

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE040823AL\  
 Data File : FE041260.D  
 Signal(s) : FID1B.ch  
 Acq On : 08 Apr 2023 14:54  
 Operator : YP\AJ  
 Sample : 02213-03  
 Misc : 2.5 PPM SOIL MDL  
 ALS Vial : 47 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 MDL-SOIL-03-QT2-2023

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 04/10/2023  
 Supervised By :Ankita Jodhani 04/10/2023

Integration File: autoint1.e  
 Quant Time: Apr 10 01:37:15 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 032523.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Mar 25 06:32:15 2023  
 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... | 13.277 | 5664195    | 39.368 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 78.74%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.243  | 187249     | 1.079 ug/ml  |
| 2) T n-Decane (C10)            | 4.488  | 225374     | 1.324 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.650  | 317423     | 1.830 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.475  | 309360     | 1.774 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.081 | 333614     | 1.876 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.521 | 394263     | 2.208 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.829 | 391374     | 2.294 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.442 | 334111     | 1.975 ug/ml  |
| 13) T n-Docosane (C22)         | 14.027 | 400298     | 2.419 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.131 | 433539     | 2.680 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.152 | 450503     | 2.906 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.104 | 476393     | 3.110 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.993 | 570147     | 3.730 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.825 | 582940     | 3.734 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 19.611 | 477420     | 3.081 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.351 | 406437     | 2.676 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.072 | 365483     | 2.340 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.950 | 379786     | 2.380 ug/ml  |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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