

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE123024AL\  
 Data File : FE051814.D  
 Signal(s) : FID1B.ch  
 Acq On : 30 Dec 2024 17:53  
 Operator : YP\AJ  
 Sample : P5391-01MSD  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

**Instrument :**

FID\_E

**ClientSampleId :**

NB-07-12272024MSD

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 12/31/2024

Supervised By :Ankita Jodhani 12/31/2024

Integration File: autoint1.e

Quant Time: Dec 31 02:17:23 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 122724.M

Quant Title : GC Extractables

QLast Update : Mon Dec 30 09:52:06 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)    | 12.052 | 4293976    | 28.350 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 56.70%        |
| 12) S 1-chlorooctadecane (S... | 13.475 | 3496034    | 30.052 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 60.10%        |
|                                |        |            |               |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.502  | 3187629    | 27.483 ug/ml  |
| 2) T n-Decane (C10)            | 4.737  | 3658849    | 30.407 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.431  | 4676280    | 33.643 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.879  | 4200380    | 33.432 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.517  | 4598554    | 33.595 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.696  | 4679635    | 36.391 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.293 | 4976179    | 36.567 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.728 | 5128967    | 36.630 ug/ml  |
| 10) T n-Eicosane (C20)         | 13.032 | 5298867    | 39.151 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.640 | 5082688    | 38.156 ug/ml  |
| 13) T n-Docosane (C22)         | 14.223 | 5031692    | 38.118 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.319 | 9906222    | 76.344 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.338 | 4752981    | 37.845 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.282 | 4617780    | 38.251 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.167 | 4638703    | 38.544 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.994 | 4538766    | 39.658 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.776 | 4490706    | 44.525 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.512 | 4306630    | 48.318 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.266 | 4255681    | 49.566 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.221 | 4255712    | 48.253 ug/ml  |
| -----                          |        |            |               |

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

(m)=manual int.

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