

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC040623AL\  
 Data File : FC063310.D  
 Signal(s) : FID1A.ch  
 Acq On : 06 Apr 2023 21:15  
 Operator : YP/AJ  
 Sample : 02213-01  
 Misc : 4 PPM SOIL LOD  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT2-2023

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 04/07/2023  
 Supervised By :Ankita Jodhani 04/07/2023

Integration File: autoint1.e  
 Quant Time: Apr 07 06:35:56 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 040523.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 05 07:22:46 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... | 12.969 | 4511098    | 40.770 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 81.54%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.299  | 242215     | 1.725 ug/ml  |
| 2) T n-Decane (C10)            | 4.365  | 278860     | 2.046 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.384  | 323166     | 2.402 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.177  | 290793     | 2.148 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.778  | 354060     | 2.607 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.217 | 419160     | 3.026 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.523 | 417081     | 3.104 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.134 | 389852     | 2.897 ug/ml  |
| 13) T n-Docosane (C22)         | 13.721 | 403544     | 3.026 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.821 | 404304     | 3.007 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.839 | 400256     | 2.990 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.786 | 404036     | 2.984 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.672 | 443794     | 3.208 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.501 | 510181     | 3.614 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.282 | 456191     | 3.306 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.019 | 372355     | 2.913 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.742 | 316453     | 2.570 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.636 | 289650     | 2.461 ug/mlm |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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