

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE102824AL\  
 Data File : FE050861.D  
 Signal(s) : FID1B.ch  
 Acq On : 28 Oct 2024 15:23  
 Operator : YP\AJ  
 Sample : P4567-01MS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

**Instrument :**

FID\_E

**ClientSampleId :**

WC-1MS

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :Ankita Jodhani 10/29/2024

Integration File: autoint1.e

Quant Time: Oct 29 03:46:16 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 100824.M

Quant Title : GC Extractables

QLast Update : Mon Oct 07 16:32:18 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)    | 11.859 | 4477681    | 28.402 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 56.80%        |
| 12) S 1-chlorooctadecane (S... | 13.292 | 3829647    | 32.374 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 64.75%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.251  | 6042654    | 42.768 ug/ml  |
| 2) T n-Decane (C10)            | 4.501  | 6881342    | 47.962 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.210  | 7914391    | 55.349 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.667  | 7878657    | 54.738 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.306  | 7801392    | 58.887 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.495  | 8608320    | 60.170 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.099 | 8781120    | 59.667 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.541 | 8852413    | 59.265 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.849 | 8873907    | 61.882 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.460 | 8491034    | 60.463 ug/ml  |
| 13) T n-Docosane (C22)         | 14.046 | 8492396    | 60.532 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.148 | 16984597   | 120.222 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.168 | 8356718    | 59.387 ug/mlm |
| 16) T n-Octacosane (C28)       | 17.116 | 9666195    | 66.057 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.003 | 8722996    | 54.861 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.835 | 8835282    | 54.500 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.618 | 9285113    | 63.211 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.358 | 9280828    | 73.185 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.084 | 9289473    | 75.129 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.972 | 8597455    | 77.211 ug/ml  |
| -----                          |        |            |               |

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

(m)=manual int.

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