

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE022825AL\  
 Data File : FE052571.D  
 Signal(s) : FID1B.ch  
 Acq On : 28 Feb 2025 19:48  
 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

Integration File: autoint1.e  
 Quant Time: Feb 28 22:12:37 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 021325.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Feb 14 00:50:00 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)    | 11.916 | 3228395    | 17.270 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 34.54%       |
| 12) S 1-chlorooctadecane (S... | 13.361 | 2398649    | 17.257 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 34.51%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.252  | 2953803    | 19.243 ug/ml |
| 2) T n-Decane (C10)            | 4.514  | 3037487    | 19.448 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.229  | 3292129    | 19.055 ug/ml |
| 4) T n-Dodecane (C12)          | 6.698  | 3014183    | 19.096 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.332  | 3155323    | 18.787 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.535  | 2924740    | 18.568 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.150 | 2950796    | 18.054 ug/ml |
| 8) T n-Octadecane (C18)        | 11.600 | 2919680    | 17.646 ug/ml |
| 10) T n-Eicosane (C20)         | 12.916 | 2778143    | 17.426 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.530 | 2724527    | 17.390 ug/ml |
| 13) T n-Docosane (C22)         | 14.118 | 2729829    | 17.443 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.226 | 2734368    | 17.386 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.250 | 2714103    | 17.523 ug/ml |
| 16) T n-Octacosane (C28)       | 17.203 | 2721190    | 17.790 ug/ml |
| 17) T n-Tricontane (C30)       | 18.092 | 2835757    | 18.167 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.927 | 2787616    | 18.217 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.713 | 2594706    | 18.239 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.455 | 2331096    | 18.703 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.197 | 2235345    | 20.451 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.121 | 2337769    | 23.241 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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