

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE062425AL\  
 Data File : FE054570.D  
 Signal(s) : FID1B.ch  
 Acq On : 24 Jun 2025 13:39  
 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 06/25/2025  
 Supervised By :mohammad ahmed 06/26/2025

Integration File: autoint1.e  
 Quant Time: Jun 25 02:13:40 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)    | 11.821 | 3058464    | 18.510 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 37.02%        |
| 12) S 1-chlorooctadecane (S... | 13.265 | 2232701    | 18.309 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 36.62%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.171  | 2321966    | 18.698 ug/ml  |
| 2) T n-Decane (C10)            | 4.433  | 2384403    | 19.190 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.149  | 2548671    | 18.859 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.614  | 2481591    | 19.489 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.251  | 2503060    | 18.898 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.449  | 2534429    | 19.576 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.061 | 2525985    | 19.015 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.508 | 2547081    | 18.863 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.819 | 2503105    | 18.711 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.433 | 2464386    | 18.534 ug/ml  |
| 13) T n-Docosane (C22)         | 14.021 | 2453295    | 18.710 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.125 | 2449938    | 18.993 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.148 | 2405283    | 19.161 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.099 | 2490900    | 20.312 ug/mlm |
| 17) T n-Tricontane (C30)       | 17.988 | 2850562    | 22.999 ug/mlm |
| 18) T n-Dotriacontane (C32)    | 18.823 | 2972284    | 23.656 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.608 | 2857027    | 22.965 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.348 | 2739892    | 21.284 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 21.075 | 2561092    | 19.396 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.961 | 2494877    | 18.521 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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