

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE012323AL\  
 Data File : FE039957.D  
 Signal(s) : FID1B.ch  
 Acq On : 23 Jan 2023 09:43  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jan 24 01:27:49 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 011023.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 10 04:24:52 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)    | 11.913 | 3330816    | 21.690 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 43.38%        |
| 12) S 1-chlorooctadecane (S... | 13.350 | 2470587    | 21.171 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 42.34%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.306  | 2945292    | 23.203 ug/ml  |
| 2) T n-Decane (C10)            | 4.555  | 2910784    | 23.439 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.257  | 3253715    | 23.072 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.719  | 2936497    | 23.356 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.353  | 3040905    | 23.217 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.545  | 2967714    | 23.075 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.153 | 3052994    | 22.630 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.596 | 3097897    | 22.108 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.905 | 3018436    | 21.786 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.518 | 3004814    | 21.533 ug/ml  |
| 13) T n-Docosane (C22)         | 14.104 | 2967784    | 21.381 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.208 | 2935709    | 21.323 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.229 | 2833943    | 21.234 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.180 | 2788143    | 21.418 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.068 | 2764098    | 21.675 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.901 | 2794677    | 22.106 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 19.686 | 2802265    | 22.678 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.427 | 2548286    | 21.614 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 21.163 | 2555092    | 21.378 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.068 | 2520726    | 20.769 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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