

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE010925AL\  
 Data File : FE051882.D  
 Signal(s) : FID1B.ch  
 Acq On : 09 Jan 2025 06:27  
 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: Jan 09 09:42:31 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 010225.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jan 03 04:14:12 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)    | 12.146 | 2795117    | 19.283 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.57%       |
| 12) S 1-chlorooctadecane (S... | 13.573 | 2159480    | 18.793 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.59%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.555  | 2158446    | 19.542 ug/ml |
| 2) T n-Decane (C10)            | 4.797  | 2271590    | 19.963 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.503  | 2591707    | 20.321 ug/ml |
| 4) T n-Dodecane (C12)          | 6.949  | 2381421    | 20.279 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.593  | 2554237    | 20.408 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.772  | 2437643    | 20.331 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.376 | 2565979    | 20.051 ug/ml |
| 8) T n-Octadecane (C18)        | 11.817 | 2616554    | 19.664 ug/ml |
| 10) T n-Eicosane (C20)         | 13.127 | 2518857    | 19.144 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.738 | 2466625    | 18.769 ug/ml |
| 13) T n-Docosane (C22)         | 14.325 | 2465265    | 18.792 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.425 | 2474401    | 18.681 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.447 | 2424977    | 18.481 ug/ml |
| 16) T n-Octacosane (C28)       | 17.395 | 2403994    | 18.619 ug/ml |
| 17) T n-Tricontane (C30)       | 18.282 | 2460643    | 18.718 ug/ml |
| 18) T n-Dotriacontane (C32)    | 19.113 | 2369653    | 18.672 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.896 | 2024581    | 18.221 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.636 | 1742424    | 17.661 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.423 | 1676139    | 17.703 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.426 | 1697125    | 18.436 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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