

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE072625AL\  
 Data File : FE055032.D  
 Signal(s) : FID1B.ch  
 Acq On : 25 Jul 2025 20:19  
 Operator : YP\AJ  
 Sample : 100 PPM ALIPHATIC HC STD1  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e  
 Quant Time: Jul 26 03:48:06 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 072625.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jul 26 03:46:03 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)    | 12.097 | 14135752   | 98.714 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 197.43%      |
| 12) S 1-chlorooctadecane (S... | 13.530 | 10740467   | 99.149 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 198.30%      |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.428  | 11510228   | 98.379 ug/ml |
| 2) T n-Decane (C10)            | 4.687  | 11769921   | 98.454 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.408  | 13577276   | 98.341 ug/ml |
| 4) T n-Dodecane (C12)          | 6.864  | 12103575   | 98.706 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.511  | 13293703   | 99.239 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.702  | 12295593   | 97.420 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.317 | 12808623   | 98.429 ug/ml |
| 8) T n-Octadecane (C18)        | 11.768 | 12935722   | 98.390 ug/ml |
| 10) T n-Eicosane (C20)         | 13.082 | 12366561   | 98.482 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.697 | 12124868   | 98.710 ug/ml |
| 13) T n-Docosane (C22)         | 14.285 | 12016103   | 98.598 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.392 | 11905699   | 98.360 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.416 | 11717679   | 98.180 ug/ml |
| 16) T n-Octacosane (C28)       | 17.367 | 11532867   | 96.828 ug/ml |
| 17) T n-Tricontane (C30)       | 18.257 | 11778084   | 94.097 ug/ml |
| 18) T n-Dotriacontane (C32)    | 19.093 | 11564377   | 92.645 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.878 | 11138630   | 93.797 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.619 | 10487790   | 94.555 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.404 | 10292102   | 96.300 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.400 | 10249080   | 95.561 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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