

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE061523AL\  
 Data File : FE042641.D  
 Signal(s) : FID1B.ch  
 Acq On : 15 Jun 2023 23:00  
 Operator : YP\AJ  
 Sample : 03235-01MSD  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

**Instrument :**

FID\_E

**ClientSampleId :**

A-MANHOLEMSD

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 06/16/2023

Supervised By :Ankita Jodhani 06/16/2023

Integration File: autoint1.e

Quant Time: Jun 16 00:50:58 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 | 4169662    | 23.614 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 47.23%        |
| 12) S 1-chlorooctadecane (S... | 13.373 | 3260009    | 24.534 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 49.07%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.321  | 4154574    | 28.812 ug/ml  |
| 2) T n-Decane (C10)            | 4.571  | 4698763    | 31.741 ug/mlm |
| 3) T A~Naphthalene (C11.7)     | 6.277  | 5187273    | 31.792 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.738  | 5056769    | 33.722 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.374  | 5087927    | 32.059 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.568  | 5274890    | 35.211 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.175 | 5816518    | 37.340 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.619 | 5975358    | 37.787 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.929 | 5916258    | 39.030 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.541 | 5638154    | 38.056 ug/ml  |
| 13) T n-Docosane (C22)         | 14.127 | 5524136    | 37.682 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.221 | 10215109   | 70.763 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.253 | 5172438    | 37.347 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.200 | 5032641    | 37.590 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.090 | 5045748    | 37.378 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.920 | 4954222    | 37.085 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.706 | 5070868    | 38.559 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.446 | 4911623    | 37.790 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.191 | 5133706    | 37.839 ug/mlm |
| 22) T n-Tetracontane (C40)     | 22.119 | 5341005    | 38.392 ug/ml  |
| -----                          |        |            |               |

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

(m)=manual int.

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