

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE072524AL\  
 Data File : FE049257.D  
 Signal(s) : FID1B.ch  
 Acq On : 25 Jul 2024 17:25  
 Operator : YP\AJ  
 Sample : P3352-01MSD  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

**Instrument :**

FID\_E

**ClientSampleId :**

SOIL-COMPMSD

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 07/26/2024

Supervised By :Ankita Jodhani 07/26/2024

Integration File: sample.E

Quant Time: Jul 26 01:41:12 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 071724.M

Quant Title : GC Extractables

QLast Update : Wed Jul 17 14:26:40 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)    | 11.909 | 5711107    | 36.821 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 73.64%        |
| 12) S 1-chlorooctadecane (S... | 13.344 | 4538028    | 38.841 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 77.68%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.293  | 2194959    | 14.595 ug/ml  |
| 2) T n-Decane (C10)            | 4.545  | 2644494    | 17.122 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.251  | 4120820    | 26.449 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.712  | 3738241    | 24.278 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.348  | 4822261    | 33.136 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.542  | 5020877    | 33.081 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.148 | 5625348    | 37.093 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.591 | 5945241    | 39.157 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.900 | 6115765    | 42.292 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.511 | 5957024    | 42.008 ug/ml  |
| 13) T n-Docosane (C22)         | 14.096 | 5947503    | 42.333 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.192 | 10825975   | 77.245 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.220 | 5967575    | 42.558 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.168 | 6113620    | 43.679 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.058 | 6110820    | 41.892 ug/mlm |
| 18) T n-Dotriacontane (C32)    | 18.886 | 6076377    | 41.325 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.670 | 6095308    | 41.729 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.407 | 5919955    | 41.066 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 21.141 | 5794585    | 38.710 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.044 | 5120664    | 33.933 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta &gt; 1/2 Window

(m)=manual int.

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