

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE111725AL\  
 Data File : FE056893.D  
 Signal(s) : FID1B.ch  
 Acq On : 18 Nov 2025 04:14  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

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

Integration File: sample.E  
 Quant Time: Nov 18 11:51:45 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 103025.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 30 12:50:27 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)    | 11.949 | 3775941    | 18.074 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.15%       |
| 12) S 1-chlorooctadecane (S... | 13.386 | 2842077    | 17.640 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.28%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.311  | 3384429    | 20.150 ug/ml |
| 2) T n-Decane (C10)            | 4.563  | 3468521    | 20.214 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.278  | 3543970    | 19.200 ug/ml |
| 4) T n-Dodecane (C12)          | 6.734  | 3539359    | 20.349 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.377  | 3338696    | 18.839 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.568  | 3468107    | 19.869 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.179 | 3529504    | 19.291 ug/ml |
| 8) T n-Octadecane (C18)        | 11.627 | 3530070    | 18.651 ug/ml |
| 10) T n-Eicosane (C20)         | 12.939 | 3341497    | 17.930 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.553 | 3257360    | 17.714 ug/ml |
| 13) T n-Docosane (C22)         | 14.140 | 3214317    | 17.170 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.246 | 3169575    | 16.183 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.269 | 3106535    | 15.985 ug/ml |
| 16) T n-Octacosane (C28)       | 17.222 | 3112186    | 16.070 ug/ml |
| 17) T n-Tricontane (C30)       | 18.111 | 3247256    | 16.196 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.947 | 3244460    | 16.499 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.731 | 3105280    | 17.990 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.472 | 2840353    | 19.635 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.220 | 2451612    | 19.479 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.156 | 2429604    | 21.015 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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