

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE021224AL\  
 Data File : FE046704.D  
 Signal(s) : FID1B.ch  
 Acq On : 12 Feb 2024 10:16  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E  
 Quant Time: Feb 12 13:30:57 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 012524.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 25 14:56:03 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)    | 11.809 | 3553368    | 19.217 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 38.43%        |
| 12) S 1-chlorooctadecane (S... | 13.251 | 2692975    | 18.928 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 37.86%        |
|                                |        |            |               |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.198  | 3307923    | 20.479 ug/mlm |
| 2) T n-Decane (C10)            | 4.448  | 3451027    | 21.058 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.153  | 3533389    | 20.663 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.616  | 3472582    | 20.994 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.249  | 3279881    | 20.565 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.443  | 3404530    | 20.772 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.051 | 3467771    | 20.294 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.495 | 3462209    | 19.859 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.805 | 3277120    | 19.301 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.418 | 3194689    | 19.154 ug/ml  |
| 13) T n-Docosane (C22)         | 14.003 | 3160233    | 19.076 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.108 | 3132283    | 18.983 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.129 | 3076638    | 19.062 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.081 | 3050806    | 19.434 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.972 | 3125142    | 19.952 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.805 | 3079239    | 20.371 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.591 | 2926390    | 20.632 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.332 | 2788332    | 20.229 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 21.058 | 2751628    | 21.464 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.946 | 2724412    | 21.789 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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