

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE091124AL\  
 Data File : FE050002.D  
 Signal(s) : FID1B.ch  
 Acq On : 10 Sep 2024 15:32  
 Operator : YP\AJ  
 Sample : P3892-01MS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

**Instrument :**

FID\_E

**ClientSampleId :**

ARS20-005MS

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 09/11/2024

Supervised By :Ankita Jodhani 09/11/2024

Integration File: autoint1.e

Quant Time: Sep 11 03:18:31 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 091024.M

Quant Title : GC Extractables

QLast Update : Mon Sep 09 17:11:47 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)    | 11.868 | 2850603    | 19.160 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 38.32%        |
| 12) S 1-chlorooctadecane (S... | 13.322 | 8436726    | 75.109 ug/mlm |
| Spiked Amount 50.000           |        | Recovery = | 150.22%       |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.265  | 3566132    | 26.309 ug/ml  |
| 2) T n-Decane (C10)            | 4.516  | 4377590    | 31.719 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.224  | 5055048    | 36.116 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.684  | 5002309    | 36.174 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.321  | 5086535    | 38.699 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.521  | 6960612    | 51.116 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.103 | 5388251    | 38.792 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.571 | 3910616    | 27.913 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.858 | 3411145    | 25.429 ug/mlm |
| 11) T n-Heneicosane (C21)      | 13.491 | 3355283    | 25.535 ug/mlm |
| 13) T n-Docosane (C22)         | 14.034 | 4866223    | 37.370 ug/mlm |
| 14) T n-Tetracosane (C24)      | 15.181 | 5893128    | 45.127 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.206 | 4764041    | 37.237 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.142 | 6123035    | 47.536 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.023 | 5396922    | 40.360 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.854 | 5637236    | 42.304 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.635 | 5733163    | 46.399 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.373 | 5615676    | 50.614 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.101 | 5774246    | 52.360 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.991 | 5414802    | 49.762 ug/ml  |
| -----                          |        |            |               |

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

(m)=manual int.

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