

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE060823AL\  
 Data File : FE042503.D  
 Signal(s) : FID1B.ch  
 Acq On : 08 Jun 2023 18:01  
 Operator : YP\AJ  
 Sample : 03071-01MS  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

## Instrument :

FID\_E

ClientSampleId :

WC-1MS

## Manual Integrations

## APPROVED

Reviewed By :Yogesh Patel 06/09/2023

Supervised By :Ankita Jodhani 06/09/2023

Integration File: autoint1.e

Quant Time: Jun 09 02:11:54 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 051823.M

Quant Title : GC Extractables

QLast Update : Thu May 18 06:27:12 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)    | 11.949 | 5441520    | 30.816 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 61.63%       |
| 12) S 1-chlorooctadecane (S... | 13.384 | 4098822    | 30.846 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 61.69%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.327  | 4180337    | 28.990 ug/ml |
| 2) T n-Decane (C10)            | 4.579  | 4752083    | 32.101 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.287  | 5344146    | 32.754 ug/ml |
| 4) T n-Dodecane (C12)          | 6.748  | 5224582    | 34.841 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.385  | 5369363    | 33.833 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.579  | 5621834    | 37.527 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.185 | 6269964    | 40.251 ug/ml |
| 8) T n-Octadecane (C18)        | 11.630 | 6413290    | 40.556 ug/ml |
| 10) T n-Eicosane (C20)         | 12.940 | 6341989    | 41.839 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.552 | 6027621    | 40.685 ug/ml |
| 13) T n-Docosane (C22)         | 14.138 | 5914731    | 40.347 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.234 | 11009834   | 76.269 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.265 | 5554938    | 40.108 ug/ml |
| 16) T n-Octacosane (C28)       | 17.213 | 5431051    | 40.566 ug/ml |
| 17) T n-Tricontane (C30)       | 18.103 | 5464902    | 40.483 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.935 | 5408543    | 40.486 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.719 | 5435040    | 41.328 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.460 | 5361299    | 41.249 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.210 | 5642900    | 41.592 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.143 | 5814545    | 41.796 ug/ml |
| -----                          |        |            |              |

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

(m)=manual int.

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