

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG031621\  
 Data File : FG007713.D  
 Signal(s) : FID1A.ch  
 Acq On : 16 Mar 2021 14:42  
 Operator : DD\AJ  
 Sample : M1678-01MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 D2470-D2800(SOIL)-AMS

Manual Integrations  
 APPROVED

Ankita  
 3/17/2021 4:37:59 PM

Integration File: autoint1.e  
 Quant Time: Mar 17 01:13:31 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG031221.M  
 Quant Title :  
 QLast Update : Mon Mar 15 09:29:28 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1uL  
 Signal Phase : Rxi-1ms  
 Signal Info : 20mx0.18mmx0.18um

| Compound                      | R.T.   | Response | Conc Units    |
|-------------------------------|--------|----------|---------------|
| -----                         |        |          |               |
| System Monitoring Compounds   |        |          |               |
| 9) S TETRACOSANE-d50 (SURR... | 14.450 | 2001936  | 15.822 ug/ml  |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.102  | 1832915  | 12.760 ug/ml  |
| 2) N-DECANE                   | 4.171  | 2180467  | 14.877 ug/ml  |
| 3) N-DODECANE                 | 6.191  | 2262152  | 15.272 ug/ml  |
| 4) N-TETRADECANE              | 7.987  | 2413207  | 15.951 ug/ml  |
| 5) N-HEXADECANE               | 9.589  | 2474603  | 16.468 ug/ml  |
| 6) N-OCTADECANE               | 11.035 | 2355346  | 15.625 ug/ml  |
| 7) N-EICOSANE                 | 12.348 | 2614240  | 17.680 ug/ml  |
| 8) N-DOCOSANE                 | 13.548 | 3085577  | 21.203 ug/ml  |
| 10) N-TETRACOSANE             | 14.655 | 2373527  | 16.543 ug/ml  |
| 11) N-HEXACOSANE              | 15.679 | 2213671  | 15.840 ug/ml  |
| 12) N-OCTACOSANE              | 16.632 | 2266184  | 16.571 ug/ml  |
| 13) N-TRIACONTANE             | 17.521 | 2139682  | 16.178 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.355 | 1969046  | 15.630 ug/mlm |
| 15) N-TETRATRIACONTANE        | 19.141 | 1755286  | 15.293 ug/ml  |
| 16) N-HEXATRIACONTANE         | 19.883 | 1528250  | 15.104 ug/ml  |
| 17) N-OCTATRIACONTANE         | 20.598 | 1576885  | 17.219 ug/ml  |
| 18) N-TETRACONTANE            | 21.436 | 1582659  | 18.072 ug/ml  |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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