

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE112524AL\  
 Data File : FE051425.D  
 Signal(s) : FID1B.ch  
 Acq On : 25 Nov 2024 09:14  
 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: Nov 25 10:21:34 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 110724.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Nov 07 04:56:04 2024  
 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 | 3262767    | 21.738 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 43.48%       |
| 12) S 1-chlorooctadecane (S... | 13.272 | 2472372    | 21.777 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 43.55%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.229  | 2927911    | 21.160 ug/ml |
| 2) T n-Decane (C10)            | 4.477  | 3022858    | 21.564 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.190  | 2768884    | 21.000 ug/ml |
| 4) T n-Dodecane (C12)          | 6.644  | 3038314    | 21.518 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.286  | 2588478    | 20.692 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.470  | 2981713    | 21.395 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.076 | 3059793    | 21.562 ug/ml |
| 8) T n-Octadecane (C18)        | 11.518 | 3095702    | 21.678 ug/ml |
| 10) T n-Eicosane (C20)         | 12.825 | 2991130    | 21.856 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.435 | 2930064    | 21.924 ug/ml |
| 13) T n-Docosane (C22)         | 14.022 | 2908048    | 21.873 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.123 | 2969034    | 22.381 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.141 | 2960487    | 22.115 ug/ml |
| 16) T n-Octacosane (C28)       | 17.090 | 3026668    | 22.201 ug/ml |
| 17) T n-Tricontane (C30)       | 17.977 | 3223090    | 22.184 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.809 | 3215225    | 21.654 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.592 | 2798781    | 20.830 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.331 | 2360758    | 19.785 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.052 | 2213063    | 19.444 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.928 | 2222857    | 19.986 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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