

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE061025AL\  
 Data File : FE054264.D  
 Signal(s) : FID1B.ch  
 Acq On : 10 Jun 2025 01:42  
 Operator : YP\AJ  
 Sample : 50 PPM ALIPHATIC HC STD2  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e  
 Quant Time: Jun 10 07:13:36 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 061025.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jun 10 07:11:27 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)    | 11.838 | 7485416    | 45.982 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 91.96%       |
| 12) S 1-chlorooctadecane (S... | 13.282 | 5580848    | 46.453 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 92.91%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.182  | 5720205    | 46.571 ug/ml |
| 2) T n-Decane (C10)            | 4.446  | 5761474    | 46.734 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.160  | 6465961    | 48.672 ug/ml |
| 4) T n-Dodecane (C12)          | 6.628  | 5912351    | 46.686 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.263  | 6389306    | 48.425 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.463  | 5960244    | 46.637 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.076 | 6073108    | 46.357 ug/ml |
| 8) T n-Octadecane (C18)        | 11.524 | 6130197    | 46.065 ug/ml |
| 10) T n-Eicosane (C20)         | 12.837 | 6049864    | 45.905 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.450 | 6012672    | 45.894 ug/ml |
| 13) T n-Docosane (C22)         | 14.037 | 5936179    | 45.996 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.143 | 5834261    | 45.936 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.167 | 5700392    | 46.122 ug/ml |
| 16) T n-Octacosane (C28)       | 17.118 | 5579544    | 46.234 ug/ml |
| 17) T n-Tricontane (C30)       | 18.007 | 5638487    | 46.403 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.842 | 5697628    | 46.289 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.627 | 5659481    | 46.217 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.369 | 5889120    | 46.207 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.097 | 6048842    | 46.214 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.991 | 6086352    | 45.729 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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