

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC033125AL\  
 Data File : FC068452.D  
 Signal(s) : FID1A.ch  
 Acq On : 31 Mar 2025 18:15  
 Operator : YP/AJ  
 Sample : Q1674-01MS  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 RT5358MS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 04/01/2025  
 Supervised By :mohammad ahmed 04/02/2025

Integration File: autoint1.e  
 Quant Time: Apr 01 03:19:27 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 032625.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 26 13:35:27 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)    | 11.388 | 6654048    | 33.500 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 67.00%        |
| 12) S 1-chlorooctadecane (S... | 12.829 | 4909904    | 32.936 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 65.87%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.196  | 4200191    | 26.261 ug/ml  |
| 2) T n-Decane (C10)            | 4.253  | 4742376    | 29.255 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.818  | 5687418    | 32.191 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.260  | 5331602    | 32.331 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.870  | 5502312    | 32.348 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.051  | 5843613    | 35.515 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.645  | 6258756    | 36.420 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.083 | 6191944    | 35.276 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.389 | 6250399    | 36.495 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.999 | 5874184    | 35.019 ug/ml  |
| 13) T n-Docosane (C22)         | 13.583 | 5753660    | 34.106 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.642 | 11528771   | 67.316 ug/mlm |
| 15) T n-Hexacosane (C26)       | 15.705 | 5368861    | 31.899 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.652 | 5134186    | 30.705 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.539 | 5017019    | 28.775 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.370 | 4794468    | 28.640 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.153 | 4685620    | 31.767 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.890 | 4290092    | 35.055 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.602 | 4172916    | 38.859 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.450 | 3982395    | 40.634 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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