

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE010225AL\  
 Data File : FE051834.D  
 Signal(s) : FID1B.ch  
 Acq On : 02 Jan 2025 20:55  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD ICV  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Jan 03 03:51:16 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 010225.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jan 03 01:16:25 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)    | 12.115 | 2743961    | 18.930 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.86%       |
| 12) S 1-chlorooctadecane (S... | 13.545 | 2170416    | 18.888 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.78%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.522  | 2100534    | 19.017 ug/ml |
| 2) T n-Decane (C10)            | 4.764  | 2162569    | 19.004 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.468  | 2425795    | 19.020 ug/ml |
| 4) T n-Dodecane (C12)          | 6.917  | 2231431    | 19.001 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.557  | 2387665    | 19.077 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.741  | 2274593    | 18.971 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.347 | 2424346    | 18.944 ug/ml |
| 8) T n-Octadecane (C18)        | 11.790 | 2514076    | 18.893 ug/ml |
| 10) T n-Eicosane (C20)         | 13.098 | 2482379    | 18.866 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.711 | 2474329    | 18.827 ug/ml |
| 13) T n-Docosane (C22)         | 14.297 | 2479895    | 18.903 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.400 | 2500589    | 18.878 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.421 | 2473293    | 18.850 ug/ml |
| 16) T n-Octacosane (C28)       | 17.371 | 2416405    | 18.715 ug/ml |
| 17) T n-Tricontane (C30)       | 18.257 | 2413147    | 18.356 ug/ml |
| 18) T n-Dotriacontane (C32)    | 19.090 | 2285838    | 18.012 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.874 | 1989043    | 17.902 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.613 | 1719309    | 17.427 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.395 | 1633924    | 17.367 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.389 | 1647626    | 17.899 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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