

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG120224\  
 Data File : FG014919.D  
 Signal(s) : FID1A.ch  
 Acq On : 02 Dec 2024 18:05  
 Operator : YP\AJ  
 Sample : P5026-07MSD  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 SOIL-1-HAM-TPH2MSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 12/03/2024  
 Supervised By :Ankita Jodhani 12/03/2024

Integration File: autoint1.e  
 Quant Time: Dec 03 01:59:58 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG112024.M  
 Quant Title :  
 QLast Update : Thu Nov 21 02:41:43 2024  
 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... | 15.039 | 1413139  | 12.246 ug/ml  |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.055  | 1506551  | 11.362 ug/ml  |
| 2) N-DECANE                   | 4.566  | 1813568  | 13.591 ug/ml  |
| 3) N-DODECANE                 | 6.737  | 1902261  | 13.825 ug/ml  |
| 4) N-TETRADECANE              | 8.568  | 1946642  | 14.602 ug/ml  |
| 5) N-HEXADECANE               | 10.179 | 1946915  | 14.466 ug/ml  |
| 6) N-OCTADECANE               | 11.625 | 1972628  | 14.369 ug/ml  |
| 7) N-EICOSANE                 | 12.938 | 1963276  | 14.815 ug/ml  |
| 8) N-DOCOSANE                 | 14.139 | 1884879  | 14.609 ug/ml  |
| 10) N-TETRACOSANE             | 15.243 | 1855915  | 14.655 ug/ml  |
| 11) N-HEXACOSANE              | 16.265 | 1824155  | 14.826 ug/ml  |
| 12) N-OCTACOSANE              | 17.215 | 1782261  | 14.732 ug/ml  |
| 13) N-TRIACONTANE             | 18.104 | 1784398  | 14.881 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.937 | 1755468  | 15.092 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.720 | 1599590  | 15.859 ug/mlm |
| 16) N-HEXATRIACONTANE         | 20.461 | 1410799  | 17.397 ug/ml  |
| 17) N-OCTATRIACONTANE         | 21.208 | 1368753  | 19.819 ug/ml  |
| 18) N-TETRACONTANE            | 22.144 | 1263345  | 20.479 ug/mlm |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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