

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC041125AL\  
 Data File : FC068556.D  
 Signal(s) : FID1A.ch  
 Acq On : 10 Apr 2025 17:15  
 Operator : YP/AJ  
 Sample : Q1760-05MSD  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

**Instrument :**

FID\_C

**ClientSampleId :**

TP-15MSD

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 04/11/2025

Supervised By :mohammad ahmed 04/14/2025

Integration File: autoint1.e

Quant Time: Apr 11 03:44:32 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 040925.M

Quant Title : GC Extractables

QLast Update : Tue Apr 08 17:31:27 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)    | 11.713 | 4278848    | 33.602 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 67.20%        |
| 12) S 1-chlorooctadecane (S... | 13.145 | 3218247    | 34.644 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 69.29%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.449  | 7168887    | 68.066 ug/ml  |
| 2) T n-Decane (C10)            | 4.526  | 7975680    | 75.699 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.120  | 7508385    | 64.471 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.547  | 5881503    | 55.927 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.178  | 7800444    | 67.538 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.345  | 5015216    | 48.784 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.946  | 5110948    | 50.186 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.390 | 5045006    | 50.133 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.700 | 5053169    | 51.374 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.312 | 4794237    | 49.193 ug/ml  |
| 13) T n-Docosane (C22)         | 13.899 | 4740799    | 49.079 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.998 | 10039879   | 105.478 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.028 | 4696479    | 50.281 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.979 | 4743208    | 51.806 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.868 | 4754532    | 51.718 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.701 | 4730383    | 51.569 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.487 | 4783794    | 53.546 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.229 | 4568308    | 50.998 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.004 | 4590293    | 51.919 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.983 | 4441935    | 50.302 ug/ml  |
| -----                          |        |            |               |

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

(m)=manual int.

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