

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE061725AL\  
 Data File : FE054462.D  
 Signal(s) : FID1B.ch  
 Acq On : 18 Jun 2025 01:04  
 Operator : YP\AJ  
 Sample : Q2339-01MS  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

**Instrument :**

FID\_E

**ClientSampleId :**

MH-CMS

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 06/18/2025

Supervised By :mohammad ahmed 06/19/2025

Integration File: autoint1.e

Quant Time: Jun 18 02:15:42 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 061025.M

Quant Title : GC Extractables

QLast Update : Tue Jun 10 07:24:04 2025

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)    | 11.827 | 4776834    | 28.909 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 57.82%        |
| 12) S 1-chlorooctadecane (S... | 13.270 | 4023786    | 32.996 ug/mlm |
| Spiked Amount 50.000           |        | Recovery = | 65.99%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.175  | 3309361    | 26.650 ug/ml  |
| 2) T n-Decane (C10)            | 4.438  | 3605242    | 29.015 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.152  | 4592678    | 33.984 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.619  | 3937856    | 30.926 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.254  | 4318664    | 32.605 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.454  | 4154896    | 32.093 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.066 | 4507738    | 33.934 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.513 | 4788957    | 35.465 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.826 | 5051596    | 37.761 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.440 | 4843273    | 36.424 ug/ml  |
| 13) T n-Docosane (C22)         | 14.026 | 4805596    | 36.650 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.128 | 10375359   | 80.433 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.156 | 4626860    | 36.859 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.107 | 4739044    | 38.645 ug/mlm |
| 17) T n-Tricontane (C30)       | 17.996 | 4557316    | 36.770 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.829 | 4578119    | 36.437 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.614 | 4676759    | 37.592 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.354 | 4717459    | 36.646 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.082 | 4823017    | 36.527 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.970 | 4640430    | 34.449 ug/mlm |
| -----                          |        |            |               |

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

(m)=manual int.

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