

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE093025AL\  
 Data File : FE056089.D  
 Signal(s) : FID1B.ch  
 Acq On : 30 Sep 2025 15:43  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Oct 01 04:01:32 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 092425.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 24 12:55:37 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)    | 12.073 | 3821125    | 20.363 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.73%       |
| 12) S 1-chlorooctadecane (S... | 13.509 | 2886418    | 20.681 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.36%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.414  | 2631593    | 19.210 ug/ml |
| 2) T n-Decane (C10)            | 4.673  | 2748147    | 19.691 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.391  | 3300961    | 20.674 ug/ml |
| 4) T n-Dodecane (C12)          | 6.847  | 2945576    | 20.523 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.492  | 3252428    | 20.913 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.683  | 3144205    | 21.267 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.297 | 3426294    | 21.562 ug/ml |
| 8) T n-Octadecane (C18)        | 11.746 | 3586440    | 21.174 ug/ml |
| 10) T n-Eicosane (C20)         | 13.061 | 3419351    | 20.628 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.675 | 3290868    | 20.253 ug/ml |
| 13) T n-Docosane (C22)         | 14.262 | 3172029    | 19.851 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.369 | 2944895    | 19.326 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.393 | 2742828    | 19.230 ug/ml |
| 16) T n-Octacosane (C28)       | 17.345 | 2646486    | 18.998 ug/ml |
| 17) T n-Tricontane (C30)       | 18.235 | 2729281    | 18.419 ug/ml |
| 18) T n-Dotriacontane (C32)    | 19.068 | 2753325    | 18.454 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.855 | 2665936    | 18.847 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.596 | 2504013    | 19.506 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.372 | 2471920    | 18.820 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.356 | 2357070    | 19.813 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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