

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG100522\  
 Data File : FG010778.D  
 Signal(s) : FID1A.ch  
 Acq On : 06 Oct 2022 00:23  
 Operator : YP\AJ  
 Sample : N4955-05  
 Misc : 5 PPM SOIL LOQ  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 LOQ-SOIL-05-QT4-2022

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/06/2022  
 Supervised By :Ankita Jodhani 10/06/2022

Integration File: autoint1.e  
 Quant Time: Oct 06 06:42:01 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG092822.M  
 Quant Title :  
 QLast Update : Thu Sep 29 02:21:49 2022  
 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... | 14.740 | 3047229  | 25.117 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 1.772  | 728799   | 5.717 ug/ml  |
| 2) N-DECANE                   | 4.264  | 821653   | 6.314 ug/ml  |
| 3) N-DODECANE                 | 6.445  | 826369   | 6.231 ug/ml  |
| 4) N-TETRADECANE              | 8.276  | 833432   | 6.215 ug/ml  |
| 5) N-HEXADECANE               | 9.884  | 878894   | 6.339 ug/ml  |
| 6) N-OCTADECANE               | 11.327 | 906097   | 6.429 ug/ml  |
| 7) N-EICOSANE                 | 12.638 | 906100   | 6.408 ug/ml  |
| 8) N-DOCOSANE                 | 13.837 | 901352   | 6.511 ug/ml  |
| 10) N-TETRACOSANE             | 14.942 | 898055   | 6.518 ug/ml  |
| 11) N-HEXACOSANE              | 15.965 | 882446   | 6.541 ug/ml  |
| 12) N-OCTACOSANE              | 16.916 | 860395   | 6.561 ug/ml  |
| 13) N-TRIACONTANE             | 17.807 | 843992   | 6.557 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.640 | 786788   | 6.192 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.425 | 664133   | 5.290 ug/mlm |
| 16) N-HEXATRIACONTANE         | 20.167 | 506524   | 4.206 ug/ml  |
| 17) N-OCTATRIACONTANE         | 20.875 | 427862   | 3.481 ug/ml  |
| 18) N-TETRACONTANE            | 21.699 | 383725   | 3.055 ug/mlm |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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