

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE061725AL\  
 Data File : FE054470.D  
 Signal(s) : FID1B.ch  
 Acq On : 18 Jun 2025 05:35  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

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

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 06:25:04 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)    | 11.824 | 3194736    | 19.334 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 38.67%        |
| 12) S 1-chlorooctadecane (S... | 13.269 | 2383269    | 19.543 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 39.09%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.173  | 2392904    | 19.270 ug/ml  |
| 2) T n-Decane (C10)            | 4.436  | 2444684    | 19.675 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.151  | 2564716    | 18.978 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.617  | 2514657    | 19.749 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.254  | 2650120    | 20.008 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.452  | 2532611    | 19.562 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.064 | 2596032    | 19.543 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.511 | 2634461    | 19.510 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.823 | 2598369    | 19.423 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.437 | 2577266    | 19.383 ug/ml  |
| 13) T n-Docosane (C22)         | 14.024 | 2557271    | 19.503 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.128 | 2529024    | 19.606 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.152 | 2477435    | 19.736 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.104 | 2476840    | 20.198 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.992 | 2613082    | 21.083 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.827 | 2712192    | 21.586 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.610 | 2613299    | 21.006 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.353 | 2634395    | 20.464 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.080 | 2631438    | 19.929 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.967 | 2657287    | 19.727 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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