

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE121824AL\  
 Data File : FE051682.D  
 Signal(s) : FID1B.ch  
 Acq On : 18 Dec 2024 15:28  
 Operator : YP\AJ  
 Sample : P5312-01MS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 SOIL-VNJ-222MS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 12/19/2024  
 Supervised By :Ankita Jodhani 12/19/2024

Integration File: autoint1.e  
 Quant Time: Dec 19 01:10:32 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 121724.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Dec 17 15:04:25 2024  
 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)    | 12.008 | 4629454    | 28.836 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 57.67%        |
| 12) S 1-chlorooctadecane (S... | 13.426 | 3782999    | 29.989 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 59.98%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.490  | 4643164    | 38.751 ug/ml  |
| 2) T n-Decane (C10)            | 4.720  | 5416939    | 43.568 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.403  | 6786581    | 47.625 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.852  | 6445372    | 49.535 ug/mlm |
| 5) T A~2-methylnaphthalene...  | 7.485  | 6766100    | 47.810 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.663  | 7248898    | 54.064 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.255 | 7730141    | 54.091 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.688 | 8069732    | 54.742 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.988 | 8178437    | 56.848 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.594 | 7911818    | 55.675 ug/ml  |
| 13) T n-Docosane (C22)         | 14.175 | 7723333    | 54.782 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.266 | 15056897   | 107.917 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.284 | 7249232    | 53.803 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.225 | 6996181    | 53.780 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.106 | 6973278    | 52.690 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.931 | 6825708    | 54.446 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.707 | 6482653    | 58.922 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.441 | 5929866    | 61.762 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.176 | 5691060    | 63.202 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.097 | 5525258    | 56.609 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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