

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG012825AL\  
 Data File : FG015188.D  
 Signal(s) : FID1A.ch  
 Acq On : 28 Jan 2025 18:14  
 Operator : YP\AJ  
 Sample : Q1168-02  
 Misc : 5 PPM SOIL LOQ  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 LOQ-SOIL-02-QT1-2025

Integration File: autoint1.e  
 Quant Time: Jan 29 02:36:12 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 011425.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 14 11:45:29 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... | 13.385 | 4990942    | 40.989 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 81.98%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.281  | 363844     | 2.802 ug/ml  |
| 2) T n-Decane (C10)            | 4.540  | 427266     | 3.215 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.719  | 487732     | 3.588 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.556  | 517384     | 3.762 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.171 | 543093     | 3.748 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.620 | 588241     | 3.958 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.936 | 590826     | 4.116 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.550 | 567846     | 4.016 ug/ml  |
| 13) T n-Docosane (C22)         | 14.139 | 563747     | 4.010 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.246 | 553513     | 3.977 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.270 | 535606     | 3.954 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.222 | 525021     | 3.990 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.113 | 535787     | 4.039 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.948 | 533273     | 4.228 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.734 | 511798     | 4.700 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.475 | 486555     | 5.212 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.223 | 476416     | 5.429 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.161 | 437658     | 5.163 ug/ml  |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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