

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC051225AL\  
 Data File : FC068833.D  
 Signal(s) : FID1A.ch  
 Acq On : 12 May 2025 16:59  
 Operator : YP/AJ  
 Sample : Q2002-01MSD  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

**Instrument :**

FID\_C

**ClientSampleId :**

EO-02-05092025MSD

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 05/13/2025

Supervised By :mohammad ahmed 05/14/2025

Integration File: sample.E

Quant Time: May 13 07:43:37 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 050625.M

Quant Title : GC Extractables

QLast Update : Wed May 07 08:52:03 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)    | 11.709 | 1811437    | 15.870 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 31.74%        |
| 12) S 1-chlorooctadecane (S... | 13.141 | 1898574    | 23.665 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 47.33%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.443  | 3289299    | 32.703 ug/ml  |
| 2) T n-Decane (C10)            | 4.519  | 3673943    | 36.872 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.115  | 4363224    | 39.572 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.543  | 3907827    | 40.213 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.174  | 4142337    | 38.593 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.342  | 4200644    | 45.449 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.944  | 4479939    | 50.031 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.387 | 4528864    | 51.630 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.698 | 4728068    | 55.482 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.310 | 4476663    | 53.076 ug/ml  |
| 13) T n-Docosane (C22)         | 13.897 | 4562311    | 54.535 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.995 | 9444845    | 113.510 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.025 | 4393493    | 53.027 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.974 | 4596739    | 55.620 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.864 | 4578582    | 54.112 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.697 | 4433562    | 51.472 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.483 | 4477325    | 52.551 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.222 | 4274205    | 49.730 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.999 | 4371135    | 52.109 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.978 | 4319135    | 52.701 ug/ml  |
| -----                          |        |            |               |

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

(m)=manual int.

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