

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE011624AL\  
 Data File : FE046258.D  
 Signal(s) : FID1B.ch  
 Acq On : 16 Jan 2024 20:39  
 Operator : YP\AJ  
 Sample : P1147-02MSD  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

## Instrument :

FID\_E

## ClientSampleId :

MH-E-E2MSD

## Manual Integrations

## APPROVED

Reviewed By :Ankita Jodhani 01/17/2024

Supervised By :Sohil Jodhani 01/23/2024

Integration File: autoint1.e

Quant Time: Jan 17 01:19:27 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 122923.M

Quant Title : GC Extractables

QLast Update : Fri Dec 29 03:49:54 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)    | 11.827 | 4395077    | 24.185 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 48.37%        |
| 12) S 1-chlorooctadecane (S... | 13.270 | 3664301    | 27.425 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 54.85%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.218  | 4237428    | 27.687 ug/ml  |
| 2) T n-Decane (C10)            | 4.467  | 4746898    | 30.586 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.168  | 5619359    | 33.789 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.632  | 5184557    | 33.205 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.264  | 5625836    | 35.336 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.460  | 5463347    | 35.073 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.068 | 5737619    | 36.232 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.513 | 6061454    | 38.512 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.826 | 6137383    | 40.570 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.438 | 5888281    | 40.042 ug/ml  |
| 13) T n-Docosane (C22)         | 14.026 | 5823890    | 39.843 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.129 | 12718823   | 87.696 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.155 | 5476456    | 38.199 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.106 | 6686102    | 46.619 ug/mlm |
| 17) T n-Tricontane (C30)       | 18.000 | 5313496    | 35.748 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.834 | 5761833    | 38.525 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 19.619 | 5283766    | 36.883 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.360 | 5302636    | 36.369 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 21.091 | 5454152    | 36.988 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.988 | 5627109    | 35.950 ug/mlm |
| -----                          |        |            |               |

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

(m)=manual int.

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