

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE041725AL\  
 Data File : FE053388.D  
 Signal(s) : FID1B.ch  
 Acq On : 16 Apr 2025 16:35  
 Operator : YP\AJ  
 Sample : 50 PPM ALIPHATIC HC STD2  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Apr 16 17:33:06 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 041725.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 16 17:29:00 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)    | 11.890 | 8499004    | 48.625 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 97.25%       |
| 12) S 1-chlorooctadecane (S... | 13.334 | 6421755    | 48.850 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 97.70%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.231  | 6562926    | 49.074 ug/ml |
| 2) T n-Decane (C10)            | 4.492  | 6620620    | 48.970 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.205  | 7332105    | 49.034 ug/ml |
| 4) T n-Dodecane (C12)          | 6.673  | 6713832    | 48.896 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.308  | 7291791    | 48.921 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.510  | 6689138    | 48.805 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.125 | 6803677    | 48.726 ug/ml |
| 8) T n-Octadecane (C18)        | 11.574 | 6892409    | 48.741 ug/ml |
| 10) T n-Eicosane (C20)         | 12.888 | 6864559    | 48.809 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.502 | 6847577    | 48.901 ug/ml |
| 13) T n-Docosane (C22)         | 14.090 | 6821686    | 48.987 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.197 | 6773377    | 49.113 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.221 | 6677317    | 49.253 ug/ml |
| 16) T n-Octacosane (C28)       | 17.173 | 6535838    | 49.288 ug/ml |
| 17) T n-Tricontane (C30)       | 18.063 | 6526749    | 49.410 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.898 | 6438595    | 49.433 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.683 | 6170453    | 49.468 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.425 | 6039761    | 49.643 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.162 | 5881041    | 49.943 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.075 | 5741471    | 49.663 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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