

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE072325AL\  
 Data File : FE055005.D  
 Signal(s) : FID1B.ch  
 Acq On : 24 Jul 2025 00:57  
 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 07/24/2025  
 Supervised By :mohammad ahmed 07/25/2025

Integration File: autoint1.e  
 Quant Time: Jul 24 05:25:43 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 062725.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jul 08 07:45:12 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)    | 12.090 | 3435820    | 21.157 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 42.31%        |
| 12) S 1-chlorooctadecane (S... | 13.526 | 2613298    | 20.692 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 41.38%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.425  | 2744692    | 20.405 ug/ml  |
| 2) T n-Decane (C10)            | 4.684  | 2887804    | 21.164 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.405  | 3291637    | 21.739 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.861  | 2974173    | 21.677 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.506  | 3227323    | 21.954 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.698  | 3025650    | 21.826 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.313 | 3118463    | 21.882 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.763 | 3148325    | 21.482 ug/ml  |
| 10) T n-Eicosane (C20)         | 13.078 | 3018750    | 20.994 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.691 | 2957674    | 20.707 ug/ml  |
| 13) T n-Docosane (C22)         | 14.280 | 2937846    | 20.575 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.386 | 2938037    | 20.211 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.411 | 2883118    | 19.923 ug/mlm |
| 16) T n-Octacosane (C28)       | 17.361 | 2913673    | 19.993 ug/mlm |
| 17) T n-Tricontane (C30)       | 18.252 | 3136025    | 19.901 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 19.085 | 3129673    | 19.344 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 19.871 | 2956337    | 19.400 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.610 | 2674376    | 19.890 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 21.392 | 2790827    | 23.796 ug/mlm |
| 22) T n-Tetracontane (C40)     | 22.387 | 2385477    | 22.009 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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