

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE122723AL\  
 Data File : FE045976.D  
 Signal(s) : FID1B.ch  
 Acq On : 27 Dec 2023 06:52  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Dec 28 00:17:09 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 113023.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Nov 30 12:25:07 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)    | 11.842 | 4079685    | 19.509 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 39.02%        |
| 12) S 1-chlorooctadecane (S... | 13.286 | 2984889    | 18.970 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 37.94%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.226  | 3411575    | 21.514 ug/ml  |
| 2) T n-Decane (C10)            | 4.476  | 3482320    | 21.746 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.179  | 3746468    | 21.507 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.644  | 3514029    | 21.755 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.275  | 3624376    | 21.343 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.471  | 3477028    | 21.674 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.082 | 3535364    | 21.350 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.528 | 3519933    | 20.530 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.840 | 3366598    | 19.458 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.454 | 3283233    | 19.085 ug/ml  |
| 13) T n-Docosane (C22)         | 14.042 | 3214140    | 18.641 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.146 | 3140188    | 17.987 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.171 | 3075680    | 17.661 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.125 | 3064749    | 17.732 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.013 | 3205489    | 18.323 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.853 | 3273973    | 17.946 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 19.639 | 3211002    | 19.351 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.384 | 3163792    | 19.931 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.115 | 3408006    | 21.732 ug/mlm |
| 22) T n-Tetracontane (C40)     | 22.025 | 3415246    | 24.032 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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