

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG071825\  
 Data File : FG016339.D  
 Signal(s) : FID1A.ch  
 Acq On : 18 Jul 2025 14:22  
 Operator : YP\AJ  
 Sample : Q2592-01MS  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 WC-SOIL-20250711MS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/22/2025  
 Supervised By :mohammad ahmed 07/23/2025

Integration File: autoint1.e  
 Quant Time: Jul 19 05:43:39 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG070925.M  
 Quant Title :  
 QLast Update : Wed Jul 09 12:46:24 2025  
 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... | 15.213 | 1451326  | 14.515 ug/mlm |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.116  | 1068257  | 9.460 ug/ml   |
| 2) N-DECANE                   | 4.668  | 1635891  | 14.204 ug/ml  |
| 3) N-DODECANE                 | 6.851  | 1901051  | 16.397 ug/ml  |
| 4) N-TETRADECANE              | 8.693  | 2006184  | 16.997 ug/ml  |
| 5) N-HEXADECANE               | 10.313 | 2001209  | 17.302 ug/ml  |
| 6) N-OCTADECANE               | 11.770 | 2104139  | 17.926 ug/ml  |
| 7) N-EICOSANE                 | 13.095 | 2329122  | 19.469 ug/mlm |
| 8) N-DOCOSANE                 | 14.303 | 2190672  | 19.010 ug/mlm |
| 10) N-TETRACOSANE             | 15.416 | 4494603  | 39.339 ug/mlm |
| 11) N-HEXACOSANE              | 16.452 | 1988004  | 18.066 ug/mlm |
| 12) N-OCTACOSANE              | 17.410 | 3713536  | 34.148 ug/mlm |
| 13) N-TRIACONTANE             | 18.309 | 3017222  | 28.235 ug/mlm |
| 14) N-DOTRIACONTANE           | 19.150 | 3404926  | 33.672 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.941 | 2280585  | 25.065 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.691 | 1907661  | 25.331 ug/mlm |
| 17) N-OCTATRIACONTANE         | 21.486 | 1730529  | 26.590 ug/mlm |
| 18) N-TETRACONTANE            | 22.506 | 1994449  | 34.605 ug/mlm |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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