

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE121724AL\  
 Data File : FE051666.D  
 Signal(s) : FID1B.ch  
 Acq On : 17 Dec 2024 11:09  
 Operator : YP\AJ  
 Sample : 100 PPM ALIPHATIC HC STD1  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e  
 Quant Time: Dec 17 12:56:12 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 121724.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Dec 17 12:55:12 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)    | 12.022 | 15090193   | 92.277 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 184.55%      |
| 12) S 1-chlorooctadecane (S... | 13.440 | 11704671   | 92.063 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 184.13%      |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.494  | 11334964   | 93.761 ug/ml |
| 2) T n-Decane (C10)            | 4.725  | 11794619   | 93.917 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.411  | 13548378   | 93.884 ug/ml |
| 4) T n-Dodecane (C12)          | 6.859  | 12407529   | 94.063 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.494  | 13480303   | 93.911 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.670  | 12796763   | 93.843 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.265 | 13585460   | 93.250 ug/ml |
| 8) T n-Octadecane (C18)        | 11.699 | 13938130   | 92.431 ug/ml |
| 10) T n-Eicosane (C20)         | 12.998 | 13494589   | 92.010 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.606 | 13265831   | 91.630 ug/ml |
| 13) T n-Docosane (C22)         | 14.187 | 13142477   | 91.134 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.283 | 12898019   | 90.489 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.296 | 12458429   | 90.233 ug/ml |
| 16) T n-Octacosane (C28)       | 17.239 | 11983776   | 88.833 ug/ml |
| 17) T n-Tricontane (C30)       | 18.121 | 11920291   | 85.446 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.947 | 11281789   | 79.954 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.724 | 9890212    | 82.489 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.457 | 8743039    | 85.840 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.197 | 8330548    | 87.971 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.125 | 8768671    | 90.215 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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