

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE022924AL\  
 Data File : FE047024.D  
 Signal(s) : FID1B.ch  
 Acq On : 01 Mar 2024 06:47  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Mar 01 07:13:25 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 022024.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Feb 20 11:04:00 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)    | 11.783 | 3185354    | 19.388 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 38.78%        |
| 12) S 1-chlorooctadecane (S... | 13.224 | 2407775    | 19.560 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 39.12%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.178  | 3017239    | 19.786 ug/ml  |
| 2) T n-Decane (C10)            | 4.428  | 3106266    | 20.056 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.134  | 3056000    | 19.403 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.596  | 3131427    | 20.140 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.231  | 2784906    | 19.421 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.421  | 3090465    | 20.042 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.029 | 3163493    | 19.938 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.471 | 3162324    | 19.837 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.780 | 2961303    | 19.564 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.391 | 2877372    | 19.431 ug/ml  |
| 13) T n-Docosane (C22)         | 13.977 | 2849040    | 19.582 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.080 | 2799752    | 19.604 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.100 | 2745861    | 19.650 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.051 | 2725128    | 20.003 ug/mlm |
| 17) T n-Tricontane (C30)       | 17.937 | 2872859    | 20.591 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.771 | 2867890    | 20.842 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.556 | 2795927    | 20.813 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.295 | 2801417    | 21.038 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.015 | 2858180    | 20.744 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.886 | 2912593    | 20.644 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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