

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE030325AL\  
 Data File : FE052581.D  
 Signal(s) : FID1B.ch  
 Acq On : 03 Mar 2025 14:35  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Mar 03 15:22:15 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 030325.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 03 13:39:39 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 | 3460431    | 20.526 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.05%       |
| 12) S 1-chlorooctadecane (S... | 13.355 | 2510467    | 20.675 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.35%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.253  | 3190424    | 20.577 ug/ml |
| 2) T n-Decane (C10)            | 4.514  | 3231058    | 20.567 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.227  | 3494779    | 20.607 ug/ml |
| 4) T n-Dodecane (C12)          | 6.695  | 3203510    | 20.575 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.329  | 3338868    | 20.603 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.531  | 3110558    | 20.558 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.145 | 3141758    | 20.549 ug/ml |
| 8) T n-Octadecane (C18)        | 11.594 | 3120911    | 20.513 ug/ml |
| 10) T n-Eicosane (C20)         | 12.909 | 2979043    | 20.520 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.523 | 2923549    | 20.541 ug/ml |
| 13) T n-Docosane (C22)         | 14.111 | 2926066    | 20.561 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.217 | 2931245    | 20.483 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.241 | 2910154    | 20.466 ug/ml |
| 16) T n-Octacosane (C28)       | 17.193 | 2918293    | 20.523 ug/ml |
| 17) T n-Tricontane (C30)       | 18.083 | 3027012    | 20.494 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.918 | 2980145    | 20.527 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.705 | 2778283    | 20.614 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.447 | 2488658    | 20.944 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.189 | 2328456    | 20.989 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.113 | 2250648    | 20.817 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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