

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE061623AL\  
 Data File : FE042669.D  
 Signal(s) : FID1B.ch  
 Acq On : 16 Jun 2023 20:16  
 Operator : YP\AJ  
 Sample : 03262-04MS  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 WS-SOIL2-0615MS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/19/2023  
 Supervised By :Ankita Jodhani 06/19/2023

Integration File: autoint1.e  
 Quant Time: Jun 17 01:08:39 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 051823.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 18 06:27:12 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    |        |            |               |
| 9) S ortho-Terphenyl (SURR)    | 11.937 | 7639148    | 43.262 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 86.52%        |
| 12) S 1-chlorooctadecane (S... | 13.372 | 5973912    | 44.958 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 89.92%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.322  | 6953690    | 48.223 ug/ml  |
| 2) T n-Decane (C10)            | 4.572  | 8045677    | 54.349 ug/mlm |
| 3) T A~Naphthalene (C11.7)     | 6.276  | 9170974    | 56.208 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.738  | 8760303    | 58.420 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.374  | 9086328    | 57.254 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.569  | 9144850    | 61.044 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.175 | 10174621   | 65.318 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.619 | 10806217   | 68.336 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.931 | 11194756   | 73.853 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.542 | 10877074   | 73.418 ug/ml  |
| 13) T n-Docosane (C22)         | 14.128 | 10909066   | 74.415 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.228 | 21485664   | 148.838 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.255 | 10844994   | 78.304 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.203 | 10529122   | 78.644 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.093 | 10307037   | 76.353 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.923 | 9687012    | 72.513 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.705 | 9307513    | 70.774 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.445 | 8528395    | 65.617 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.191 | 8196467    | 60.413 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.115 | 8047842    | 57.849 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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