

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC042225AL\  
 Data File : FC068673.D  
 Signal(s) : FID1A.ch  
 Acq On : 22 Apr 2025 10:13  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 04/24/2025  
 Supervised By :mohammad ahmed 04/26/2025

Integration File: autoint1.e  
 Quant Time: Apr 23 01:28:38 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)    | 11.722 | 2314794    | 18.178 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 36.36%        |
| 12) S 1-chlorooctadecane (S... | 13.156 | 1692712    | 18.222 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 36.44%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.447  | 2005573    | 19.042 ug/ml  |
| 2) T n-Decane (C10)            | 4.524  | 1996896    | 18.953 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.123  | 2192454    | 18.826 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.550  | 1967245    | 18.707 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.182  | 2160941    | 18.710 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.349  | 1889757    | 18.382 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.953  | 1852733    | 18.192 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.398 | 1824113    | 18.126 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.709 | 1791940    | 18.218 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.322 | 1780108    | 18.266 ug/ml  |
| 13) T n-Docosane (C22)         | 13.910 | 1764754    | 18.270 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.015 | 1758920    | 18.479 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.037 | 1748492    | 18.720 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.990 | 1735220    | 18.952 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.881 | 1764702    | 19.196 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.715 | 1789097    | 19.504 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.500 | 1785170    | 19.982 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.242 | 1864890    | 20.818 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.021 | 1923109    | 21.752 ug/mlm |
| 22) T n-Tetracontane (C40)     | 22.005 | 1908561    | 21.613 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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