VV | 187 | 4254 | 0.06% | 0.019% |
| 161 | 11.354 | 11.337 | 11.390 | VV | 251 | 4515 | 0.06% | 0.021% |
| 162 | 11.400 | 11.390 | 11.422 | VV | 110 | 1839 | 0.03% | 0.008% |
| 163 | 11.436 | 11.422 | 11.481 | VV | 124 | 2495 | 0.04% | 0.011% |
| 164 | 11.565 | 11.521 | 11.599 | VV | 1139 | 16742 | 0.24% | 0.076% |
| 165 | 11.634 | 11.599 | 11.690 | VV | 1585 | 24727 | 0.35% | 0.112% |
| 166 | 11.713 | 11.690 | 11.762 | VV | 408 | 9211 | 0.13% | 0.042% |
| 167 | 11.790 | 11.762 | 11.814 | VV | 125 | 2218 | 0.03% | 0.010% |
| 168 | 11.829 | 11.814 | 11.856 | VV | 153 | 2039 | 0.03% | 0.009% |
| 169 | 11.954 | 11.898 | 12.080 | PV | 640023 | 6996396 | 100.00% | 31.809% |
| 170 | 12.116 | 12.080 | 12.179 | VV | 802 | 23558 | 0.34% | 0.107% |
| 171 | 12.237 | 12.179 | 12.247 | VV | 295 | 9428 | 0.13% | 0.043% |
| 172 | 12.297 | 12.247 | 12.334 | VV | 600 | 16793 | 0.24% | 0.076% |
| 173 | 12.359 | 12.334 | 12.378 | VV | 930 | 14269 | 0.20% | 0.065% |
| 174 | 12.397 | 12.378 | 12.426 | VV | 866 | 14776 | 0.21% | 0.067% |
| 175 | 12.437 | 12.426 | 12.492 | VV | 327 | 8154 | 0.12% | 0.037% |
| 176 | 12.527 | 12.492 | 12.548 | VV | 405 | 8387 | 0.12% | 0.038% |
| 177 | 12.579 | 12.548 | 12.617 | VV | 486 | 14333 | 0.20% | 0.065% |
| 178 | 12.628 | 12.617 | 12.640 | VV | 437 | 4495 | 0.06% | 0.020% |
| 179 | 12.658 | 12.640 | 12.707 | VV | 701 | 17072 | 0.24% | 0.078% |
| 180 | 12.730 | 12.707 | 12.759 | VV | 421 | 9223 | 0.13% | 0.042% |
| 181 | 12.806 | 12.759 | 12.844 | VV | 1023 | 20130 | 0.29% | 0.092% |
| 182 | 12.884 | 12.844 | 12.915 | VV | 1644 | 27633 | 0.39% | 0.126% |
| 183 | 12.946 | 12.915 | 12.984 | VV | 1917 | 28028 | 0.40% | 0.127% |
| 184 | 13.017 | 12.984 | 13.119 | VV | 3183 | 64223 | 0.92% | 0.292% |
| 185 | 13.151 | 13.119 | 13.182 | VV | 242 | 4716 | 0.07% | 0.021% |
| 186 | 13.230 | 13.182 | 13.294 | VV | 393 | 12646 | 0.18% | 0.057% |
| 187 | 13.393 | 13.294 | 13.546 | VV | 128605 | 1659797 | 23.72% | 7.546% |
| 188 | 13.562 | 13.546 | 13.594 | VV | 553 | 12389 | 0.18% | 0.056% |
| 189 | 13.618 | 13.594 | 13.719 | VV | 724 | 24786 | 0.35% | 0.113% |
| 190 | 13.780 | 13.719 | 13.802 | VV | 444 | 14823 | 0.21% | 0.067% |
| 191 | 13.831 | 13.802 | 13.874 | VV | 427 | 14865 | 0.21% | 0.068% |
| 192 | 13.887 | 13.874 | 13.931 | VV | 273 | 7091 | 0.10% | 0.032% |
| 193 | 13.991 | 13.931 | 14.004 | VV | 327 | 11110 | 0.16% | 0.051% |
| 194 | 14.014 | 14.004 | 14.049 | VV | 298 | 6050 | 0.09% | 0.028% |

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|---|---|---|---|---|---|---|---|---|
| 195 | 14.099 | 14.049 | 14.129 | VV | 1566 | 28620 | 0.41% | 0.130% |
| 196 | 14.148 | 14.129 | 14.244 | VV | 1637 | 30280 | 0.43% | 0.138% |
| 197 | 14.264 | 14.244 | 14.291 | VV | 248 | 4365 | 0.06% | 0.020% |
| 198 | 14.299 | 14.291 | 14.318 | VV | 96 | 1059 | 0.02% | 0.005% |
| 199 | 14.384 | 14.318 | 14.406 | PV | 212 | 5040 | 0.07% | 0.023% |
| 200 | 14.413 | 14.406 | 14.429 | VV | 92 | 1085 | 0.02% | 0.005% |
| 201 | 14.446 | 14.429 | 14.467 | VV | 137 | 1746 | 0.02% | 0.008% |
| 202 | 14.484 | 14.467 | 14.494 | VV | 190 | 1673 | 0.02% | 0.008% |
| 203 | 14.502 | 14.494 | 14.527 | VV | 105 | 1895 | 0.03% | 0.009% |
| 204 | 14.591 | 14.527 | 14.682 | VV | 844 | 23421 | 0.33% | 0.106% |
| 205 | 14.715 | 14.682 | 14.733 | VV | 285 | 4891 | 0.07% | 0.022% |
| 206 | 14.793 | 14.733 | 14.944 | VV | 1247 | 63841 | 0.91% | 0.290% |
| 207 | 14.950 | 14.944 | 15.014 | VV | 290 | 8707 | 0.12% | 0.040% |
| 208 | 15.032 | 15.014 | 15.059 | VV | 264 | 5222 | 0.07% | 0.024% |
| 209 | 15.096 | 15.059 | 15.132 | VV | 346 | 8614 | 0.12% | 0.039% |
| 210 | 15.158 | 15.132 | 15.184 | VV | 287 | 5469 | 0.08% | 0.025% |
| 211 | 15.214 | 15.184 | 15.236 | VV | 1063 | 19968 | 0.29% | 0.091% |
| 212 | 15.256 | 15.236 | 15.284 | VV | 1378 | 22906 | 0.33% | 0.104% |
| 213 | 15.304 | 15.284 | 15.347 | VV | 574 | 11807 | 0.17% | 0.054% |
| 214 | 15.355 | 15.347 | 15.367 | VV | 176 | 1866 | 0.03% | 0.008% |
| 215 | 15.376 | 15.367 | 15.403 | VV | 250 | 3223 | 0.05% | 0.015% |
| 216 | 15.430 | 15.403 | 15.456 | VV | 285 | 5139 | 0.07% | 0.023% |
| 217 | 15.476 | 15.456 | 15.517 | VV | 539 | 7151 | 0.10% | 0.033% |
| 218 | 15.557 | 15.541 | 15.573 | VV | 122 | 1266 | 0.02% | 0.006% |
| 219 | 15.626 | 15.573 | 15.641 | VV | 184 | 3400 | 0.05% | 0.015% |
| 220 | 15.675 | 15.641 | 15.714 | VV | 195 | 5667 | 0.08% | 0.026% |
| 221 | 15.795 | 15.714 | 15.877 | VV | 6238 | 96802 | 1.38% | 0.440% |
| 222 | 15.909 | 15.877 | 15.972 | VV | 326 | 8260 | 0.12% | 0.038% |
| 223 | 15.993 | 15.972 | 16.037 | VV | 168 | 3935 | 0.06% | 0.018% |
| 224 | 16.042 | 16.037 | 16.071 | VV | 153 | 2221 | 0.03% | 0.010% |
| 225 | 16.079 | 16.071 | 16.117 | VV | 175 | 3563 | 0.05% | 0.016% |
| 226 | 16.136 | 16.117 | 16.196 | VV | 200 | 4697 | 0.07% | 0.021% |
| 227 | 16.240 | 16.196 | 16.262 | PV | 660 | 11373 | 0.16% | 0.052% |
| 228 | 16.280 | 16.262 | 16.312 | VV | 1167 | 18030 | 0.26% | 0.082% |
| 229 | 16.344 | 16.312 | 16.394 | VV | 252 | 5722 | 0.08% | 0.026% |
| 230 | 16.425 | 16.394 | 16.490 | VV | 186 | 5851 | 0.08% | 0.027% |
| 231 | 16.499 | 16.490 | 16.517 | PV | 130 | 1004 | 0.01% | 0.005% |
| 232 | 16.567 | 16.517 | 16.586 | PV | 135 | 3226 | 0.05% | 0.015% |
| 233 | 16.602 | 16.586 | 16.626 | VV | 119 | 1916 | 0.03% | 0.009% |
| 234 | 16.633 | 16.626 | 16.656 | VV | 138 | 1252 | 0.02% | 0.006% |
| 235 | 16.678 | 16.656 | 16.707 | VV | 170 | 2914 | 0.04% | 0.013% |
| 236 | 16.766 | 16.707 | 16.817 | VV | 776 | 16087 | 0.23% | 0.073% |
| 237 | 16.848 | 16.817 | 16.899 | VV | 1272 | 21792 | 0.31% | 0.099% |
| 238 | 16.916 | 16.899 | 16.991 | VV | 221 | 6144 | 0.09% | 0.028% |
| 239 | 17.033 | 17.005 | 17.064 | VV | 155 | 2588 | 0.04% | 0.012% |
| 240 | 17.129 | 17.096 | 17.172 | PV | 199 | 4194 | 0.06% | 0.019% |
| 241 | 17.234 | 17.172 | 17.262 | VV | 1873 | 39526 | 0.56% | 0.180% |
| 242 | 17.283 | 17.262 | 17.297 | VV | 451 | 6885 | 0.10% | 0.031% |
| 243 | 17.309 | 17.297 | 17.381 | VV | 365 | 8681 | 0.12% | 0.039% |
| 244 | 17.423 | 17.381 | 17.452 | VV | 115 | 3068 | 0.04% | 0.014% |
| 245 | 17.472 | 17.452 | 17.499 | VV | 108 | 1530 | 0.02% | 0.007% |
| 246 | 17.567 | 17.499 | 17.592 | PV | 308 | 8008 | 0.11% | 0.036% |

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|---|---|---|---|---|---|---|---|---|
| 247 | 17.601 | 17.592 | 17.612 | VV | 164 | 1678 | 0.02% | 0.008% |
| 248 | 17.687 | 17.612 | 17.744 | VV | 2287 | 39699 | 0.57% | 0.180% |
| 249 | 17.790 | 17.744 | 17.831 | VV | 235 | 7525 | 0.11% | 0.034% |
| 250 | 17.863 | 17.831 | 17.870 | VV | 120 | 1736 | 0.02% | 0.008% |
| 251 | 17.916 | 17.870 | 17.941 | VV | 209 | 4606 | 0.07% | 0.021% |
| 252 | 17.960 | 17.941 | 17.992 | VV | 149 | 2983 | 0.04% | 0.014% |
| 253 | 18.011 | 17.992 | 18.029 | VV | 95 | 1095 | 0.02% | 0.005% |
| 254 | 18.125 | 18.029 | 18.173 | PV | 2967 | 51696 | 0.74% | 0.235% |
| 255 | 18.219 | 18.173 | 18.248 | VV | 590 | 13690 | 0.20% | 0.062% |
| 256 | 18.302 | 18.248 | 18.324 | VV | 204 | 6357 | 0.09% | 0.029% |
| 257 | 18.352 | 18.324 | 18.384 | VV | 160 | 3755 | 0.05% | 0.017% |
| 258 | 18.405 | 18.384 | 18.425 | VV | 265 | 3683 | 0.05% | 0.017% |
| 259 | 18.445 | 18.425 | 18.467 | PV | 281 | 3833 | 0.05% | 0.017% |
| 260 | 18.502 | 18.467 | 18.519 | VV | 359 | 7026 | 0.10% | 0.032% |
| 261 | 18.551 | 18.519 | 18.592 | VV | 3308 | 56578 | 0.81% | 0.257% |
| 262 | 18.646 | 18.592 | 18.655 | VV | 363 | 8859 | 0.13% | 0.040% |
| 263 | 18.673 | 18.655 | 18.715 | VV | 413 | 7800 | 0.11% | 0.035% |
| 264 | 18.819 | 18.715 | 18.851 | PBA | 204 | 9162 | 0.13% | 0.042% |

Sum of corrected areas: 21994899

Aromatic EPH 102925.M Tue Nov 18 01:16:13 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112025AL\
Data File : FG016958.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2025 13:13
Operator : YP\AJ
Sample : Q3586-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
FID_G
**ClientSampleId :**
SED-3

Integration File: autoint1.e
Quant Time: Nov 20 23:49:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 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 | | | |
| 12) S 1-chlorooctadecane (S... | 13.483 | 8310854 | 69.008 ug/ml |
| Spiked Amount 50.000 | | Recovery = 138.02% | |
| Target Compounds | | | |

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

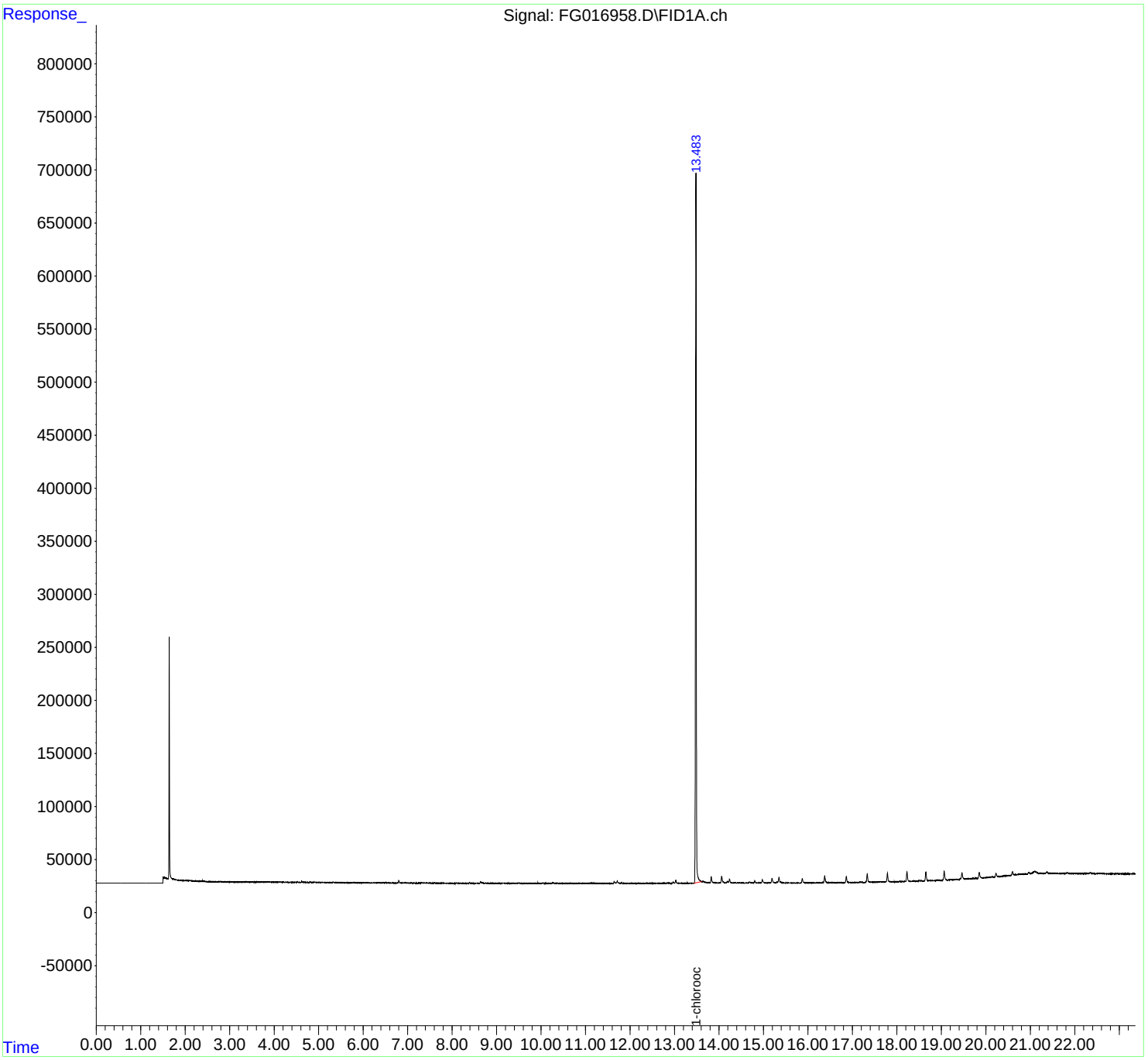
Sample Results: **FG016958.D**

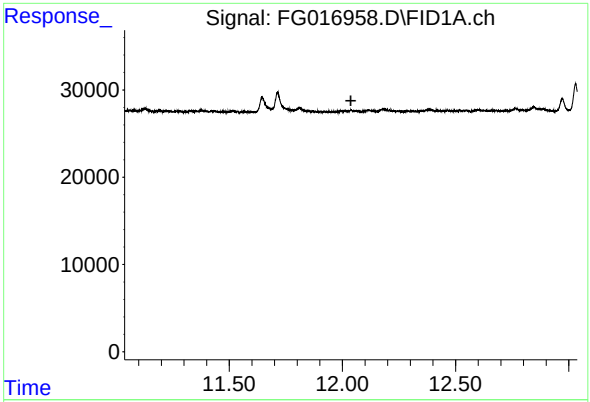
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112025AL\
Data File : FG016958.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2025 13:13
Operator : YP\AJ
Sample : Q3586-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
FID_G
**ClientSampleId :**
SED-3

Integration File: autoint1.e
Quant Time: Nov 20 23:49:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 2025
Response via : Initial Calibration
Integrator: ChemStation

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

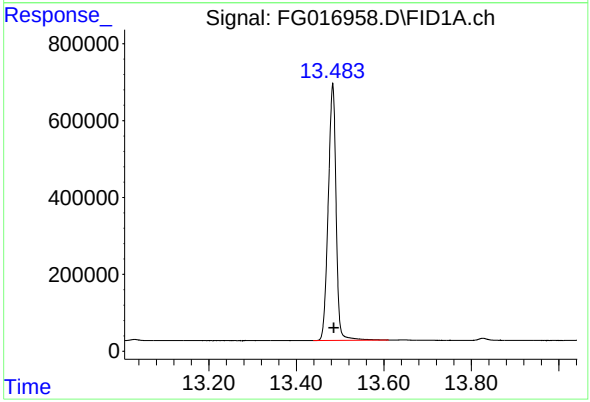





#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 12.038 min
Response: 0
Conc: N.D.

**Instrument :**
FID_G
**ClientSampleId :**
SED-3




#12 1-chlorooctadecane (SURR)

R.T.: 13.483 min
Delta R.T.: -0.002 min
Response: 8310854
Conc: 69.01 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112025AL\
Data File : FG016958.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2025 13:13
Sample : Q3586-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.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 | 3.251 | 3.221 | 3.261 | BV | 60 | 597 | 0.01% | 0.004% |
| 2 | 3.269 | 3.261 | 3.311 | PV | 82 | 1405 | 0.02% | 0.009% |
| 3 | 3.359 | 3.311 | 3.400 | VV | 405 | 7816 | 0.09% | 0.052% |
| 4 | 3.411 | 3.400 | 3.437 | VV | 129 | 1939 | 0.02% | 0.013% |
| 5 | 3.478 | 3.437 | 3.501 | VV | 151 | 4186 | 0.05% | 0.028% |
| 6 | 3.509 | 3.501 | 3.584 | VV | 151 | 6620 | 0.08% | 0.044% |
| 7 | 3.599 | 3.584 | 3.609 | VV | 177 | 2124 | 0.03% | 0.014% |
| 8 | 3.627 | 3.609 | 3.662 | VV | 202 | 4844 | 0.06% | 0.032% |
| 9 | 3.679 | 3.662 | 3.728 | VV | 182 | 5872 | 0.07% | 0.039% |
| 10 | 3.740 | 3.728 | 3.795 | VV | 177 | 5397 | 0.06% | 0.036% |
| 11 | 3.804 | 3.795 | 3.878 | VV | 187 | 7923 | 0.09% | 0.053% |
| 12 | 3.890 | 3.878 | 3.941 | VV | 200 | 5385 | 0.06% | 0.036% |
| 13 | 3.971 | 3.941 | 4.014 | VV | 203 | 5899 | 0.07% | 0.039% |
| 14 | 4.023 | 4.014 | 4.035 | VV | 146 | 1500 | 0.02% | 0.010% |
| 15 | 4.045 | 4.035 | 4.055 | VV | 163 | 1591 | 0.02% | 0.011% |
| 16 | 4.068 | 4.055 | 4.108 | VV | 181 | 3631 | 0.04% | 0.024% |
| 17 | 4.115 | 4.108 | 4.135 | VV | 153 | 2103 | 0.02% | 0.014% |
| 18 | 4.156 | 4.135 | 4.173 | VV | 257 | 3911 | 0.05% | 0.026% |
| 19 | 4.192 | 4.173 | 4.211 | VV | 324 | 4301 | 0.05% | 0.029% |
| 20 | 4.222 | 4.211 | 4.249 | VV | 138 | 2662 | 0.03% | 0.018% |
| 21 | 4.268 | 4.249 | 4.282 | VV | 255 | 3650 | 0.04% | 0.024% |
| 22 | 4.291 | 4.282 | 4.328 | VV | 168 | 3347 | 0.04% | 0.022% |
| 23 | 4.360 | 4.328 | 4.379 | VV | 262 | 5059 | 0.06% | 0.034% |
| 24 | 4.387 | 4.379 | 4.415 | VV | 192 | 2505 | 0.03% | 0.017% |
| 25 | 4.434 | 4.415 | 4.445 | VV | 175 | 2387 | 0.03% | 0.016% |
| 26 | 4.472 | 4.445 | 4.515 | VV | 210 | 6714 | 0.08% | 0.045% |
| 27 | 4.529 | 4.515 | 4.553 | VV | 460 | 6631 | 0.08% | 0.044% |
| 28 | 4.562 | 4.553 | 4.591 | VV | 204 | 2914 | 0.03% | 0.019% |
| 29 | 4.621 | 4.591 | 4.645 | VV | 944 | 13282 | 0.16% | 0.089% |
| 30 | 4.657 | 4.645 | 4.711 | VV | 307 | 8305 | 0.10% | 0.056% |
| 31 | 4.737 | 4.711 | 4.776 | VV | 277 | 7063 | 0.08% | 0.047% |

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|---|---|---|---|---|---|---|---|---|
| 32 | 4.805 | 4.776 | 4.851 | VV | 370 | 8372 | 0.10% | 0.056% |
| 33 | 4.870 | 4.851 | 4.891 | VV | 265 | 4284 | 0.05% | 0.029% |
| 34 | 4.904 | 4.891 | 4.930 | VV | 447 | 5905 | 0.07% | 0.039% |
| 35 | 4.950 | 4.930 | 5.015 | VV | 194 | 7635 | 0.09% | 0.051% |
| 36 | 5.026 | 5.015 | 5.070 | VV | 206 | 6123 | 0.07% | 0.041% |
| 37 | 5.080 | 5.070 | 5.104 | VV | 220 | 3460 | 0.04% | 0.023% |
| 38 | 5.114 | 5.104 | 5.153 | VV | 206 | 4232 | 0.05% | 0.028% |
| 39 | 5.162 | 5.153 | 5.205 | VV | 119 | 3131 | 0.04% | 0.021% |
| 40 | 5.211 | 5.205 | 5.221 | VV | 110 | 1042 | 0.01% | 0.007% |
| 41 | 5.236 | 5.221 | 5.255 | VV | 150 | 2519 | 0.03% | 0.017% |
| 42 | 5.265 | 5.255 | 5.278 | VV | 164 | 2005 | 0.02% | 0.013% |
| 43 | 5.324 | 5.278 | 5.363 | VV | 833 | 15384 | 0.18% | 0.103% |
| 44 | 5.381 | 5.363 | 5.411 | VV | 321 | 5964 | 0.07% | 0.040% |
| 45 | 5.420 | 5.411 | 5.427 | VV | 93 | 1017 | 0.01% | 0.007% |
| 46 | 5.443 | 5.427 | 5.486 | VV | 300 | 4594 | 0.05% | 0.031% |
| 47 | 5.535 | 5.486 | 5.623 | VV | 150 | 6402 | 0.08% | 0.043% |
| 48 | 5.638 | 5.623 | 5.673 | VV | 110 | 2139 | 0.03% | 0.014% |
| 49 | 5.703 | 5.673 | 5.712 | VV | 118 | 1578 | 0.02% | 0.011% |
| 50 | 5.725 | 5.712 | 5.745 | VV | 92 | 1373 | 0.02% | 0.009% |
| 51 | 5.764 | 5.745 | 5.784 | VV | 232 | 3895 | 0.05% | 0.026% |
| 52 | 5.806 | 5.784 | 5.827 | VV | 343 | 5152 | 0.06% | 0.034% |
| 53 | 5.843 | 5.827 | 5.855 | VV | 121 | 1628 | 0.02% | 0.011% |
| 54 | 5.862 | 5.855 | 5.879 | VV | 143 | 1742 | 0.02% | 0.012% |
| 55 | 5.891 | 5.879 | 5.903 | VV | 131 | 1409 | 0.02% | 0.009% |
| 56 | 5.939 | 5.903 | 5.954 | VV | 170 | 3691 | 0.04% | 0.025% |
| 57 | 5.967 | 5.954 | 5.988 | VV | 209 | 2800 | 0.03% | 0.019% |
| 58 | 6.028 | 5.988 | 6.055 | VV | 212 | 5908 | 0.07% | 0.039% |
| 59 | 6.076 | 6.055 | 6.110 | VV | 219 | 5076 | 0.06% | 0.034% |
| 60 | 6.133 | 6.110 | 6.173 | VV | 217 | 5555 | 0.07% | 0.037% |
| 61 | 6.201 | 6.173 | 6.220 | VV | 171 | 3021 | 0.04% | 0.020% |
| 62 | 6.244 | 6.220 | 6.281 | PV | 212 | 3483 | 0.04% | 0.023% |
| 63 | 6.302 | 6.281 | 6.318 | VV | 163 | 2568 | 0.03% | 0.017% |
| 64 | 6.359 | 6.318 | 6.381 | VV | 332 | 6977 | 0.08% | 0.047% |
| 65 | 6.399 | 6.381 | 6.423 | VV | 377 | 5261 | 0.06% | 0.035% |
| 66 | 6.443 | 6.423 | 6.487 | VV | 530 | 9574 | 0.11% | 0.064% |
| 67 | 6.508 | 6.487 | 6.554 | VV | 673 | 10252 | 0.12% | 0.069% |
| 68 | 6.577 | 6.554 | 6.616 | VV | 168 | 4212 | 0.05% | 0.028% |
| 69 | 6.630 | 6.616 | 6.681 | VV | 90 | 2089 | 0.02% | 0.014% |
| 70 | 6.688 | 6.681 | 6.714 | VV | 56 | 912 | 0.01% | 0.006% |
| 71 | 6.723 | 6.714 | 6.757 | PV | 78 | 853 | 0.01% | 0.006% |
| 72 | 6.802 | 6.757 | 6.864 | VV | 2527 | 38939 | 0.46% | 0.260% |
| 73 | 6.884 | 6.864 | 6.907 | VV | 253 | 5036 | 0.06% | 0.034% |
| 74 | 6.925 | 6.907 | 6.935 | VV | 256 | 3049 | 0.04% | 0.020% |
| 75 | 6.955 | 6.935 | 6.978 | VV | 436 | 7010 | 0.08% | 0.047% |
| 76 | 6.992 | 6.978 | 7.008 | VV | 186 | 2946 | 0.04% | 0.020% |
| 77 | 7.028 | 7.008 | 7.071 | VV | 275 | 6108 | 0.07% | 0.041% |
| 78 | 7.089 | 7.071 | 7.128 | VV | 191 | 3705 | 0.04% | 0.025% |
| 79 | 7.142 | 7.128 | 7.164 | VV | 138 | 1949 | 0.02% | 0.013% |

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|---|---|---|---|---|---|---|---|---|
| 80 | 7.196 | 7.164 | 7.241 | PV | 130 | 4268 | 0.05% | 0.029% |
| 81 | 7.257 | 7.241 | 7.301 | VV | 217 | 5062 | 0.06% | 0.034% |
| 82 | 7.318 | 7.301 | 7.350 | VV | 343 | 7956 | 0.09% | 0.053% |
| 83 | 7.379 | 7.350 | 7.402 | VV | 335 | 7764 | 0.09% | 0.052% |
| 84 | 7.429 | 7.402 | 7.463 | VV | 396 | 9286 | 0.11% | 0.062% |
| 85 | 7.483 | 7.463 | 7.511 | VV | 331 | 5247 | 0.06% | 0.035% |
| 86 | 7.525 | 7.511 | 7.578 | VV | 162 | 4933 | 0.06% | 0.033% |
| 87 | 7.607 | 7.578 | 7.641 | VV | 544 | 9357 | 0.11% | 0.063% |
| 88 | 7.657 | 7.641 | 7.667 | VV | 126 | 1751 | 0.02% | 0.012% |
| 89 | 7.687 | 7.667 | 7.701 | VV | 154 | 2286 | 0.03% | 0.015% |
| 90 | 7.757 | 7.701 | 7.889 | VV | 185 | 11810 | 0.14% | 0.079% |
| 91 | 7.898 | 7.889 | 7.968 | PV | 86 | 2185 | 0.03% | 0.015% |
| 92 | 7.974 | 7.968 | 7.988 | VV | 62 | 375 | 0.00% | 0.003% |
| 93 | 8.021 | 7.988 | 8.077 | VV | 209 | 4606 | 0.05% | 0.031% |
| 94 | 8.090 | 8.077 | 8.107 | VV | 203 | 2257 | 0.03% | 0.015% |
| 95 | 8.120 | 8.107 | 8.142 | VV | 161 | 2419 | 0.03% | 0.016% |
| 96 | 8.184 | 8.142 | 8.229 | VV | 171 | 4868 | 0.06% | 0.033% |
| 97 | 8.245 | 8.229 | 8.264 | VV | 75 | 1214 | 0.01% | 0.008% |
| 98 | 8.286 | 8.264 | 8.301 | VV | 104 | 1158 | 0.01% | 0.008% |
| 99 | 8.339 | 8.301 | 8.358 | PV | 150 | 2702 | 0.03% | 0.018% |
| 100 | 8.389 | 8.358 | 8.491 | VV | 681 | 13042 | 0.15% | 0.087% |
| 101 | 8.552 | 8.491 | 8.601 | PV | 200 | 6748 | 0.08% | 0.045% |
| 102 | 8.644 | 8.601 | 8.715 | VV | 1496 | 35773 | 0.42% | 0.239% |
| 103 | 8.755 | 8.715 | 8.813 | VV | 323 | 14692 | 0.17% | 0.098% |
| 104 | 8.831 | 8.813 | 8.865 | VV | 161 | 3477 | 0.04% | 0.023% |
| 105 | 8.873 | 8.865 | 8.904 | VV | 152 | 2266 | 0.03% | 0.015% |
| 106 | 8.977 | 8.904 | 9.032 | PV | 138 | 5753 | 0.07% | 0.038% |
| 107 | 9.045 | 9.032 | 9.083 | VV | 120 | 3006 | 0.04% | 0.020% |
| 108 | 9.100 | 9.083 | 9.116 | VV | 145 | 2277 | 0.03% | 0.015% |
| 109 | 9.143 | 9.116 | 9.175 | VV | 227 | 5878 | 0.07% | 0.039% |
| 110 | 9.188 | 9.175 | 9.232 | VV | 232 | 4867 | 0.06% | 0.033% |
| 111 | 9.264 | 9.232 | 9.283 | VV | 108 | 1999 | 0.02% | 0.013% |
| 112 | 9.307 | 9.283 | 9.325 | VV | 160 | 2357 | 0.03% | 0.016% |
| 113 | 9.373 | 9.325 | 9.460 | VV | 430 | 17033 | 0.20% | 0.114% |
| 114 | 9.487 | 9.460 | 9.541 | VV | 531 | 11353 | 0.13% | 0.076% |
| 115 | 9.564 | 9.541 | 9.601 | VV | 164 | 2791 | 0.03% | 0.019% |
| 116 | 9.608 | 9.601 | 9.621 | VV | 117 | 827 | 0.01% | 0.006% |
| 117 | 9.661 | 9.621 | 9.691 | VV | 165 | 4500 | 0.05% | 0.030% |
| 118 | 9.727 | 9.691 | 9.756 | VV | 183 | 4835 | 0.06% | 0.032% |
| 119 | 9.774 | 9.756 | 9.819 | VV | 208 | 3759 | 0.04% | 0.025% |
| 120 | 9.844 | 9.819 | 9.888 | PV | 236 | 4669 | 0.06% | 0.031% |
| 121 | 9.913 | 9.888 | 9.940 | VV | 121 | 2802 | 0.03% | 0.019% |
| 122 | 9.948 | 9.940 | 9.964 | VV | 45 | 609 | 0.01% | 0.004% |
| 123 | 9.992 | 9.964 | 10.014 | VV | 219 | 3696 | 0.04% | 0.025% |
| 124 | 10.040 | 10.014 | 10.084 | VV | 549 | 9374 | 0.11% | 0.063% |
| 125 | 10.098 | 10.084 | 10.132 | VV | 132 | 2717 | 0.03% | 0.018% |
| 126 | 10.140 | 10.132 | 10.161 | VV | 69 | 1049 | 0.01% | 0.007% |

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|---|---|---|---|---|---|---|---|---|
| 127 | 10.191 | 10.161 | 10.231 | VV | 237 | 5835 | 0.07% | 0.039% |
| 128 | 10.265 | 10.231 | 10.349 | VV | 874 | 23083 | 0.27% | 0.154% |
| 129 | 10.359 | 10.349 | 10.416 | VV | 168 | 4404 | 0.05% | 0.029% |
| 130 | 10.441 | 10.416 | 10.458 | VV | 139 | 1979 | 0.02% | 0.013% |
| 131 | 10.487 | 10.458 | 10.529 | VV | 207 | 4125 | 0.05% | 0.028% |
| 132 | 10.550 | 10.529 | 10.561 | VV | 94 | 1174 | 0.01% | 0.008% |
| 133 | 10.578 | 10.561 | 10.631 | VV | 109 | 2976 | 0.04% | 0.020% |
| 134 | 10.652 | 10.631 | 10.671 | VV | 208 | 3323 | 0.04% | 0.022% |
| 135 | 10.685 | 10.671 | 10.731 | VV | 155 | 3801 | 0.05% | 0.025% |
| 136 | 10.745 | 10.731 | 10.765 | VV | 159 | 2206 | 0.03% | 0.015% |
| 137 | 10.773 | 10.765 | 10.800 | VV | 105 | 1664 | 0.02% | 0.011% |
| 138 | 10.810 | 10.800 | 10.881 | VV | 131 | 4786 | 0.06% | 0.032% |
| 139 | 10.951 | 10.881 | 10.971 | VV | 232 | 7442 | 0.09% | 0.050% |
| 140 | 10.981 | 10.971 | 10.992 | VV | 253 | 2667 | 0.03% | 0.018% |
| 141 | 11.007 | 10.992 | 11.036 | VV | 335 | 6092 | 0.07% | 0.041% |
| 142 | 11.072 | 11.036 | 11.096 | VV | 207 | 6149 | 0.07% | 0.041% |
| 143 | 11.129 | 11.096 | 11.180 | VV | 404 | 11108 | 0.13% | 0.074% |
| 144 | 11.190 | 11.180 | 11.209 | VV | 203 | 2683 | 0.03% | 0.018% |
| 145 | 11.225 | 11.209 | 11.261 | VV | 174 | 3333 | 0.04% | 0.022% |
| 146 | 11.269 | 11.261 | 11.293 | VV | 134 | 1922 | 0.02% | 0.013% |
| 147 | 11.306 | 11.293 | 11.314 | VV | 98 | 1151 | 0.01% | 0.008% |
| 148 | 11.327 | 11.314 | 11.344 | VV | 179 | 2283 | 0.03% | 0.015% |
| 149 | 11.354 | 11.344 | 11.363 | VV | 136 | 1390 | 0.02% | 0.009% |
| 150 | 11.380 | 11.363 | 11.412 | VV | 201 | 4602 | 0.05% | 0.031% |
| 151 | 11.424 | 11.412 | 11.458 | VV | 174 | 2871 | 0.03% | 0.019% |
| 152 | 11.472 | 11.458 | 11.498 | VV | 104 | 1731 | 0.02% | 0.012% |
| 153 | 11.517 | 11.498 | 11.546 | VV | 154 | 2575 | 0.03% | 0.017% |
| 154 | 11.645 | 11.546 | 11.687 | PV | 1770 | 34646 | 0.41% | 0.232% |
| 155 | 11.714 | 11.687 | 11.784 | VV | 2259 | 46480 | 0.55% | 0.311% |
| 156 | 11.810 | 11.784 | 11.909 | VV | 480 | 14110 | 0.17% | 0.094% |
| 157 | 11.923 | 11.909 | 11.967 | VV | 82 | 1702 | 0.02% | 0.011% |
| 158 | 12.016 | 11.967 | 12.024 | VV | 121 | 3241 | 0.04% | 0.022% |
| 159 | 12.037 | 12.024 | 12.049 | VV | 179 | 2241 | 0.03% | 0.015% |
| 160 | 12.055 | 12.049 | 12.083 | VV | 133 | 2052 | 0.02% | 0.014% |
| 161 | 12.113 | 12.083 | 12.149 | VV | 204 | 5362 | 0.06% | 0.036% |
| 162 | 12.179 | 12.149 | 12.259 | VV | 375 | 11039 | 0.13% | 0.074% |
| 163 | 12.311 | 12.259 | 12.340 | PV | 121 | 3776 | 0.04% | 0.025% |
| 164 | 12.386 | 12.340 | 12.411 | VV | 283 | 7615 | 0.09% | 0.051% |
| 165 | 12.421 | 12.411 | 12.451 | VV | 211 | 3470 | 0.04% | 0.023% |
| 166 | 12.466 | 12.451 | 12.499 | VV | 172 | 3504 | 0.04% | 0.023% |
| 167 | 12.519 | 12.499 | 12.529 | VV | 177 | 2408 | 0.03% | 0.016% |
| 168 | 12.545 | 12.529 | 12.567 | VV | 165 | 2666 | 0.03% | 0.018% |
| 169 | 12.606 | 12.567 | 12.662 | VV | 253 | 8409 | 0.10% | 0.056% |
| 170 | 12.677 | 12.662 | 12.701 | VV | 140 | 2687 | 0.03% | 0.018% |
| 171 | 12.725 | 12.701 | 12.736 | VV | 140 | 2293 | 0.03% | 0.015% |
| 172 | 12.765 | 12.736 | 12.810 | VV | 358 | 9387 | 0.11% | 0.063% |
| 173 | 12.846 | 12.810 | 12.875 | VV | 536 | 12011 | 0.14% | 0.080% |
| 174 | 12.888 | 12.875 | 12.938 | VV | 333 | 6520 | 0.08% | 0.044% |

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|---|---|---|---|---|---|---|---|---|
| 175 | 12.971 | 12.938 | 13.001 | PV | 1459 | 21616 | 0.26% | 0.145% |
| 176 | 13.030 | 13.001 | 13.085 | VV | 3190 | 48548 | 0.58% | 0.325% |
| 177 | 13.091 | 13.085 | 13.113 | VV | 217 | 2926 | 0.03% | 0.020% |
| 178 | 13.151 | 13.113 | 13.195 | VV | 421 | 9745 | 0.12% | 0.065% |
| 179 | 13.222 | 13.195 | 13.235 | VV | 115 | 1873 | 0.02% | 0.013% |
| 180 | 13.240 | 13.235 | 13.273 | VV | 114 | 1461 | 0.02% | 0.010% |
| 181 | 13.285 | 13.273 | 13.333 | VV | 159 | 3296 | 0.04% | 0.022% |
| 182 | 13.359 | 13.333 | 13.385 | VV | 144 | 3523 | 0.04% | 0.024% |
| 183 | 13.401 | 13.385 | 13.418 | VV | 122 | 1932 | 0.02% | 0.013% |
| 184 | 13.483 | 13.418 | 13.622 | VV | 671370 | 8417200 | 100.00% | 56.271% |
| 185 | 13.645 | 13.622 | 13.741 | VV | 1998 | 83813 | 1.00% | 0.560% |
| 186 | 13.753 | 13.741 | 13.790 | VV | 754 | 20556 | 0.24% | 0.137% |
| 187 | 13.826 | 13.790 | 13.909 | VV | 6171 | 120481 | 1.43% | 0.805% |
| 188 | 13.918 | 13.909 | 13.979 | VV | 549 | 19214 | 0.23% | 0.128% |
| 189 | 13.989 | 13.979 | 14.007 | VV | 435 | 6525 | 0.08% | 0.044% |
| 190 | 14.060 | 14.007 | 14.157 | VV | 6537 | 148469 | 1.76% | 0.993% |
| 191 | 14.189 | 14.157 | 14.213 | VV | 1717 | 37195 | 0.44% | 0.249% |
| 192 | 14.237 | 14.213 | 14.400 | VV | 3929 | 89030 | 1.06% | 0.595% |
| 193 | 14.469 | 14.400 | 14.491 | VV | 314 | 14294 | 0.17% | 0.096% |
| 194 | 14.501 | 14.491 | 14.568 | VV | 289 | 10577 | 0.13% | 0.071% |
| 195 | 14.579 | 14.568 | 14.615 | VV | 224 | 5671 | 0.07% | 0.038% |
| 196 | 14.631 | 14.615 | 14.641 | VV | 207 | 2787 | 0.03% | 0.019% |
| 197 | 14.684 | 14.641 | 14.773 | VV | 1282 | 38120 | 0.45% | 0.255% |
| 198 | 14.805 | 14.773 | 14.861 | VV | 2091 | 38568 | 0.46% | 0.258% |
| 199 | 14.867 | 14.861 | 14.930 | VV | 240 | 8251 | 0.10% | 0.055% |
| 200 | 14.976 | 14.930 | 15.075 | VV | 3087 | 66404 | 0.79% | 0.444% |
| 201 | 15.091 | 15.075 | 15.114 | VV | 219 | 3975 | 0.05% | 0.027% |
| 202 | 15.128 | 15.114 | 15.142 | VV | 157 | 2023 | 0.02% | 0.014% |
| 203 | 15.192 | 15.142 | 15.281 | VV | 4421 | 94892 | 1.13% | 0.634% |
| 204 | 15.307 | 15.281 | 15.323 | VV | 1043 | 18474 | 0.22% | 0.124% |
| 205 | 15.349 | 15.323 | 15.382 | VV | 5463 | 88679 | 1.05% | 0.593% |
| 206 | 15.395 | 15.382 | 15.479 | VV | 996 | 20284 | 0.24% | 0.136% |
| 207 | 15.485 | 15.479 | 15.498 | VV | 112 | 929 | 0.01% | 0.006% |
| 208 | 15.517 | 15.498 | 15.600 | VV | 216 | 7821 | 0.09% | 0.052% |
| 209 | 15.622 | 15.600 | 15.666 | VV | 148 | 2346 | 0.03% | 0.016% |
| 210 | 15.690 | 15.666 | 15.708 | PV | 107 | 1158 | 0.01% | 0.008% |
| 211 | 15.774 | 15.708 | 15.834 | VV | 194 | 5213 | 0.06% | 0.035% |
| 212 | 15.873 | 15.834 | 15.972 | VV | 4190 | 72725 | 0.86% | 0.486% |
| 213 | 15.979 | 15.972 | 16.005 | VV | 78 | 1066 | 0.01% | 0.007% |
| 214 | 16.042 | 16.005 | 16.060 | VV | 95 | 2143 | 0.03% | 0.014% |
| 215 | 16.115 | 16.060 | 16.124 | PV | 76 | 1507 | 0.02% | 0.010% |
| 216 | 16.144 | 16.124 | 16.169 | PV | 99 | 1669 | 0.02% | 0.011% |
| 217 | 16.197 | 16.169 | 16.222 | VV | 195 | 3442 | 0.04% | 0.023% |
| 218 | 16.242 | 16.222 | 16.293 | VV | 155 | 4122 | 0.05% | 0.028% |
| 219 | 16.306 | 16.293 | 16.318 | VV | 136 | 1388 | 0.02% | 0.009% |
| 220 | 16.339 | 16.318 | 16.349 | VV | 492 | 6213 | 0.07% | 0.042% |
| 221 | 16.377 | 16.349 | 16.461 | VV | 6555 | 113234 | 1.35% | 0.757% |

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| 222 | 16.473 | 16.461 | 16.500 | VV | 255 | 3873 | 0.05% | 0.026% |
| 223 | 16.515 | 16.500 | 16.573 | VV | 254 | 5815 | 0.07% | 0.039% |
| 224 | 16.585 | 16.573 | 16.607 | VV | 116 | 1577 | 0.02% | 0.011% |
| 225 | 16.689 | 16.607 | 16.718 | VV | 275 | 7309 | 0.09% | 0.049% |
| 226 | 16.736 | 16.718 | 16.788 | VV | 225 | 4575 | 0.05% | 0.031% |
| 227 | 16.864 | 16.788 | 16.966 | PV | 5918 | 101573 | 1.21% | 0.679% |
| 228 | 16.995 | 16.966 | 17.015 | VV | 123 | 2796 | 0.03% | 0.019% |
| 229 | 17.032 | 17.015 | 17.110 | VV | 170 | 5757 | 0.07% | 0.038% |
| 230 | 17.168 | 17.110 | 17.190 | VV | 270 | 6124 | 0.07% | 0.041% |
| 231 | 17.216 | 17.190 | 17.252 | VV | 301 | 6110 | 0.07% | 0.041% |
| 232 | 17.333 | 17.252 | 17.414 | VV | 7933 | 137971 | 1.64% | 0.922% |
| 233 | 17.427 | 17.414 | 17.455 | VV | 180 | 3967 | 0.05% | 0.027% |
| 234 | 17.458 | 17.455 | 17.488 | VV | 162 | 2176 | 0.03% | 0.015% |
| 235 | 17.496 | 17.488 | 17.512 | VV | 143 | 1251 | 0.01% | 0.008% |
| 236 | 17.554 | 17.512 | 17.597 | VV | 162 | 5041 | 0.06% | 0.034% |
| 237 | 17.624 | 17.597 | 17.651 | VV | 355 | 6483 | 0.08% | 0.043% |
| 238 | 17.674 | 17.651 | 17.694 | PV | 259 | 3577 | 0.04% | 0.024% |
| 239 | 17.725 | 17.694 | 17.744 | VV | 202 | 3909 | 0.05% | 0.026% |
| 240 | 17.787 | 17.744 | 17.862 | VV | 8301 | 138948 | 1.65% | 0.929% |
| 241 | 17.888 | 17.862 | 17.968 | VV | 313 | 11722 | 0.14% | 0.078% |
| 242 | 17.973 | 17.968 | 17.981 | VV | 113 | 681 | 0.01% | 0.005% |
| 243 | 17.990 | 17.981 | 18.027 | VV | 158 | 3072 | 0.04% | 0.021% |
| 244 | 18.069 | 18.027 | 18.096 | VV | 565 | 11053 | 0.13% | 0.074% |
| 245 | 18.116 | 18.096 | 18.150 | VV | 290 | 5194 | 0.06% | 0.035% |
| 246 | 18.226 | 18.150 | 18.324 | PV | 9360 | 165168 | 1.96% | 1.104% |
| 247 | 18.373 | 18.324 | 18.431 | VV | 618 | 18772 | 0.22% | 0.125% |
| 248 | 18.500 | 18.431 | 18.525 | VV | 677 | 13881 | 0.16% | 0.093% |
| 249 | 18.550 | 18.525 | 18.583 | VV | 701 | 11251 | 0.13% | 0.075% |
| 250 | 18.609 | 18.583 | 18.620 | VV | 282 | 3037 | 0.04% | 0.020% |
| 251 | 18.651 | 18.620 | 18.719 | VV | 8596 | 144758 | 1.72% | 0.968% |
| 252 | 18.744 | 18.719 | 18.775 | VV | 669 | 12096 | 0.14% | 0.081% |
| 253 | 18.808 | 18.775 | 18.833 | VV | 144 | 3531 | 0.04% | 0.024% |
| 254 | 18.839 | 18.833 | 18.846 | PV | 46 | 179 | 0.00% | 0.001% |
| 255 | 18.915 | 18.846 | 18.942 | VV | 755 | 14342 | 0.17% | 0.096% |
| 256 | 18.961 | 18.942 | 18.990 | VV | 334 | 4905 | 0.06% | 0.033% |
| 257 | 19.064 | 18.990 | 19.143 | PV | 8656 | 153650 | 1.83% | 1.027% |
| 258 | 19.214 | 19.143 | 19.261 | VV | 454 | 19345 | 0.23% | 0.129% |
| 259 | 19.320 | 19.261 | 19.348 | VV | 582 | 16271 | 0.19% | 0.109% |
| 260 | 19.365 | 19.348 | 19.401 | VV | 528 | 10337 | 0.12% | 0.069% |
| 261 | 19.464 | 19.401 | 19.550 | VV | 6514 | 147519 | 1.75% | 0.986% |
| 262 | 19.636 | 19.550 | 19.681 | VV | 726 | 39448 | 0.47% | 0.264% |
| 263 | 19.712 | 19.681 | 19.734 | VV | 894 | 21607 | 0.26% | 0.144% |
| 264 | 19.757 | 19.734 | 19.788 | VV | 711 | 18591 | 0.22% | 0.124% |
| 265 | 19.853 | 19.788 | 19.941 | VV | 6204 | 156690 | 1.86% | 1.048% |
| 266 | 19.999 | 19.941 | 20.011 | VV | 903 | 33478 | 0.40% | 0.224% |
| 267 | 20.035 | 20.011 | 20.065 | VV | 936 | 27850 | 0.33% | 0.186% |
| 268 | 20.093 | 20.065 | 20.115 | VV | 1234 | 32248 | 0.38% | 0.216% |
| 269 | 20.140 | 20.115 | 20.190 | VV | 1463 | 51471 | 0.61% | 0.344% |

rteres

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 270 | 20.229 | 20.190 | 20.266 | VV | 4571 | 107566 | 1.28% | 0.719% |
| 271 | 20.283 | 20.266 | 20.308 | VV | 1485 | 34566 | 0.41% | 0.231% |
| 272 | 20.412 | 20.308 | 20.429 | VV | 1688 | 109429 | 1.30% | 0.732% |
| 273 | 20.466 | 20.429 | 20.482 | VV | 1858 | 54949 | 0.65% | 0.367% |
| 274 | 20.510 | 20.482 | 20.541 | VV | 2043 | 66975 | 0.80% | 0.448% |
| 275 | 20.599 | 20.541 | 20.635 | VV | 5341 | 170451 | 2.03% | 1.139% |
| 276 | 20.659 | 20.635 | 20.698 | VV | 2627 | 94318 | 1.12% | 0.631% |
| 277 | 20.877 | 20.698 | 20.908 | VV | 2875 | 335380 | 3.98% | 2.242% |
| 278 | 20.966 | 20.908 | 21.008 | VV | 4232 | 187723 | 2.23% | 1.255% |
| 279 | 21.100 | 21.008 | 21.191 | VV | 4787 | 396281 | 4.71% | 2.649% |
| 280 | 21.214 | 21.191 | 21.255 | VV | 2844 | 105127 | 1.25% | 0.703% |
| 281 | 21.278 | 21.255 | 21.318 | VV | 2594 | 93370 | 1.11% | 0.624% |
| 282 | 21.373 | 21.318 | 21.435 | VV | 3773 | 195352 | 2.32% | 1.306% |
| 283 | 21.438 | 21.435 | 21.461 | VV | 2502 | 36132 | 0.43% | 0.242% |
| 284 | 21.481 | 21.461 | 21.521 | VV | 2227 | 76384 | 0.91% | 0.511% |
| 285 | 21.532 | 21.521 | 21.568 | VV | 2095 | 57252 | 0.68% | 0.383% |
| 286 | 21.581 | 21.568 | 21.597 | VV | 2045 | 34234 | 0.41% | 0.229% |
| 287 | 21.607 | 21.597 | 21.675 | VV | 1916 | 84602 | 1.01% | 0.566% |
| 288 | 21.725 | 21.675 | 21.789 | VV | 1740 | 112949 | 1.34% | 0.755% |
| 289 | 21.833 | 21.789 | 21.918 | VV | 1999 | 122103 | 1.45% | 0.816% |
| 290 | 21.929 | 21.918 | 22.072 | VV | 1296 | 101162 | 1.20% | 0.676% |
| 291 | 22.081 | 22.072 | 22.118 | VV | 931 | 23774 | 0.28% | 0.159% |
| 292 | 22.144 | 22.118 | 22.181 | VV | 849 | 29045 | 0.35% | 0.194% |
| 293 | 22.207 | 22.181 | 22.268 | VV | 682 | 31735 | 0.38% | 0.212% |
| 294 | 22.281 | 22.268 | 22.298 | VV | 480 | 8300 | 0.10% | 0.055% |
| 295 | 22.351 | 22.298 | 22.487 | VV | 1147 | 54571 | 0.65% | 0.365% |
| 296 | 22.496 | 22.487 | 22.501 | PBA | 53 | 8196 | 0.10% | 0.055% |

Sum of corrected areas: 14958429

Aliphatic EPH 102925.M Fri Nov 21 00:24:17 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
Data File : FF016719.D
Signal(s) : FID2B.ch
Acq On : 17 Nov 2025 16:34
Operator : YP\AJ
Sample : PB170577BL
Misc :
ALS Vial : 73 Sample Multiplier: 1

**Instrument :**
FID_F
**ClientSampleId :**
PB170577BL

Integration File: autoint1.e
Quant Time: Nov 18 00:32:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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

| Compound | R.T. | Response | Conc Units |
|---|---|---|---|
| System Monitoring Compounds | | | |
| 4) S 2-Bromonaphthalene (S... | 8.002 | 5732178 | 50.583 ug/ml |
| Spiked Amount 50.000 | | Recovery = 101.17% | |
| 6) S 2-Flurobiphenyl (SURR) | 8.879 | 3797616 | 53.247 ug/ml |
| Spiked Amount 50.000 | Range 0 - 131 | Recovery = 106.49% | |
| 11) S ortho-Terphenyl (SURR) | 11.949 | 5908012 | 40.231 ug/ml |
| Spiked Amount 50.000 | | Recovery = 80.46% | |
| Target Compounds | | | |

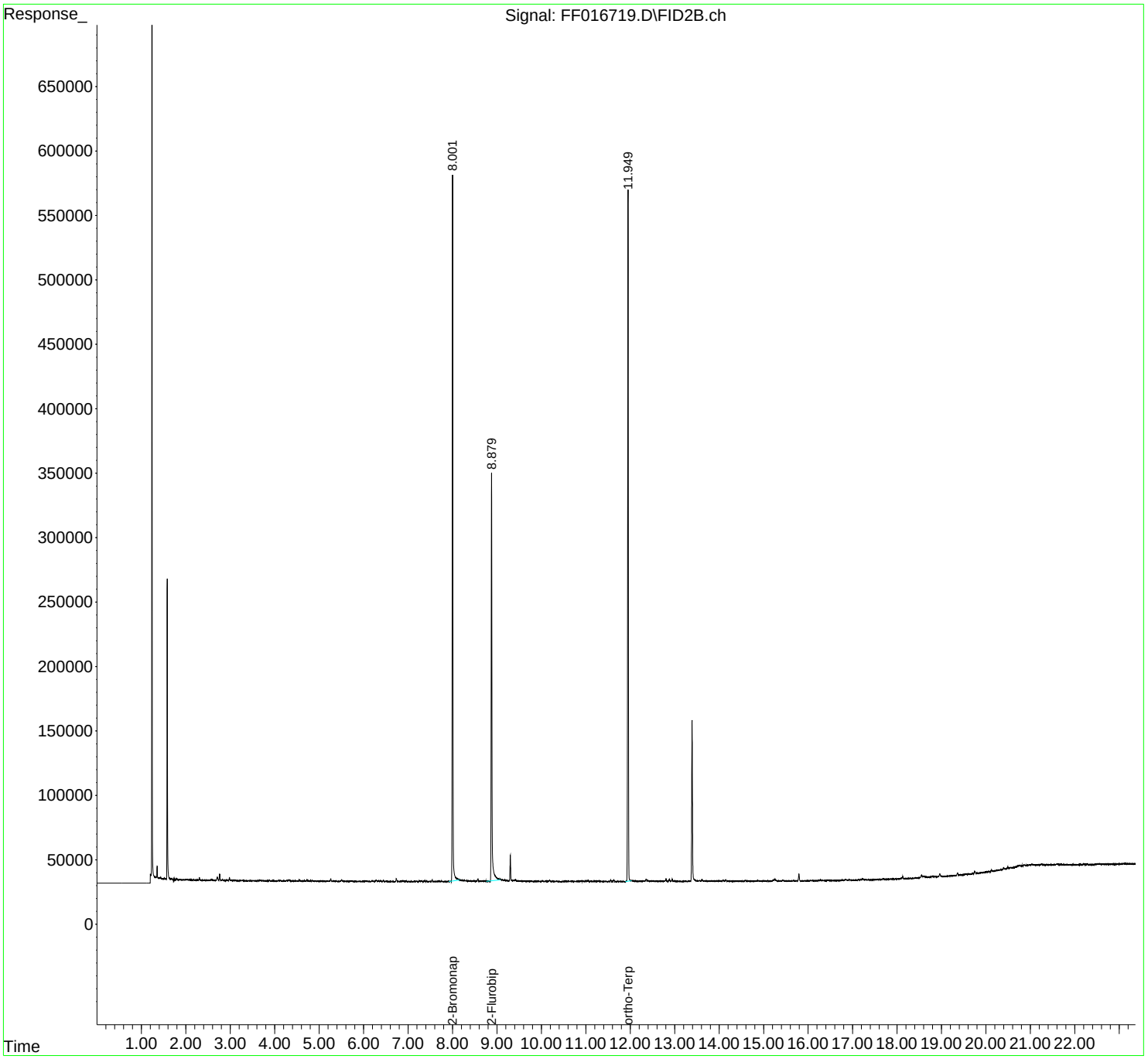
(f)=RT Delta > 1/2 Window (m)=manual int.

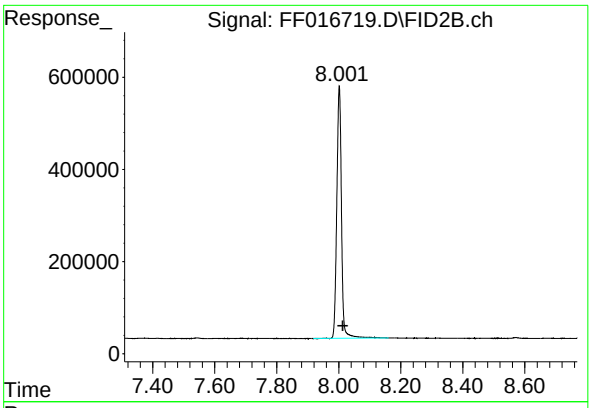
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
Data File : FF016719.D
Signal(s) : FID2B.ch
Acq On : 17 Nov 2025 16:34
Operator : YP\AJ
Sample : PB170577BL
Misc :
ALS Vial : 73 Sample Multiplier: 1

**Instrument :**
FID_F
**ClientSampleId :**
PB170577BL

Integration File: autoint1.e
Quant Time: Nov 18 00:32:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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

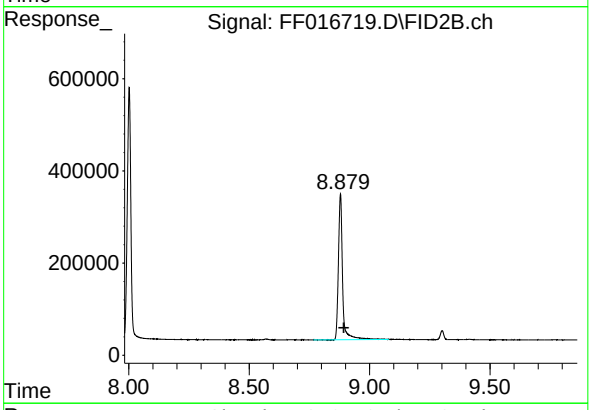





#4 2-Bromonaphthalene (SURR)

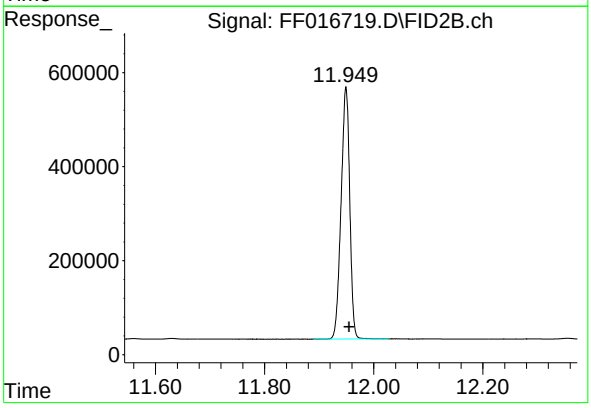
R.T.: 8.002 min
Delta R.T.: -0.011 min
Response: 5732178
Conc: 50.58 ug/ml

**Instrument :**
FID_F
**ClientSampleId :**
PB170577BL




#6 2-Flurobiphenyl (SURR)

R.T.: 8.879 min
Delta R.T.: -0.014 min
Response: 3797616
Conc: 53.25 ug/ml




#11 ortho-Terphenyl (SURR)

R.T.: 11.949 min
Delta R.T.: -0.006 min
Response: 5908012
Conc: 40.23 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
Data File : FF016719.D
Signal(s) : FID2B.ch
Acq On : 17 Nov 2025 16:34
Sample : PB170577BL
Misc :
ALS Vial : 73 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Title : GC Extractables

Signal : FID2B.ch

| peak # | R.T. min | Start min | End min | PK TY | peak height | peak area | peak % max. | % of total |
|---|---|---|---|---|---|---|---|---|
| 1 | 8.002 | 7.917 | 8.161 | BB | 549443 | 5732178 | 97.02% | 37.131% |
| 2 | 8.879 | 8.766 | 9.079 | BB | 316707 | 3797616 | 64.28% | 24.599% |
| 3 | 11.949 | 11.889 | 12.027 | BB | 535848 | 5908012 | 100.00% | 38.270% |
| | | | Sum of corrected areas: | | | 15437807 | | |

Aromatic EPH 102925.M Tue Nov 18 01:11:45 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112025AL\
Data File : FG016957.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2025 11:09
Operator : YP\AJ
Sample : PB170577BL
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
FID_G
**ClientSampleId :**
PB170577BL

Integration File: autoint1.e
Quant Time: Nov 20 23:49:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 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 | | | |
| 12) S 1-chlorooctadecane (S... | 13.478 | 2987792 | 24.809 ug/ml |
| Spiked Amount 50.000 | | Recovery = 49.62% | |
| Target Compounds | | | |

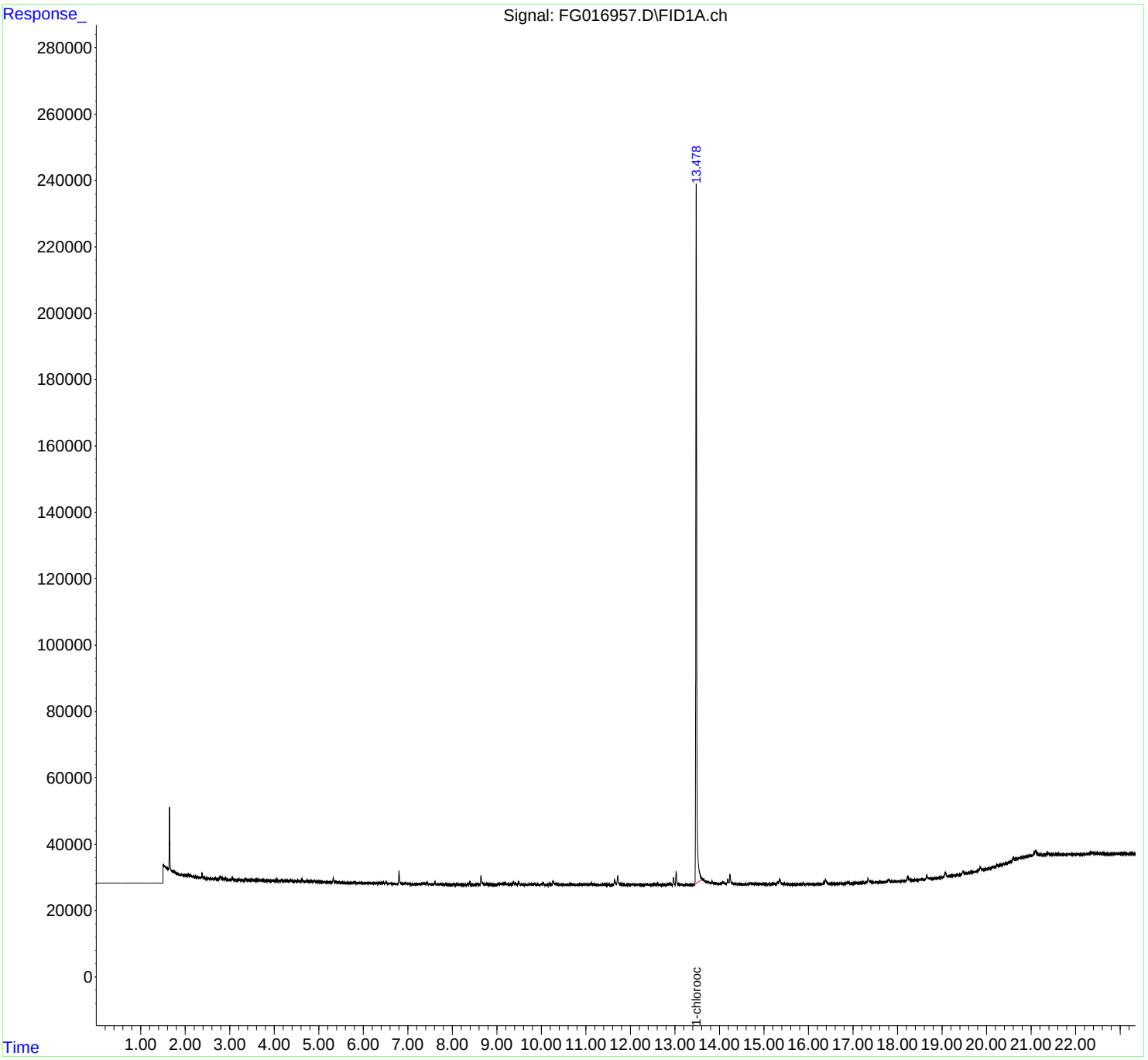
(f)=RT Delta > 1/2 Window (m)=manual int.

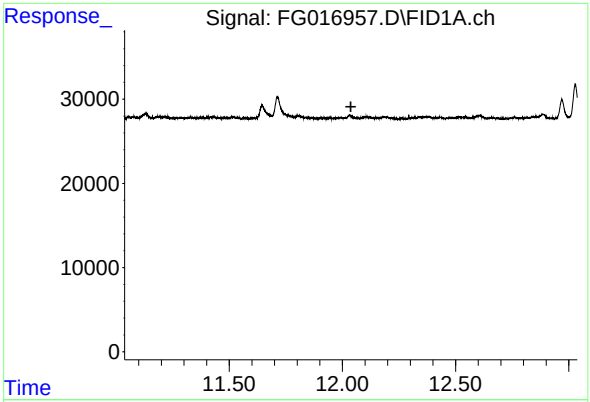
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112025AL\
Data File : FG016957.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2025 11:09
Operator : YP\AJ
Sample : PB170577BL
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
FID_G
**ClientSampleId :**
PB170577BL

Integration File: autoint1.e
Quant Time: Nov 20 23:49:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 2025
Response via : Initial Calibration
Integrator: ChemStation

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

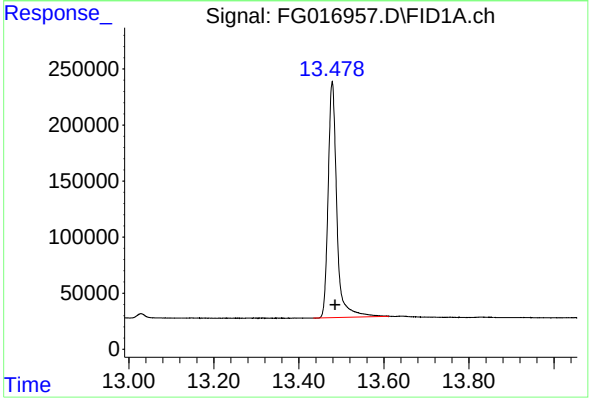





#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 12.038 min
Response: 0
Conc: N.D.

**Instrument :**
FID_G
**ClientSampleId :**
PB170577BL




#12 1-chlorooctadecane (SURR)

R.T.: 13.478 min
Delta R.T.: -0.007 min
Response: 2987792
Conc: 24.81 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112025AL\
Data File : FG016957.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2025 11:09
Sample : PB170577BL
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.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 | 13.478 | 13.434 | 13.611 | BB | 210899 | 2987792 | 100.00% | 100.000% |

Sum of corrected areas: 2987792

Aliphatic EPH 102925.M Fri Nov 21 00:22:10 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
Data File : FF016717.D
Signal(s) : FID2B.ch
Acq On : 17 Nov 2025 15:00
Operator : YP\AJ
Sample : PB170577BS
Misc :
ALS Vial : 71 Sample Multiplier: 1

**Instrument :**
FID_F
**ClientSampleId :**
PB170577BS

Integration File: autoint1.e
Quant Time: Nov 21 05:49:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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

| | Compound | R.T. | Response | Conc Units |
|---|---|---|---|---|
| | **System Monitoring Compounds** | | | |
| 4) S | 2-Bromonaphthalene (S... | 8.005 | 6657703 | 58.751 ug/ml |
| Spiked Amount | 50.000 | | Recovery = | 117.50% |
| 6) S | 2-Flurobiphenyl (SURR) | 8.883 | 4257234 | 59.691 ug/ml |
| Spiked Amount | 50.000 Range | 0 - 131 | Recovery = | 119.38% |
| 11) S | ortho-Terphenyl (SURR) | 11.951 | 6379745 | 43.443 ug/ml |
| Spiked Amount | 50.000 | | Recovery = | 86.89% |
| | **Target Compounds** | | | |
| 1) T | 1,2,3-Trimethylbenzen... | 4.595 | 4831557 | 36.704 ug/ml |
| 2) T | Naphthalene (C11.7) | 6.273 | 5570293 | 42.106 ug/ml |
| 3) T | 2-Methylnaphthalene (... | 7.374 | 5383004 | 40.493 ug/ml |
| 5) T | Acenaphthylene (C15.06) | 8.682 | 6059932 | 44.854 ug/ml |
| 7) T | Acenaphthene (C15.5) | 8.982 | 6180754 | 44.964 ug/ml |
| 8) T | Flouorene (C16.55) | 9.772 | 6201730 | 47.636 ug/ml |
| 9) T | Phenanthrene (C19.36) | 11.183 | 6127707 | 46.342 ug/ml |
| 10) T | Anthracene (C19.43) | 11.258 | 5794931 | 42.764 ug/ml |
| 12) T | Fluoranthene (C21.85) | 13.008 | 6113638 | 44.548 ug/ml |
| 13) T | Pyrene (C20.8) | 13.308 | 6077051 | 44.343 ug/ml |
| 14) T | Benzo[a]anthracene (C... | 15.195 | 5600897 | 49.178 ug/ml |
| 15) T | Chrysene (C27.41) | 15.240 | 6746858 | 47.811 ug/ml |
| 16) T | benzo[b]fluoranthene ... | 16.761 | 5601581 | 50.402 ug/ml |
| 17) T | Bnezo[k]fluoranthene ... | 16.795 | 5745237 | 47.036 ug/ml |
| 18) T | Benzo[a]pyrene (C31.34) | 17.143 | 5537035 | 50.451 ug/ml |
| 19) T | Indeno[1,2,3-cd]pyren... | 18.524 | 6016839 | 69.921 ug/ml |
| 20) T | Dibenz[a,h]anthracene... | 18.562 | 5648547 | 42.891 ug/ml |
| 21) T | Benzo[g,h,i]perylene ... | 18.782 | 5812758 | 54.852 ug/ml |

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

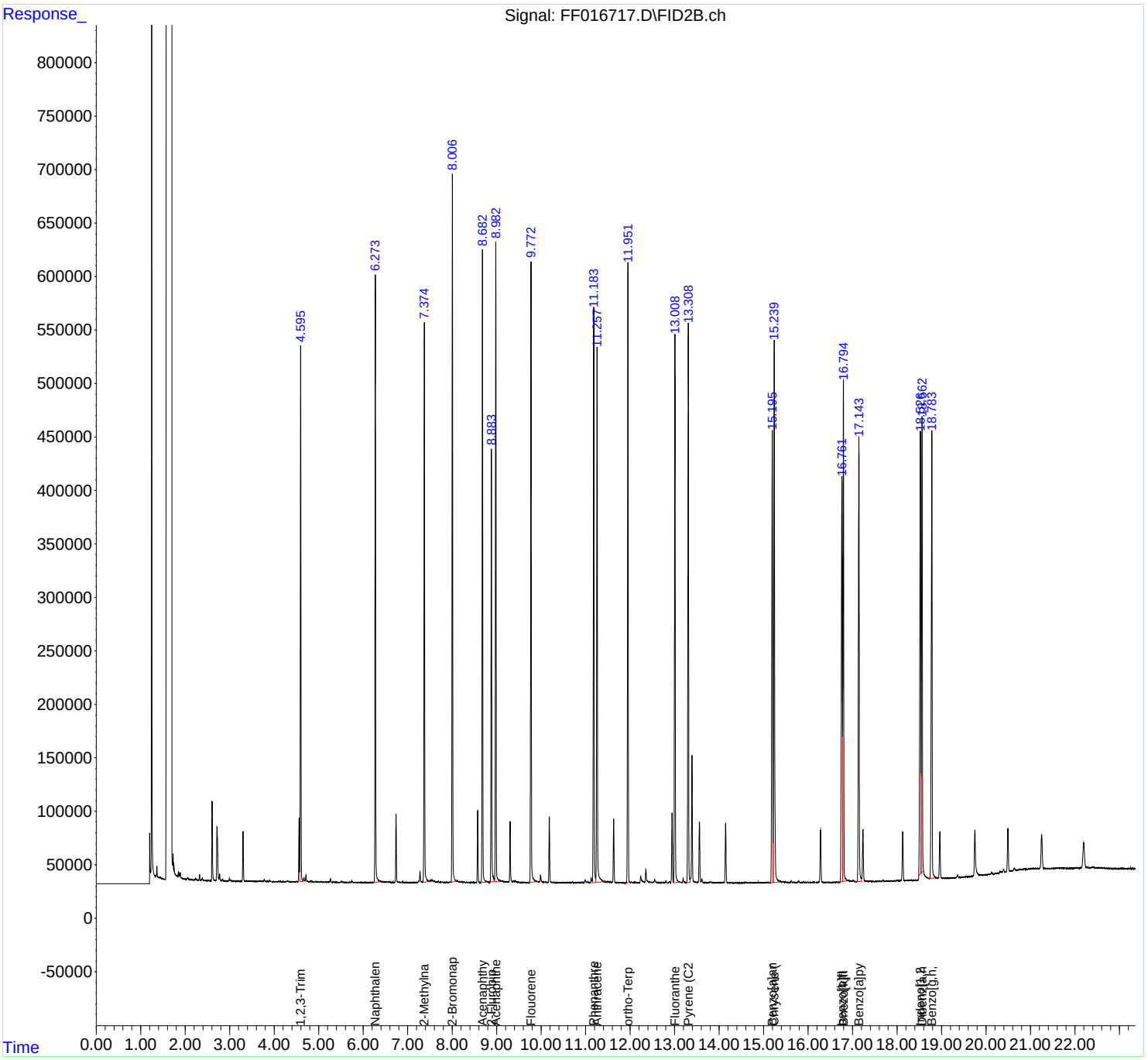
Sample Results: **FF016717.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
Data File : FF016717.D
Signal(s) : FID2B.ch
Acq On : 17 Nov 2025 15:00
Operator : YP\AJ
Sample : PB170577BS
Misc :
ALS Vial : 71 Sample Multiplier: 1

**Instrument :**
FID_F
**ClientSampleId :**
PB170577BS

Integration File: autoint1.e
Quant Time: Nov 21 05:49:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
Data File : FF016717.D
Signal(s) : FID2B.ch
Acq On : 17 Nov 2025 15:00
Sample : PB170577BS
Misc :
ALS Vial : 71 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Title : GC Extractables

Signal : FID2B.ch

| peak # | R.T. min | Start min | End min | PK TY | peak height | peak area | peak % max. | % of total |
|---|---|---|---|---|---|---|---|---|
| 1 | 4.595 | 4.574 | 4.650 | VV | 501419 | 4831557 | 71.61% | 3.949% |
| 2 | 6.273 | 6.214 | 6.415 | BB | 570064 | 5570293 | 82.56% | 4.553% |
| 3 | 7.374 | 7.334 | 7.499 | PV | 523162 | 5383004 | 79.79% | 4.400% |
| 4 | 8.005 | 7.973 | 8.097 | PB | 662404 | 6657703 | 98.68% | 5.442% |
| 5 | 8.682 | 8.634 | 8.794 | BB | 591962 | 6059932 | 89.82% | 4.953% |
| 6 | 8.883 | 8.824 | 8.950 | BV | 403159 | 4257234 | 63.10% | 3.480% |
| 7 | 8.982 | 8.950 | 9.102 | VB | 598036 | 6180754 | 91.61% | 5.052% |
| 8 | 9.772 | 9.705 | 9.922 | BB | 579847 | 6201730 | 91.92% | 5.069% |
| 9 | 11.183 | 11.140 | 11.227 | VV | 532082 | 6127707 | 90.82% | 5.009% |
| 10 | 11.258 | 11.227 | 11.422 | VB | 500712 | 5794931 | 85.89% | 4.737% |
| 11 | 11.951 | 11.889 | 12.009 | BB | 579974 | 6379745 | 94.56% | 5.215% |
| 12 | 13.008 | 12.972 | 13.130 | VB | 513847 | 6113638 | 90.61% | 4.997% |
| 13 | 13.308 | 13.245 | 13.347 | BV | 524917 | 6077051 | 90.07% | 4.967% |
| 14 | 15.195 | 15.127 | 15.215 | BV | 422348 | 5600897 | 83.01% | 4.578% |
| 15 | 15.240 | 15.215 | 15.400 | VB | 506847 | 6746858 | 100.00% | 5.515% |
| 16 | 16.761 | 16.684 | 16.777 | BV | 377623 | 5601581 | 83.03% | 4.579% |
| 17 | 16.795 | 16.777 | 16.882 | VV | 467995 | 5745237 | 85.15% | 4.696% |
| 18 | 17.143 | 17.077 | 17.202 | BV | 414452 | 5537035 | 82.07% | 4.526% |
| 19 | 18.524 | 18.487 | 18.540 | BV | 410687 | 6016839 | 89.18% | 4.918% |
| 20 | 18.562 | 18.540 | 18.595 | VBA | 423602 | 5648547 | 83.72% | 4.617% |
| 21 | 18.782 | 18.700 | 18.907 | BB | 418424 | 5812758 | 86.16% | 4.751% |

Sum of corrected areas: 122345031

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111725AL\
Data File : FG016927.D
Signal(s) : FID1A.ch
Acq On : 17 Nov 2025 17:03
Operator : YP\AJ
Sample : PB170577BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
FID_G
**ClientSampleId :**
PB170577BS

Integration File: autoint1.e
Quant Time: Nov 18 01:21:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 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 | | | |
| 12) S | 1-chlorooctadecane (S... | 13.480 | 2963779 | 24.609 ug/ml |
| Spiked Amount | 50.000 | | Recovery = | 49.22% |
| | Target Compounds | | | |
| 1) T | n-Nonane (C9) | 3.359 | 2804944 | 22.514 ug/ml |
| 2) T | n-Decane (C10) | 4.620 | 3435300 | 26.833 ug/ml |
| 4) T | n-Dodecane (C12) | 6.801 | 3957455 | 30.352 ug/ml |
| 6) T | n-Tetradecane (C14) | 8.641 | 4364637 | 34.164 ug/ml |
| 7) T | n-Hexadecane (C16) | 10.260 | 4923717 | 37.263 ug/ml |
| 8) T | n-Octadecane (C18) | 11.713 | 5489405 | 39.391 ug/ml |
| 10) T | n-Eicosane (C20) | 13.033 | 5876850 | 42.044 ug/ml |
| 11) T | n-Heneicosane (C21) | 13.650 | 5925713 | 42.621 ug/ml |
| 13) T | n-Docosane (C22) | 14.241 | 5941144 | 41.993 ug/ml |
| 14) T | n-Tetracosane (C24) | 15.352 | 5894260 | 40.089 ug/ml |
| 15) T | n-Hexacosane (C26) | 16.380 | 5722039 | 39.003 ug/ml |
| 16) T | n-Octacosane (C28) | 17.338 | 5504927 | 37.395 ug/ml |
| 17) T | n-Tricontane (C30) | 18.230 | 5160890 | 34.107 ug/ml |
| 18) T | n-Dotriacontane (C32) | 19.068 | 4912630 | 33.327 ug/ml |
| 19) T | n-Tetratriacontane (C34) | 19.857 | 4732259 | 36.722 ug/ml |
| 20) T | n-Hexatriacontane (C36) | 20.602 | 4515036 | 43.622 ug/ml |
| 21) T | n-Octatriacontane (C38) | 21.377 | 4466309 | 50.661 ug/ml |
| 22) T | n-Tetracontane (C40) | 22.361 | 4365526 | 55.754 ug/ml |

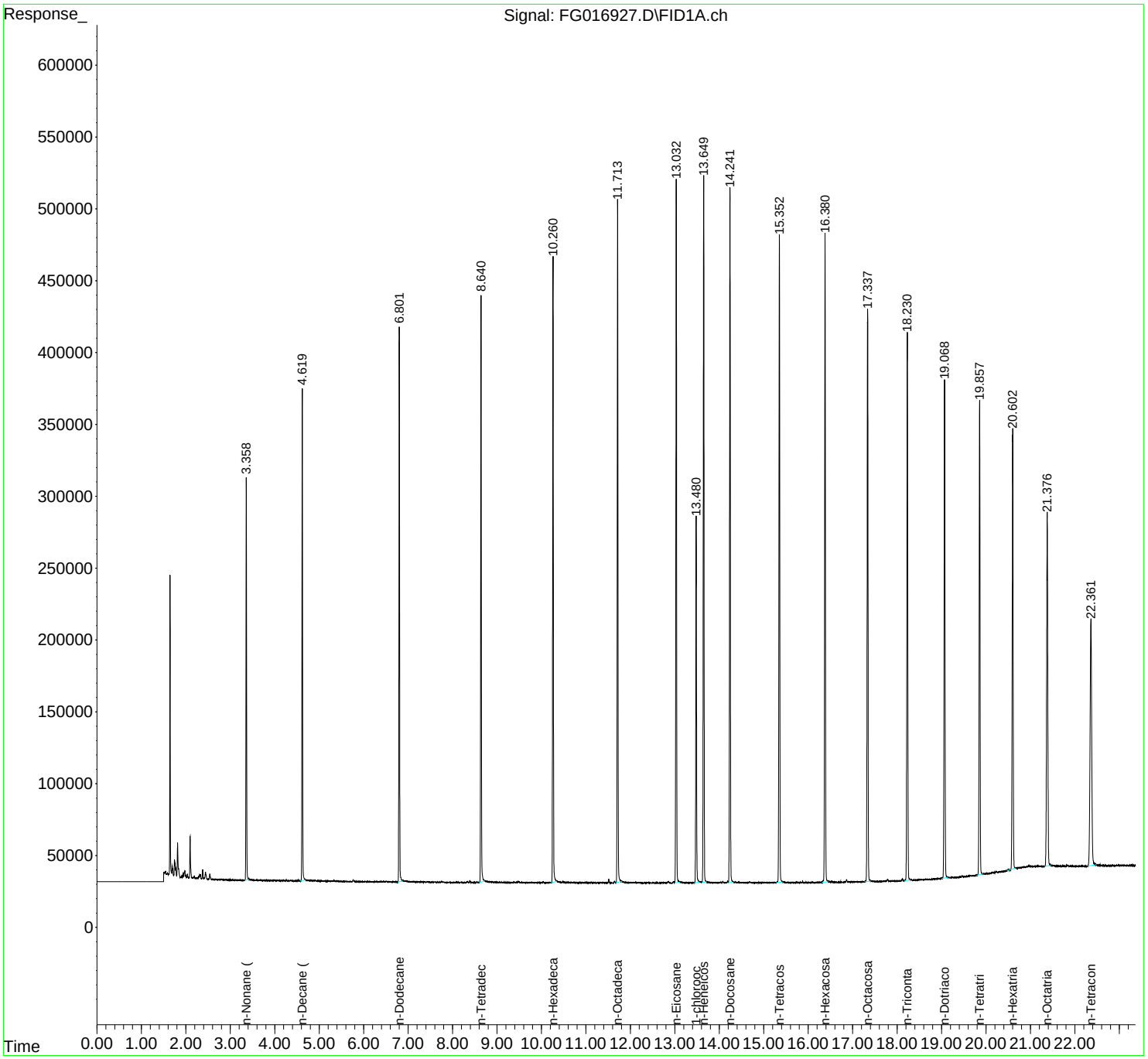
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111725AL\
Data File : FG016927.D
Signal(s) : FID1A.ch
Acq On : 17 Nov 2025 17:03
Operator : YP\AJ
Sample : PB170577BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
FID_G
**ClientSampleId :**
PB170577BS

Integration File: autoint1.e
Quant Time: Nov 18 01:21:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111725AL\
Data File : FG016927.D
Signal(s) : FID1A.ch
Acq On : 17 Nov 2025 17:03
Sample : PB170577BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.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 | 3.359 | 3.320 | 3.423 | BB | 279917 | 2804944 | 47.21% | 3.084% |
| 2 | 4.620 | 4.576 | 4.697 | BB | 341925 | 3435300 | 57.82% | 3.777% |
| 3 | 6.801 | 6.767 | 6.882 | BB | 386110 | 3957455 | 66.61% | 4.351% |
| 4 | 8.641 | 8.598 | 8.730 | BB | 407525 | 4364637 | 73.46% | 4.799% |
| 5 | 10.260 | 10.212 | 10.350 | BB | 435418 | 4923717 | 82.87% | 5.413% |
| 6 | 11.713 | 11.668 | 11.804 | BB | 474436 | 5489405 | 92.40% | 6.035% |
| 7 | 13.033 | 12.993 | 13.112 | BB | 489242 | 5876850 | 98.92% | 6.461% |
| 8 | 13.480 | 13.434 | 13.561 | BB | 254805 | 2963779 | 49.89% | 3.258% |
| 9 | 13.650 | 13.612 | 13.716 | BB | 491323 | 5925713 | 99.74% | 6.515% |
| 10 | 14.241 | 14.203 | 14.318 | VB | 482940 | 5941144 | 100.00% | 6.532% |
| 11 | 15.352 | 15.278 | 15.427 | BB | 449410 | 5894260 | 99.21% | 6.480% |
| 12 | 16.380 | 16.310 | 16.454 | BB | 450366 | 5722039 | 96.31% | 6.291% |
| 13 | 17.338 | 17.272 | 17.414 | BB | 397900 | 5504927 | 92.66% | 6.052% |
| 14 | 18.230 | 18.166 | 18.305 | BB | 381986 | 5160890 | 86.87% | 5.674% |
| 15 | 19.068 | 19.010 | 19.141 | BB | 344736 | 4912630 | 82.69% | 5.401% |
| 16 | 19.857 | 19.794 | 19.930 | BB | 328810 | 4732259 | 79.65% | 5.203% |
| 17 | 20.602 | 20.471 | 20.666 | BB | 300280 | 4515036 | 76.00% | 4.964% |
| 18 | 21.377 | 21.314 | 21.458 | BB | 244764 | 4466309 | 75.18% | 4.910% |
| 19 | 22.361 | 22.278 | 22.477 | BB | 171723 | 4365526 | 73.48% | 4.800% |
| | | | Sum of corrected areas: | | | 90956819 | | |

Aliphatic EPH 102925.M Tue Nov 18 03:10:06 2025

Quantitation Report (QT Reviewed)

Sample Results: **FF016718.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
Data File : FF016718.D
Signal(s) : FID2B.ch
Acq On : 17 Nov 2025 15:30
Operator : YP\AJ
Sample : PB170577BSD
Misc :
ALS Vial : 72 Sample Multiplier: 1

**Instrument :**
FID_F
**ClientSampleId :**
PB170577BSD

Integration File: autoint1.e
Quant Time: Nov 18 00:31:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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

| | Compound | R.T. | Response | Conc Units |
|---|---|---|---|---|
| | System Monitoring Compounds | | | |
| 4) S | 2-Bromonaphthalene (S... | 8.010 | 6072329 | 53.585 ug/ml |
| Spiked Amount | 50.000 | | Recovery = | 107.17% |
| 6) S | 2-Flurobiphenyl (SURR) | 8.886 | 3887536 | 54.507 ug/ml |
| Spiked Amount | 50.000 Range | 0 - 131 | Recovery = | 109.01% |
| 11) S | ortho-Terphenyl (SURR) | 11.953 | 5813344 | 39.586 ug/ml |
| Spiked Amount | 50.000 | | Recovery = | 79.17% |
| | Target Compounds | | | |
| 1) T | 1,2,3-Trimethylbenzen... | 4.601 | 4403045 | 33.449 ug/ml |
| 2) T | Naphthalene (C11.7) | 6.278 | 5063189 | 38.273 ug/ml |
| 3) T | 2-Methylnaphthalene (... | 7.379 | 4893604 | 36.812 ug/ml |
| 5) T | Acenaphthylene (C15.06) | 8.685 | 5518581 | 40.847 ug/ml |
| 7) T | Acenaphthene (C15.5) | 8.986 | 5637635 | 41.013 ug/ml |
| 8) T | Flouorene (C16.55) | 9.775 | 5688570 | 43.694 ug/ml |
| 9) T | Phenanthrene (C19.36) | 11.185 | 5565665 | 42.091 ug/ml |
| 10) T | Anthracene (C19.43) | 11.260 | 5289604 | 39.035 ug/ml |
| 12) T | Fluoranthene (C21.85) | 13.010 | 5536930 | 40.345 ug/ml |
| 13) T | Pyrene (C20.8) | 13.309 | 5505716 | 40.174 ug/ml |
| 14) T | Benzo[a]anthracene (C... | 15.196 | 5059585 | 44.425 ug/ml |
| 15) T | Chrysene (C27.41) | 15.239 | 6106210 | 43.271 ug/ml |
| 16) T | benzo[b]fluoranthene ... | 16.760 | 5066867 | 45.591 ug/ml |
| 17) T | Bnezo[k]fluoranthene ... | 16.794 | 5245149 | 42.942 ug/ml |
| 18) T | Benzo[a]pyrene (C31.34) | 17.142 | 5023019 | 45.768 ug/ml |
| 19) T | Indeno[1,2,3-cd]pyren... | 18.522 | 5529130 | 64.254 ug/ml |
| 20) T | Dibenz[a,h]anthracene... | 18.560 | 5457587 | 41.441 ug/ml |
| 21) T | Benzo[g,h,i]perylene ... | 18.780 | 5218837 | 49.247 ug/ml |

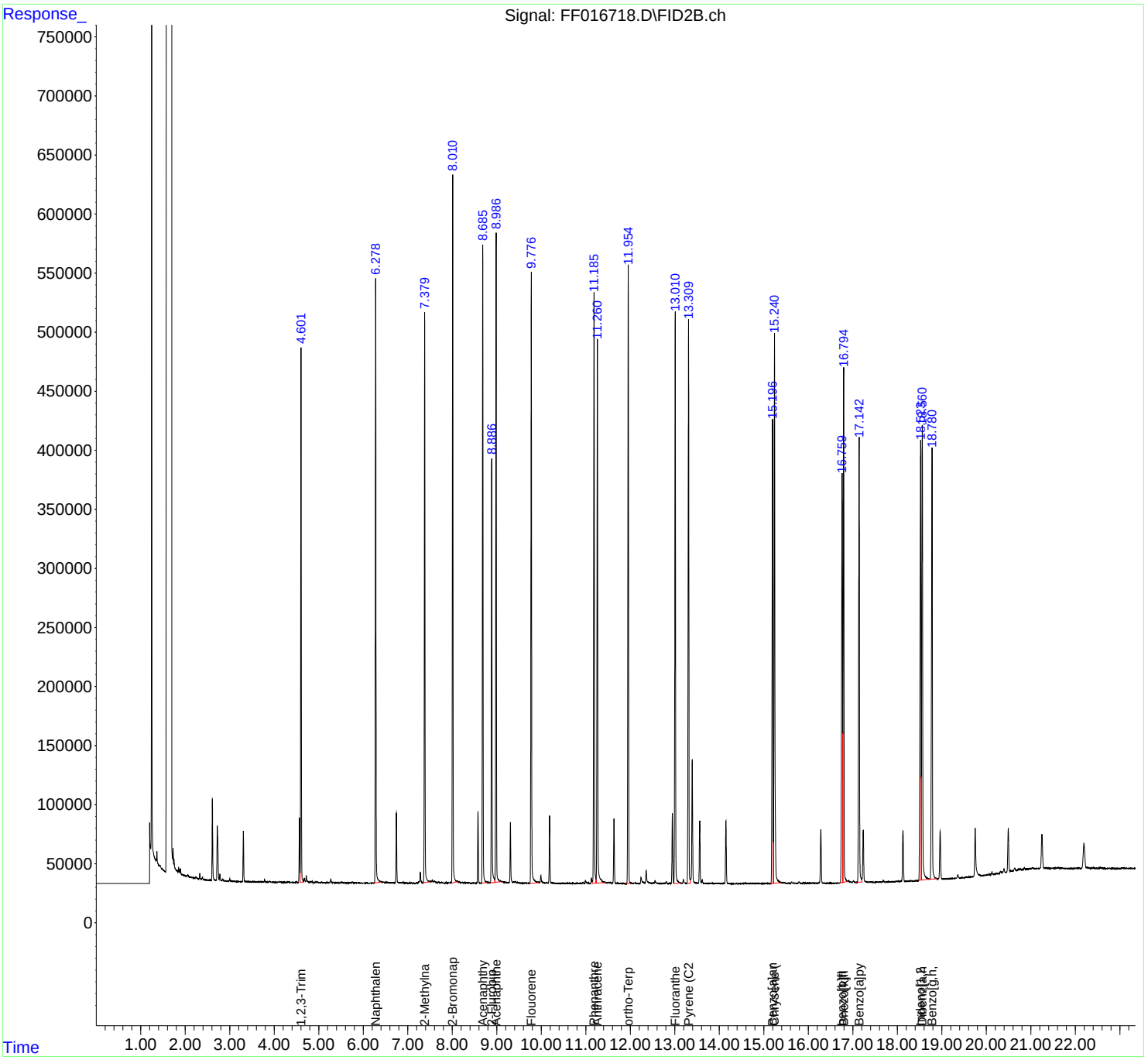
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
Data File : FF016718.D
Signal(s) : FID2B.ch
Acq On : 17 Nov 2025 15:30
Operator : YP\AJ
Sample : PB170577BSD
Misc :
ALS Vial : 72 Sample Multiplier: 1

**Instrument :**
FID_F
**ClientSampleId :**
PB170577BSD

Integration File: autoint1.e
Quant Time: Nov 18 00:31:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
Data File : FF016718.D
Signal(s) : FID2B.ch
Acq On : 17 Nov 2025 15:30
Sample : PB170577BSD
Misc :
ALS Vial : 72 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Title : GC Extractables

Signal : FID2B.ch

| peak # | R.T. min | Start min | End min | PK TY | peak height | peak area | peak % max. | % of total |
|---|---|---|---|---|---|---|---|---|
| 1 | 4.601 | 4.581 | 4.658 | VV | 452000 | 4403045 | 72.11% | 3.946% |
| 2 | 6.278 | 6.247 | 6.411 | BB | 514147 | 5063189 | 82.92% | 4.538% |
| 3 | 7.379 | 7.342 | 7.499 | PB | 483248 | 4893604 | 80.14% | 4.386% |
| 4 | 8.010 | 7.979 | 8.122 | PB | 596923 | 6072329 | 99.45% | 5.442% |
| 5 | 8.685 | 8.649 | 8.796 | BB | 541494 | 5518581 | 90.38% | 4.946% |
| 6 | 8.886 | 8.852 | 8.956 | BV | 359715 | 3887536 | 63.67% | 3.484% |
| 7 | 8.986 | 8.956 | 9.104 | VB | 550593 | 5637635 | 92.33% | 5.052% |
| 8 | 9.775 | 9.729 | 9.946 | BB | 518543 | 5688570 | 93.16% | 5.098% |
| 9 | 11.185 | 11.142 | 11.231 | VV | 499215 | 5565665 | 91.15% | 4.988% |
| 10 | 11.260 | 11.231 | 11.452 | VB | 459103 | 5289604 | 86.63% | 4.741% |
| 11 | 11.953 | 11.904 | 12.009 | BB | 525797 | 5813344 | 95.20% | 5.210% |
| 12 | 13.010 | 12.976 | 13.134 | VB | 481551 | 5536930 | 90.68% | 4.962% |
| 13 | 13.309 | 13.269 | 13.349 | BV | 478333 | 5505716 | 90.17% | 4.934% |
| 14 | 15.196 | 15.147 | 15.215 | BV | 392972 | 5059585 | 82.86% | 4.534% |
| 15 | 15.239 | 15.215 | 15.391 | VB | 463969 | 6106210 | 100.00% | 5.472% |
| 16 | 16.760 | 16.704 | 16.776 | BV | 345763 | 5066867 | 82.98% | 4.541% |
| 17 | 16.794 | 16.776 | 16.881 | VV | 435469 | 5245149 | 85.90% | 4.701% |
| 18 | 17.142 | 17.074 | 17.204 | BV | 377194 | 5023019 | 82.26% | 4.502% |
| 19 | 18.522 | 18.481 | 18.538 | BV | 371668 | 5529130 | 90.55% | 4.955% |
| 20 | 18.560 | 18.538 | 18.731 | VBA | 383151 | 5457587 | 89.38% | 4.891% |
| 21 | 18.780 | 18.731 | 18.907 | BB | 364722 | 5218837 | 85.47% | 4.677% |
| | | | Sum of corrected areas: | | | 111582132 | | |

Aromatic EPH 102925.M Tue Nov 18 01:11:25 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111725AL\
Data File : FG016928.D
Signal(s) : FID1A.ch
Acq On : 17 Nov 2025 17:32
Operator : YP\AJ
Sample : PB170577BSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
FID_G
**ClientSampleId :**
PB170577BSD

Integration File: autoint1.e
Quant Time: Nov 18 01:21:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 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 | | | |
| 12) S | 1-chlorooctadecane (S... | 13.480 | 2989856 | 24.826 ug/ml |
| Spiked Amount | 50.000 | | Recovery = | 49.65% |
| | Target Compounds | | | |
| 1) T | n-Nonane (C9) | 3.360 | 2827287 | 22.693 ug/ml |
| 2) T | n-Decane (C10) | 4.620 | 3462741 | 27.048 ug/ml |
| 4) T | n-Dodecane (C12) | 6.801 | 3986829 | 30.577 ug/ml |
| 6) T | n-Tetradecane (C14) | 8.642 | 4398207 | 34.427 ug/ml |
| 7) T | n-Hexadecane (C16) | 10.260 | 4955975 | 37.507 ug/ml |
| 8) T | n-Octadecane (C18) | 11.713 | 5543784 | 39.782 ug/ml |
| 10) T | n-Eicosane (C20) | 13.033 | 5930866 | 42.430 ug/ml |
| 11) T | n-Heneicosane (C21) | 13.650 | 5981240 | 43.020 ug/ml |
| 13) T | n-Docosane (C22) | 14.241 | 5989855 | 42.337 ug/ml |
| 14) T | n-Tetracosane (C24) | 15.352 | 5940421 | 40.403 ug/ml |
| 15) T | n-Hexacosane (C26) | 16.380 | 5763294 | 39.284 ug/ml |
| 16) T | n-Octacosane (C28) | 17.336 | 5540881 | 37.640 ug/ml |
| 17) T | n-Tricontane (C30) | 18.230 | 5185389 | 34.269 ug/ml |
| 18) T | n-Dotriacontane (C32) | 19.069 | 4936378 | 33.488 ug/ml |
| 19) T | n-Tetratriacontane (C34) | 19.857 | 4741496 | 36.794 ug/ml |
| 20) T | n-Hexatriacontane (C36) | 20.599 | 4524199 | 43.710 ug/ml |
| 21) T | n-Octatriacontane (C38) | 21.376 | 4475671 | 50.767 ug/ml |
| 22) T | n-Tetracontane (C40) | 22.360 | 4376107 | 55.889 ug/ml |

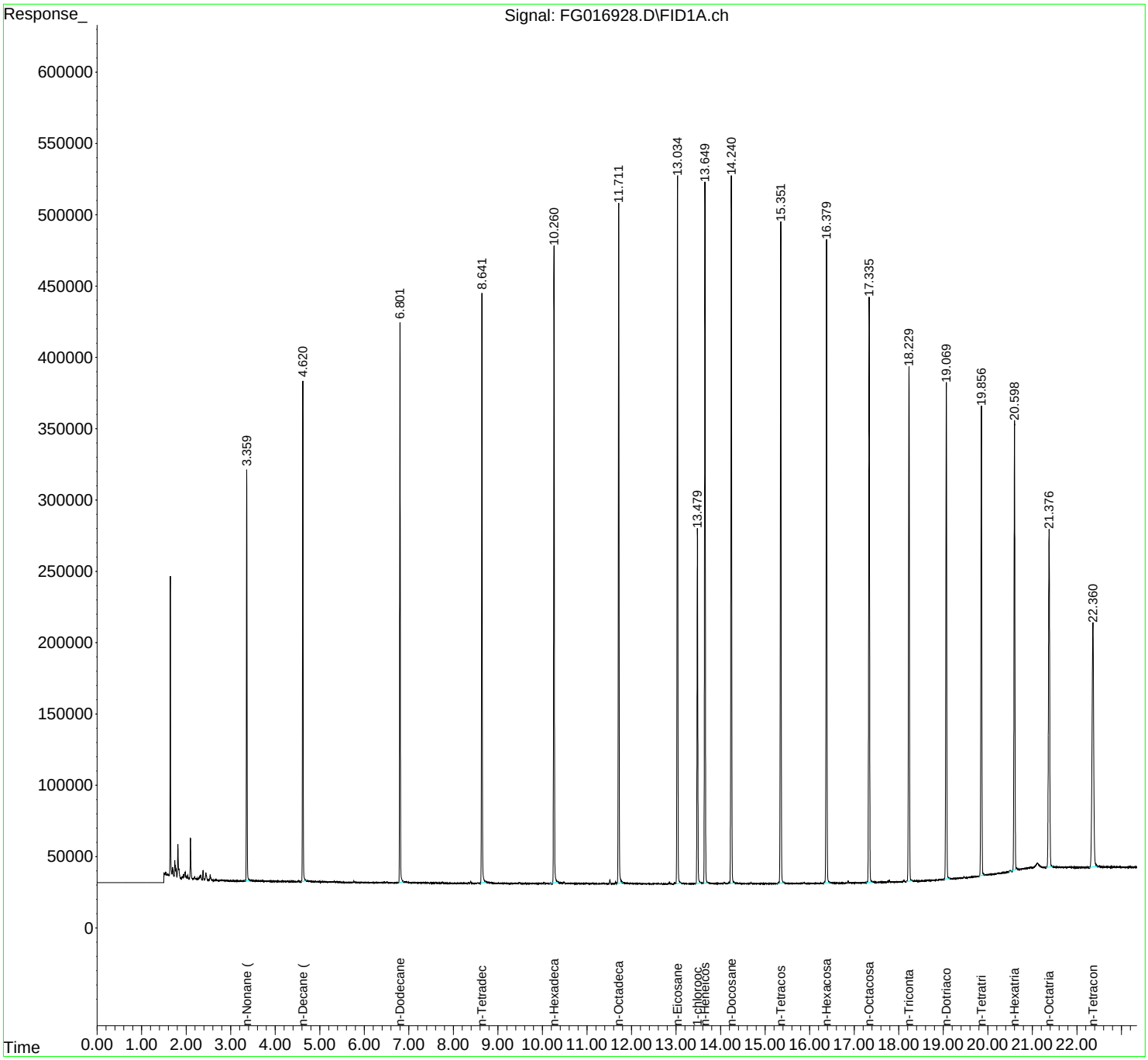
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111725AL\
Data File : FG016928.D
Signal(s) : FID1A.ch
Acq On : 17 Nov 2025 17:32
Operator : YP\AJ
Sample : PB170577BSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
FID_G
**ClientSampleId :**
PB170577BSD

Integration File: autoint1.e
Quant Time: Nov 18 01:21:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111725AL\
Data File : FG016928.D
Signal(s) : FID1A.ch
Acq On : 17 Nov 2025 17:32
Sample : PB170577BSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.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 | 3.360 | 3.320 | 3.425 | BB | 288113 | 2827287 | 47.20% | 3.088% |
| 2 | 4.620 | 4.579 | 4.697 | BB | 350335 | 3462741 | 57.81% | 3.782% |
| 3 | 6.801 | 6.768 | 6.883 | BB | 392272 | 3986829 | 66.56% | 4.355% |
| 4 | 8.642 | 8.600 | 8.731 | BB | 413331 | 4398207 | 73.43% | 4.804% |
| 5 | 10.260 | 10.158 | 10.353 | BB | 446779 | 4955975 | 82.74% | 5.413% |
| 6 | 11.713 | 11.669 | 11.807 | BB | 476753 | 5543784 | 92.55% | 6.055% |
| 7 | 13.033 | 12.993 | 13.110 | BB | 496463 | 5930866 | 99.02% | 6.478% |
| 8 | 13.480 | 13.437 | 13.557 | BB | 247767 | 2989856 | 49.92% | 3.266% |
| 9 | 13.650 | 13.612 | 13.722 | BB | 490297 | 5981240 | 99.86% | 6.533% |
| 10 | 14.241 | 14.203 | 14.319 | VB | 496688 | 5989855 | 100.00% | 6.543% |
| 11 | 15.352 | 15.274 | 15.428 | BB | 459588 | 5940421 | 99.17% | 6.489% |
| 12 | 16.380 | 16.311 | 16.455 | BB | 449452 | 5763294 | 96.22% | 6.295% |
| 13 | 17.336 | 17.271 | 17.413 | BB | 409082 | 5540881 | 92.50% | 6.052% |
| 14 | 18.230 | 18.167 | 18.300 | BB | 360380 | 5185389 | 86.57% | 5.664% |
| 15 | 19.069 | 19.011 | 19.143 | BB | 345606 | 4936378 | 82.41% | 5.392% |
| 16 | 19.857 | 19.800 | 19.927 | BB | 328216 | 4741496 | 79.16% | 5.179% |
| 17 | 20.599 | 20.468 | 20.660 | BB | 312558 | 4524199 | 75.53% | 4.942% |
| 18 | 21.376 | 21.308 | 21.459 | BB | 234680 | 4475671 | 74.72% | 4.889% |
| 19 | 22.360 | 22.277 | 22.470 | BB | 171379 | 4376107 | 73.06% | 4.780% |
| | | | Sum of corrected areas: | | | 91550475 | | |

Aliphatic EPH 102925.M Tue Nov 18 03:10:33 2025

Quantitation Report (QT Reviewed)

Sample Results: **FF016726.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
Data File : FF016726.D
Signal(s) : FID2B.ch
Acq On : 17 Nov 2025 19:59
Operator : YP\AJ
Sample : Q3586-03MS
Misc :
ALS Vial : 80 Sample Multiplier: 1

**Instrument :**
FID_F
**ClientSampleId :**
SED-3MS

Integration File: autoint1.e
Quant Time: Nov 18 00:37:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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

| | Compound | R.T. | Response | Conc Units |
|---|---|---|---|---|
| | System Monitoring Compounds | | | |
| 4) S | 2-Bromonaphthalene (S... | 8.010 | 5315856 | 46.909 ug/ml |
| Spiked Amount | 50.000 | | Recovery = | 93.82% |
| 6) S | 2-Flurobiphenyl (SURR) | 8.886 | 3581574 | 50.217 ug/ml |
| Spiked Amount | 50.000 Range | 0 - 131 | Recovery = | 100.43% |
| 11) S | ortho-Terphenyl (SURR) | 11.953 | 5071986 | 34.538 ug/ml |
| Spiked Amount | 50.000 | | Recovery = | 69.08% |
| | Target Compounds | | | |
| 1) T | 1,2,3-Trimethylbenzen... | 4.602 | 3538094 | 26.878 ug/ml |
| 2) T | Naphthalene (C11.7) | 6.279 | 3805926 | 28.769 ug/ml |
| 3) T | 2-Methylnaphthalene (... | 7.379 | 3552121 | 26.721 ug/ml |
| 5) T | Acenaphthylene (C15.06) | 8.685 | 4214312 | 31.193 ug/ml |
| 7) T | Acenaphthene (C15.5) | 8.985 | 4347782 | 31.629 ug/ml |
| 8) T | Flouorene (C16.55) | 9.775 | 4520461 | 34.722 ug/ml |
| 9) T | Phenanthrene (C19.36) | 11.183 | 4707887 | 35.604 ug/ml |
| 10) T | Anthracene (C19.43) | 11.259 | 4841231 | 35.726 ug/ml |
| 12) T | Fluoranthene (C21.85) | 13.009 | 4824625 | 35.155 ug/ml |
| 13) T | Pyrene (C20.8) | 13.308 | 4732819 | 34.535 ug/ml |
| 14) T | Benzo[a]anthracene (C... | 15.194 | 4349566 | 38.191 ug/ml |
| 15) T | Chrysene (C27.41) | 15.238 | 5311265 | 37.638 ug/ml |
| 16) T | benzo[b]fluoranthene ... | 16.759 | 4363504 | 39.262 ug/ml |
| 17) T | Bnezo[k]fluoranthene ... | 16.792 | 4505349 | 36.885 ug/ml |
| 18) T | Benzo[a]pyrene (C31.34) | 17.140 | 4272748 | 38.932 ug/ml |
| 19) T | Indeno[1,2,3-cd]pyren... | 18.520 | 4456686 | 51.791 ug/ml |
| 20) T | Dibenz[a,h]anthracene... | 18.557 | 4682768 | 35.558 ug/ml |
| 21) T | Benzo[g,h,i]perylene ... | 18.777 | 4665573 | 44.026 ug/ml |

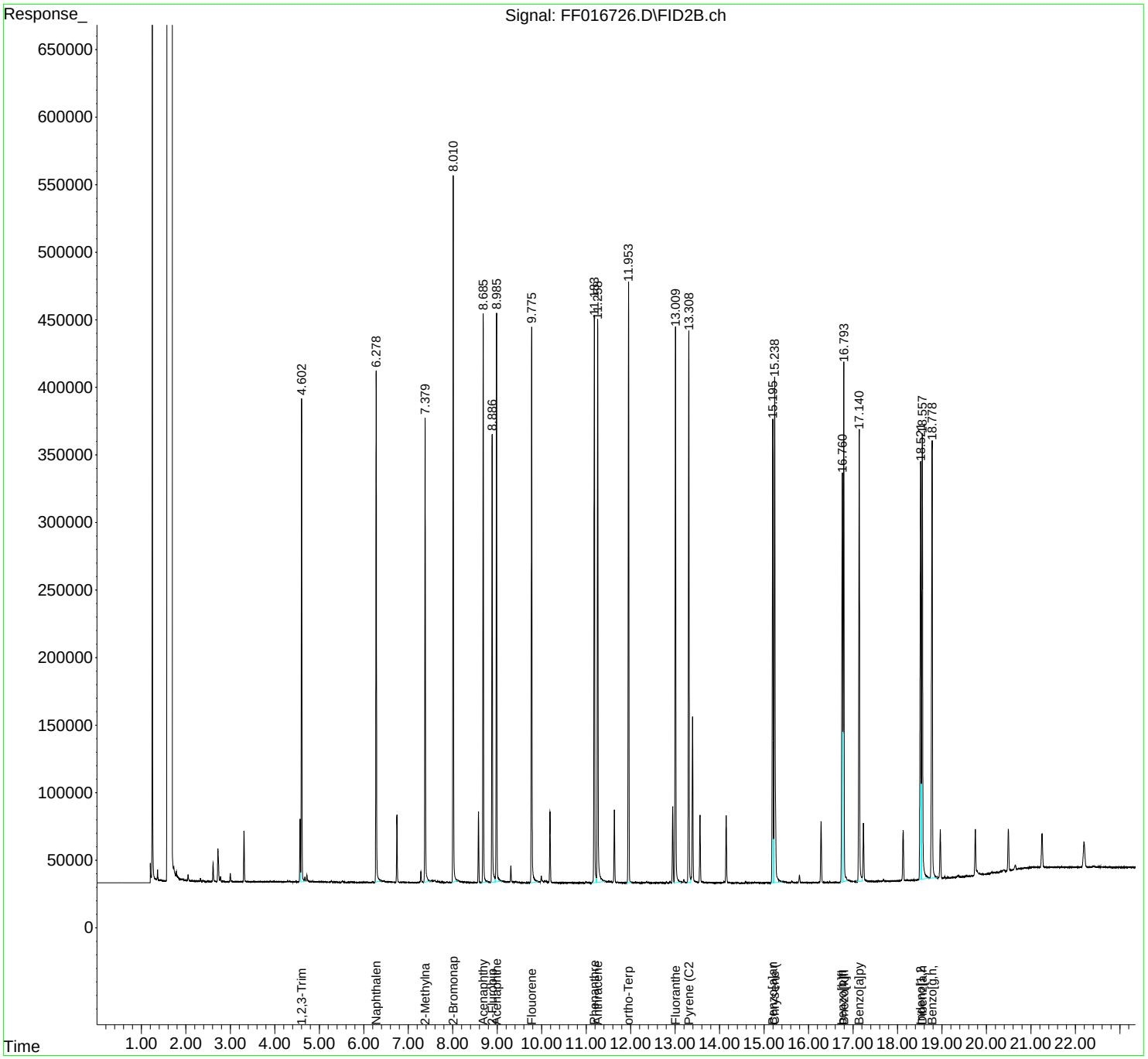
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
Data File : FF016726.D
Signal(s) : FID2B.ch
Acq On : 17 Nov 2025 19:59
Operator : YP\AJ
Sample : Q3586-03MS
Misc :
ALS Vial : 80 Sample Multiplier: 1

**Instrument :**
FID_F
**ClientSampleId :**
SED-3MS

Integration File: autoint1.e
Quant Time: Nov 18 00:37:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
Data File : FF016726.D
Signal(s) : FID2B.ch
Acq On : 17 Nov 2025 19:59
Sample : Q3586-03MS
Misc :
ALS Vial : 80 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Title : GC Extractables

Signal : FID2B.ch

| peak # | R.T. min | Start min | End min | PK TY | peak height | peak area | peak % max. | % of total |
|---|---|---|---|---|---|---|---|---|
| 1 | 4.478 | 4.446 | 4.499 | VV | 315 | 3762 | 0.07% | 0.004% |
| 2 | 4.511 | 4.499 | 4.527 | PV | 138 | 1365 | 0.03% | 0.001% |
| 3 | 4.567 | 4.527 | 4.582 | VV | 46586 | 453117 | 8.41% | 0.431% |
| 4 | 4.602 | 4.582 | 4.659 | VV | 358459 | 3548655 | 65.84% | 3.372% |
| 5 | 4.676 | 4.659 | 4.701 | VV | 3805 | 50884 | 0.94% | 0.048% |
| 6 | 4.721 | 4.701 | 4.753 | VV | 5217 | 68376 | 1.27% | 0.065% |
| 7 | 4.757 | 4.753 | 4.777 | VV | 781 | 8513 | 0.16% | 0.008% |
| 8 | 4.789 | 4.777 | 4.802 | VV | 419 | 5462 | 0.10% | 0.005% |
| 9 | 4.819 | 4.802 | 4.837 | VV | 546 | 7557 | 0.14% | 0.007% |
| 10 | 4.852 | 4.837 | 4.874 | VV | 726 | 10114 | 0.19% | 0.010% |
| 11 | 4.877 | 4.874 | 4.883 | VV | 242 | 1330 | 0.02% | 0.001% |
| 12 | 4.889 | 4.883 | 4.901 | VV | 290 | 2583 | 0.05% | 0.002% |
| 13 | 4.912 | 4.901 | 4.946 | VV | 288 | 5857 | 0.11% | 0.006% |
| 14 | 4.951 | 4.946 | 4.954 | VV | 250 | 1103 | 0.02% | 0.001% |
| 15 | 4.984 | 4.954 | 5.016 | VV | 360 | 8591 | 0.16% | 0.008% |
| 16 | 5.030 | 5.016 | 5.034 | VV | 269 | 2319 | 0.04% | 0.002% |
| 17 | 5.039 | 5.034 | 5.051 | VV | 266 | 2277 | 0.04% | 0.002% |
| 18 | 5.065 | 5.051 | 5.092 | VV | 346 | 6417 | 0.12% | 0.006% |
| 19 | 5.096 | 5.092 | 5.146 | VV | 217 | 4950 | 0.09% | 0.005% |
| 20 | 5.150 | 5.146 | 5.171 | VV | 268 | 2307 | 0.04% | 0.002% |
| 21 | 5.179 | 5.171 | 5.196 | VV | 268 | 2426 | 0.05% | 0.002% |
| 22 | 5.212 | 5.208 | 5.232 | VV | 145 | 1341 | 0.02% | 0.001% |
| 23 | 5.248 | 5.232 | 5.254 | VV | 292 | 3089 | 0.06% | 0.003% |
| 24 | 5.272 | 5.254 | 5.309 | VV | 1289 | 17999 | 0.33% | 0.017% |
| 25 | 5.329 | 5.309 | 5.352 | VV | 353 | 5785 | 0.11% | 0.005% |
| 26 | 5.360 | 5.352 | 5.373 | VV | 233 | 2137 | 0.04% | 0.002% |
| 27 | 5.390 | 5.373 | 5.409 | VV | 306 | 3701 | 0.07% | 0.004% |
| 28 | 5.414 | 5.409 | 5.431 | VV | 125 | 1166 | 0.02% | 0.001% |
| 29 | 5.442 | 5.431 | 5.494 | VV | 145 | 3313 | 0.06% | 0.003% |
| 30 | 5.516 | 5.494 | 5.554 | PV | 1186 | 19446 | 0.36% | 0.018% |
| 31 | 5.558 | 5.554 | 5.561 | VV | 276 | 1008 | 0.02% | 0.001% |
| 32 | 5.564 | 5.561 | 5.568 | VV | 308 | 1140 | 0.02% | 0.001% |
| 33 | 5.571 | 5.568 | 5.620 | VV | 340 | 5730 | 0.11% | 0.005% |
| 34 | 5.653 | 5.637 | 5.661 | VV | 181 | 1529 | 0.03% | 0.001% |
| 35 | 5.671 | 5.661 | 5.690 | VV | 218 | 2603 | 0.05% | 0.002% |
| 36 | 5.709 | 5.690 | 5.729 | VV | 510 | 7169 | 0.13% | 0.007% |

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|---|---|---|---|---|---|---|---|---|
| 37 | 5.754 | 5.729 | 5.777 | VV | 496 | 8510 | 0.16% | 0.008% |
| 38 | 5.782 | 5.777 | 5.801 | VV | 101 | 1267 | 0.02% | 0.001% |
| 39 | 5.811 | 5.801 | 5.841 | VV | 143 | 2120 | 0.04% | 0.002% |
| 40 | 5.904 | 5.841 | 5.927 | PV | 238 | 5543 | 0.10% | 0.005% |
| 41 | 5.954 | 5.941 | 5.969 | PV | 121 | 1383 | 0.03% | 0.001% |
| 42 | 5.976 | 5.969 | 5.987 | VV | 170 | 1214 | 0.02% | 0.001% |
| 43 | 6.023 | 5.987 | 6.041 | VV | 273 | 5524 | 0.10% | 0.005% |
| 44 | 6.059 | 6.041 | 6.072 | VV | 255 | 3151 | 0.06% | 0.003% |
| 45 | 6.080 | 6.072 | 6.122 | VV | 253 | 4480 | 0.08% | 0.004% |
| 46 | 6.136 | 6.130 | 6.163 | VV | 184 | 2408 | 0.04% | 0.002% |
| 47 | 6.196 | 6.163 | 6.237 | VV | 642 | 10730 | 0.20% | 0.010% |
| 48 | 6.243 | 6.237 | 6.249 | VV | 232 | 1472 | 0.03% | 0.001% |
| 49 | 6.279 | 6.249 | 6.377 | VV | 378524 | 3867840 | 71.76% | 3.675% |
| 50 | 6.387 | 6.377 | 6.423 | VV | 1786 | 36914 | 0.68% | 0.035% |
| 51 | 6.430 | 6.423 | 6.436 | VV | 900 | 6728 | 0.12% | 0.006% |
| 52 | 6.456 | 6.436 | 6.494 | VV | 1586 | 33926 | 0.63% | 0.032% |
| 53 | 6.499 | 6.494 | 6.503 | VV | 615 | 3055 | 0.06% | 0.003% |
| 54 | 6.506 | 6.503 | 6.517 | VV | 615 | 5121 | 0.10% | 0.005% |
| 55 | 6.525 | 6.517 | 6.555 | VV | 677 | 13283 | 0.25% | 0.013% |
| 56 | 6.561 | 6.555 | 6.575 | VV | 563 | 5651 | 0.10% | 0.005% |
| 57 | 6.584 | 6.575 | 6.611 | VV | 580 | 10519 | 0.20% | 0.010% |
| 58 | 6.615 | 6.611 | 6.634 | VV | 451 | 5645 | 0.10% | 0.005% |
| 59 | 6.640 | 6.634 | 6.660 | VV | 427 | 5432 | 0.10% | 0.005% |
| 60 | 6.665 | 6.660 | 6.678 | VV | 360 | 3295 | 0.06% | 0.003% |
| 61 | 6.681 | 6.678 | 6.715 | VV | 354 | 5565 | 0.10% | 0.005% |
| 62 | 6.745 | 6.715 | 6.812 | VV | 50411 | 519378 | 9.64% | 0.493% |
| 63 | 6.830 | 6.812 | 6.845 | VV | 525 | 7976 | 0.15% | 0.008% |
| 64 | 6.866 | 6.845 | 6.883 | VV | 443 | 8119 | 0.15% | 0.008% |
| 65 | 6.899 | 6.883 | 6.919 | VV | 681 | 9740 | 0.18% | 0.009% |
| 66 | 6.938 | 6.919 | 6.959 | VV | 362 | 6062 | 0.11% | 0.006% |
| 67 | 6.972 | 6.959 | 6.991 | VV | 546 | 6253 | 0.12% | 0.006% |
| 68 | 6.998 | 6.991 | 7.005 | VV | 211 | 1446 | 0.03% | 0.001% |
| 69 | 7.010 | 7.005 | 7.020 | VV | 205 | 1733 | 0.03% | 0.002% |
| 70 | 7.033 | 7.020 | 7.057 | VV | 311 | 4135 | 0.08% | 0.004% |
| 71 | 7.070 | 7.057 | 7.082 | VV | 173 | 2113 | 0.04% | 0.002% |
| 72 | 7.087 | 7.082 | 7.114 | VV | 221 | 2664 | 0.05% | 0.003% |
| 73 | 7.147 | 7.130 | 7.156 | VV | 204 | 2169 | 0.04% | 0.002% |
| 74 | 7.159 | 7.156 | 7.174 | VV | 195 | 1198 | 0.02% | 0.001% |
| 75 | 7.201 | 7.185 | 7.219 | PV | 349 | 3442 | 0.06% | 0.003% |
| 76 | 7.283 | 7.231 | 7.344 | VV | 8375 | 114833 | 2.13% | 0.109% |
| 77 | 7.379 | 7.344 | 7.489 | VV | 344027 | 3616505 | 67.09% | 3.436% |
| 78 | 7.493 | 7.489 | 7.502 | VV | 1417 | 10383 | 0.19% | 0.010% |
| 79 | 7.519 | 7.502 | 7.536 | VV | 1930 | 30404 | 0.56% | 0.029% |
| 80 | 7.552 | 7.536 | 7.564 | VV | 1793 | 24520 | 0.45% | 0.023% |
| 81 | 7.584 | 7.564 | 7.598 | VV | 1911 | 30810 | 0.57% | 0.029% |
| 82 | 7.606 | 7.598 | 7.641 | VV | 1612 | 27575 | 0.51% | 0.026% |
| 83 | 7.660 | 7.641 | 7.685 | VV | 1287 | 23757 | 0.44% | 0.023% |
| 84 | 7.695 | 7.685 | 7.727 | VV | 868 | 16012 | 0.30% | 0.015% |
| 85 | 7.731 | 7.727 | 7.737 | VV | 532 | 2837 | 0.05% | 0.003% |
| 86 | 7.759 | 7.737 | 7.765 | VV | 723 | 9845 | 0.18% | 0.009% |
| 87 | 7.770 | 7.765 | 7.815 | VV | 644 | 13815 | 0.26% | 0.013% |
| 88 | 7.867 | 7.815 | 7.890 | VV | 729 | 16599 | 0.31% | 0.016% |
| 89 | 7.911 | 7.890 | 7.941 | VV | 324 | 8683 | 0.16% | 0.008% |

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|---|---|---|---|---|---|---|---|---|
| 90 | 7.963 | 7.941 | 7.978 | VV | 487 | 6560 | 0.12% | 0.006% |
| 91 | 8.010 | 7.978 | 8.112 | VV | 524037 | 5390152 | 100.00% | 5.121% |
| 92 | 8.122 | 8.112 | 8.216 | VV | 1785 | 69219 | 1.28% | 0.066% |
| 93 | 8.223 | 8.216 | 8.247 | VV | 705 | 11645 | 0.22% | 0.011% |
| 94 | 8.252 | 8.247 | 8.259 | VV | 561 | 3506 | 0.07% | 0.003% |
| 95 | 8.273 | 8.259 | 8.309 | VV | 688 | 16027 | 0.30% | 0.015% |
| 96 | 8.326 | 8.309 | 8.356 | VV | 668 | 13462 | 0.25% | 0.013% |
| 97 | 8.361 | 8.356 | 8.381 | VV | 384 | 4742 | 0.09% | 0.005% |
| 98 | 8.400 | 8.381 | 8.454 | VV | 375 | 10368 | 0.19% | 0.010% |
| 99 | 8.481 | 8.454 | 8.499 | VV | 536 | 8821 | 0.16% | 0.008% |
| 100 | 8.503 | 8.499 | 8.508 | VV | 311 | 1476 | 0.03% | 0.001% |
| 101 | 8.511 | 8.508 | 8.524 | VV | 278 | 1970 | 0.04% | 0.002% |
| 102 | 8.529 | 8.524 | 8.545 | VV | 217 | 2082 | 0.04% | 0.002% |
| 103 | 8.579 | 8.545 | 8.651 | VV | 52646 | 545449 | 10.12% | 0.518% |
| 104 | 8.685 | 8.651 | 8.800 | VV | 421778 | 4261903 | 79.07% | 4.049% |
| 105 | 8.811 | 8.800 | 8.853 | VV | 847 | 18252 | 0.34% | 0.017% |
| 106 | 8.886 | 8.853 | 8.955 | VV | 331420 | 3616461 | 67.09% | 3.436% |
| 107 | 8.985 | 8.955 | 9.106 | VV | 422386 | 4444152 | 82.45% | 4.223% |
| 108 | 9.110 | 9.106 | 9.115 | VV | 1441 | 7682 | 0.14% | 0.007% |
| 109 | 9.118 | 9.115 | 9.168 | VV | 1431 | 36727 | 0.68% | 0.035% |
| 110 | 9.173 | 9.168 | 9.176 | VV | 923 | 3931 | 0.07% | 0.004% |
| 111 | 9.183 | 9.176 | 9.223 | VV | 917 | 21797 | 0.40% | 0.021% |
| 112 | 9.237 | 9.223 | 9.251 | VV | 785 | 11668 | 0.22% | 0.011% |
| 113 | 9.255 | 9.251 | 9.259 | VV | 686 | 3199 | 0.06% | 0.003% |
| 114 | 9.275 | 9.259 | 9.282 | VV | 844 | 10411 | 0.19% | 0.010% |
| 115 | 9.308 | 9.282 | 9.372 | VV | 12813 | 158045 | 2.93% | 0.150% |
| 116 | 9.389 | 9.372 | 9.398 | VV | 830 | 11298 | 0.21% | 0.011% |
| 117 | 9.423 | 9.398 | 9.444 | VV | 1040 | 22440 | 0.42% | 0.021% |
| 118 | 9.446 | 9.444 | 9.452 | VV | 591 | 2741 | 0.05% | 0.003% |
| 119 | 9.462 | 9.452 | 9.479 | VV | 650 | 8720 | 0.16% | 0.008% |
| 120 | 9.482 | 9.479 | 9.486 | VV | 419 | 1644 | 0.03% | 0.002% |
| 121 | 9.495 | 9.486 | 9.526 | VV | 499 | 7567 | 0.14% | 0.007% |
| 122 | 9.547 | 9.526 | 9.583 | VV | 323 | 7330 | 0.14% | 0.007% |
| 123 | 9.596 | 9.583 | 9.623 | VV | 309 | 5236 | 0.10% | 0.005% |
| 124 | 9.627 | 9.623 | 9.635 | VV | 239 | 1222 | 0.02% | 0.001% |
| 125 | 9.648 | 9.635 | 9.677 | VV | 214 | 3283 | 0.06% | 0.003% |
| 126 | 9.686 | 9.677 | 9.702 | VV | 159 | 2201 | 0.04% | 0.002% |
| 127 | 9.704 | 9.702 | 9.739 | VV | 348 | 2461 | 0.05% | 0.002% |
| 128 | 9.775 | 9.739 | 9.957 | VV | 412292 | 4604989 | 85.43% | 4.375% |
| 129 | 9.992 | 9.957 | 10.016 | VV | 5241 | 81997 | 1.52% | 0.078% |
| 130 | 10.020 | 10.016 | 10.045 | VV | 1593 | 20143 | 0.37% | 0.019% |
| 131 | 10.067 | 10.045 | 10.097 | VV | 1947 | 40735 | 0.76% | 0.039% |
| 132 | 10.103 | 10.097 | 10.157 | VV | 1170 | 27409 | 0.51% | 0.026% |
| 133 | 10.187 | 10.157 | 10.249 | VV | 52729 | 604009 | 11.21% | 0.574% |
| 134 | 10.258 | 10.249 | 10.328 | VV | 437 | 13022 | 0.24% | 0.012% |
| 135 | 10.333 | 10.328 | 10.342 | VV | 211 | 1556 | 0.03% | 0.001% |
| 136 | 10.348 | 10.342 | 10.354 | VV | 230 | 1450 | 0.03% | 0.001% |
| 137 | 10.359 | 10.354 | 10.371 | VV | 217 | 1943 | 0.04% | 0.002% |
| 138 | 10.375 | 10.371 | 10.392 | VV | 246 | 1771 | 0.03% | 0.002% |
| 139 | 10.420 | 10.392 | 10.429 | VV | 250 | 3696 | 0.07% | 0.004% |
| 140 | 10.434 | 10.429 | 10.451 | VV | 159 | 1074 | 0.02% | 0.001% |
| 141 | 10.468 | 10.451 | 10.502 | VV | 332 | 6253 | 0.12% | 0.006% |

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|---|---|---|---|---|---|---|---|---|
| 142 | 10.511 | 10.502 | 10.550 | VV | 283 | 5627 | 0.10% | 0.005% |
| 143 | 10.563 | 10.550 | 10.567 | VV | 215 | 1582 | 0.03% | 0.002% |
| 144 | 10.581 | 10.567 | 10.600 | VV | 265 | 4192 | 0.08% | 0.004% |
| 145 | 10.615 | 10.600 | 10.656 | VV | 320 | 6053 | 0.11% | 0.006% |
| 146 | 10.673 | 10.656 | 10.691 | VV | 202 | 2538 | 0.05% | 0.002% |
| 147 | 10.709 | 10.691 | 10.734 | VV | 327 | 4965 | 0.09% | 0.005% |
| 148 | 10.749 | 10.734 | 10.769 | VV | 188 | 2838 | 0.05% | 0.003% |
| 149 | 10.792 | 10.769 | 10.802 | VV | 230 | 2921 | 0.05% | 0.003% |
| 150 | 10.813 | 10.802 | 10.840 | VV | 302 | 4661 | 0.09% | 0.004% |
| 151 | 10.883 | 10.840 | 10.899 | VV | 293 | 6963 | 0.13% | 0.007% |
| 152 | 10.903 | 10.899 | 10.911 | VV | 281 | 1607 | 0.03% | 0.002% |
| 153 | 10.928 | 10.911 | 10.962 | VV | 315 | 5587 | 0.10% | 0.005% |
| 154 | 10.995 | 10.962 | 11.042 | PV | 1025 | 24876 | 0.46% | 0.024% |
| 155 | 11.059 | 11.042 | 11.094 | VV | 502 | 8304 | 0.15% | 0.008% |
| 156 | 11.116 | 11.110 | 11.132 | VV | 188 | 1881 | 0.03% | 0.002% |
| 157 | 11.183 | 11.132 | 11.229 | VV | 420729 | 4729111 | 87.74% | 4.493% |
| 158 | 11.259 | 11.229 | 11.424 | VV | 417532 | 4949149 | 91.82% | 4.702% |
| 159 | 11.436 | 11.424 | 11.481 | VV | 1485 | 38530 | 0.71% | 0.037% |
| 160 | 11.504 | 11.481 | 11.544 | VV | 1390 | 43742 | 0.81% | 0.042% |
| 161 | 11.564 | 11.544 | 11.599 | VV | 1509 | 33190 | 0.62% | 0.032% |
| 162 | 11.634 | 11.599 | 11.693 | VV | 54197 | 651691 | 12.09% | 0.619% |
| 163 | 11.712 | 11.693 | 11.758 | VV | 749 | 20410 | 0.38% | 0.019% |
| 164 | 11.768 | 11.758 | 11.779 | VV | 347 | 3809 | 0.07% | 0.004% |
| 165 | 11.790 | 11.779 | 11.811 | VV | 339 | 5314 | 0.10% | 0.005% |
| 166 | 11.831 | 11.811 | 11.843 | VV | 306 | 4512 | 0.08% | 0.004% |
| 167 | 11.848 | 11.843 | 11.859 | VV | 208 | 1813 | 0.03% | 0.002% |
| 168 | 11.865 | 11.859 | 11.889 | VV | 234 | 2610 | 0.05% | 0.002% |
| 169 | 11.895 | 11.889 | 11.912 | VV | 143 | 1422 | 0.03% | 0.001% |
| 170 | 11.953 | 11.912 | 12.011 | VV | 442741 | 5090771 | 94.45% | 4.837% |
| 171 | 12.014 | 12.011 | 12.041 | VV | 662 | 10449 | 0.19% | 0.010% |
| 172 | 12.047 | 12.041 | 12.071 | VV | 552 | 7202 | 0.13% | 0.007% |
| 173 | 12.114 | 12.071 | 12.130 | VV | 714 | 16731 | 0.31% | 0.016% |
| 174 | 12.141 | 12.130 | 12.166 | VV | 373 | 6689 | 0.12% | 0.006% |
| 175 | 12.174 | 12.166 | 12.194 | VV | 290 | 4157 | 0.08% | 0.004% |
| 176 | 12.204 | 12.201 | 12.222 | VV | 227 | 1857 | 0.03% | 0.002% |
| 177 | 12.229 | 12.222 | 12.258 | VV | 238 | 3927 | 0.07% | 0.004% |
| 178 | 12.270 | 12.258 | 12.276 | VV | 268 | 2292 | 0.04% | 0.002% |
| 179 | 12.297 | 12.276 | 12.323 | VV | 460 | 9647 | 0.18% | 0.009% |
| 180 | 12.327 | 12.323 | 12.332 | VV | 273 | 1320 | 0.02% | 0.001% |
| 181 | 12.358 | 12.332 | 12.378 | VV | 1229 | 17193 | 0.32% | 0.016% |
| 182 | 12.397 | 12.378 | 12.431 | VV | 808 | 12594 | 0.23% | 0.012% |
| 183 | 12.441 | 12.431 | 12.461 | VV | 180 | 2695 | 0.05% | 0.003% |
| 184 | 12.469 | 12.461 | 12.483 | VV | 198 | 1558 | 0.03% | 0.001% |
| 185 | 12.513 | 12.483 | 12.536 | VV | 272 | 5513 | 0.10% | 0.005% |
| 186 | 12.537 | 12.536 | 12.556 | VV | 204 | 1442 | 0.03% | 0.001% |
| 187 | 12.571 | 12.556 | 12.577 | VV | 256 | 2315 | 0.04% | 0.002% |
| 188 | 12.583 | 12.577 | 12.608 | VV | 317 | 3908 | 0.07% | 0.004% |
| 189 | 12.630 | 12.617 | 12.644 | VV | 305 | 3561 | 0.07% | 0.003% |
| 190 | 12.661 | 12.644 | 12.672 | VV | 530 | 6054 | 0.11% | 0.006% |
| 191 | 12.684 | 12.672 | 12.700 | VV | 346 | 4387 | 0.08% | 0.004% |
| 192 | 12.733 | 12.700 | 12.745 | VV | 291 | 5833 | 0.11% | 0.006% |
| 193 | 12.771 | 12.753 | 12.782 | VV | 289 | 4254 | 0.08% | 0.004% |
| 194 | 12.809 | 12.782 | 12.841 | VV | 975 | 15414 | 0.29% | 0.015% |

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|---|---|---|---|---|---|---|---|---|
| 195 | 12.883 | 12.841 | 12.910 | VV | 1268 | 21114 | 0.39% | 0.020% |
| 196 | 12.946 | 12.910 | 12.975 | VV | 56587 | 668160 | 12.40% | 0.635% |
| 197 | 13.009 | 12.975 | 13.142 | VV | 412038 | 4874637 | 90.44% | 4.632% |
| 198 | 13.150 | 13.142 | 13.167 | VV | 790 | 10569 | 0.20% | 0.010% |
| 199 | 13.195 | 13.167 | 13.253 | VV | 2619 | 51460 | 0.95% | 0.049% |
| 200 | 13.258 | 13.253 | 13.269 | VV | 415 | 3616 | 0.07% | 0.003% |
| 201 | 13.308 | 13.269 | 13.351 | VV | 410377 | 4754373 | 88.20% | 4.517% |
| 202 | 13.393 | 13.351 | 13.524 | VV | 123258 | 1614833 | 29.96% | 1.534% |
| 203 | 13.560 | 13.524 | 13.602 | VV | 50412 | 637964 | 11.84% | 0.606% |
| 204 | 13.614 | 13.602 | 13.671 | VV | 1176 | 27252 | 0.51% | 0.026% |
| 205 | 13.684 | 13.671 | 13.731 | VV | 354 | 11259 | 0.21% | 0.011% |
| 206 | 13.738 | 13.731 | 13.744 | VV | 336 | 2225 | 0.04% | 0.002% |
| 207 | 13.753 | 13.744 | 13.761 | VV | 394 | 3472 | 0.06% | 0.003% |
| 208 | 13.765 | 13.761 | 13.769 | VV | 385 | 1924 | 0.04% | 0.002% |
| 209 | 13.779 | 13.769 | 13.803 | VV | 419 | 6793 | 0.13% | 0.006% |
| 210 | 13.809 | 13.803 | 13.832 | VV | 344 | 4849 | 0.09% | 0.005% |
| 211 | 13.838 | 13.832 | 13.844 | VV | 353 | 2246 | 0.04% | 0.002% |
| 212 | 13.850 | 13.844 | 13.868 | VV | 333 | 3678 | 0.07% | 0.003% |
| 213 | 13.874 | 13.868 | 13.884 | VV | 186 | 1526 | 0.03% | 0.001% |
| 214 | 13.896 | 13.884 | 13.907 | VV | 249 | 2635 | 0.05% | 0.003% |
| 215 | 13.912 | 13.907 | 13.923 | VV | 209 | 1591 | 0.03% | 0.002% |
| 216 | 13.944 | 13.932 | 13.951 | VV | 248 | 2135 | 0.04% | 0.002% |
| 217 | 13.971 | 13.951 | 14.004 | VV | 314 | 7970 | 0.15% | 0.008% |
| 218 | 14.016 | 14.004 | 14.049 | VV | 314 | 5387 | 0.10% | 0.005% |
| 219 | 14.098 | 14.064 | 14.117 | VV | 1271 | 19158 | 0.36% | 0.018% |
| 220 | 14.148 | 14.117 | 14.231 | VV | 50016 | 633282 | 11.75% | 0.602% |
| 221 | 14.264 | 14.231 | 14.319 | VV | 284 | 9016 | 0.17% | 0.009% |
| 222 | 14.326 | 14.319 | 14.344 | VV | 176 | 1880 | 0.03% | 0.002% |
| 223 | 14.353 | 14.344 | 14.374 | VV | 180 | 2575 | 0.05% | 0.002% |
| 224 | 14.381 | 14.374 | 14.404 | VV | 151 | 2564 | 0.05% | 0.002% |
| 225 | 14.407 | 14.404 | 14.424 | VV | 224 | 1562 | 0.03% | 0.001% |
| 226 | 14.431 | 14.424 | 14.466 | VV | 132 | 2121 | 0.04% | 0.002% |
| 227 | 14.473 | 14.466 | 14.510 | VV | 133 | 1984 | 0.04% | 0.002% |
| 228 | 14.527 | 14.510 | 14.564 | PV | 98 | 1773 | 0.03% | 0.002% |
| 229 | 14.588 | 14.564 | 14.621 | VV | 1073 | 15981 | 0.30% | 0.015% |
| 230 | 14.628 | 14.621 | 14.645 | VV | 191 | 2091 | 0.04% | 0.002% |
| 231 | 14.653 | 14.645 | 14.668 | VV | 155 | 1750 | 0.03% | 0.002% |
| 232 | 14.675 | 14.668 | 14.689 | VV | 120 | 1374 | 0.03% | 0.001% |
| 233 | 14.713 | 14.689 | 14.736 | VV | 336 | 4691 | 0.09% | 0.004% |
| 234 | 14.751 | 14.736 | 14.767 | VV | 203 | 2679 | 0.05% | 0.003% |
| 235 | 14.787 | 14.767 | 14.837 | VV | 452 | 12039 | 0.22% | 0.011% |
| 236 | 14.872 | 14.837 | 14.904 | VV | 298 | 8605 | 0.16% | 0.008% |
| 237 | 14.918 | 14.904 | 14.959 | VV | 202 | 4753 | 0.09% | 0.005% |
| 238 | 14.975 | 14.959 | 14.992 | VV | 164 | 2678 | 0.05% | 0.003% |
| 239 | 15.052 | 14.992 | 15.086 | VV | 268 | 8425 | 0.16% | 0.008% |
| 240 | 15.095 | 15.086 | 15.131 | VV | 175 | 2980 | 0.06% | 0.003% |
| 241 | 15.194 | 15.131 | 15.214 | PV | 343387 | 4355674 | 80.81% | 4.139% |
| 242 | 15.238 | 15.214 | 15.371 | VV | 372775 | 5347022 | 99.20% | 5.080% |
| 243 | 15.373 | 15.371 | 15.409 | VV | 1574 | 24571 | 0.46% | 0.023% |
| 244 | 15.422 | 15.409 | 15.459 | VV | 950 | 24054 | 0.45% | 0.023% |
| 245 | 15.475 | 15.459 | 15.549 | VV | 864 | 26706 | 0.50% | 0.025% |
| 246 | 15.561 | 15.549 | 15.597 | VV | 491 | 8938 | 0.17% | 0.008% |

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|---|---|---|---|---|---|---|---|---|
| 247 | 15.625 | 15.597 | 15.666 | VV | 1256 | 23880 | 0.44% | 0.023% |
| 248 | 15.673 | 15.666 | 15.727 | VV | 295 | 7619 | 0.14% | 0.007% |
| 249 | 15.734 | 15.727 | 15.753 | VV | 208 | 2662 | 0.05% | 0.003% |
| 250 | 15.795 | 15.753 | 15.828 | VV | 5614 | 80864 | 1.50% | 0.077% |
| 251 | 15.837 | 15.828 | 15.879 | VV | 303 | 4320 | 0.08% | 0.004% |
| 252 | 15.906 | 15.879 | 15.939 | VV | 297 | 6142 | 0.11% | 0.006% |
| 253 | 15.959 | 15.939 | 15.979 | VV | 151 | 2985 | 0.06% | 0.003% |
| 254 | 15.986 | 15.979 | 16.021 | VV | 174 | 1928 | 0.04% | 0.002% |
| 255 | 16.100 | 16.021 | 16.126 | PV | 206 | 5592 | 0.10% | 0.005% |
| 256 | 16.145 | 16.126 | 16.159 | VV | 192 | 2676 | 0.05% | 0.003% |
| 257 | 16.168 | 16.159 | 16.194 | VV | 150 | 2071 | 0.04% | 0.002% |
| 258 | 16.282 | 16.194 | 16.331 | VV | 45382 | 596298 | 11.06% | 0.567% |
| 259 | 16.342 | 16.331 | 16.369 | VV | 283 | 3834 | 0.07% | 0.004% |
| 260 | 16.425 | 16.395 | 16.452 | VV | 151 | 2524 | 0.05% | 0.002% |
| 261 | 16.475 | 16.452 | 16.516 | VV | 508 | 7880 | 0.15% | 0.007% |
| 262 | 16.594 | 16.516 | 16.616 | PV | 137 | 4510 | 0.08% | 0.004% |
| 263 | 16.624 | 16.616 | 16.653 | VV | 132 | 1664 | 0.03% | 0.002% |
| 264 | 16.686 | 16.653 | 16.692 | PV | 97 | 1097 | 0.02% | 0.001% |
| 265 | 16.759 | 16.692 | 16.775 | VV | 302923 | 4372918 | 81.13% | 4.155% |
| 266 | 16.792 | 16.775 | 16.887 | VV | 383241 | 4562052 | 84.64% | 4.335% |
| 267 | 16.906 | 16.887 | 16.999 | VV | 1511 | 59471 | 1.10% | 0.057% |
| 268 | 17.016 | 16.999 | 17.059 | VV | 524 | 14411 | 0.27% | 0.014% |
| 269 | 17.070 | 17.059 | 17.097 | VV | 407 | 7302 | 0.14% | 0.007% |
| 270 | 17.140 | 17.097 | 17.206 | VV | 335918 | 4304062 | 79.85% | 4.090% |
| 271 | 17.235 | 17.206 | 17.401 | VV | 43427 | 671909 | 12.47% | 0.638% |
| 272 | 17.407 | 17.401 | 17.455 | VV | 231 | 5527 | 0.10% | 0.005% |
| 273 | 17.472 | 17.455 | 17.487 | VV | 155 | 2106 | 0.04% | 0.002% |
| 274 | 17.574 | 17.487 | 17.611 | PV | 287 | 11738 | 0.22% | 0.011% |
| 275 | 17.618 | 17.611 | 17.639 | VV | 153 | 1822 | 0.03% | 0.002% |
| 276 | 17.685 | 17.639 | 17.754 | VV | 1249 | 23605 | 0.44% | 0.022% |
| 277 | 17.784 | 17.754 | 17.809 | VV | 202 | 4582 | 0.09% | 0.004% |
| 278 | 17.817 | 17.809 | 17.837 | VV | 123 | 1412 | 0.03% | 0.001% |
| 279 | 17.875 | 17.837 | 17.884 | VV | 122 | 2840 | 0.05% | 0.003% |
| 280 | 17.904 | 17.884 | 17.933 | VV | 181 | 2794 | 0.05% | 0.003% |
| 281 | 18.016 | 17.933 | 18.049 | PV | 267 | 9873 | 0.18% | 0.009% |
| 282 | 18.127 | 18.049 | 18.166 | PV | 37295 | 539042 | 10.00% | 0.512% |
| 283 | 18.218 | 18.166 | 18.242 | VV | 537 | 10449 | 0.19% | 0.010% |
| 284 | 18.320 | 18.242 | 18.382 | VV | 234 | 9965 | 0.18% | 0.009% |
| 285 | 18.411 | 18.382 | 18.432 | PV | 242 | 3271 | 0.06% | 0.003% |
| 286 | 18.450 | 18.432 | 18.472 | PV | 230 | 2597 | 0.05% | 0.002% |
| 287 | 18.520 | 18.472 | 18.536 | PV | 310267 | 4466090 | 82.86% | 4.243% |
| 288 | 18.557 | 18.536 | 18.731 | VV | 329764 | 4704492 | 87.28% | 4.470% |
| 289 | 18.777 | 18.731 | 18.851 | PBA | 323254 | 4614148 | 85.60% | 4.384% |

Sum of corrected areas: 105246081

Aromatic EPH 102925.M Tue Nov 18 01:17:20 2025

Quantitation Report (QT Reviewed)

Sample Results: **FG016960.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112025AL\
Data File : FG016960.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2025 14:56
Operator : YP\AJ
Sample : Q3586-03MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
FID_G
**ClientSampleId :**
SED-3MS

Integration File: autoint1.e
Quant Time: Nov 20 23:50:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 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 | | | |
| 12) S | 1-chlorooctadecane (S... | 13.480 | 6757299 | 56.108 ug/ml |
| Spiked Amount | 50.000 | | Recovery = | 112.22% |
| | Target Compounds | | | |
| 1) T | n-Nonane (C9) | 3.358 | 2349323 | 18.857 ug/ml |
| 2) T | n-Decane (C10) | 4.618 | 2856087 | 22.309 ug/ml |
| 4) T | n-Dodecane (C12) | 6.799 | 3223110 | 24.720 ug/ml |
| 6) T | n-Tetradecane (C14) | 8.639 | 3469697 | 27.159 ug/ml |
| 7) T | n-Hexadecane (C16) | 10.257 | 3970719 | 30.050 ug/ml |
| 8) T | n-Octadecane (C18) | 11.710 | 4356154 | 31.259 ug/ml |
| 10) T | n-Eicosane (C20) | 13.029 | 4575659 | 32.735 ug/ml |
| 11) T | n-Heneicosane (C21) | 13.646 | 4564393 | 32.830 ug/ml |
| 13) T | n-Docosane (C22) | 14.235 | 4568019 | 32.288 ug/ml |
| 14) T | n-Tetracosane (C24) | 15.346 | 4523095 | 30.763 ug/ml |
| 15) T | n-Hexacosane (C26) | 16.374 | 4385256 | 29.891 ug/ml |
| 16) T | n-Octacosane (C28) | 17.330 | 4211681 | 28.610 ug/ml |
| 17) T | n-Tricontane (C30) | 18.223 | 3962378 | 26.186 ug/ml |
| 18) T | n-Dotriacontane (C32) | 19.060 | 3773323 | 25.598 ug/ml |
| 19) T | n-Tetratriacontane (C34) | 19.849 | 3572245 | 27.721 ug/ml |
| 20) T | n-Hexatriacontane (C36) | 20.593 | 3332671 | 32.198 ug/ml |
| 21) T | n-Octatriacontane (C38) | 21.368 | 3219488 | 36.518 ug/ml |
| 22) T | n-Tetracontane (C40) | 22.346 | 3074311 | 39.263 ug/ml |

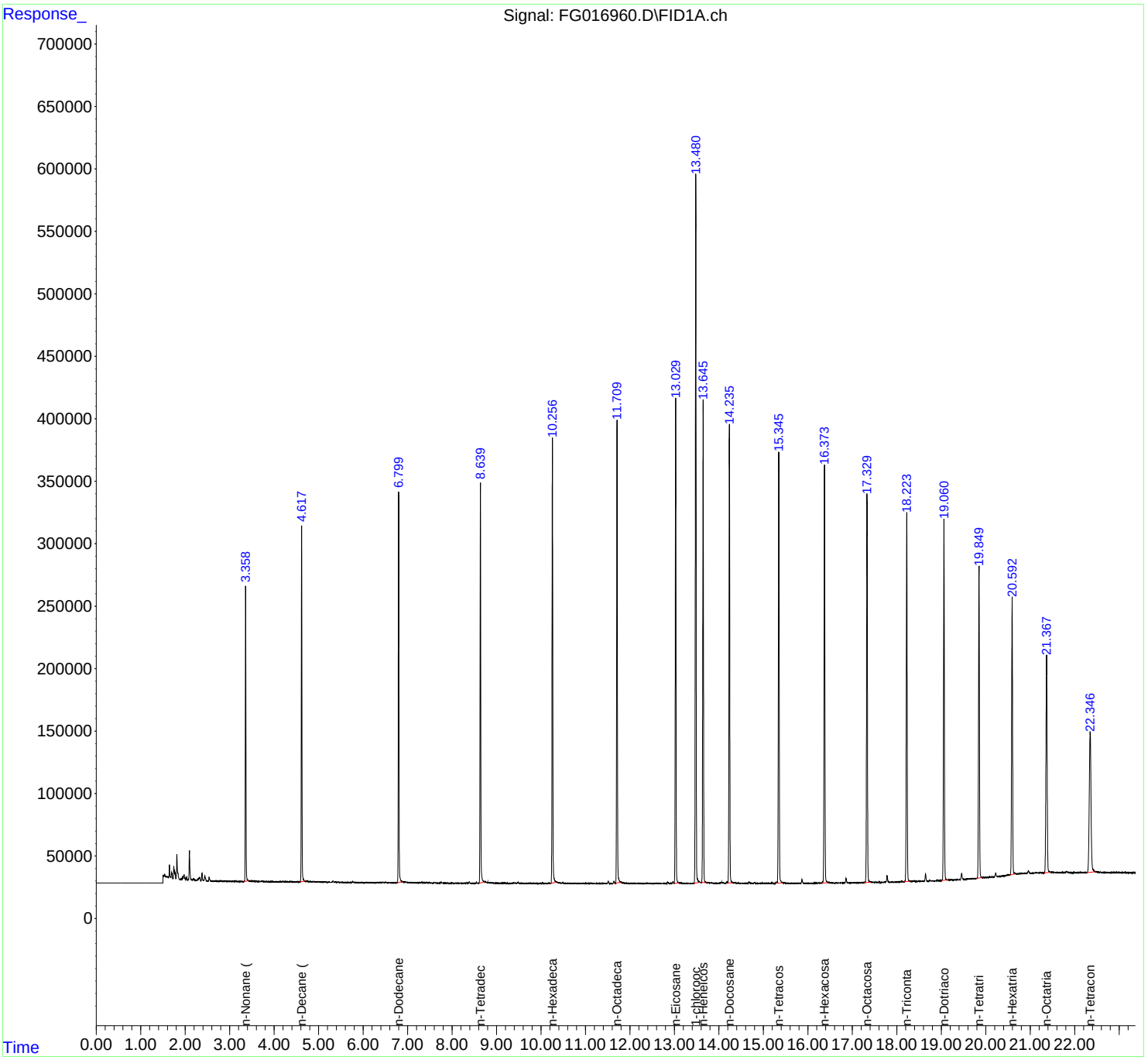
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112025AL\
Data File : FG016960.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2025 14:56
Operator : YP\AJ
Sample : Q3586-03MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
FID_G
**ClientSampleId :**
SED-3MS

Integration File: autoint1.e
Quant Time: Nov 20 23:50:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112025AL\
Data File : FG016960.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2025 14:56
Sample : Q3586-03MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.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 | 3.289 | 3.238 | 3.324 | BV | 23 | -463 | -0.01% | -0.001% |
| 2 | 3.358 | 3.324 | 3.523 | PV | 236223 | 2396405 | 35.06% | 3.013% |
| 3 | 3.530 | 3.523 | 3.555 | VV | 271 | 4778 | 0.07% | 0.006% |
| 4 | 3.573 | 3.555 | 3.589 | VV | 268 | 4392 | 0.06% | 0.006% |
| 5 | 3.602 | 3.589 | 3.622 | VV | 266 | 4462 | 0.07% | 0.006% |
| 6 | 3.640 | 3.622 | 3.661 | VV | 266 | 4235 | 0.06% | 0.005% |
| 7 | 3.672 | 3.661 | 3.713 | VV | 282 | 6433 | 0.09% | 0.008% |
| 8 | 3.735 | 3.713 | 3.790 | VV | 245 | 7573 | 0.11% | 0.010% |
| 9 | 3.810 | 3.790 | 3.838 | VV | 186 | 3122 | 0.05% | 0.004% |
| 10 | 3.850 | 3.838 | 3.865 | VV | 159 | 1456 | 0.02% | 0.002% |
| 11 | 3.880 | 3.865 | 3.893 | VV | 100 | 1370 | 0.02% | 0.002% |
| 12 | 3.905 | 3.893 | 3.922 | VV | 63 | 865 | 0.01% | 0.001% |
| 13 | 3.931 | 3.922 | 3.941 | VV | 65 | 447 | 0.01% | 0.001% |
| 14 | 3.954 | 3.941 | 3.968 | VV | 140 | 1796 | 0.03% | 0.002% |
| 15 | 3.970 | 3.968 | 4.012 | VV | 109 | 1575 | 0.02% | 0.002% |
| 16 | 4.019 | 4.012 | 4.033 | VV | 71 | 811 | 0.01% | 0.001% |
| 17 | 4.049 | 4.033 | 4.068 | VV | 142 | 2221 | 0.03% | 0.003% |
| 18 | 4.074 | 4.068 | 4.132 | VV | 161 | 2860 | 0.04% | 0.004% |
| 19 | 4.157 | 4.132 | 4.174 | VV | 260 | 3465 | 0.05% | 0.004% |
| 20 | 4.191 | 4.174 | 4.210 | VV | 389 | 4499 | 0.07% | 0.006% |
| 21 | 4.226 | 4.210 | 4.245 | VV | 124 | 1811 | 0.03% | 0.002% |
| 22 | 4.266 | 4.245 | 4.315 | VV | 336 | 4929 | 0.07% | 0.006% |
| 23 | 4.362 | 4.315 | 4.381 | VV | 359 | 6822 | 0.10% | 0.009% |
| 24 | 4.387 | 4.381 | 4.408 | VV | 189 | 2222 | 0.03% | 0.003% |
| 25 | 4.412 | 4.408 | 4.455 | VV | 193 | 2905 | 0.04% | 0.004% |
| 26 | 4.458 | 4.455 | 4.482 | VV | 164 | 1615 | 0.02% | 0.002% |
| 27 | 4.529 | 4.482 | 4.545 | VV | 452 | 7714 | 0.11% | 0.010% |
| 28 | 4.561 | 4.545 | 4.583 | VV | 212 | 3211 | 0.05% | 0.004% |
| 29 | 4.618 | 4.583 | 4.717 | VV | 284677 | 2901583 | 42.45% | 3.649% |
| 30 | 4.734 | 4.717 | 4.780 | VV | 750 | 21301 | 0.31% | 0.027% |
| 31 | 4.807 | 4.780 | 4.856 | VV | 635 | 20600 | 0.30% | 0.026% |

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| 32 | 4.872 | 4.856 | 4.886 | VV | 473 | 7364 | 0.11% | 0.009% |
| 33 | 4.905 | 4.886 | 4.923 | VV | 699 | 10314 | 0.15% | 0.013% |
| 34 | 4.930 | 4.923 | 4.945 | VV | 328 | 4062 | 0.06% | 0.005% |
| 35 | 4.954 | 4.945 | 5.021 | VV | 351 | 13649 | 0.20% | 0.017% |
| 36 | 5.037 | 5.021 | 5.091 | VV | 383 | 12027 | 0.18% | 0.015% |
| 37 | 5.106 | 5.091 | 5.193 | VV | 280 | 12727 | 0.19% | 0.016% |
| 38 | 5.207 | 5.193 | 5.274 | VV | 238 | 7431 | 0.11% | 0.009% |
| 39 | 5.324 | 5.274 | 5.353 | VV | 1049 | 18504 | 0.27% | 0.023% |
| 40 | 5.384 | 5.353 | 5.419 | VV | 450 | 8842 | 0.13% | 0.011% |
| 41 | 5.440 | 5.419 | 5.468 | VV | 250 | 4730 | 0.07% | 0.006% |
| 42 | 5.474 | 5.468 | 5.488 | VV | 100 | 1123 | 0.02% | 0.001% |
| 43 | 5.499 | 5.488 | 5.511 | VV | 151 | 1421 | 0.02% | 0.002% |
| 44 | 5.528 | 5.511 | 5.544 | VV | 153 | 2161 | 0.03% | 0.003% |
| 45 | 5.557 | 5.544 | 5.595 | VV | 115 | 2275 | 0.03% | 0.003% |
| 46 | 5.619 | 5.595 | 5.651 | VV | 123 | 2795 | 0.04% | 0.004% |
| 47 | 5.656 | 5.651 | 5.699 | VV | 121 | 2353 | 0.03% | 0.003% |
| 48 | 5.716 | 5.699 | 5.741 | VV | 131 | 2221 | 0.03% | 0.003% |
| 49 | 5.765 | 5.741 | 5.791 | VV | 865 | 12498 | 0.18% | 0.016% |
| 50 | 5.804 | 5.791 | 5.853 | VV | 426 | 7071 | 0.10% | 0.009% |
| 51 | 5.864 | 5.853 | 5.928 | VV | 162 | 5240 | 0.08% | 0.007% |
| 52 | 5.966 | 5.928 | 6.017 | VV | 252 | 7419 | 0.11% | 0.009% |
| 53 | 6.030 | 6.017 | 6.048 | VV | 153 | 1987 | 0.03% | 0.002% |
| 54 | 6.074 | 6.048 | 6.121 | VV | 232 | 4943 | 0.07% | 0.006% |
| 55 | 6.135 | 6.121 | 6.188 | VV | 201 | 4637 | 0.07% | 0.006% |
| 56 | 6.198 | 6.188 | 6.218 | VV | 152 | 1660 | 0.02% | 0.002% |
| 57 | 6.242 | 6.218 | 6.268 | PV | 270 | 3349 | 0.05% | 0.004% |
| 58 | 6.297 | 6.268 | 6.321 | VV | 226 | 3937 | 0.06% | 0.005% |
| 59 | 6.359 | 6.321 | 6.378 | VV | 435 | 8174 | 0.12% | 0.010% |
| 60 | 6.397 | 6.378 | 6.423 | VV | 451 | 6921 | 0.10% | 0.009% |
| 61 | 6.442 | 6.423 | 6.472 | VV | 761 | 11134 | 0.16% | 0.014% |
| 62 | 6.507 | 6.472 | 6.555 | VV | 902 | 13804 | 0.20% | 0.017% |
| 63 | 6.580 | 6.555 | 6.628 | VV | 211 | 6275 | 0.09% | 0.008% |
| 64 | 6.634 | 6.628 | 6.661 | VV | 147 | 1704 | 0.02% | 0.002% |
| 65 | 6.683 | 6.661 | 6.756 | VV | 149 | 5012 | 0.07% | 0.006% |
| 66 | 6.799 | 6.756 | 6.941 | VV | 312293 | 3296351 | 48.23% | 4.145% |
| 67 | 6.952 | 6.941 | 7.012 | VV | 1003 | 27896 | 0.41% | 0.035% |
| 68 | 7.027 | 7.012 | 7.062 | VV | 606 | 13213 | 0.19% | 0.017% |
| 69 | 7.086 | 7.062 | 7.115 | VV | 394 | 9913 | 0.15% | 0.012% |
| 70 | 7.139 | 7.115 | 7.184 | VV | 361 | 11271 | 0.16% | 0.014% |
| 71 | 7.194 | 7.184 | 7.233 | VV | 277 | 6433 | 0.09% | 0.008% |
| 72 | 7.256 | 7.233 | 7.291 | VV | 301 | 7203 | 0.11% | 0.009% |
| 73 | 7.314 | 7.291 | 7.355 | VV | 485 | 12794 | 0.19% | 0.016% |
| 74 | 7.375 | 7.355 | 7.404 | VV | 461 | 9333 | 0.14% | 0.012% |
| 75 | 7.433 | 7.404 | 7.461 | VV | 465 | 11527 | 0.17% | 0.014% |
| 76 | 7.481 | 7.461 | 7.509 | VV | 400 | 6996 | 0.10% | 0.009% |
| 77 | 7.519 | 7.509 | 7.528 | VV | 187 | 1682 | 0.02% | 0.002% |
| 78 | 7.551 | 7.528 | 7.579 | VV | 180 | 3900 | 0.06% | 0.005% |
| 79 | 7.606 | 7.579 | 7.644 | VV | 843 | 11271 | 0.16% | 0.014% |

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|---|---|---|---|---|---|---|---|---|
| 80 | 7.684 | 7.644 | 7.707 | VV | 177 | 4743 | 0.07% | 0.006% |
| 81 | 7.754 | 7.707 | 7.797 | VV | 657 | 14964 | 0.22% | 0.019% |
| 82 | 7.813 | 7.797 | 7.948 | VV | 235 | 9391 | 0.14% | 0.012% |
| 83 | 8.018 | 7.948 | 8.058 | VV | 336 | 6233 | 0.09% | 0.008% |
| 84 | 8.088 | 8.058 | 8.102 | VV | 172 | 2533 | 0.04% | 0.003% |
| 85 | 8.115 | 8.102 | 8.139 | VV | 219 | 2781 | 0.04% | 0.003% |
| 86 | 8.149 | 8.139 | 8.159 | PV | 81 | 712 | 0.01% | 0.001% |
| 87 | 8.185 | 8.159 | 8.227 | VV | 220 | 5194 | 0.08% | 0.007% |
| 88 | 8.241 | 8.227 | 8.268 | VV | 200 | 3622 | 0.05% | 0.005% |
| 89 | 8.285 | 8.268 | 8.303 | VV | 200 | 2795 | 0.04% | 0.004% |
| 90 | 8.330 | 8.303 | 8.364 | VV | 471 | 8133 | 0.12% | 0.010% |
| 91 | 8.386 | 8.364 | 8.445 | VV | 1386 | 18648 | 0.27% | 0.023% |
| 92 | 8.455 | 8.445 | 8.475 | VV | 76 | 1020 | 0.01% | 0.001% |
| 93 | 8.545 | 8.475 | 8.604 | PV | 625 | 13879 | 0.20% | 0.017% |
| 94 | 8.638 | 8.604 | 8.817 | VV | 318480 | 3566496 | 52.18% | 4.485% |
| 95 | 8.828 | 8.817 | 8.865 | VV | 573 | 13767 | 0.20% | 0.017% |
| 96 | 8.876 | 8.865 | 8.960 | VV | 593 | 16685 | 0.24% | 0.021% |
| 97 | 8.996 | 8.960 | 9.087 | VV | 321 | 18091 | 0.26% | 0.023% |
| 98 | 9.104 | 9.087 | 9.118 | VV | 288 | 4279 | 0.06% | 0.005% |
| 99 | 9.123 | 9.118 | 9.148 | VV | 255 | 4488 | 0.07% | 0.006% |
| 100 | 9.158 | 9.148 | 9.171 | VV | 291 | 3589 | 0.05% | 0.005% |
| 101 | 9.185 | 9.171 | 9.235 | VV | 370 | 9062 | 0.13% | 0.011% |
| 102 | 9.242 | 9.235 | 9.282 | VV | 203 | 3194 | 0.05% | 0.004% |
| 103 | 9.296 | 9.282 | 9.319 | VV | 156 | 1645 | 0.02% | 0.002% |
| 104 | 9.373 | 9.319 | 9.391 | VV | 606 | 8901 | 0.13% | 0.011% |
| 105 | 9.404 | 9.391 | 9.418 | VV | 342 | 4515 | 0.07% | 0.006% |
| 106 | 9.437 | 9.418 | 9.451 | VV | 285 | 4434 | 0.06% | 0.006% |
| 107 | 9.483 | 9.451 | 9.531 | VV | 1033 | 19942 | 0.29% | 0.025% |
| 108 | 9.559 | 9.531 | 9.581 | VV | 194 | 2945 | 0.04% | 0.004% |
| 109 | 9.608 | 9.581 | 9.651 | VV | 179 | 2872 | 0.04% | 0.004% |
| 110 | 9.660 | 9.651 | 9.680 | VV | 109 | 1161 | 0.02% | 0.001% |
| 111 | 9.715 | 9.680 | 9.746 | VV | 259 | 5926 | 0.09% | 0.007% |
| 112 | 9.773 | 9.746 | 9.818 | VV | 333 | 6140 | 0.09% | 0.008% |
| 113 | 9.842 | 9.818 | 9.877 | VV | 334 | 5259 | 0.08% | 0.007% |
| 114 | 9.895 | 9.877 | 9.944 | VV | 225 | 2796 | 0.04% | 0.004% |
| 115 | 9.952 | 9.944 | 9.960 | VV | 53 | 298 | 0.00% | 0.000% |
| 116 | 9.988 | 9.960 | 10.014 | PV | 278 | 4410 | 0.06% | 0.006% |
| 117 | 10.034 | 10.014 | 10.080 | VV | 776 | 10028 | 0.15% | 0.013% |
| 118 | 10.104 | 10.080 | 10.115 | PV | 77 | 971 | 0.01% | 0.001% |
| 119 | 10.125 | 10.115 | 10.151 | VV | 80 | 705 | 0.01% | 0.001% |
| 120 | 10.177 | 10.151 | 10.217 | VV | 611 | 9173 | 0.13% | 0.012% |
| 121 | 10.256 | 10.217 | 10.465 | VV | 356688 | 4067358 | 59.51% | 5.115% |
| 122 | 10.486 | 10.465 | 10.535 | VV | 971 | 22065 | 0.32% | 0.028% |
| 123 | 10.541 | 10.535 | 10.555 | VV | 355 | 3327 | 0.05% | 0.004% |
| 124 | 10.581 | 10.555 | 10.618 | VV | 309 | 9892 | 0.14% | 0.012% |
| 125 | 10.649 | 10.618 | 10.714 | VV | 363 | 13287 | 0.19% | 0.017% |
| 126 | 10.735 | 10.714 | 10.788 | VV | 236 | 6839 | 0.10% | 0.009% |

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| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 127 | 10.794 | 10.788 | 10.811 | VV | 151 | 1643 | 0.02% | 0.002% |
| 128 | 10.815 | 10.811 | 10.835 | VV | 139 | 1234 | 0.02% | 0.002% |
| 129 | 10.869 | 10.835 | 10.913 | VV | 153 | 5372 | 0.08% | 0.007% |
| 130 | 10.947 | 10.913 | 10.966 | VV | 315 | 6768 | 0.10% | 0.009% |
| 131 | 11.005 | 10.966 | 11.045 | VV | 468 | 11255 | 0.16% | 0.014% |
| 132 | 11.077 | 11.045 | 11.105 | VV | 244 | 6669 | 0.10% | 0.008% |
| 133 | 11.128 | 11.105 | 11.167 | VV | 463 | 9843 | 0.14% | 0.012% |
| 134 | 11.193 | 11.167 | 11.210 | VV | 250 | 4397 | 0.06% | 0.006% |
| 135 | 11.219 | 11.210 | 11.240 | VV | 181 | 1984 | 0.03% | 0.002% |
| 136 | 11.263 | 11.240 | 11.299 | PV | 112 | 2551 | 0.04% | 0.003% |
| 137 | 11.330 | 11.299 | 11.357 | VV | 307 | 5845 | 0.09% | 0.007% |
| 138 | 11.377 | 11.357 | 11.405 | VV | 423 | 6622 | 0.10% | 0.008% |
| 139 | 11.428 | 11.405 | 11.443 | VV | 207 | 3786 | 0.06% | 0.005% |
| 140 | 11.460 | 11.443 | 11.481 | VV | 156 | 2450 | 0.04% | 0.003% |
| 141 | 11.512 | 11.481 | 11.555 | VV | 2168 | 27658 | 0.40% | 0.035% |
| 142 | 11.562 | 11.555 | 11.592 | VV | 74 | 658 | 0.01% | 0.001% |
| 143 | 11.640 | 11.592 | 11.675 | PV | 2175 | 31242 | 0.46% | 0.039% |
| 144 | 11.709 | 11.675 | 11.972 | VV | 368266 | 4467561 | 65.36% | 5.618% |
| 145 | 12.007 | 11.972 | 12.055 | VV | 339 | 13348 | 0.20% | 0.017% |
| 146 | 12.058 | 12.055 | 12.065 | VV | 251 | 1485 | 0.02% | 0.002% |
| 147 | 12.075 | 12.065 | 12.084 | VV | 257 | 2620 | 0.04% | 0.003% |
| 148 | 12.101 | 12.084 | 12.154 | VV | 290 | 9088 | 0.13% | 0.011% |
| 149 | 12.176 | 12.154 | 12.252 | VV | 437 | 12523 | 0.18% | 0.016% |
| 150 | 12.262 | 12.252 | 12.292 | VV | 141 | 2484 | 0.04% | 0.003% |
| 151 | 12.318 | 12.292 | 12.338 | VV | 152 | 3360 | 0.05% | 0.004% |
| 152 | 12.383 | 12.338 | 12.415 | VV | 381 | 10154 | 0.15% | 0.013% |
| 153 | 12.426 | 12.415 | 12.459 | VV | 187 | 3333 | 0.05% | 0.004% |
| 154 | 12.482 | 12.459 | 12.493 | VV | 186 | 2212 | 0.03% | 0.003% |
| 155 | 12.521 | 12.493 | 12.559 | VV | 190 | 4974 | 0.07% | 0.006% |
| 156 | 12.603 | 12.559 | 12.641 | VV | 284 | 7644 | 0.11% | 0.010% |
| 157 | 12.673 | 12.641 | 12.705 | VV | 262 | 4821 | 0.07% | 0.006% |
| 158 | 12.722 | 12.705 | 12.738 | VV | 173 | 2340 | 0.03% | 0.003% |
| 159 | 12.764 | 12.738 | 12.791 | VV | 272 | 4890 | 0.07% | 0.006% |
| 160 | 12.849 | 12.791 | 12.934 | VV | 1099 | 25454 | 0.37% | 0.032% |
| 161 | 12.968 | 12.934 | 12.991 | PV | 1596 | 21288 | 0.31% | 0.027% |
| 162 | 13.029 | 12.991 | 13.132 | VV | 388388 | 4607273 | 67.41% | 5.794% |
| 163 | 13.145 | 13.132 | 13.268 | VV | 561 | 20398 | 0.30% | 0.026% |
| 164 | 13.284 | 13.268 | 13.305 | VV | 169 | 3193 | 0.05% | 0.004% |
| 165 | 13.307 | 13.305 | 13.335 | VV | 161 | 2075 | 0.03% | 0.003% |
| 166 | 13.343 | 13.335 | 13.370 | VV | 122 | 2166 | 0.03% | 0.003% |
| 167 | 13.480 | 13.370 | 13.607 | VV | 567955 | 6834862 | 100.00% | 8.595% |
| 168 | 13.646 | 13.607 | 13.808 | VV | 381161 | 4653619 | 68.09% | 5.852% |
| 169 | 13.826 | 13.808 | 13.894 | VV | 590 | 21423 | 0.31% | 0.027% |
| 170 | 13.925 | 13.894 | 13.975 | VV | 377 | 14284 | 0.21% | 0.018% |
| 171 | 13.992 | 13.975 | 14.004 | VV | 278 | 4694 | 0.07% | 0.006% |
| 172 | 14.025 | 14.004 | 14.040 | VV | 580 | 8802 | 0.13% | 0.011% |
| 173 | 14.075 | 14.040 | 14.151 | VV | 1078 | 31973 | 0.47% | 0.040% |
| 174 | 14.182 | 14.151 | 14.199 | VV | 1736 | 24901 | 0.36% | 0.031% |

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|---|---|---|---|---|---|---|---|---|
| 175 | 14.235 | 14.199 | 14.343 | VV | 365431 | 4609098 | 67.44% | 5.796% |
| 176 | 14.363 | 14.343 | 14.405 | VV | 686 | 16228 | 0.24% | 0.020% |
| 177 | 14.435 | 14.405 | 14.533 | VV | 376 | 21313 | 0.31% | 0.027% |
| 178 | 14.538 | 14.533 | 14.555 | VV | 225 | 2309 | 0.03% | 0.003% |
| 179 | 14.562 | 14.555 | 14.616 | VV | 213 | 6236 | 0.09% | 0.008% |
| 180 | 14.631 | 14.616 | 14.647 | VV | 169 | 2881 | 0.04% | 0.004% |
| 181 | 14.680 | 14.647 | 14.770 | VV | 1285 | 30902 | 0.45% | 0.039% |
| 182 | 14.801 | 14.770 | 14.851 | VV | 1001 | 17888 | 0.26% | 0.022% |
| 183 | 14.970 | 14.851 | 14.989 | VV | 320 | 13992 | 0.20% | 0.018% |
| 184 | 15.006 | 14.989 | 15.041 | VV | 175 | 4194 | 0.06% | 0.005% |
| 185 | 15.082 | 15.041 | 15.111 | VV | 170 | 4823 | 0.07% | 0.006% |
| 186 | 15.118 | 15.111 | 15.135 | VV | 140 | 1425 | 0.02% | 0.002% |
| 187 | 15.156 | 15.135 | 15.167 | VV | 143 | 1897 | 0.03% | 0.002% |
| 188 | 15.190 | 15.167 | 15.253 | VV | 505 | 10485 | 0.15% | 0.013% |
| 189 | 15.300 | 15.253 | 15.310 | VV | 1201 | 15556 | 0.23% | 0.020% |
| 190 | 15.347 | 15.310 | 15.496 | VV | 339925 | 4562189 | 66.75% | 5.737% |
| 191 | 15.512 | 15.496 | 15.606 | VV | 286 | 10125 | 0.15% | 0.013% |
| 192 | 15.622 | 15.606 | 15.703 | VV | 156 | 5025 | 0.07% | 0.006% |
| 193 | 15.723 | 15.703 | 15.751 | VV | 112 | 2203 | 0.03% | 0.003% |
| 194 | 15.761 | 15.751 | 15.808 | VV | 94 | 2030 | 0.03% | 0.003% |
| 195 | 15.870 | 15.808 | 15.966 | VV | 2590 | 39685 | 0.58% | 0.050% |
| 196 | 15.973 | 15.966 | 15.987 | VV | 75 | 308 | 0.00% | 0.000% |
| 197 | 16.045 | 15.987 | 16.101 | PV | 94 | 3920 | 0.06% | 0.005% |
| 198 | 16.119 | 16.101 | 16.131 | VV | 63 | 643 | 0.01% | 0.001% |
| 199 | 16.151 | 16.131 | 16.161 | VV | 93 | 925 | 0.01% | 0.001% |
| 200 | 16.192 | 16.161 | 16.221 | VV | 136 | 3269 | 0.05% | 0.004% |
| 201 | 16.240 | 16.221 | 16.286 | VV | 230 | 4609 | 0.07% | 0.006% |
| 202 | 16.375 | 16.286 | 16.531 | VV | 333802 | 4421416 | 64.69% | 5.560% |
| 203 | 16.545 | 16.531 | 16.615 | VV | 203 | 6008 | 0.09% | 0.008% |
| 204 | 16.684 | 16.615 | 16.714 | VV | 252 | 5277 | 0.08% | 0.007% |
| 205 | 16.736 | 16.714 | 16.787 | VV | 113 | 2268 | 0.03% | 0.003% |
| 206 | 16.859 | 16.787 | 16.921 | VV | 3581 | 54224 | 0.79% | 0.068% |
| 207 | 16.932 | 16.921 | 16.983 | VV | 80 | 1410 | 0.02% | 0.002% |
| 208 | 17.037 | 16.983 | 17.056 | PV | 148 | 3108 | 0.05% | 0.004% |
| 209 | 17.095 | 17.056 | 17.121 | VV | 110 | 2665 | 0.04% | 0.003% |
| 210 | 17.164 | 17.121 | 17.188 | PV | 130 | 2785 | 0.04% | 0.004% |
| 211 | 17.210 | 17.188 | 17.263 | VV | 259 | 4718 | 0.07% | 0.006% |
| 212 | 17.330 | 17.263 | 17.481 | VV | 308816 | 4241391 | 62.06% | 5.333% |
| 213 | 17.493 | 17.481 | 17.525 | VV | 182 | 4032 | 0.06% | 0.005% |
| 214 | 17.543 | 17.525 | 17.555 | VV | 175 | 2642 | 0.04% | 0.003% |
| 215 | 17.573 | 17.555 | 17.595 | VV | 177 | 3385 | 0.05% | 0.004% |
| 216 | 17.614 | 17.595 | 17.642 | VV | 166 | 3270 | 0.05% | 0.004% |
| 217 | 17.673 | 17.642 | 17.689 | VV | 153 | 2048 | 0.03% | 0.003% |
| 218 | 17.782 | 17.689 | 17.850 | PV | 5180 | 82982 | 1.21% | 0.104% |
| 219 | 17.894 | 17.850 | 17.925 | VV | 153 | 4453 | 0.07% | 0.006% |
| 220 | 17.954 | 17.925 | 17.973 | VV | 91 | 1674 | 0.02% | 0.002% |
| 221 | 17.991 | 17.973 | 18.026 | PV | 102 | 1707 | 0.02% | 0.002% |

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|---|---|---|---|---|---|---|---|---|
| 222 | 18.063 | 18.026 | 18.086 | PV | 169 | 2497 | 0.04% | 0.003% |
| 223 | 18.113 | 18.086 | 18.145 | VV | 894 | 12501 | 0.18% | 0.016% |
| 224 | 18.223 | 18.145 | 18.341 | PV | 296195 | 3995383 | 58.46% | 5.024% |
| 225 | 18.372 | 18.341 | 18.445 | VV | 571 | 17016 | 0.25% | 0.021% |
| 226 | 18.499 | 18.445 | 18.518 | VV | 282 | 5081 | 0.07% | 0.006% |
| 227 | 18.546 | 18.518 | 18.595 | VV | 146 | 3594 | 0.05% | 0.005% |
| 228 | 18.646 | 18.595 | 18.692 | VV | 5935 | 83525 | 1.22% | 0.105% |
| 229 | 18.740 | 18.692 | 18.788 | VV | 621 | 10252 | 0.15% | 0.013% |
| 230 | 18.908 | 18.788 | 18.932 | PV | 298 | 4291 | 0.06% | 0.005% |
| 231 | 18.954 | 18.932 | 18.976 | VV | 137 | 2111 | 0.03% | 0.003% |
| 232 | 19.060 | 18.976 | 19.148 | PV | 281328 | 3794199 | 55.51% | 4.771% |
| 233 | 19.163 | 19.148 | 19.192 | VV | 395 | 8028 | 0.12% | 0.010% |
| 234 | 19.216 | 19.192 | 19.271 | VV | 304 | 8236 | 0.12% | 0.010% |
| 235 | 19.315 | 19.271 | 19.338 | VV | 269 | 5059 | 0.07% | 0.006% |
| 236 | 19.358 | 19.338 | 19.395 | VV | 182 | 3053 | 0.04% | 0.004% |
| 237 | 19.457 | 19.395 | 19.531 | PV | 5127 | 81940 | 1.20% | 0.103% |
| 238 | 19.569 | 19.531 | 19.588 | VV | 398 | 4774 | 0.07% | 0.006% |
| 239 | 19.708 | 19.588 | 19.735 | VV | 447 | 19949 | 0.29% | 0.025% |
| 240 | 19.752 | 19.735 | 19.777 | VV | 330 | 5998 | 0.09% | 0.008% |
| 241 | 19.849 | 19.777 | 19.953 | VV | 249052 | 3626049 | 53.05% | 4.560% |
| 242 | 19.965 | 19.953 | 19.971 | VV | 625 | 6808 | 0.10% | 0.009% |
| 243 | 20.004 | 19.971 | 20.024 | VV | 693 | 19090 | 0.28% | 0.024% |
| 244 | 20.092 | 20.024 | 20.110 | VV | 788 | 32651 | 0.48% | 0.041% |
| 245 | 20.137 | 20.110 | 20.184 | VV | 898 | 33505 | 0.49% | 0.042% |
| 246 | 20.224 | 20.184 | 20.265 | VV | 3885 | 81104 | 1.19% | 0.102% |
| 247 | 20.289 | 20.265 | 20.300 | VV | 886 | 18437 | 0.27% | 0.023% |
| 248 | 20.410 | 20.300 | 20.422 | VV | 1182 | 72513 | 1.06% | 0.091% |
| 249 | 20.461 | 20.422 | 20.473 | VV | 1408 | 38614 | 0.56% | 0.049% |
| 250 | 20.499 | 20.473 | 20.527 | VV | 1862 | 51107 | 0.75% | 0.064% |
| 251 | 20.593 | 20.527 | 20.698 | VV | 223850 | 3532510 | 51.68% | 4.442% |
| 252 | 20.777 | 20.698 | 20.791 | VV | 2187 | 120160 | 1.76% | 0.151% |
| 253 | 20.827 | 20.791 | 20.840 | VV | 2259 | 64524 | 0.94% | 0.081% |
| 254 | 20.866 | 20.840 | 20.898 | VV | 2343 | 77264 | 1.13% | 0.097% |
| 255 | 20.960 | 20.898 | 21.021 | VV | 3974 | 186780 | 2.73% | 0.235% |
| 256 | 21.062 | 21.021 | 21.074 | VV | 2045 | 64778 | 0.95% | 0.081% |
| 257 | 21.151 | 21.074 | 21.184 | VV | 2182 | 137065 | 2.01% | 0.172% |
| 258 | 21.218 | 21.184 | 21.251 | VV | 1978 | 76945 | 1.13% | 0.097% |
| 259 | 21.262 | 21.251 | 21.295 | VV | 1868 | 46913 | 0.69% | 0.059% |
| 260 | 21.367 | 21.295 | 21.634 | VV | 176062 | 3570388 | 52.24% | 4.490% |
| 261 | 21.654 | 21.634 | 21.678 | VV | 1304 | 33209 | 0.49% | 0.042% |
| 262 | 21.721 | 21.678 | 21.765 | VV | 1248 | 60432 | 0.88% | 0.076% |
| 263 | 21.823 | 21.765 | 21.918 | VV | 1698 | 99421 | 1.45% | 0.125% |
| 264 | 21.931 | 21.918 | 21.941 | VV | 760 | 9921 | 0.15% | 0.012% |
| 265 | 21.955 | 21.941 | 21.991 | VV | 704 | 17982 | 0.26% | 0.023% |
| 266 | 22.000 | 21.991 | 22.025 | VV | 557 | 10108 | 0.15% | 0.013% |
| 267 | 22.040 | 22.025 | 22.051 | VV | 471 | 7146 | 0.10% | 0.009% |
| 268 | 22.083 | 22.051 | 22.135 | VV | 406 | 16881 | 0.25% | 0.021% |
| 269 | 22.147 | 22.135 | 22.178 | VV | 262 | 5692 | 0.08% | 0.007% |

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| | | | | | rteres | | | |
| 270 | 22.205 | 22.178 | 22.232 | VV | 168 | 4410 | 0.06% | 0.006% |
| 271 | 22.251 | 22.232 | 22.260 | VV | 77 | 1072 | 0.02% | 0.001% |
| 272 | 22.348 | 22.260 | 22.501 | PBA | 111503 | 3102856 | 45.40% | 3.902% |
| | | | | Sum of corrected areas: | | 79524416 | | |

Aliphatic EPH 102925.M Fri Nov 21 00:25:13 2025

Quantitation Report (QT Reviewed)

Sample Results: **FF016727.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
Data File : FF016727.D
Signal(s) : FID2B.ch
Acq On : 17 Nov 2025 20:29
Operator : YP\AJ
Sample : Q3586-03MSD
Misc :
ALS Vial : 81 Sample Multiplier: 1

**Instrument :**
FID_F
**ClientSampleId :**
SED-3MSD

Integration File: autoint1.e
Quant Time: Nov 18 00:37:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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

| | Compound | R.T. | Response | Conc Units |
|---|---|---|---|---|
| | **System Monitoring Compounds** | | | |
| 4) S | 2-Bromonaphthalene (S... | 8.010 | 5451012 | 48.102 ug/ml |
| Spiked Amount | 50.000 | | Recovery = | 96.20% |
| 6) S | 2-Flurobiphenyl (SURR) | 8.886 | 3671951 | 51.485 ug/ml |
| Spiked Amount | 50.000 Range | 0 - 131 | Recovery = | 102.97% |
| 11) S | ortho-Terphenyl (SURR) | 11.953 | 5206037 | 35.451 ug/ml |
| Spiked Amount | 50.000 | | Recovery = | 70.90% |
| | **Target Compounds** | | | |
| 1) T | 1,2,3-Trimethylbenzen... | 4.602 | 3638107 | 27.638 ug/ml |
| 2) T | Naphthalene (C11.7) | 6.278 | 3915385 | 29.597 ug/ml |
| 3) T | 2-Methylnaphthalene (... | 7.379 | 3658291 | 27.519 ug/ml |
| 5) T | Acenaphthylene (C15.06) | 8.685 | 4338030 | 32.109 ug/ml |
| 7) T | Acenaphthene (C15.5) | 8.985 | 4454430 | 32.405 ug/ml |
| 8) T | Flouorene (C16.55) | 9.775 | 4650800 | 35.723 ug/ml |
| 9) T | Phenanthrene (C19.36) | 11.184 | 4835762 | 36.571 ug/ml |
| 10) T | Anthracene (C19.43) | 11.259 | 5008654 | 36.962 ug/ml |
| 12) T | Fluoranthene (C21.85) | 13.009 | 4947576 | 36.051 ug/ml |
| 13) T | Pyrene (C20.8) | 13.308 | 4847947 | 35.375 ug/ml |
| 14) T | Benzo[a]anthracene (C... | 15.194 | 4464980 | 39.204 ug/ml |
| 15) T | Chrysene (C27.41) | 15.238 | 5420407 | 38.411 ug/ml |
| 16) T | benzo[b]fluoranthene ... | 16.759 | 4465931 | 40.184 ug/ml |
| 17) T | Bnezo[k]fluoranthene ... | 16.792 | 4633293 | 37.933 ug/ml |
| 18) T | Benzo[a]pyrene (C31.34) | 17.140 | 4384198 | 39.947 ug/ml |
| 19) T | Indeno[1,2,3-cd]pyren... | 18.520 | 4569764 | 53.105 ug/ml |
| 20) T | Dibenz[a,h]anthracene... | 18.557 | 4852505 | 36.847 ug/ml |
| 21) T | Benzo[g,h,i]perylene ... | 18.777 | 4789362 | 45.194 ug/ml |

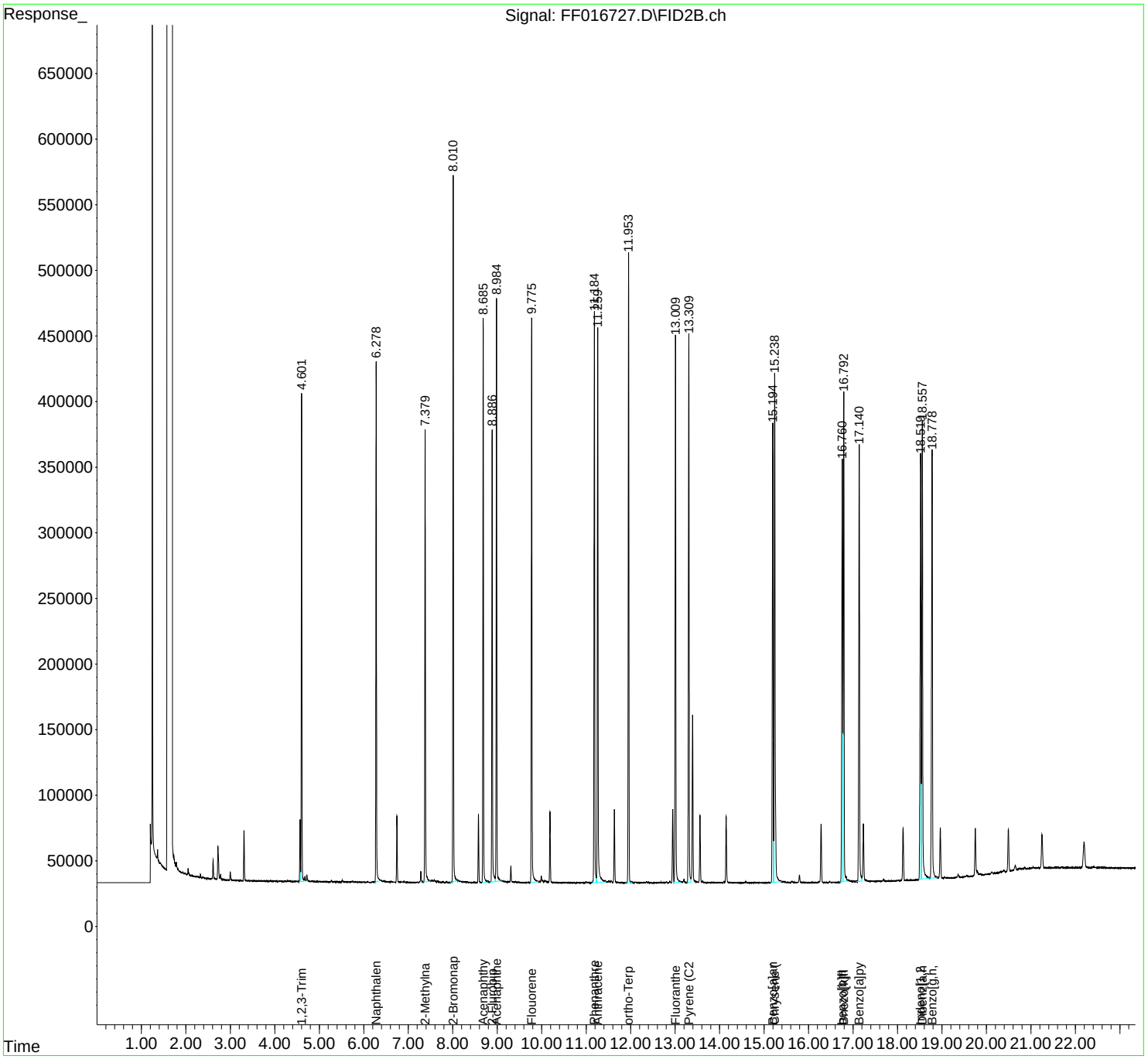
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
Data File : FF016727.D
Signal(s) : FID2B.ch
Acq On : 17 Nov 2025 20:29
Operator : YP\AJ
Sample : Q3586-03MSD
Misc :
ALS Vial : 81 Sample Multiplier: 1

**Instrument :**
FID_F
**ClientSampleId :**
SED-3MSD

Integration File: autoint1.e
Quant Time: Nov 18 00:37:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
Data File : FF016727.D
Signal(s) : FID2B.ch
Acq On : 17 Nov 2025 20:29
Sample : Q3586-03MSD
Misc :
ALS Vial : 81 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Title : GC Extractables

Signal : FID2B.ch

| peak # | R.T. min | Start min | End min | PK TY | peak height | peak area | peak % max. | % of total |
|---|---|---|---|---|---|---|---|---|
| 1 | 4.477 | 4.454 | 4.498 | PV | 304 | 3549 | 0.06% | 0.003% |
| 2 | 4.567 | 4.525 | 4.582 | PV | 47383 | 465494 | 8.41% | 0.431% |
| 3 | 4.602 | 4.582 | 4.658 | VV | 371623 | 3647919 | 65.91% | 3.378% |
| 4 | 4.676 | 4.658 | 4.702 | VV | 3983 | 51946 | 0.94% | 0.048% |
| 5 | 4.721 | 4.702 | 4.772 | VV | 5183 | 76887 | 1.39% | 0.071% |
| 6 | 4.775 | 4.772 | 4.806 | VV | 421 | 7394 | 0.13% | 0.007% |
| 7 | 4.820 | 4.806 | 4.835 | VV | 547 | 6309 | 0.11% | 0.006% |
| 8 | 4.853 | 4.835 | 4.873 | VV | 746 | 10010 | 0.18% | 0.009% |
| 9 | 4.886 | 4.873 | 4.910 | VV | 304 | 5681 | 0.10% | 0.005% |
| 10 | 4.914 | 4.910 | 4.925 | VV | 287 | 2135 | 0.04% | 0.002% |
| 11 | 4.933 | 4.925 | 4.949 | VV | 278 | 3297 | 0.06% | 0.003% |
| 12 | 4.955 | 4.949 | 4.975 | VV | 323 | 3965 | 0.07% | 0.004% |
| 13 | 4.985 | 4.975 | 5.003 | VV | 338 | 4255 | 0.08% | 0.004% |
| 14 | 5.009 | 5.003 | 5.023 | VV | 246 | 2511 | 0.05% | 0.002% |
| 15 | 5.028 | 5.023 | 5.054 | VV | 235 | 3380 | 0.06% | 0.003% |
| 16 | 5.064 | 5.054 | 5.081 | VV | 336 | 4047 | 0.07% | 0.004% |
| 17 | 5.087 | 5.081 | 5.096 | VV | 272 | 1639 | 0.03% | 0.002% |
| 18 | 5.115 | 5.107 | 5.143 | VV | 198 | 2490 | 0.04% | 0.002% |
| 19 | 5.158 | 5.143 | 5.208 | VV | 184 | 3992 | 0.07% | 0.004% |
| 20 | 5.272 | 5.223 | 5.307 | VV | 1367 | 21388 | 0.39% | 0.020% |
| 21 | 5.325 | 5.307 | 5.349 | VV | 357 | 5788 | 0.10% | 0.005% |
| 22 | 5.359 | 5.349 | 5.373 | VV | 219 | 2128 | 0.04% | 0.002% |
| 23 | 5.390 | 5.373 | 5.448 | VV | 281 | 5820 | 0.11% | 0.005% |
| 24 | 5.480 | 5.465 | 5.496 | VV | 161 | 1241 | 0.02% | 0.001% |
| 25 | 5.516 | 5.496 | 5.569 | PV | 1352 | 22927 | 0.41% | 0.021% |
| 26 | 5.571 | 5.569 | 5.586 | VV | 285 | 2127 | 0.04% | 0.002% |
| 27 | 5.591 | 5.586 | 5.602 | VV | 222 | 1596 | 0.03% | 0.001% |
| 28 | 5.607 | 5.602 | 5.628 | VV | 179 | 1438 | 0.03% | 0.001% |
| 29 | 5.636 | 5.628 | 5.648 | VV | 114 | 1130 | 0.02% | 0.001% |
| 30 | 5.652 | 5.648 | 5.671 | VV | 139 | 1325 | 0.02% | 0.001% |
| 31 | 5.709 | 5.689 | 5.725 | PV | 556 | 6781 | 0.12% | 0.006% |
| 32 | 5.739 | 5.725 | 5.744 | VV | 447 | 3748 | 0.07% | 0.003% |
| 33 | 5.755 | 5.744 | 5.780 | VV | 465 | 5323 | 0.10% | 0.005% |
| 34 | 5.787 | 5.780 | 5.802 | VV | 180 | 1432 | 0.03% | 0.001% |
| 35 | 5.809 | 5.802 | 5.856 | VV | 144 | 2318 | 0.04% | 0.002% |
| 36 | 5.905 | 5.893 | 5.941 | VV | 234 | 3390 | 0.06% | 0.003% |

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|---|---|---|---|---|---|---|---|---|
| 37 | 5.971 | 5.962 | 5.992 | VV | 182 | 1916 | 0.03% | 0.002% |
| 38 | 6.022 | 5.992 | 6.040 | VV | 223 | 3965 | 0.07% | 0.004% |
| 39 | 6.062 | 6.040 | 6.071 | VV | 184 | 1725 | 0.03% | 0.002% |
| 40 | 6.080 | 6.071 | 6.098 | VV | 288 | 2793 | 0.05% | 0.003% |
| 41 | 6.147 | 6.119 | 6.166 | VV | 162 | 1229 | 0.02% | 0.001% |
| 42 | 6.196 | 6.166 | 6.232 | PV | 615 | 9030 | 0.16% | 0.008% |
| 43 | 6.239 | 6.232 | 6.249 | VV | 212 | 1543 | 0.03% | 0.001% |
| 44 | 6.278 | 6.249 | 6.374 | VV | 396548 | 3972706 | 71.78% | 3.678% |
| 45 | 6.388 | 6.374 | 6.424 | VV | 1880 | 39804 | 0.72% | 0.037% |
| 46 | 6.426 | 6.424 | 6.436 | VV | 908 | 5974 | 0.11% | 0.006% |
| 47 | 6.453 | 6.436 | 6.486 | VV | 1514 | 30186 | 0.55% | 0.028% |
| 48 | 6.492 | 6.486 | 6.500 | VV | 636 | 4776 | 0.09% | 0.004% |
| 49 | 6.517 | 6.500 | 6.557 | VV | 700 | 20126 | 0.36% | 0.019% |
| 50 | 6.562 | 6.557 | 6.568 | VV | 478 | 2959 | 0.05% | 0.003% |
| 51 | 6.574 | 6.568 | 6.578 | VV | 521 | 3069 | 0.06% | 0.003% |
| 52 | 6.586 | 6.578 | 6.598 | VV | 538 | 5741 | 0.10% | 0.005% |
| 53 | 6.613 | 6.598 | 6.619 | VV | 463 | 5253 | 0.09% | 0.005% |
| 54 | 6.624 | 6.619 | 6.677 | VV | 363 | 10900 | 0.20% | 0.010% |
| 55 | 6.683 | 6.677 | 6.689 | VV | 306 | 1855 | 0.03% | 0.002% |
| 56 | 6.703 | 6.689 | 6.709 | VV | 228 | 2299 | 0.04% | 0.002% |
| 57 | 6.745 | 6.716 | 6.814 | VV | 50780 | 533712 | 9.64% | 0.494% |
| 58 | 6.820 | 6.814 | 6.822 | VV | 442 | 1824 | 0.03% | 0.002% |
| 59 | 6.828 | 6.822 | 6.847 | VV | 501 | 5891 | 0.11% | 0.005% |
| 60 | 6.867 | 6.847 | 6.880 | VV | 429 | 6290 | 0.11% | 0.006% |
| 61 | 6.900 | 6.880 | 6.923 | VV | 679 | 10011 | 0.18% | 0.009% |
| 62 | 6.934 | 6.923 | 6.951 | VV | 351 | 3635 | 0.07% | 0.003% |
| 63 | 6.975 | 6.951 | 7.000 | VV | 421 | 6949 | 0.13% | 0.006% |
| 64 | 7.029 | 7.018 | 7.065 | VV | 257 | 3928 | 0.07% | 0.004% |
| 65 | 7.081 | 7.065 | 7.104 | VV | 220 | 3095 | 0.06% | 0.003% |
| 66 | 7.153 | 7.122 | 7.173 | PV | 296 | 5251 | 0.09% | 0.005% |
| 67 | 7.202 | 7.173 | 7.238 | VV | 343 | 6838 | 0.12% | 0.006% |
| 68 | 7.283 | 7.238 | 7.341 | VV | 8615 | 118812 | 2.15% | 0.110% |
| 69 | 7.379 | 7.341 | 7.504 | VV | 345006 | 3729251 | 67.38% | 3.453% |
| 70 | 7.520 | 7.504 | 7.536 | VV | 1864 | 28291 | 0.51% | 0.026% |
| 71 | 7.551 | 7.536 | 7.567 | VV | 1713 | 25359 | 0.46% | 0.023% |
| 72 | 7.584 | 7.567 | 7.597 | VV | 1887 | 27482 | 0.50% | 0.025% |
| 73 | 7.608 | 7.597 | 7.643 | VV | 1513 | 28271 | 0.51% | 0.026% |
| 74 | 7.660 | 7.643 | 7.682 | VV | 1291 | 20625 | 0.37% | 0.019% |
| 75 | 7.695 | 7.682 | 7.715 | VV | 709 | 11593 | 0.21% | 0.011% |
| 76 | 7.724 | 7.715 | 7.742 | VV | 432 | 6514 | 0.12% | 0.006% |
| 77 | 7.754 | 7.742 | 7.772 | VV | 684 | 10217 | 0.18% | 0.009% |
| 78 | 7.784 | 7.772 | 7.814 | VV | 588 | 9482 | 0.17% | 0.009% |
| 79 | 7.822 | 7.814 | 7.839 | VV | 232 | 2898 | 0.05% | 0.003% |
| 80 | 7.869 | 7.839 | 7.890 | VV | 697 | 10968 | 0.20% | 0.010% |
| 81 | 7.924 | 7.890 | 7.945 | VV | 363 | 7904 | 0.14% | 0.007% |
| 82 | 7.965 | 7.945 | 7.978 | VV | 766 | 6091 | 0.11% | 0.006% |
| 83 | 8.010 | 7.978 | 8.107 | VV | 539763 | 5534308 | 100.00% | 5.124% |
| 84 | 8.113 | 8.107 | 8.219 | VV | 1746 | 75088 | 1.36% | 0.070% |
| 85 | 8.225 | 8.219 | 8.249 | VV | 624 | 9959 | 0.18% | 0.009% |
| 86 | 8.270 | 8.249 | 8.302 | VV | 659 | 15953 | 0.29% | 0.015% |
| 87 | 8.327 | 8.302 | 8.357 | VV | 649 | 14065 | 0.25% | 0.013% |
| 88 | 8.364 | 8.357 | 8.389 | VV | 367 | 5721 | 0.10% | 0.005% |
| 89 | 8.396 | 8.389 | 8.420 | VV | 315 | 4375 | 0.08% | 0.004% |

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|---|---|---|---|---|---|---|---|---|
| 90 | 8.432 | 8.420 | 8.449 | VV | 208 | 2919 | 0.05% | 0.003% |
| 91 | 8.453 | 8.449 | 8.462 | VV | 224 | 1524 | 0.03% | 0.001% |
| 92 | 8.481 | 8.462 | 8.530 | VV | 508 | 12060 | 0.22% | 0.011% |
| 93 | 8.579 | 8.538 | 8.639 | VV | 52676 | 559541 | 10.11% | 0.518% |
| 94 | 8.641 | 8.639 | 8.650 | VV | 247 | 1219 | 0.02% | 0.001% |
| 95 | 8.685 | 8.650 | 8.801 | VV | 431162 | 4374852 | 79.05% | 4.051% |
| 96 | 8.813 | 8.801 | 8.844 | VV | 810 | 16450 | 0.30% | 0.015% |
| 97 | 8.847 | 8.844 | 8.853 | VV | 442 | 2341 | 0.04% | 0.002% |
| 98 | 8.886 | 8.853 | 8.956 | VV | 344934 | 3719425 | 67.21% | 3.444% |
| 99 | 8.985 | 8.956 | 9.107 | VV | 444714 | 4562376 | 82.44% | 4.224% |
| 100 | 9.110 | 9.107 | 9.115 | VV | 1483 | 7396 | 0.13% | 0.007% |
| 101 | 9.119 | 9.115 | 9.169 | VV | 1497 | 38533 | 0.70% | 0.036% |
| 102 | 9.176 | 9.169 | 9.222 | VV | 955 | 25490 | 0.46% | 0.024% |
| 103 | 9.235 | 9.222 | 9.256 | VV | 778 | 13771 | 0.25% | 0.013% |
| 104 | 9.269 | 9.256 | 9.284 | VV | 797 | 12817 | 0.23% | 0.012% |
| 105 | 9.307 | 9.284 | 9.373 | VV | 12863 | 158961 | 2.87% | 0.147% |
| 106 | 9.383 | 9.373 | 9.402 | VV | 800 | 12185 | 0.22% | 0.011% |
| 107 | 9.421 | 9.402 | 9.450 | VV | 1002 | 21577 | 0.39% | 0.020% |
| 108 | 9.462 | 9.450 | 9.522 | VV | 586 | 18286 | 0.33% | 0.017% |
| 109 | 9.541 | 9.522 | 9.565 | VV | 293 | 5435 | 0.10% | 0.005% |
| 110 | 9.600 | 9.565 | 9.622 | VV | 278 | 7197 | 0.13% | 0.007% |
| 111 | 9.632 | 9.622 | 9.642 | VV | 294 | 2775 | 0.05% | 0.003% |
| 112 | 9.651 | 9.642 | 9.661 | VV | 246 | 2111 | 0.04% | 0.002% |
| 113 | 9.667 | 9.661 | 9.676 | VV | 176 | 1227 | 0.02% | 0.001% |
| 114 | 9.700 | 9.676 | 9.729 | VV | 303 | 5919 | 0.11% | 0.005% |
| 115 | 9.733 | 9.729 | 9.742 | VV | 179 | 1099 | 0.02% | 0.001% |
| 116 | 9.775 | 9.742 | 9.907 | VV | 430066 | 4700649 | 84.94% | 4.353% |
| 117 | 9.911 | 9.907 | 9.949 | VV | 1235 | 26380 | 0.48% | 0.024% |
| 118 | 9.992 | 9.949 | 10.043 | VV | 5399 | 108577 | 1.96% | 0.101% |
| 119 | 10.066 | 10.043 | 10.098 | VV | 2030 | 43884 | 0.79% | 0.041% |
| 120 | 10.106 | 10.098 | 10.156 | VV | 1228 | 27572 | 0.50% | 0.026% |
| 121 | 10.187 | 10.156 | 10.247 | VV | 54378 | 620599 | 11.21% | 0.575% |
| 122 | 10.255 | 10.247 | 10.278 | VV | 486 | 7616 | 0.14% | 0.007% |
| 123 | 10.288 | 10.278 | 10.323 | VV | 349 | 7404 | 0.13% | 0.007% |
| 124 | 10.342 | 10.323 | 10.354 | VV | 321 | 4622 | 0.08% | 0.004% |
| 125 | 10.357 | 10.354 | 10.367 | VV | 306 | 2055 | 0.04% | 0.002% |
| 126 | 10.369 | 10.367 | 10.400 | VV | 278 | 3607 | 0.07% | 0.003% |
| 127 | 10.407 | 10.400 | 10.422 | VV | 302 | 3092 | 0.06% | 0.003% |
| 128 | 10.425 | 10.422 | 10.434 | VV | 241 | 1375 | 0.02% | 0.001% |
| 129 | 10.437 | 10.434 | 10.452 | VV | 187 | 1722 | 0.03% | 0.002% |
| 130 | 10.471 | 10.452 | 10.486 | VV | 307 | 4346 | 0.08% | 0.004% |
| 131 | 10.504 | 10.486 | 10.559 | VV | 296 | 7873 | 0.14% | 0.007% |
| 132 | 10.583 | 10.559 | 10.596 | VV | 272 | 4510 | 0.08% | 0.004% |
| 133 | 10.613 | 10.596 | 10.638 | VV | 288 | 5625 | 0.10% | 0.005% |
| 134 | 10.643 | 10.638 | 10.651 | VV | 168 | 1086 | 0.02% | 0.001% |
| 135 | 10.663 | 10.651 | 10.686 | VV | 227 | 3086 | 0.06% | 0.003% |
| 136 | 10.709 | 10.686 | 10.732 | VV | 356 | 5862 | 0.11% | 0.005% |
| 137 | 10.747 | 10.732 | 10.782 | VV | 210 | 4026 | 0.07% | 0.004% |
| 138 | 10.812 | 10.782 | 10.826 | VV | 274 | 4377 | 0.08% | 0.004% |
| 139 | 10.831 | 10.826 | 10.847 | VV | 145 | 1308 | 0.02% | 0.001% |
| 140 | 10.880 | 10.847 | 10.888 | VV | 244 | 3758 | 0.07% | 0.003% |
| 141 | 10.925 | 10.894 | 10.967 | VV | 321 | 7437 | 0.13% | 0.007% |

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|---|---|---|---|---|---|---|---|---|
| 142 | 10.995 | 10.967 | 11.019 | VV | 1033 | 18432 | 0.33% | 0.017% |
| 143 | 11.023 | 11.019 | 11.035 | VV | 510 | 4295 | 0.08% | 0.004% |
| 144 | 11.039 | 11.035 | 11.043 | VV | 463 | 2185 | 0.04% | 0.002% |
| 145 | 11.059 | 11.043 | 11.092 | VV | 549 | 9250 | 0.17% | 0.009% |
| 146 | 11.125 | 11.103 | 11.132 | VV | 163 | 2072 | 0.04% | 0.002% |
| 147 | 11.184 | 11.132 | 11.230 | VV | 435309 | 4853260 | 87.69% | 4.494% |
| 148 | 11.259 | 11.230 | 11.424 | VV | 422470 | 5072263 | 91.65% | 4.697% |
| 149 | 11.436 | 11.424 | 11.479 | VV | 1481 | 36784 | 0.66% | 0.034% |
| 150 | 11.507 | 11.479 | 11.547 | VV | 1455 | 47455 | 0.86% | 0.044% |
| 151 | 11.564 | 11.547 | 11.600 | VV | 1521 | 33201 | 0.60% | 0.031% |
| 152 | 11.634 | 11.600 | 11.700 | VV | 56186 | 671902 | 12.14% | 0.622% |
| 153 | 11.715 | 11.700 | 11.779 | VV | 764 | 21635 | 0.39% | 0.020% |
| 154 | 11.789 | 11.779 | 11.810 | VV | 374 | 5284 | 0.10% | 0.005% |
| 155 | 11.818 | 11.810 | 11.826 | VV | 257 | 2153 | 0.04% | 0.002% |
| 156 | 11.831 | 11.826 | 11.870 | VV | 291 | 5162 | 0.09% | 0.005% |
| 157 | 11.878 | 11.870 | 11.907 | VV | 186 | 2773 | 0.05% | 0.003% |
| 158 | 11.954 | 11.907 | 12.017 | VV | 480168 | 5226158 | 94.43% | 4.839% |
| 159 | 12.024 | 12.017 | 12.071 | VV | 715 | 15967 | 0.29% | 0.015% |
| 160 | 12.113 | 12.071 | 12.169 | VV | 696 | 25255 | 0.46% | 0.023% |
| 161 | 12.170 | 12.169 | 12.221 | VV | 300 | 6387 | 0.12% | 0.006% |
| 162 | 12.231 | 12.221 | 12.237 | VV | 267 | 1891 | 0.03% | 0.002% |
| 163 | 12.248 | 12.237 | 12.267 | VV | 261 | 3731 | 0.07% | 0.003% |
| 164 | 12.301 | 12.267 | 12.337 | VV | 493 | 12424 | 0.22% | 0.012% |
| 165 | 12.358 | 12.337 | 12.380 | VV | 1219 | 16404 | 0.30% | 0.015% |
| 166 | 12.396 | 12.380 | 12.424 | VV | 781 | 11000 | 0.20% | 0.010% |
| 167 | 12.436 | 12.424 | 12.451 | VV | 203 | 2350 | 0.04% | 0.002% |
| 168 | 12.457 | 12.451 | 12.470 | VV | 185 | 1524 | 0.03% | 0.001% |
| 169 | 12.473 | 12.470 | 12.496 | VV | 160 | 1273 | 0.02% | 0.001% |
| 170 | 12.512 | 12.496 | 12.519 | VV | 264 | 2323 | 0.04% | 0.002% |
| 171 | 12.527 | 12.519 | 12.550 | VV | 305 | 3708 | 0.07% | 0.003% |
| 172 | 12.571 | 12.550 | 12.599 | PV | 346 | 6651 | 0.12% | 0.006% |
| 173 | 12.608 | 12.604 | 12.615 | VV | 215 | 1138 | 0.02% | 0.001% |
| 174 | 12.629 | 12.615 | 12.644 | VV | 348 | 4358 | 0.08% | 0.004% |
| 175 | 12.658 | 12.644 | 12.674 | VV | 533 | 7165 | 0.13% | 0.007% |
| 176 | 12.679 | 12.674 | 12.702 | VV | 492 | 4967 | 0.09% | 0.005% |
| 177 | 12.727 | 12.702 | 12.750 | VV | 330 | 5868 | 0.11% | 0.005% |
| 178 | 12.773 | 12.750 | 12.780 | VV | 306 | 4157 | 0.08% | 0.004% |
| 179 | 12.808 | 12.780 | 12.842 | VV | 1015 | 15652 | 0.28% | 0.014% |
| 180 | 12.885 | 12.842 | 12.912 | PV | 1272 | 21460 | 0.39% | 0.020% |
| 181 | 12.947 | 12.912 | 12.975 | VV | 56196 | 684608 | 12.37% | 0.634% |
| 182 | 13.009 | 12.975 | 13.137 | VV | 417127 | 4995319 | 90.26% | 4.625% |
| 183 | 13.142 | 13.137 | 13.172 | VV | 894 | 15812 | 0.29% | 0.015% |
| 184 | 13.195 | 13.172 | 13.269 | VV | 2662 | 56321 | 1.02% | 0.052% |
| 185 | 13.309 | 13.269 | 13.353 | VV | 418503 | 4870560 | 88.01% | 4.510% |
| 186 | 13.394 | 13.353 | 13.527 | VV | 127685 | 1654478 | 29.89% | 1.532% |
| 187 | 13.560 | 13.527 | 13.599 | VV | 51276 | 649298 | 11.73% | 0.601% |
| 188 | 13.615 | 13.599 | 13.657 | VV | 1131 | 24152 | 0.44% | 0.022% |
| 189 | 13.662 | 13.657 | 13.708 | VV | 397 | 8591 | 0.16% | 0.008% |
| 190 | 13.712 | 13.708 | 13.738 | VV | 224 | 3764 | 0.07% | 0.003% |
| 191 | 13.744 | 13.738 | 13.749 | VV | 273 | 1716 | 0.03% | 0.002% |
| 192 | 13.774 | 13.749 | 13.807 | VV | 378 | 9616 | 0.17% | 0.009% |
| 193 | 13.825 | 13.807 | 13.886 | VV | 317 | 10407 | 0.19% | 0.010% |
| 194 | 13.892 | 13.886 | 13.921 | VV | 176 | 2988 | 0.05% | 0.003% |

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|---|---|---|---|---|---|---|---|---|
| 195 | 13.940 | 13.921 | 13.959 | VV | 216 | 4145 | 0.07% | 0.004% |
| 196 | 13.968 | 13.959 | 13.999 | VV | 303 | 6030 | 0.11% | 0.006% |
| 197 | 14.004 | 13.999 | 14.011 | VV | 279 | 1712 | 0.03% | 0.002% |
| 198 | 14.017 | 14.011 | 14.046 | VV | 244 | 3302 | 0.06% | 0.003% |
| 199 | 14.099 | 14.051 | 14.119 | VV | 1325 | 19792 | 0.36% | 0.018% |
| 200 | 14.147 | 14.119 | 14.229 | VV | 50592 | 646583 | 11.68% | 0.599% |
| 201 | 14.247 | 14.229 | 14.259 | VV | 196 | 2819 | 0.05% | 0.003% |
| 202 | 14.265 | 14.259 | 14.296 | VV | 269 | 4122 | 0.07% | 0.004% |
| 203 | 14.313 | 14.308 | 14.326 | VV | 145 | 1101 | 0.02% | 0.001% |
| 204 | 14.346 | 14.326 | 14.362 | VV | 173 | 1926 | 0.03% | 0.002% |
| 205 | 14.370 | 14.362 | 14.380 | VV | 162 | 1109 | 0.02% | 0.001% |
| 206 | 14.383 | 14.380 | 14.406 | VV | 110 | 1454 | 0.03% | 0.001% |
| 207 | 14.423 | 14.418 | 14.442 | VV | 118 | 1367 | 0.02% | 0.001% |
| 208 | 14.449 | 14.442 | 14.466 | VV | 147 | 1062 | 0.02% | 0.001% |
| 209 | 14.533 | 14.507 | 14.540 | VV | 126 | 1602 | 0.03% | 0.001% |
| 210 | 14.588 | 14.562 | 14.662 | VV | 1163 | 19427 | 0.35% | 0.018% |
| 211 | 14.664 | 14.662 | 14.696 | VV | 131 | 1495 | 0.03% | 0.001% |
| 212 | 14.713 | 14.696 | 14.736 | PV | 278 | 3610 | 0.07% | 0.003% |
| 213 | 14.743 | 14.736 | 14.760 | VV | 119 | 1080 | 0.02% | 0.001% |
| 214 | 14.787 | 14.760 | 14.817 | VV | 467 | 8596 | 0.16% | 0.008% |
| 215 | 14.838 | 14.827 | 14.847 | VV | 205 | 1970 | 0.04% | 0.002% |
| 216 | 14.868 | 14.847 | 14.914 | VV | 287 | 6400 | 0.12% | 0.006% |
| 217 | 14.922 | 14.914 | 14.947 | VV | 143 | 1598 | 0.03% | 0.001% |
| 218 | 15.004 | 14.979 | 15.027 | VV | 126 | 1760 | 0.03% | 0.002% |
| 219 | 15.060 | 15.036 | 15.082 | VV | 135 | 2580 | 0.05% | 0.002% |
| 220 | 15.086 | 15.082 | 15.137 | VV | 188 | 3273 | 0.06% | 0.003% |
| 221 | 15.195 | 15.137 | 15.214 | PV | 350705 | 4470292 | 80.77% | 4.139% |
| 222 | 15.238 | 15.214 | 15.405 | VV | 387705 | 5500482 | 99.39% | 5.093% |
| 223 | 15.422 | 15.405 | 15.457 | VV | 951 | 24406 | 0.44% | 0.023% |
| 224 | 15.472 | 15.457 | 15.508 | VV | 821 | 17633 | 0.32% | 0.016% |
| 225 | 15.513 | 15.508 | 15.524 | VV | 380 | 3019 | 0.05% | 0.003% |
| 226 | 15.544 | 15.524 | 15.557 | VV | 375 | 6225 | 0.11% | 0.006% |
| 227 | 15.562 | 15.557 | 15.576 | VV | 372 | 3417 | 0.06% | 0.003% |
| 228 | 15.580 | 15.576 | 15.594 | VV | 299 | 2524 | 0.05% | 0.002% |
| 229 | 15.625 | 15.594 | 15.656 | VV | 1307 | 22218 | 0.40% | 0.021% |
| 230 | 15.682 | 15.656 | 15.696 | VV | 359 | 5898 | 0.11% | 0.005% |
| 231 | 15.698 | 15.696 | 15.706 | VV | 262 | 1176 | 0.02% | 0.001% |
| 232 | 15.718 | 15.706 | 15.728 | VV | 258 | 2481 | 0.04% | 0.002% |
| 233 | 15.739 | 15.728 | 15.757 | VV | 266 | 3802 | 0.07% | 0.004% |
| 234 | 15.795 | 15.757 | 15.832 | VV | 5734 | 84502 | 1.53% | 0.078% |
| 235 | 15.839 | 15.832 | 15.854 | VV | 296 | 2600 | 0.05% | 0.002% |
| 236 | 15.863 | 15.854 | 15.868 | VV | 175 | 1176 | 0.02% | 0.001% |
| 237 | 15.871 | 15.868 | 15.889 | VV | 177 | 1223 | 0.02% | 0.001% |
| 238 | 15.905 | 15.889 | 15.934 | VV | 318 | 4772 | 0.09% | 0.004% |
| 239 | 15.961 | 15.949 | 15.966 | VV | 175 | 1247 | 0.02% | 0.001% |
| 240 | 15.969 | 15.966 | 15.988 | VV | 132 | 1206 | 0.02% | 0.001% |
| 241 | 15.994 | 15.988 | 16.022 | VV | 147 | 1615 | 0.03% | 0.001% |
| 242 | 16.057 | 16.022 | 16.066 | PV | 137 | 2304 | 0.04% | 0.002% |
| 243 | 16.091 | 16.082 | 16.119 | VV | 167 | 2745 | 0.05% | 0.003% |
| 244 | 16.131 | 16.119 | 16.136 | VV | 157 | 1174 | 0.02% | 0.001% |
| 245 | 16.145 | 16.136 | 16.166 | VV | 211 | 2829 | 0.05% | 0.003% |
| 246 | 16.179 | 16.166 | 16.194 | VV | 152 | 1716 | 0.03% | 0.002% |

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|---|---|---|---|---|---|---|---|---|
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| 247 | 16.241 | 16.217 | 16.250 | VV | 707 | 8641 | 0.16% | 0.008% |
| 248 | 16.282 | 16.250 | 16.332 | VV | 44789 | 601662 | 10.87% | 0.557% |
| 249 | 16.340 | 16.332 | 16.349 | VV | 254 | 2318 | 0.04% | 0.002% |
| 250 | 16.354 | 16.349 | 16.366 | VV | 198 | 1587 | 0.03% | 0.001% |
| 251 | 16.421 | 16.396 | 16.447 | VV | 160 | 3464 | 0.06% | 0.003% |
| 252 | 16.474 | 16.447 | 16.539 | VV | 558 | 10457 | 0.19% | 0.010% |
| 253 | 16.599 | 16.567 | 16.618 | VV | 184 | 3693 | 0.07% | 0.003% |
| 254 | 16.647 | 16.634 | 16.684 | VV | 101 | 1659 | 0.03% | 0.002% |
| 255 | 16.759 | 16.684 | 16.774 | PV | 321920 | 4479596 | 80.94% | 4.148% |
| 256 | 16.792 | 16.774 | 16.885 | VV | 374531 | 4694562 | 84.83% | 4.347% |
| 257 | 16.903 | 16.885 | 16.997 | VV | 1616 | 63447 | 1.15% | 0.059% |
| 258 | 17.019 | 16.997 | 17.048 | VV | 664 | 15136 | 0.27% | 0.014% |
| 259 | 17.068 | 17.048 | 17.089 | VV | 419 | 9264 | 0.17% | 0.009% |
| 260 | 17.140 | 17.089 | 17.202 | VV | 335005 | 4417723 | 79.82% | 4.091% |
| 261 | 17.234 | 17.202 | 17.412 | VV | 44363 | 701019 | 12.67% | 0.649% |
| 262 | 17.421 | 17.412 | 17.434 | VV | 249 | 3067 | 0.06% | 0.003% |
| 263 | 17.442 | 17.434 | 17.477 | VV | 186 | 4453 | 0.08% | 0.004% |
| 264 | 17.526 | 17.477 | 17.534 | VV | 223 | 5686 | 0.10% | 0.005% |
| 265 | 17.568 | 17.534 | 17.626 | VV | 325 | 10390 | 0.19% | 0.010% |
| 266 | 17.685 | 17.626 | 17.749 | VV | 1830 | 33272 | 0.60% | 0.031% |
| 267 | 17.794 | 17.749 | 17.834 | PV | 245 | 6661 | 0.12% | 0.006% |
| 268 | 17.849 | 17.834 | 17.884 | VV | 152 | 2994 | 0.05% | 0.003% |
| 269 | 17.894 | 17.884 | 17.907 | VV | 117 | 1167 | 0.02% | 0.001% |
| 270 | 17.914 | 17.907 | 17.933 | VV | 116 | 1409 | 0.03% | 0.001% |
| 271 | 17.989 | 17.933 | 17.999 | VV | 304 | 6089 | 0.11% | 0.006% |
| 272 | 18.015 | 17.999 | 18.056 | VV | 318 | 6281 | 0.11% | 0.006% |
| 273 | 18.125 | 18.056 | 18.176 | VV | 39887 | 567171 | 10.25% | 0.525% |
| 274 | 18.215 | 18.176 | 18.251 | VV | 535 | 11036 | 0.20% | 0.010% |
| 275 | 18.268 | 18.251 | 18.286 | VV | 205 | 2508 | 0.05% | 0.002% |
| 276 | 18.320 | 18.286 | 18.352 | VV | 352 | 7846 | 0.14% | 0.007% |
| 277 | 18.355 | 18.352 | 18.376 | VV | 234 | 1690 | 0.03% | 0.002% |
| 278 | 18.413 | 18.376 | 18.432 | PV | 221 | 4451 | 0.08% | 0.004% |
| 279 | 18.451 | 18.432 | 18.469 | VV | 226 | 2114 | 0.04% | 0.002% |
| 280 | 18.520 | 18.469 | 18.536 | PV | 324376 | 4581605 | 82.79% | 4.242% |
| 281 | 18.557 | 18.536 | 18.727 | VV | 350725 | 4870276 | 88.00% | 4.510% |
| 282 | 18.777 | 18.727 | 18.851 | PBA | 326242 | 4738697 | 85.62% | 4.388% |
| | | | Sum of corrected areas: | | | 107998472 | | |

Aromatic EPH 102925.M Tue Nov 18 01:17:46 2025

Sample Results: **FG016961.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112025AL\
Data File : FG016961.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2025 15:41
Operator : YP\AJ
Sample : Q3586-03MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
FID_G
**ClientSampleId :**
SED-3MSD

Integration File: autoint1.e
Quant Time: Nov 20 23:50:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 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 | | | |
| 12) S | 1-chlorooctadecane (S... | 13.494 | 6637711 | 55.115 ug/ml |
| Spiked Amount | 50.000 | | Recovery = | 110.23% |
| | Target Compounds | | | |
| 1) T | n-Nonane (C9) | 3.367 | 2317525 | 18.601 ug/ml |
| 2) T | n-Decane (C10) | 4.628 | 2815753 | 21.994 ug/ml |
| 4) T | n-Dodecane (C12) | 6.811 | 3175440 | 24.354 ug/ml |
| 6) T | n-Tetradecane (C14) | 8.651 | 3419902 | 26.769 ug/ml |
| 7) T | n-Hexadecane (C16) | 10.270 | 3920067 | 29.667 ug/ml |
| 8) T | n-Octadecane (C18) | 11.724 | 4293641 | 30.811 ug/ml |
| 10) T | n-Eicosane (C20) | 13.044 | 4505609 | 32.234 ug/ml |
| 11) T | n-Heneicosane (C21) | 13.659 | 4492454 | 32.312 ug/ml |
| 13) T | n-Docosane (C22) | 14.250 | 4496014 | 31.779 ug/ml |
| 14) T | n-Tetracosane (C24) | 15.360 | 4450096 | 30.267 ug/ml |
| 15) T | n-Hexacosane (C26) | 16.390 | 4302187 | 29.325 ug/ml |
| 16) T | n-Octacosane (C28) | 17.345 | 4138392 | 28.112 ug/ml |
| 17) T | n-Tricontane (C30) | 18.238 | 3894854 | 25.740 ug/ml |
| 18) T | n-Dotriacontane (C32) | 19.074 | 3705651 | 25.139 ug/ml |
| 19) T | n-Tetratriacontane (C34) | 19.863 | 3511347 | 27.248 ug/ml |
| 20) T | n-Hexatriacontane (C36) | 20.608 | 3272687 | 31.619 ug/ml |
| 21) T | n-Octatriacontane (C38) | 21.382 | 3165118 | 35.902 ug/ml |
| 22) T | n-Tetracontane (C40) | 22.363 | 3026544 | 38.653 ug/ml |

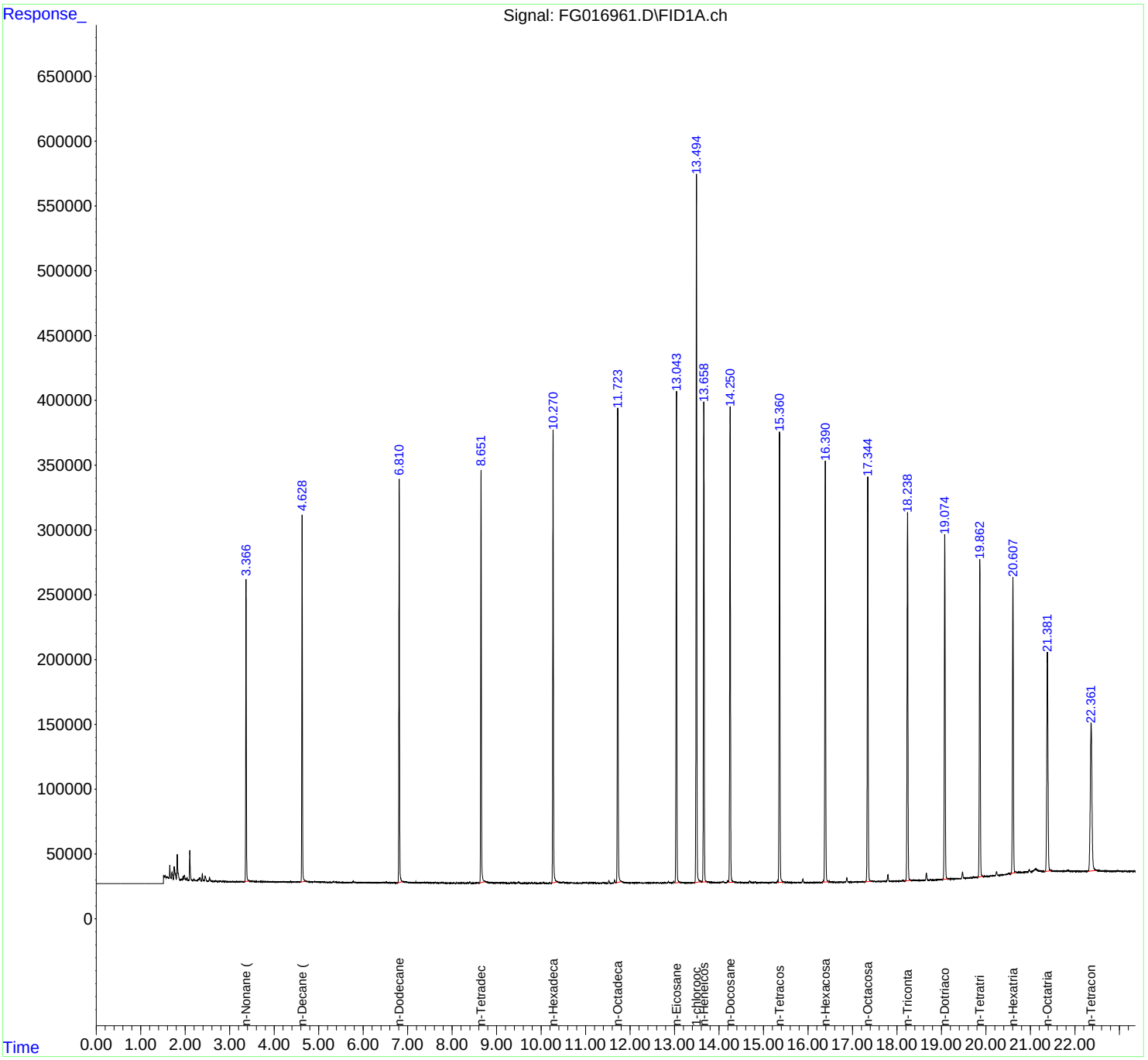
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112025AL\
Data File : FG016961.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2025 15:41
Operator : YP\AJ
Sample : Q3586-03MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
FID_G
**ClientSampleId :**
SED-3MSD

Integration File: autoint1.e
Quant Time: Nov 20 23:50:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112025AL\
Data File : FG016961.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2025 15:41
Sample : Q3586-03MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.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 | 3.291 | 3.221 | 3.322 | BV | 82 | 984 | 0.01% | 0.001% |
| 2 | 3.367 | 3.322 | 3.500 | PV | 231019 | 2362424 | 35.17% | 3.009% |
| 3 | 3.512 | 3.500 | 3.565 | VV | 458 | 12771 | 0.19% | 0.016% |
| 4 | 3.584 | 3.565 | 3.601 | VV | 350 | 6109 | 0.09% | 0.008% |
| 5 | 3.611 | 3.601 | 3.645 | VV | 368 | 7331 | 0.11% | 0.009% |
| 6 | 3.685 | 3.645 | 3.728 | VV | 362 | 13489 | 0.20% | 0.017% |
| 7 | 3.742 | 3.728 | 3.805 | VV | 288 | 9936 | 0.15% | 0.013% |
| 8 | 3.818 | 3.805 | 3.866 | VV | 213 | 6366 | 0.09% | 0.008% |
| 9 | 3.881 | 3.866 | 3.938 | VV | 187 | 5755 | 0.09% | 0.007% |
| 10 | 3.963 | 3.938 | 4.043 | VV | 202 | 8339 | 0.12% | 0.011% |
| 11 | 4.058 | 4.043 | 4.078 | VV | 161 | 2321 | 0.03% | 0.003% |
| 12 | 4.090 | 4.078 | 4.135 | VV | 130 | 3101 | 0.05% | 0.004% |
| 13 | 4.164 | 4.135 | 4.184 | VV | 281 | 4662 | 0.07% | 0.006% |
| 14 | 4.201 | 4.184 | 4.225 | VV | 457 | 6200 | 0.09% | 0.008% |
| 15 | 4.237 | 4.225 | 4.255 | VV | 151 | 2184 | 0.03% | 0.003% |
| 16 | 4.277 | 4.255 | 4.309 | VV | 364 | 5753 | 0.09% | 0.007% |
| 17 | 4.319 | 4.309 | 4.341 | VV | 123 | 2134 | 0.03% | 0.003% |
| 18 | 4.371 | 4.341 | 4.495 | VV | 378 | 15452 | 0.23% | 0.020% |
| 19 | 4.499 | 4.495 | 4.508 | VV | 132 | 920 | 0.01% | 0.001% |
| 20 | 4.538 | 4.508 | 4.561 | VV | 444 | 6826 | 0.10% | 0.009% |
| 21 | 4.567 | 4.561 | 4.591 | VV | 185 | 2406 | 0.04% | 0.003% |
| 22 | 4.628 | 4.591 | 4.728 | VV | 282233 | 2859332 | 42.57% | 3.642% |
| 23 | 4.746 | 4.728 | 4.795 | VV | 722 | 20797 | 0.31% | 0.026% |
| 24 | 4.817 | 4.795 | 4.863 | VV | 601 | 17447 | 0.26% | 0.022% |
| 25 | 4.879 | 4.863 | 4.898 | VV | 473 | 7782 | 0.12% | 0.010% |
| 26 | 4.915 | 4.898 | 4.955 | VV | 674 | 13001 | 0.19% | 0.017% |
| 27 | 4.968 | 4.955 | 5.011 | VV | 286 | 8794 | 0.13% | 0.011% |
| 28 | 5.054 | 5.011 | 5.072 | VV | 322 | 9543 | 0.14% | 0.012% |
| 29 | 5.082 | 5.072 | 5.088 | VV | 240 | 2174 | 0.03% | 0.003% |
| 30 | 5.095 | 5.088 | 5.103 | VV | 280 | 2092 | 0.03% | 0.003% |
| 31 | 5.111 | 5.103 | 5.123 | VV | 243 | 2591 | 0.04% | 0.003% |

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|---|---|---|---|---|---|---|---|---|
| 32 | 5.134 | 5.123 | 5.172 | VV | 226 | 5016 | 0.07% | 0.006% |
| 33 | 5.192 | 5.172 | 5.202 | VV | 159 | 2668 | 0.04% | 0.003% |
| 34 | 5.214 | 5.202 | 5.229 | VV | 176 | 2551 | 0.04% | 0.003% |
| 35 | 5.248 | 5.229 | 5.288 | VV | 194 | 4552 | 0.07% | 0.006% |
| 36 | 5.335 | 5.288 | 5.366 | VV | 1059 | 17770 | 0.26% | 0.023% |
| 37 | 5.394 | 5.366 | 5.435 | VV | 369 | 8686 | 0.13% | 0.011% |
| 38 | 5.453 | 5.435 | 5.495 | VV | 292 | 5555 | 0.08% | 0.007% |
| 39 | 5.509 | 5.495 | 5.517 | VV | 99 | 1114 | 0.02% | 0.001% |
| 40 | 5.525 | 5.517 | 5.552 | VV | 115 | 1909 | 0.03% | 0.002% |
| 41 | 5.560 | 5.552 | 5.581 | VV | 127 | 1604 | 0.02% | 0.002% |
| 42 | 5.587 | 5.581 | 5.601 | VV | 112 | 1043 | 0.02% | 0.001% |
| 43 | 5.607 | 5.601 | 5.615 | VV | 92 | 667 | 0.01% | 0.001% |
| 44 | 5.623 | 5.615 | 5.639 | VV | 110 | 1019 | 0.02% | 0.001% |
| 45 | 5.655 | 5.639 | 5.701 | VV | 138 | 3476 | 0.05% | 0.004% |
| 46 | 5.714 | 5.701 | 5.724 | VV | 117 | 1371 | 0.02% | 0.002% |
| 47 | 5.737 | 5.724 | 5.749 | VV | 115 | 1693 | 0.03% | 0.002% |
| 48 | 5.776 | 5.749 | 5.801 | VV | 894 | 13130 | 0.20% | 0.017% |
| 49 | 5.816 | 5.801 | 5.858 | VV | 446 | 7892 | 0.12% | 0.010% |
| 50 | 5.862 | 5.858 | 5.867 | VV | 144 | 690 | 0.01% | 0.001% |
| 51 | 5.877 | 5.867 | 5.909 | VV | 187 | 3659 | 0.05% | 0.005% |
| 52 | 5.967 | 5.909 | 6.003 | VV | 238 | 7943 | 0.12% | 0.010% |
| 53 | 6.041 | 6.003 | 6.053 | VV | 177 | 3135 | 0.05% | 0.004% |
| 54 | 6.089 | 6.053 | 6.109 | VV | 190 | 4283 | 0.06% | 0.005% |
| 55 | 6.147 | 6.109 | 6.195 | VV | 274 | 5960 | 0.09% | 0.008% |
| 56 | 6.208 | 6.195 | 6.238 | VV | 148 | 1824 | 0.03% | 0.002% |
| 57 | 6.254 | 6.238 | 6.287 | PV | 225 | 2742 | 0.04% | 0.003% |
| 58 | 6.305 | 6.287 | 6.331 | VV | 194 | 2966 | 0.04% | 0.004% |
| 59 | 6.368 | 6.331 | 6.390 | VV | 386 | 6952 | 0.10% | 0.009% |
| 60 | 6.409 | 6.390 | 6.432 | VV | 432 | 5763 | 0.09% | 0.007% |
| 61 | 6.454 | 6.432 | 6.488 | VV | 707 | 10190 | 0.15% | 0.013% |
| 62 | 6.518 | 6.488 | 6.558 | VV | 799 | 11484 | 0.17% | 0.015% |
| 63 | 6.566 | 6.558 | 6.573 | VV | 134 | 996 | 0.01% | 0.001% |
| 64 | 6.591 | 6.573 | 6.618 | VV | 172 | 3642 | 0.05% | 0.005% |
| 65 | 6.625 | 6.618 | 6.677 | VV | 124 | 2214 | 0.03% | 0.003% |
| 66 | 6.699 | 6.677 | 6.726 | VV | 140 | 2308 | 0.03% | 0.003% |
| 67 | 6.735 | 6.726 | 6.762 | VV | 72 | 827 | 0.01% | 0.001% |
| 68 | 6.811 | 6.762 | 6.928 | PV | 310694 | 3236552 | 48.19% | 4.122% |
| 69 | 6.934 | 6.928 | 6.948 | VV | 779 | 8729 | 0.13% | 0.011% |
| 70 | 6.964 | 6.948 | 6.990 | VV | 1100 | 19169 | 0.29% | 0.024% |
| 71 | 7.004 | 6.990 | 7.025 | VV | 577 | 10626 | 0.16% | 0.014% |
| 72 | 7.039 | 7.025 | 7.082 | VV | 630 | 14642 | 0.22% | 0.019% |
| 73 | 7.095 | 7.082 | 7.128 | VV | 403 | 8823 | 0.13% | 0.011% |
| 74 | 7.153 | 7.128 | 7.175 | VV | 350 | 8090 | 0.12% | 0.010% |
| 75 | 7.178 | 7.175 | 7.213 | VV | 333 | 6091 | 0.09% | 0.008% |
| 76 | 7.224 | 7.213 | 7.245 | VV | 294 | 4437 | 0.07% | 0.006% |
| 77 | 7.268 | 7.245 | 7.300 | VV | 292 | 8165 | 0.12% | 0.010% |
| 78 | 7.327 | 7.300 | 7.365 | VV | 480 | 13773 | 0.21% | 0.018% |
| 79 | 7.388 | 7.365 | 7.413 | VV | 475 | 9941 | 0.15% | 0.013% |

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|---|---|---|---|---|---|---|---|---|
| 80 | 7.448 | 7.413 | 7.475 | VV | 541 | 13887 | 0.21% | 0.018% |
| 81 | 7.492 | 7.475 | 7.543 | VV | 418 | 9445 | 0.14% | 0.012% |
| 82 | 7.558 | 7.543 | 7.584 | VV | 230 | 4046 | 0.06% | 0.005% |
| 83 | 7.618 | 7.584 | 7.657 | VV | 812 | 13572 | 0.20% | 0.017% |
| 84 | 7.682 | 7.657 | 7.711 | VV | 212 | 4833 | 0.07% | 0.006% |
| 85 | 7.728 | 7.711 | 7.740 | VV | 176 | 2669 | 0.04% | 0.003% |
| 86 | 7.765 | 7.740 | 7.815 | VV | 674 | 13486 | 0.20% | 0.017% |
| 87 | 7.823 | 7.815 | 7.841 | VV | 194 | 2375 | 0.04% | 0.003% |
| 88 | 7.856 | 7.841 | 7.915 | VV | 187 | 4056 | 0.06% | 0.005% |
| 89 | 7.927 | 7.915 | 7.945 | VV | 114 | 1198 | 0.02% | 0.002% |
| 90 | 7.981 | 7.945 | 7.998 | PV | 127 | 2010 | 0.03% | 0.003% |
| 91 | 8.029 | 7.998 | 8.067 | VV | 375 | 6733 | 0.10% | 0.009% |
| 92 | 8.098 | 8.067 | 8.111 | VV | 177 | 3554 | 0.05% | 0.005% |
| 93 | 8.128 | 8.111 | 8.163 | VV | 279 | 4734 | 0.07% | 0.006% |
| 94 | 8.202 | 8.163 | 8.235 | VV | 216 | 5347 | 0.08% | 0.007% |
| 95 | 8.255 | 8.235 | 8.285 | VV | 184 | 3540 | 0.05% | 0.005% |
| 96 | 8.296 | 8.285 | 8.315 | VV | 162 | 2224 | 0.03% | 0.003% |
| 97 | 8.344 | 8.315 | 8.371 | VV | 493 | 7167 | 0.11% | 0.009% |
| 98 | 8.399 | 8.371 | 8.495 | VV | 1340 | 19043 | 0.28% | 0.024% |
| 99 | 8.558 | 8.495 | 8.615 | VV | 703 | 14143 | 0.21% | 0.018% |
| 100 | 8.651 | 8.615 | 8.831 | VV | 320002 | 3521025 | 52.42% | 4.485% |
| 101 | 8.848 | 8.831 | 8.870 | VV | 526 | 11105 | 0.17% | 0.014% |
| 102 | 8.885 | 8.870 | 8.981 | VV | 470 | 18471 | 0.27% | 0.024% |
| 103 | 9.001 | 8.981 | 9.079 | VV | 300 | 14202 | 0.21% | 0.018% |
| 104 | 9.118 | 9.079 | 9.138 | VV | 348 | 9161 | 0.14% | 0.012% |
| 105 | 9.150 | 9.138 | 9.180 | VV | 377 | 7391 | 0.11% | 0.009% |
| 106 | 9.200 | 9.180 | 9.236 | VV | 360 | 8228 | 0.12% | 0.010% |
| 107 | 9.255 | 9.236 | 9.268 | VV | 159 | 2397 | 0.04% | 0.003% |
| 108 | 9.271 | 9.268 | 9.296 | VV | 149 | 1774 | 0.03% | 0.002% |
| 109 | 9.334 | 9.296 | 9.363 | VV | 277 | 7463 | 0.11% | 0.010% |
| 110 | 9.386 | 9.363 | 9.405 | VV | 452 | 7132 | 0.11% | 0.009% |
| 111 | 9.418 | 9.405 | 9.431 | VV | 285 | 3506 | 0.05% | 0.004% |
| 112 | 9.449 | 9.431 | 9.465 | VV | 230 | 3995 | 0.06% | 0.005% |
| 113 | 9.497 | 9.465 | 9.557 | VV | 978 | 20447 | 0.30% | 0.026% |
| 114 | 9.572 | 9.557 | 9.598 | VV | 177 | 2246 | 0.03% | 0.003% |
| 115 | 9.623 | 9.598 | 9.638 | VV | 156 | 2103 | 0.03% | 0.003% |
| 116 | 9.646 | 9.638 | 9.689 | VV | 159 | 3734 | 0.06% | 0.005% |
| 117 | 9.743 | 9.689 | 9.758 | VV | 266 | 6021 | 0.09% | 0.008% |
| 118 | 9.786 | 9.758 | 9.830 | VV | 351 | 5875 | 0.09% | 0.007% |
| 119 | 9.855 | 9.830 | 9.889 | PV | 398 | 5763 | 0.09% | 0.007% |
| 120 | 9.906 | 9.889 | 9.944 | VV | 186 | 3148 | 0.05% | 0.004% |
| 121 | 9.957 | 9.944 | 9.973 | VV | 79 | 1101 | 0.02% | 0.001% |
| 122 | 10.001 | 9.973 | 10.025 | VV | 333 | 5467 | 0.08% | 0.007% |
| 123 | 10.048 | 10.025 | 10.081 | VV | 926 | 11409 | 0.17% | 0.015% |
| 124 | 10.115 | 10.081 | 10.154 | VV | 149 | 3255 | 0.05% | 0.004% |
| 125 | 10.191 | 10.154 | 10.232 | PV | 610 | 10089 | 0.15% | 0.013% |
| 126 | 10.270 | 10.232 | 10.471 | VV | 344858 | 4013405 | 59.75% | 5.112% |

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|---|---|---|---|---|---|---|---|---|
| 127 | 10.498 | 10.471 | 10.578 | VV | 1068 | 31289 | 0.47% | 0.040% |
| 128 | 10.592 | 10.578 | 10.637 | VV | 307 | 9162 | 0.14% | 0.012% |
| 129 | 10.661 | 10.637 | 10.687 | VV | 373 | 8347 | 0.12% | 0.011% |
| 130 | 10.701 | 10.687 | 10.727 | VV | 268 | 5264 | 0.08% | 0.007% |
| 131 | 10.753 | 10.727 | 10.791 | VV | 286 | 6472 | 0.10% | 0.008% |
| 132 | 10.822 | 10.791 | 10.856 | VV | 187 | 5218 | 0.08% | 0.007% |
| 133 | 10.880 | 10.856 | 10.891 | VV | 148 | 2746 | 0.04% | 0.003% |
| 134 | 10.916 | 10.891 | 10.927 | VV | 205 | 3447 | 0.05% | 0.004% |
| 135 | 10.958 | 10.927 | 10.973 | VV | 282 | 6131 | 0.09% | 0.008% |
| 136 | 10.988 | 10.973 | 10.998 | VV | 295 | 3782 | 0.06% | 0.005% |
| 137 | 11.018 | 10.998 | 11.058 | VV | 512 | 9350 | 0.14% | 0.012% |
| 138 | 11.073 | 11.058 | 11.085 | VV | 194 | 2685 | 0.04% | 0.003% |
| 139 | 11.139 | 11.085 | 11.185 | VV | 512 | 14797 | 0.22% | 0.019% |
| 140 | 11.205 | 11.185 | 11.221 | VV | 245 | 4192 | 0.06% | 0.005% |
| 141 | 11.230 | 11.221 | 11.257 | VV | 220 | 2666 | 0.04% | 0.003% |
| 142 | 11.273 | 11.257 | 11.287 | VV | 119 | 1587 | 0.02% | 0.002% |
| 143 | 11.298 | 11.287 | 11.314 | VV | 102 | 1143 | 0.02% | 0.001% |
| 144 | 11.341 | 11.314 | 11.366 | VV | 288 | 4859 | 0.07% | 0.006% |
| 145 | 11.391 | 11.366 | 11.419 | VV | 522 | 8384 | 0.12% | 0.011% |
| 146 | 11.439 | 11.419 | 11.497 | VV | 225 | 5062 | 0.08% | 0.006% |
| 147 | 11.525 | 11.497 | 11.565 | PV | 2168 | 26347 | 0.39% | 0.034% |
| 148 | 11.581 | 11.565 | 11.624 | VV | 82 | 995 | 0.01% | 0.001% |
| 149 | 11.654 | 11.624 | 11.683 | PV | 2147 | 29844 | 0.44% | 0.038% |
| 150 | 11.723 | 11.683 | 11.921 | VV | 365219 | 4392309 | 65.39% | 5.594% |
| 151 | 11.935 | 11.921 | 11.987 | VV | 345 | 9974 | 0.15% | 0.013% |
| 152 | 12.003 | 11.987 | 12.093 | VV | 251 | 13542 | 0.20% | 0.017% |
| 153 | 12.127 | 12.093 | 12.158 | VV | 293 | 7962 | 0.12% | 0.010% |
| 154 | 12.190 | 12.158 | 12.272 | VV | 387 | 12521 | 0.19% | 0.016% |
| 155 | 12.293 | 12.272 | 12.310 | VV | 133 | 2357 | 0.04% | 0.003% |
| 156 | 12.325 | 12.310 | 12.335 | VV | 177 | 1858 | 0.03% | 0.002% |
| 157 | 12.398 | 12.335 | 12.428 | VV | 319 | 10195 | 0.15% | 0.013% |
| 158 | 12.435 | 12.428 | 12.459 | VV | 167 | 2278 | 0.03% | 0.003% |
| 159 | 12.469 | 12.459 | 12.478 | VV | 117 | 1078 | 0.02% | 0.001% |
| 160 | 12.533 | 12.478 | 12.580 | VV | 185 | 6677 | 0.10% | 0.009% |
| 161 | 12.617 | 12.580 | 12.655 | VV | 215 | 5274 | 0.08% | 0.007% |
| 162 | 12.685 | 12.655 | 12.712 | VV | 170 | 3569 | 0.05% | 0.005% |
| 163 | 12.730 | 12.712 | 12.750 | VV | 189 | 2484 | 0.04% | 0.003% |
| 164 | 12.776 | 12.750 | 12.807 | VV | 342 | 6189 | 0.09% | 0.008% |
| 165 | 12.864 | 12.807 | 12.888 | VV | 1053 | 19452 | 0.29% | 0.025% |
| 166 | 12.901 | 12.888 | 12.953 | VV | 312 | 4983 | 0.07% | 0.006% |
| 167 | 12.982 | 12.953 | 13.005 | PV | 1625 | 20483 | 0.30% | 0.026% |
| 168 | 13.043 | 13.005 | 13.140 | VV | 378642 | 4534289 | 67.51% | 5.775% |
| 169 | 13.161 | 13.140 | 13.287 | VV | 580 | 20523 | 0.31% | 0.026% |
| 170 | 13.298 | 13.287 | 13.315 | VV | 160 | 1905 | 0.03% | 0.002% |
| 171 | 13.333 | 13.315 | 13.349 | VV | 123 | 2396 | 0.04% | 0.003% |
| 172 | 13.370 | 13.349 | 13.398 | VV | 149 | 2862 | 0.04% | 0.004% |
| 173 | 13.494 | 13.398 | 13.625 | VV | 548085 | 6716836 | 100.00% | 8.555% |
| 174 | 13.659 | 13.625 | 13.813 | VV | 373073 | 4577142 | 68.14% | 5.830% |

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|---|---|---|---|---|---|---|---|---|
| 175 | 13.840 | 13.813 | 13.911 | VV | 620 | 25015 | 0.37% | 0.032% |
| 176 | 13.924 | 13.911 | 13.988 | VV | 370 | 13574 | 0.20% | 0.017% |
| 177 | 14.007 | 13.988 | 14.016 | VV | 308 | 4814 | 0.07% | 0.006% |
| 178 | 14.040 | 14.016 | 14.056 | VV | 642 | 10948 | 0.16% | 0.014% |
| 179 | 14.089 | 14.056 | 14.133 | VV | 1120 | 28585 | 0.43% | 0.036% |
| 180 | 14.150 | 14.133 | 14.170 | VV | 312 | 5975 | 0.09% | 0.008% |
| 181 | 14.196 | 14.170 | 14.214 | VV | 1737 | 24517 | 0.37% | 0.031% |
| 182 | 14.250 | 14.214 | 14.356 | VV | 372430 | 4537824 | 67.56% | 5.780% |
| 183 | 14.377 | 14.356 | 14.418 | VV | 681 | 16673 | 0.25% | 0.021% |
| 184 | 14.451 | 14.418 | 14.468 | VV | 403 | 10862 | 0.16% | 0.014% |
| 185 | 14.480 | 14.468 | 14.532 | VV | 354 | 9673 | 0.14% | 0.012% |
| 186 | 14.540 | 14.532 | 14.566 | VV | 177 | 3631 | 0.05% | 0.005% |
| 187 | 14.586 | 14.566 | 14.605 | VV | 204 | 4135 | 0.06% | 0.005% |
| 188 | 14.615 | 14.605 | 14.653 | VV | 200 | 4878 | 0.07% | 0.006% |
| 189 | 14.694 | 14.653 | 14.755 | VV | 1250 | 29253 | 0.44% | 0.037% |
| 190 | 14.761 | 14.755 | 14.795 | VV | 203 | 3967 | 0.06% | 0.005% |
| 191 | 14.817 | 14.795 | 14.871 | VV | 949 | 16528 | 0.25% | 0.021% |
| 192 | 14.879 | 14.871 | 14.894 | VV | 100 | 1593 | 0.02% | 0.002% |
| 193 | 14.914 | 14.894 | 14.937 | VV | 194 | 4013 | 0.06% | 0.005% |
| 194 | 14.981 | 14.937 | 15.056 | VV | 410 | 13703 | 0.20% | 0.017% |
| 195 | 15.070 | 15.056 | 15.081 | VV | 145 | 1504 | 0.02% | 0.002% |
| 196 | 15.096 | 15.081 | 15.114 | VV | 148 | 2211 | 0.03% | 0.003% |
| 197 | 15.133 | 15.114 | 15.154 | VV | 129 | 2364 | 0.04% | 0.003% |
| 198 | 15.166 | 15.154 | 15.177 | VV | 166 | 1499 | 0.02% | 0.002% |
| 199 | 15.204 | 15.177 | 15.242 | VV | 490 | 10651 | 0.16% | 0.014% |
| 200 | 15.252 | 15.242 | 15.268 | VV | 153 | 1602 | 0.02% | 0.002% |
| 201 | 15.315 | 15.268 | 15.324 | VV | 1175 | 14965 | 0.22% | 0.019% |
| 202 | 15.361 | 15.324 | 15.485 | VV | 345913 | 4484518 | 66.77% | 5.712% |
| 203 | 15.493 | 15.485 | 15.511 | VV | 326 | 4477 | 0.07% | 0.006% |
| 204 | 15.528 | 15.511 | 15.685 | VV | 319 | 15219 | 0.23% | 0.019% |
| 205 | 15.697 | 15.685 | 15.718 | VV | 103 | 1271 | 0.02% | 0.002% |
| 206 | 15.742 | 15.718 | 15.761 | VV | 154 | 2471 | 0.04% | 0.003% |
| 207 | 15.779 | 15.761 | 15.827 | VV | 267 | 4617 | 0.07% | 0.006% |
| 208 | 15.884 | 15.827 | 15.963 | VV | 2588 | 37905 | 0.56% | 0.048% |
| 209 | 15.991 | 15.963 | 16.130 | PV | 79 | 2109 | 0.03% | 0.003% |
| 210 | 16.208 | 16.130 | 16.229 | PV | 170 | 4982 | 0.07% | 0.006% |
| 211 | 16.254 | 16.229 | 16.294 | VV | 231 | 4626 | 0.07% | 0.006% |
| 212 | 16.389 | 16.294 | 16.548 | VV | 319298 | 4353697 | 64.82% | 5.545% |
| 213 | 16.560 | 16.548 | 16.655 | VV | 195 | 8221 | 0.12% | 0.010% |
| 214 | 16.700 | 16.655 | 16.724 | VV | 199 | 4339 | 0.06% | 0.006% |
| 215 | 16.746 | 16.724 | 16.768 | VV | 164 | 2557 | 0.04% | 0.003% |
| 216 | 16.785 | 16.768 | 16.798 | PV | 92 | 758 | 0.01% | 0.001% |
| 217 | 16.809 | 16.798 | 16.814 | VV | 40 | 251 | 0.00% | 0.000% |
| 218 | 16.874 | 16.814 | 16.944 | VV | 3543 | 53822 | 0.80% | 0.069% |
| 219 | 16.979 | 16.944 | 16.994 | PV | 100 | 1447 | 0.02% | 0.002% |
| 220 | 17.004 | 16.994 | 17.023 | VV | 82 | 966 | 0.01% | 0.001% |
| 221 | 17.049 | 17.023 | 17.068 | VV | 198 | 3539 | 0.05% | 0.005% |

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|---|---|---|---|---|---|---|---|---|
| 222 | 17.078 | 17.068 | 17.129 | VV | 133 | 2843 | 0.04% | 0.004% |
| 223 | 17.176 | 17.129 | 17.194 | VV | 147 | 3026 | 0.05% | 0.004% |
| 224 | 17.223 | 17.194 | 17.279 | VV | 280 | 6549 | 0.10% | 0.008% |
| 225 | 17.344 | 17.279 | 17.538 | VV | 309678 | 4176554 | 62.18% | 5.319% |
| 226 | 17.581 | 17.538 | 17.605 | VV | 223 | 6637 | 0.10% | 0.008% |
| 227 | 17.613 | 17.605 | 17.655 | VV | 179 | 4542 | 0.07% | 0.006% |
| 228 | 17.682 | 17.655 | 17.701 | VV | 168 | 2855 | 0.04% | 0.004% |
| 229 | 17.797 | 17.701 | 17.861 | VV | 5290 | 84621 | 1.26% | 0.108% |
| 230 | 17.902 | 17.861 | 17.951 | VV | 219 | 6949 | 0.10% | 0.009% |
| 231 | 17.966 | 17.951 | 17.972 | VV | 68 | 638 | 0.01% | 0.001% |
| 232 | 18.010 | 17.972 | 18.040 | VV | 105 | 2452 | 0.04% | 0.003% |
| 233 | 18.079 | 18.040 | 18.097 | PV | 170 | 3129 | 0.05% | 0.004% |
| 234 | 18.126 | 18.097 | 18.164 | VV | 875 | 13298 | 0.20% | 0.017% |
| 235 | 18.238 | 18.164 | 18.354 | PV | 284477 | 3927224 | 58.47% | 5.002% |
| 236 | 18.387 | 18.354 | 18.478 | VV | 623 | 20321 | 0.30% | 0.026% |
| 237 | 18.513 | 18.478 | 18.535 | VV | 358 | 6163 | 0.09% | 0.008% |
| 238 | 18.559 | 18.535 | 18.575 | VV | 182 | 2113 | 0.03% | 0.003% |
| 239 | 18.591 | 18.575 | 18.608 | VV | 111 | 1507 | 0.02% | 0.002% |
| 240 | 18.661 | 18.608 | 18.732 | VV | 5624 | 85036 | 1.27% | 0.108% |
| 241 | 18.756 | 18.732 | 18.785 | VV | 583 | 8505 | 0.13% | 0.011% |
| 242 | 18.795 | 18.785 | 18.805 | VV | 76 | 350 | 0.01% | 0.000% |
| 243 | 18.922 | 18.805 | 18.961 | PV | 288 | 5445 | 0.08% | 0.007% |
| 244 | 18.972 | 18.961 | 18.994 | VV | 161 | 1807 | 0.03% | 0.002% |
| 245 | 19.074 | 18.994 | 19.158 | PV | 265559 | 3729295 | 55.52% | 4.750% |
| 246 | 19.178 | 19.158 | 19.208 | VV | 431 | 9204 | 0.14% | 0.012% |
| 247 | 19.228 | 19.208 | 19.267 | VV | 336 | 7720 | 0.11% | 0.010% |
| 248 | 19.331 | 19.267 | 19.350 | VV | 339 | 8100 | 0.12% | 0.010% |
| 249 | 19.374 | 19.350 | 19.419 | VV | 213 | 4712 | 0.07% | 0.006% |
| 250 | 19.474 | 19.419 | 19.545 | PV | 4978 | 81387 | 1.21% | 0.104% |
| 251 | 19.601 | 19.545 | 19.613 | VV | 246 | 7083 | 0.11% | 0.009% |
| 252 | 19.651 | 19.613 | 19.664 | VV | 332 | 7486 | 0.11% | 0.010% |
| 253 | 19.721 | 19.664 | 19.745 | VV | 504 | 14511 | 0.22% | 0.018% |
| 254 | 19.766 | 19.745 | 19.787 | VV | 400 | 7598 | 0.11% | 0.010% |
| 255 | 19.863 | 19.787 | 19.956 | VV | 242415 | 3565870 | 53.09% | 4.542% |
| 256 | 19.966 | 19.956 | 19.975 | VV | 692 | 7711 | 0.11% | 0.010% |
| 257 | 20.018 | 19.975 | 20.043 | VV | 652 | 25687 | 0.38% | 0.033% |
| 258 | 20.061 | 20.043 | 20.070 | VV | 628 | 9684 | 0.14% | 0.012% |
| 259 | 20.106 | 20.070 | 20.125 | VV | 860 | 23714 | 0.35% | 0.030% |
| 260 | 20.152 | 20.125 | 20.185 | VV | 980 | 30858 | 0.46% | 0.039% |
| 261 | 20.239 | 20.185 | 20.275 | VV | 3839 | 85433 | 1.27% | 0.109% |
| 262 | 20.292 | 20.275 | 20.319 | VV | 931 | 22830 | 0.34% | 0.029% |
| 263 | 20.434 | 20.319 | 20.448 | VV | 1170 | 80437 | 1.20% | 0.102% |
| 264 | 20.511 | 20.448 | 20.542 | VV | 1808 | 83132 | 1.24% | 0.106% |
| 265 | 20.608 | 20.542 | 20.720 | VV | 227249 | 3489279 | 51.95% | 4.444% |
| 266 | 20.758 | 20.720 | 20.771 | VV | 2195 | 66723 | 0.99% | 0.085% |
| 267 | 20.785 | 20.771 | 20.808 | VV | 2160 | 46997 | 0.70% | 0.060% |
| 268 | 20.885 | 20.808 | 20.918 | VV | 2277 | 142900 | 2.13% | 0.182% |
| 269 | 20.974 | 20.918 | 21.015 | VV | 3945 | 150651 | 2.24% | 0.192% |

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|---|---|---|---|---|---|---|---|---|
| 270 | 21.118 | 21.015 | 21.200 | VV | 3951 | 332759 | 4.95% | 0.424% |
| 271 | 21.219 | 21.200 | 21.268 | VV | 2297 | 85905 | 1.28% | 0.109% |
| 272 | 21.283 | 21.268 | 21.316 | VV | 1960 | 54295 | 0.81% | 0.069% |
| 273 | 21.382 | 21.316 | 21.521 | VV | 168943 | 3396419 | 50.57% | 4.326% |
| 274 | 21.536 | 21.521 | 21.618 | VV | 1667 | 88875 | 1.32% | 0.113% |
| 275 | 21.631 | 21.618 | 21.703 | VV | 1337 | 64376 | 0.96% | 0.082% |
| 276 | 21.744 | 21.703 | 21.765 | VV | 1237 | 42674 | 0.64% | 0.054% |
| 277 | 21.774 | 21.765 | 21.796 | VV | 1067 | 19059 | 0.28% | 0.024% |
| 278 | 21.840 | 21.796 | 21.891 | VV | 1708 | 69187 | 1.03% | 0.088% |
| 279 | 21.897 | 21.891 | 21.911 | VV | 837 | 9539 | 0.14% | 0.012% |
| 280 | 21.918 | 21.911 | 21.928 | VV | 748 | 7348 | 0.11% | 0.009% |
| 281 | 21.954 | 21.928 | 22.034 | VV | 728 | 38368 | 0.57% | 0.049% |
| 282 | 22.062 | 22.034 | 22.085 | VV | 471 | 12631 | 0.19% | 0.016% |
| 283 | 22.091 | 22.085 | 22.121 | VV | 390 | 6529 | 0.10% | 0.008% |
| 284 | 22.169 | 22.121 | 22.205 | VV | 257 | 9009 | 0.13% | 0.011% |
| 285 | 22.248 | 22.205 | 22.265 | VV | 97 | 2710 | 0.04% | 0.003% |
| 286 | 22.364 | 22.265 | 22.501 | PBA | 113168 | 3038995 | 45.24% | 3.871% |

Sum of corrected areas: 78515222

Aliphatic EPH 102925.M Fri Nov 21 00:25:51 2025

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

# Manual Integration Report

| Sequence: | FF102925AR | Instrument | FID_f |
|---|---|---|---|

| 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: | FF111725AR | Instrument | FID_f |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| 20 PPM AROMATIC HC | FF016716.D | Indeno[1,2,3-cd]pyrene (C35.01) | rahul | 11/18/2025 11:02:04 AM | mohammad | 11/19/2025 12:23:12 | Peak Integrated by Software |

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

# Manual Integration Report

| Sequence: | FG102925AL | Instrument | FID_g |
|---|---|---|---|

| 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: | FG111725AL | Instrument | FID_g |
|---|---|---|---|

| 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: | FG112025AL | Instrument | FID_g |
|---|---|---|---|

| 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

**Instrument ID: FID_F**

## Daily Analysis Runlog For Sequence/QCBatch ID # FF102925AR

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 10/29/2025 1:14:34 PM | | |
| Supervise By | Sohil | Supervise On | 10/30/2025 4:01:10 PM | | |
| SubDirectory | FF102925AR | HP Acquire Method | | HP Processing Method | FF102925AR |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP24954,PP24956,PP24957,PP24958,PP24959 |
| CCC | PP24961 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP24955,PP24960 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | Data File Name | Date-Time | Operator | Status |
|---|---|---|---|---|---|
| 1 | MECL2 | FF016609.D | 29 Oct 2025 13:36 | YP\AJ | Ok |
| 2 | I.BLK | FF016610.D | 29 Oct 2025 14:05 | YP\AJ | Ok |
| 3 | 100 PPM AROMATIC HC STD1 | FF016611.D | 29 Oct 2025 14:35 | YP\AJ | Not Ok |
| 4 | 50 PPM AROMATIC HC STD2 | FF016612.D | 29 Oct 2025 15:04 | YP\AJ | Ok |
| 5 | 20 PPM AROMATIC HC STD3 | FF016613.D | 29 Oct 2025 15:34 | YP\AJ | Ok |
| 6 | 10 PPM AROMATIC HC STD4 | FF016614.D | 29 Oct 2025 16:03 | YP\AJ | Ok |
| 7 | 100 PPM AROMATIC HC STD1 | FF016615.D | 29 Oct 2025 17:02 | YP\AJ | Ok |
| 8 | 5 PPM AROMATIC HC STD5 | FF016616.D | 29 Oct 2025 18:07 | YP\AJ | Ok |
| 9 | 20 PPM AROMATIC HC STD ICV | FF016617.D | 29 Oct 2025 19:06 | YP\AJ | Ok |
| 10 | I.BLK | FF016618.D | 29 Oct 2025 20:05 | YP\AJ | Ok |
| 11 | 20 PPM AROMATIC HC STD | FF016619.D | 29 Oct 2025 20:34 | YP\AJ | Ok |

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**Instrument ID: FID_F**

## Daily Analysis Runlog For Sequence/QCBatch ID # FF111725AR

| | | | | | |
|---|---|---|---|---|---|
| Review By | rahul | Review On | 11/17/2025 3:33:41 PM | | |
| Supervise By | mohammad | Supervise On | 11/19/2025 12:23:12 AM | | |
| SubDirectory | FF111725AR | HP Acquire Method | | HP Processing Method | FF102925AR |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP24954,PP24956,PP24957,PP24958,PP24959 |
| CCC | PP24961 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP24955,PP24960 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | Data File Name | Date-Time | Operator | Status |
|---|---|---|---|---|---|
| 1 | MECL2 | FF016714.D | 17 Nov 2025 10:24 | YP\AJ | Ok |
| 2 | I.BLK | FF016715.D | 17 Nov 2025 13:50 | YP\AJ | Ok |
| 3 | 20 PPM AROMATIC HC STD | FF016716.D | 17 Nov 2025 14:20 | YP\AJ | Ok,M |
| 4 | PB170577BS | FF016717.D | 17 Nov 2025 15:00 | YP\AJ | Ok |
| 5 | PB170577BSD | FF016718.D | 17 Nov 2025 15:30 | YP\AJ | Ok |
| 6 | PB170577BL | FF016719.D | 17 Nov 2025 16:34 | YP\AJ | Ok |
| 7 | PB170496BS | FF016720.D | 17 Nov 2025 17:03 | YP\AJ | Not Ok |
| 8 | PB170496BSD | FF016721.D | 17 Nov 2025 17:32 | YP\AJ | Not Ok |
| 9 | Q3586-01 | FF016722.D | 17 Nov 2025 18:02 | YP\AJ | Ok |
| 10 | Q3586-02 | FF016723.D | 17 Nov 2025 18:31 | YP\AJ | Ok |
| 11 | Q3586-03 | FF016724.D | 17 Nov 2025 19:01 | YP\AJ | Ok |
| 12 | Q3586-03D | FF016725.D | 17 Nov 2025 19:30 | YP\AJ | Ok |
| 13 | Q3586-03MS | FF016726.D | 17 Nov 2025 19:59 | YP\AJ | Ok |
| 14 | Q3586-03MSD | FF016727.D | 17 Nov 2025 20:29 | YP\AJ | Ok |
| 15 | Q3618-01 | FF016728.D | 17 Nov 2025 20:58 | YP\AJ | Ok |
| 16 | Q3618-02 | FF016729.D | 17 Nov 2025 21:28 | YP\AJ | Ok |
| 17 | I.BLK | FF016730.D | 17 Nov 2025 22:27 | YP\AJ | Ok |
| 18 | 20 PPM AROMATIC HC STD | FF016731.D | 17 Nov 2025 22:56 | YP\AJ | Ok |

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**Instrument ID: FID_G**

## Daily Analysis Runlog For Sequence/QCBatch ID # FG102925AL

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 10/29/2025 1:10:18 PM | | |
| Supervise By | Sohil | Supervise On | 10/30/2025 4:00:31 PM | | |
| SubDirectory | FG102925AL | HP Acquire Method | | HP Processing Method | FG102925AL |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP24768,PP24770,PP24771,PP24772,PP24773 |
| CCC | PP24771 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP24769,PP24774 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | Data File Name | Date-Time | Operator | Status |
|---|---|---|---|---|---|
| 1 | MECL2 | FG016845.D | 29 Oct 2025 13:06 | YP\AJ | Ok |
| 2 | I.BLK | FG016846.D | 29 Oct 2025 13:36 | YP\AJ | Ok |
| 3 | 100 PPM ALIPHATIC HC STD1 | FG016847.D | 29 Oct 2025 14:05 | YP\AJ | Not Ok |
| 4 | 50 PPM ALIPHATIC HC STD2 | FG016848.D | 29 Oct 2025 14:35 | YP\AJ | Ok |
| 5 | 20 PPM ALIPHATIC HC STD3 | FG016849.D | 29 Oct 2025 15:04 | YP\AJ | Ok |
| 6 | 10 PPM ALIPHATIC HC STD4 | FG016850.D | 29 Oct 2025 15:34 | YP\AJ | Ok |
| 7 | 5 PPM ALIPHATIC HC STD5 | FG016851.D | 29 Oct 2025 16:03 | YP\AJ | Ok |
| 8 | 100 PPM ALIPHATIC HC STD1 | FG016852.D | 29 Oct 2025 16:33 | YP\AJ | Ok |
| 9 | 20 PPM ALIPHATIC HC STD ICV | FG016853.D | 29 Oct 2025 17:32 | YP\AJ | Ok |
| 10 | I.BLK | FG016854.D | 29 Oct 2025 19:35 | YP\AJ | Ok |
| 11 | 20 PPM ALIPHATIC HC STD | FG016855.D | 29 Oct 2025 20:05 | YP\AJ | Ok |

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**Instrument ID: FID_G**

## Daily Analysis Runlog For Sequence/QCBatch ID # FG111725AL

| | | | | | |
|---|---|---|---|---|---|
| Review By | rahul | Review On | 11/17/2025 3:35:35 PM | | |
| Supervise By | mohammad | Supervise On | 11/19/2025 12:23:20 AM | | |
| SubDirectory | FG111725AL | HP Acquire Method | | HP Processing Method | FG102925AL |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP24768,PP24770,PP24771,PP24772,PP24773 |
| CCC | PP24771 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP24769,PP24774 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | Data File Name | Date-Time | Operator | Status |
|---|---|---|---|---|---|
| 1 | MECL2 | FG016923.D | 17 Nov 2025 10:24 | YP\AJ | Ok |
| 2 | I.BLK | FG016924.D | 17 Nov 2025 13:50 | YP\AJ | Ok |
| 3 | 20 PPM ALIPHATIC HC STD | FG016925.D | 17 Nov 2025 14:20 | YP\AJ | Ok |
| 4 | PB170577BL | FG016926.D | 17 Nov 2025 16:34 | YP\AJ | Not Ok |
| 5 | PB170577BS | FG016927.D | 17 Nov 2025 17:03 | YP\AJ | Ok |
| 6 | PB170577BSD | FG016928.D | 17 Nov 2025 17:32 | YP\AJ | Ok |
| 7 | Q3586-01 | FG016929.D | 17 Nov 2025 18:02 | YP\AJ | Ok |
| 8 | Q3586-02 | FG016930.D | 17 Nov 2025 18:31 | YP\AJ | Ok |
| 9 | Q3586-03 | FG016931.D | 17 Nov 2025 19:01 | YP\AJ | ReRun |
| 10 | Q3586-03D | FG016932.D | 17 Nov 2025 19:30 | YP\AJ | Not Ok |
| 11 | Q3586-03MS | FG016933.D | 17 Nov 2025 19:59 | YP\AJ | Not Ok |
| 12 | Q3586-03MSD | FG016934.D | 17 Nov 2025 20:29 | YP\AJ | Not Ok |
| 13 | Q3618-01 | FG016935.D | 17 Nov 2025 20:58 | YP\AJ | Ok |
| 14 | Q3618-02 | FG016936.D | 17 Nov 2025 21:28 | YP\AJ | Ok |
| 15 | I.BLK | FG016937.D | 17 Nov 2025 22:27 | YP\AJ | Ok |
| 16 | 20 PPM ALIPHATIC HC STD | FG016938.D | 17 Nov 2025 22:56 | YP\AJ | Ok |

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**Instrument ID: FID_G**

## Daily Analysis Runlog For Sequence/QCBatch ID # FG112025AL

| | | | | | |
|---|---|---|---|---|---|
| Review By | Rahul | Review On | 11/20/2025 10:43:14 AM | | |
| Supervise By | mohammad | Supervise On | 11/21/2025 6:40:27 AM | | |
| SubDirectory | FG112025AL | HP Acquire Method | | HP Processing Method | FG102925AL |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP24768,PP24770,PP24771,PP24772,PP24773 |
| CCC | PP24771 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP24769,PP24774 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | Data File Name | Date-Time | Operator | Status |
|---|---|---|---|---|---|
| 1 | MECL2 | FG016954.D | 20 Nov 2025 09:37 | YP\AJ | Ok |
| 2 | I.BLK | FG016955.D | 20 Nov 2025 10:07 | YP\AJ | Ok |
| 3 | 20 PPM ALIPHATIC HC STD | FG016956.D | 20 Nov 2025 10:36 | YP\AJ | Ok |
| 4 | PB170577BL | FG016957.D | 20 Nov 2025 11:09 | YP\AJ | Ok |
| 5 | Q3586-03 | FG016958.D | 20 Nov 2025 13:13 | YP\AJ | Ok |
| 6 | Q3586-03D | FG016959.D | 20 Nov 2025 13:43 | YP\AJ | Ok,M |
| 7 | Q3586-03MS | FG016960.D | 20 Nov 2025 14:56 | YP\AJ | Ok |
| 8 | Q3586-03MSD | FG016961.D | 20 Nov 2025 15:41 | YP\AJ | Ok |
| 9 | I.BLK | FG016962.D | 20 Nov 2025 16:41 | YP\AJ | Ok |
| 10 | 20 PPM ALIPHATIC HC STD | FG016963.D | 20 Nov 2025 17:15 | YP\AJ | Ok |

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**Instrument ID:** FID_F

## Daily Analysis Runlog For Sequence/QCBatch ID # FF102925AR

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 10/29/2025 1:14:34 PM | | |
| Supervise By | Sohil | Supervise On | 10/30/2025 4:01:10 PM | | |
| SubDirectory | FF102925AR | HP Acquire Method | | HP Processing Method | FF102925AR |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP24954,PP24956,PP24957,PP24958,PP24959 |
| CCC | PP24961 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP24955,PP24960 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | ClientID | Data File Name | Date-Time | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | MECL2 | MECL2 | FF016609.D | 29 Oct 2025 13:36 | | YP\AJ | Ok |
| 2 | I.BLK | I.BLK | FF016610.D | 29 Oct 2025 14:05 | | YP\AJ | Ok |
| 3 | 100 PPM AROMATIC H | 100 PPM AROMATIC H | FF016611.D | 29 Oct 2025 14:35 | | YP\AJ | Not Ok |
| 4 | 50 PPM AROMATIC HC | 50 PPM AROMATIC HC | FF016612.D | 29 Oct 2025 15:04 | | YP\AJ | Ok |
| 5 | 20 PPM AROMATIC HC | 20 PPM AROMATIC HC | FF016613.D | 29 Oct 2025 15:34 | | YP\AJ | Ok |
| 6 | 10 PPM AROMATIC HC | 10 PPM AROMATIC HC | FF016614.D | 29 Oct 2025 16:03 | | YP\AJ | Ok |
| 7 | 100 PPM AROMATIC H | 100 PPM AROMATIC H | FF016615.D | 29 Oct 2025 17:02 | | YP\AJ | Ok |
| 8 | 5 PPM AROMATIC HC | 5 PPM AROMATIC HC | FF016616.D | 29 Oct 2025 18:07 | | YP\AJ | Ok |
| 9 | 20 PPM AROMATIC HC | 20 PPM AROMATIC HC | FF016617.D | 29 Oct 2025 19:06 | | YP\AJ | Ok |
| 10 | I.BLK | I.BLK | FF016618.D | 29 Oct 2025 20:05 | | YP\AJ | Ok |
| 11 | 20 PPM AROMATIC HC | 20 PPM AROMATIC HC | FF016619.D | 29 Oct 2025 20:34 | | YP\AJ | Ok |

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**Instrument ID:** FID_F

## Daily Analysis Runlog For Sequence/QCBatch ID # FF111725AR

| | | | | | |
|---|---|---|---|---|---|
| Review By | rahul | Review On | 11/17/2025 3:33:41 PM | | |
| Supervise By | mohammad | Supervise On | 11/19/2025 12:23:12 AM | | |
| SubDirectory | FF111725AR | HP Acquire Method | | HP Processing Method | FF102925AR |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP24954,PP24956,PP24957,PP24958,PP24959 |
| CCC | PP24961 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP24955,PP24960 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | ClientID | Data File Name | Date-Time | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | MECL2 | MECL2 | FF016714.D | 17 Nov 2025 10:24 | | YP\AJ | Ok |
| 2 | I.BLK | I.BLK | FF016715.D | 17 Nov 2025 13:50 | | YP\AJ | Ok |
| 3 | 20 PPM AROMATIC HC | 20 PPM AROMATIC HC | FF016716.D | 17 Nov 2025 14:20 | | YP\AJ | Ok,M |
| 4 | PB170577BS | PB170577BS | FF016717.D | 17 Nov 2025 15:00 | | YP\AJ | Ok |
| 5 | PB170577BSD | PB170577BSD | FF016718.D | 17 Nov 2025 15:30 | | YP\AJ | Ok |
| 6 | PB170577BL | PB170577BL | FF016719.D | 17 Nov 2025 16:34 | | YP\AJ | Ok |
| 7 | PB170496BS | PB170496BS | FF016720.D | 17 Nov 2025 17:03 | recoovery ffail | YP\AJ | Not Ok |
| 8 | PB170496BSD | PB170496BSD | FF016721.D | 17 Nov 2025 17:32 | recoovery ffail | YP\AJ | Not Ok |
| 9 | Q3586-01 | SED-1 | FF016722.D | 17 Nov 2025 18:02 | | YP\AJ | Ok |
| 10 | Q3586-02 | SED-2 | FF016723.D | 17 Nov 2025 18:31 | | YP\AJ | Ok |
| 11 | Q3586-03 | SED-3 | FF016724.D | 17 Nov 2025 19:01 | | YP\AJ | Ok |
| 12 | Q3586-03D | Q3586-03D | FF016725.D | 17 Nov 2025 19:30 | | YP\AJ | Ok |
| 13 | Q3586-03MS | SED-3MS | FF016726.D | 17 Nov 2025 19:59 | FF016724.D | YP\AJ | Ok |
| 14 | Q3586-03MSD | SED-3MSD | FF016727.D | 17 Nov 2025 20:29 | FF016724.D!FF016726.D | YP\AJ | Ok |
| 15 | Q3618-01 | EME-TOP-SOIL | FF016728.D | 17 Nov 2025 20:58 | | YP\AJ | Ok |
| 16 | Q3618-02 | EME-GENERAL-FILL | FF016729.D | 17 Nov 2025 21:28 | | YP\AJ | Ok |
| 17 | I.BLK | I.BLK | FF016730.D | 17 Nov 2025 22:27 | | YP\AJ | Ok |
| 18 | 20 PPM AROMATIC HC | 20 PPM AROMATIC HC | FF016731.D | 17 Nov 2025 22:56 | | YP\AJ | Ok |

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**Instrument ID:** FID_F

## Daily Analysis Runlog For Sequence/QCBatch ID # FF111725AR

| | | | | | |
|---|---|---|---|---|---|
| Review By | rahul | Review On | 11/17/2025 3:33:41 PM | | |
| Supervise By | mohammad | Supervise On | 11/19/2025 12:23:12 AM | | |
| SubDirectory | FF111725AR | HP Acquire Method | | HP Processing Method | FF102925AR |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP24954,PP24956,PP24957,PP24958,PP24959 |
| CCC | PP24961 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP24955,PP24960 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

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**Instrument ID:** FID_G

## Daily Analysis Runlog For Sequence/QCBatch ID # FG102925AL

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 10/29/2025 1:10:18 PM | | |
| Supervise By | Sohil | Supervise On | 10/30/2025 4:00:31 PM | | |
| SubDirectory | FG102925AL | HP Acquire Method | | HP Processing Method | FG102925AL |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP24768,PP24770,PP24771,PP24772,PP24773 |
| CCC | PP24771 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP24769,PP24774 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | ClientID | Data File Name | Date-Time | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | MECL2 | MECL2 | FG016845.D | 29 Oct 2025 13:06 | | YP\AJ | Ok |
| 2 | I.BLK | I.BLK | FG016846.D | 29 Oct 2025 13:36 | | YP\AJ | Ok |
| 3 | 100 PPM ALIPHATIC H | 100 PPM ALIPHATIC H | FG016847.D | 29 Oct 2025 14:05 | | YP\AJ | Not Ok |
| 4 | 50 PPM ALIPHATIC HC | 50 PPM ALIPHATIC HC | FG016848.D | 29 Oct 2025 14:35 | | YP\AJ | Ok |
| 5 | 20 PPM ALIPHATIC HC | 20 PPM ALIPHATIC HC | FG016849.D | 29 Oct 2025 15:04 | | YP\AJ | Ok |
| 6 | 10 PPM ALIPHATIC HC | 10 PPM ALIPHATIC HC | FG016850.D | 29 Oct 2025 15:34 | | YP\AJ | Ok |
| 7 | 5 PPM ALIPHATIC HC | 5 PPM ALIPHATIC HC | FG016851.D | 29 Oct 2025 16:03 | | YP\AJ | Ok |
| 8 | 100 PPM ALIPHATIC H | 100 PPM ALIPHATIC H | FG016852.D | 29 Oct 2025 16:33 | | YP\AJ | Ok |
| 9 | 20 PPM ALIPHATIC HC | 20 PPM ALIPHATIC HC | FG016853.D | 29 Oct 2025 17:32 | | YP\AJ | Ok |
| 10 | I.BLK | I.BLK | FG016854.D | 29 Oct 2025 19:35 | | YP\AJ | Ok |
| 11 | 20 PPM ALIPHATIC HC | 20 PPM ALIPHATIC HC | FG016855.D | 29 Oct 2025 20:05 | | YP\AJ | Ok |

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**Instrument ID:** FID_G

## Daily Analysis Runlog For Sequence/QCBatch ID # FG111725AL

| | | | | | |
|---|---|---|---|---|---|
| Review By | rahul | Review On | 11/17/2025 3:35:35 PM | | |
| Supervise By | mohammad | Supervise On | 11/19/2025 12:23:20 AM | | |
| SubDirectory | FG111725AL | HP Acquire Method | | HP Processing Method | FG102925AL |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP24768,PP24770,PP24771,PP24772,PP24773 |
| CCC | PP24771 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP24769,PP24774 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | ClientID | Data File Name | Date-Time | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | MECL2 | MECL2 | FG016923.D | 17 Nov 2025 10:24 | | YP\AJ | Ok |
| 2 | I.BLK | I.BLK | FG016924.D | 17 Nov 2025 13:50 | | YP\AJ | Ok |
| 3 | 20 PPM ALIPHATIC HC | 20 PPM ALIPHATIC HC | FG016925.D | 17 Nov 2025 14:20 | | YP\AJ | Ok |
| 4 | PB170577BL | PB170577BL | FG016926.D | 17 Nov 2025 16:34 | Surrogate fail | YP\AJ | Not Ok |
| 5 | PB170577BS | PB170577BS | FG016927.D | 17 Nov 2025 17:03 | | YP\AJ | Ok |
| 6 | PB170577BSD | PB170577BSD | FG016928.D | 17 Nov 2025 17:32 | | YP\AJ | Ok |
| 7 | Q3586-01 | SED-1 | FG016929.D | 17 Nov 2025 18:02 | | YP\AJ | Ok |
| 8 | Q3586-02 | SED-2 | FG016930.D | 17 Nov 2025 18:31 | | YP\AJ | Ok |
| 9 | Q3586-03 | SED-3 | FG016931.D | 17 Nov 2025 19:01 | Surrogate fail | YP\AJ | ReRun |
| 10 | Q3586-03D | Q3586-03D | FG016932.D | 17 Nov 2025 19:30 | Not matching with original | YP\AJ | Not Ok |
| 11 | Q3586-03MS | SED-3MS | FG016933.D | 17 Nov 2025 19:59 | FG016931.D | YP\AJ | Not Ok |
| 12 | Q3586-03MSD | SED-3MSD | FG016934.D | 17 Nov 2025 20:29 | FG016931.D!FG016933.D | YP\AJ | Not Ok |
| 13 | Q3618-01 | EME-TOP-SOIL | FG016935.D | 17 Nov 2025 20:58 | | YP\AJ | Ok |
| 14 | Q3618-02 | EME-GENERAL-FILL | FG016936.D | 17 Nov 2025 21:28 | | YP\AJ | Ok |
| 15 | I.BLK | I.BLK | FG016937.D | 17 Nov 2025 22:27 | | YP\AJ | Ok |
| 16 | 20 PPM ALIPHATIC HC | 20 PPM ALIPHATIC HC | FG016938.D | 17 Nov 2025 22:56 | | YP\AJ | Ok |

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**Instrument ID:** FID_G

## Daily Analysis Runlog For Sequence/QCBatch ID # FG112025AL

| | | | | | |
|---|---|---|---|---|---|
| Review By | Rahul | Review On | 11/20/2025 10:43:14 AM | | |
| Supervise By | mohammad | Supervise On | 11/21/2025 6:40:27 AM | | |
| SubDirectory | FG112025AL | HP Acquire Method | | HP Processing Method | FG102925AL |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP24768,PP24770,PP24771,PP24772,PP24773 |
| CCC | PP24771 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP24769,PP24774 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | ClientID | Data File Name | Date-Time | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | MECL2 | MECL2 | FG016954.D | 20 Nov 2025 09:37 | | YP\AJ | Ok |
| 2 | I.BLK | I.BLK | FG016955.D | 20 Nov 2025 10:07 | | YP\AJ | Ok |
| 3 | 20 PPM ALIPHATIC HC | 20 PPM ALIPHATIC HC | FG016956.D | 20 Nov 2025 10:36 | | YP\AJ | Ok |
| 4 | PB170577BL | PB170577BL | FG016957.D | 20 Nov 2025 11:09 | | YP\AJ | Ok |
| 5 | Q3586-03 | SED-3 | FG016958.D | 20 Nov 2025 13:13 | | YP\AJ | Ok |
| 6 | Q3586-03D | Q3586-03D | FG016959.D | 20 Nov 2025 13:43 | | YP\AJ | Ok,M |
| 7 | Q3586-03MS | SED-3MS | FG016960.D | 20 Nov 2025 14:56 | FG016958.D | YP\AJ | Ok |
| 8 | Q3586-03MSD | SED-3MSD | FG016961.D | 20 Nov 2025 15:41 | FG016958.D!FG016960.D | YP\AJ | Ok |
| 9 | I.BLK | I.BLK | FG016962.D | 20 Nov 2025 16:41 | | YP\AJ | Ok |
| 10 | 20 PPM ALIPHATIC HC | 20 PPM ALIPHATIC HC | FG016963.D | 20 Nov 2025 17:15 | | YP\AJ | Ok |

M : Manual Integration

Alliance TECHNICAL GROUP

**EXTRACTION LOGPAGE**

PB170577

| | | | | | |
|---|---|---|---|---|---|
| **SOP ID:** | MNJDEP-EPH-8 | | | | |
| **Clean Up SOP #:** | N/A | | | **Extraction Start Date :** | 11/17/2025 |
| **Matrix :** | Solid | | | **Extraction Start Time :** | 08:38 |
| **Weigh By:** | EH | **Extraction By:** | RJ | **Extraction End Date :** | 11/17/2025 |
| **Balance check:** | EH | **Filter By:** | RJ | **Extraction End Time :** | 14:25 |
| **Balance ID:** | EX-SC-2 | **pH Meter ID:** | N/A | **Concentration By:** | EH |
| **pH Strip Lot#:** | N/A | **Hood ID:** | 3,7 | **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 | PP25005 |
| Surrogate | 1.0ML | 100 PPM | PP25012 |
| Fractionation Surrogate | 1.0ML | 100 PPM | PP24994 |
| 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 | EP2659 |
| Baked Na2SO4 | N/A | EP2655 |
| Sand | N/A | E3951 |
| Hexane | N/A | E3984 |
| Methylene Chloride | N/A | E3986 |
| EPH Cartridge | N/A | E3970 |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |

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

1.5ML Vial Lot # 2210443.

| | | | |
|---|---|---|---|
| **KD Bath ID:** | N/A | **Envap ID:** | N-EVAP-02 |
| **KD Bath Temperature:** | N/A | **Envap Temperature:** | 40 °C |

| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|---|---|---|
| 11/17/25 | RS (Ext-Lab) | RC/Post PCB |
| 14:27 | **Preparation Group** | **Analysis Group** |

Alliance TECHNICAL GROUP

**EXTRACTION LOGPAGE**

**PrepBatch ID : PB170577**

**Analytical Method:** MNJDEP-EPH-8 **Concentration Date:** 11/17/2025

| Sample ID | Client Sample ID | Test | g// mL | PH | Surr/Spike By: | | Final Vol. (mL) | JarID | Comments | Prep Pos |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | AddedBy | VerifiedBy | | | | |
| PB170577BL | PB170577BL | EPH | 30.01 | N/A | ritesh | Evelyn | 2 | | | U2-1 |
| PB170577BS | PB170577BS | EPH | 30.03 | N/A | ritesh | Evelyn | 2 | | | 2 |
| PB170577BSD | PB170577BSD | EPH | 30.02 | N/A | ritesh | Evelyn | 2 | | | 3 |
| Q3586-01 | SED-1 | EPH | 30.04 | N/A | ritesh | Evelyn | 2 | H | | 4 |
| Q3586-02 | SED-2 | EPH | 30.08 | N/A | ritesh | Evelyn | 2 | H | | 5 |
| Q3586-03 | SED-3 | EPH | 30.07 | N/A | ritesh | Evelyn | 2 | H | | 6 |
| Q3586-03DUP | SED-3DUP | EPH | 30.05 | N/A | ritesh | Evelyn | 2 | H | | U3-1 |
| Q3586-03MS | SED-3MS | EPH | 30.03 | N/A | ritesh | Evelyn | 2 | H | | 2 |
| Q3586-03MSD | SED-3MSD | EPH | 30.01 | N/A | ritesh | Evelyn | 2 | H | | 3 |
| Q3618-01 | EME-TOP-SOIL | EPH | 30.06 | N/A | ritesh | Evelyn | 2 | E | | 4 |
| Q3618-02 | EME-GENERAL-FILL | EPH | 30.09 | N/A | ritesh | Evelyn | 2 | F | | 5 |

RS
11/17

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

1705778:38

# WORKLIST(Hardcopy Internal Chain)

**WorkList Name :** Q3586 **WorkList ID :** 193150 **Department :** Extraction **Date :** 11-17-2025 08:34:17

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| Q3586-01 | SED-1 | Solid | EPH | Cool 4 deg C | REMI02 | D31 | 11/06/2025 | NJEPH |
| Q3586-02 | SED-2 | Solid | EPH | Cool 4 deg C | REMI02 | D31 | 11/06/2025 | NJEPH |
| Q3586-03 | SED-3 | Solid | EPH | Cool 4 deg C | REMI02 | D31 | 11/06/2025 | NJEPH |
| Q3618-01 | EME-TOP-SOIL | Solid | EPH | Cool 4 deg C | ENTA05 | D41 | 11/12/2025 | NJEPH |
| Q3618-02 | EME-GENERAL-FILL | Solid | EPH | Cool 4 deg C | ENTA05 | D41 | 11/12/2025 | NJEPH |

**Date/Time** 11/17/25 8:35
**Raw Sample Received by:** RJ (Ext Lab)
**Raw Sample Relinquished by:** CR



**Date/Time** 11/17/25 8:50
**Raw Sample Received by:** CR
**Raw Sample Relinquished by:** RJ (Ext Lab)

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

# LAB CHRONICLE

| | | | |
|---|---|---|---|
| **OrderID:** | Q3586 | **OrderDate:** | 11/7/2025 3:20:00 PM |
| **Client:** | Remington & Vernick Engineers | **Project:** | Edison Landfill |
| **Contact:** | Kyle Carlson | **Location:** | D31 |

| LabID | ClientID | Matrix | Test | Method | Sample Date | Prep Date | Anal Date | Received |
|---|---|---|---|---|---|---|---|---|
| **Q3586-01** | **SED-1** | **SOIL** | | | **11/06/25** | | | **11/07/25** |
| | | | PCB | 8082A | | 11/11/25 | 11/11/25 | |
| | | | Pesticide-TCL | 8081B | | 11/11/25 | 11/11/25 | |
| | | | EPH | NJEPH | | 11/17/25 | 11/17/25 | |
| **Q3586-02** | **SED-2** | **SOIL** | | | **11/06/25** | | | **11/07/25** |
| | | | PCB | 8082A | | 11/11/25 | 11/11/25 | |
| | | | Pesticide-TCL | 8081B | | 11/11/25 | 11/11/25 | |
| | | | EPH | NJEPH | | 11/17/25 | 11/17/25 | |
| **Q3586-03** | **SED-3** | **SOIL** | | | **11/06/25** | | | **11/07/25** |
| | | | PCB | 8082A | | 11/11/25 | 11/11/25 | |
| | | | Pesticide-TCL | 8081B | | 11/11/25 | 11/11/25 | |
| | | | EPH | NJEPH | | 11/17/25 | 11/17/25 | |
| | | | EPH | NJEPH | | 11/17/25 | 11/20/25 | |