

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE030325AL\  
 Data File : FE052576.D  
 Signal(s) : FID1B.ch  
 Acq On : 03 Mar 2025 12:04  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD3  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e  
 Quant Time: Mar 03 12:32:58 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 030325.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 03 12:32:42 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)    | 11.910 | 3456693    | 20.000 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.00%       |
| 12) S 1-chlorooctadecane (S... | 13.355 | 2487317    | 20.000 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.00%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.253  | 3177459    | 20.000 ug/ml |
| 2) T n-Decane (C10)            | 4.514  | 3222867    | 20.000 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.228  | 3490467    | 20.000 ug/ml |
| 4) T n-Dodecane (C12)          | 6.696  | 3197479    | 20.000 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.330  | 3336499    | 20.000 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.531  | 3109866    | 20.000 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.146 | 3140454    | 20.000 ug/ml |
| 8) T n-Octadecane (C18)        | 11.595 | 3118030    | 20.000 ug/ml |
| 10) T n-Eicosane (C20)         | 12.909 | 2974997    | 20.000 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.523 | 2917184    | 20.000 ug/ml |
| 13) T n-Docosane (C22)         | 14.111 | 2918322    | 20.000 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.217 | 2924292    | 20.000 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.242 | 2899563    | 20.000 ug/ml |
| 16) T n-Octacosane (C28)       | 17.194 | 2897161    | 20.000 ug/ml |
| 17) T n-Tricontane (C30)       | 18.085 | 2992644    | 20.000 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.920 | 2947304    | 20.000 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.706 | 2747820    | 20.000 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.448 | 2440276    | 20.000 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.189 | 2284145    | 20.000 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.109 | 2217832    | 20.000 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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