

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE011624AL\  
 Data File : FE046257.D  
 Signal(s) : FID1B.ch  
 Acq On : 16 Jan 2024 20:09  
 Operator : YP\AJ  
 Sample : P1147-02MS  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

## Instrument :

FID\_E

ClientSampleId :

MH-E-E2MS

## 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 01:19:14 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)    | 11.828 | 4700099    | 25.864 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 51.73%        |
| 12) S 1-chlorooctadecane (S... | 13.271 | 3898117    | 29.175 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 58.35%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.219  | 4560360    | 29.798 ug/ml  |
| 2) T n-Decane (C10)            | 4.468  | 5104725    | 32.892 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.168  | 6044492    | 36.346 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.633  | 5578201    | 35.726 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.264  | 6066883    | 38.106 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.460  | 5875890    | 37.721 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.069 | 6155968    | 38.874 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.514 | 6487512    | 41.219 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.827 | 6552163    | 43.312 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.439 | 6280732    | 42.711 ug/ml  |
| 13) T n-Docosane (C22)         | 14.027 | 6186942    | 42.327 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.130 | 13431341   | 92.609 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.157 | 5816519    | 40.571 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.107 | 6964482    | 48.560 ug/mlm |
| 17) T n-Tricontane (C30)       | 17.999 | 5649123    | 38.006 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.831 | 6055147    | 40.486 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 19.619 | 5593433    | 39.045 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.361 | 5551003    | 38.073 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 21.093 | 5804179    | 39.361 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.986 | 6012019    | 38.409 ug/mlm |
| -----                          |        |            |               |

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

(m)=manual int.

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