

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE081623AL\  
 Data File : FE043980.D  
 Signal(s) : FID1B.ch  
 Acq On : 16 Aug 2023 10:27  
 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: Aug 16 23:36:44 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 080323.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 02 09:56:52 2023  
 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)    | 11.952 | 3813002    | 18.503 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 37.01%        |
| 12) S 1-chlorooctadecane (S... | 13.390 | 2849517    | 18.261 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 36.52%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.341  | 3282159    | 20.325 ug/ml  |
| 2) T n-Decane (C10)            | 4.592  | 3378659    | 20.500 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.294  | 3703156    | 20.339 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.755  | 3429549    | 20.492 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.389  | 3577578    | 20.096 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.582  | 3414740    | 20.268 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.190 | 3497169    | 19.825 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.634 | 3488946    | 19.260 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.945 | 3310533    | 18.707 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.557 | 3229024    | 18.237 ug/ml  |
| 13) T n-Docosane (C22)         | 14.144 | 3180614    | 18.133 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.248 | 3109102    | 17.695 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.269 | 2998441    | 17.349 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.221 | 2854811    | 17.062 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.109 | 2868202    | 17.317 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.943 | 2788097    | 17.658 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.728 | 2730638    | 18.376 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.470 | 2739053    | 19.596 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.216 | 2725748    | 20.432 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.147 | 2885009    | 22.360 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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