

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE012623AL\  
 Data File : FE040074.D  
 Signal(s) : FID1B.ch  
 Acq On : 26 Jan 2023 20:30  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jan 27 02:13:44 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)    | 11.904 | 2968880    | 19.333 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 38.67%        |
| 12) S 1-chlorooctadecane (S... | 13.341 | 2276769    | 19.510 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 39.02%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.298  | 2547968    | 20.073 ug/ml  |
| 2) T n-Decane (C10)            | 4.547  | 2518164    | 20.277 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.250  | 2795852    | 19.825 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.711  | 2552159    | 20.299 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.345  | 2603488    | 19.877 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.538  | 2606374    | 20.265 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.145 | 2700591    | 20.018 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.587 | 2763190    | 19.719 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.896 | 2702480    | 19.505 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.509 | 2696231    | 19.322 ug/ml  |
| 13) T n-Docosane (C22)         | 14.095 | 2690002    | 19.380 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.198 | 2725979    | 19.799 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.219 | 2627540    | 19.687 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.170 | 2658726    | 20.424 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.058 | 2670612    | 20.942 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.892 | 2684462    | 21.234 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.676 | 2536487    | 20.527 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.417 | 2395879    | 20.322 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 21.150 | 2316559    | 19.383 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.051 | 2344525    | 19.318 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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