

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE042325AL\  
 Data File : FE053513.D  
 Signal(s) : FID1B.ch  
 Acq On : 23 Apr 2025 21:50  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Apr 24 01:30:24 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 041725.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 23 15:58:53 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)    | 11.869 | 3422584    | 18.976 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.95%       |
| 12) S 1-chlorooctadecane (S... | 13.314 | 2531259    | 18.726 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.45%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.219  | 2771416    | 20.214 ug/ml |
| 2) T n-Decane (C10)            | 4.479  | 2841980    | 20.544 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.191  | 3111031    | 20.610 ug/ml |
| 4) T n-Dodecane (C12)          | 6.659  | 2876880    | 20.513 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.293  | 3070581    | 20.566 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.495  | 2845644    | 20.284 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.107 | 2838001    | 19.802 ug/ml |
| 8) T n-Octadecane (C18)        | 11.555 | 2731535    | 18.743 ug/ml |
| 10) T n-Eicosane (C20)         | 12.868 | 2748730    | 18.890 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.483 | 2713878    | 18.736 ug/ml |
| 13) T n-Docosane (C22)         | 14.070 | 2688143    | 18.628 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.176 | 2635877    | 18.351 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.198 | 2580817    | 18.222 ug/ml |
| 16) T n-Octacosane (C28)       | 17.150 | 2562237    | 18.417 ug/ml |
| 17) T n-Tricontane (C30)       | 18.038 | 2642269    | 18.982 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.873 | 2672718    | 19.465 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.658 | 2572729    | 19.746 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.399 | 2550209    | 20.200 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.133 | 2581658    | 21.190 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.036 | 2487963    | 20.834 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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