

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE040324AL\  
 Data File : FE047436.D  
 Signal(s) : FID1B.ch  
 Acq On : 03 Apr 2024 13:07  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Apr 04 02:58:15 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 040224.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Apr 02 05:28:28 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)    | 11.981 | 3037037    | 17.510 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 35.02%        |
| 12) S 1-chlorooctadecane (S... | 13.415 | 2348121    | 17.459 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 34.92%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.362  | 2762635    | 17.658 ug/ml  |
| 2) T n-Decane (C10)            | 4.614  | 2834457    | 17.636 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.322  | 2979729    | 17.574 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.780  | 2846697    | 17.539 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.418  | 2874517    | 17.504 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.609  | 2824037    | 17.554 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.216 | 2917332    | 17.566 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.660 | 2954486    | 17.618 ug/mlm |
| 10) T n-Eicosane (C20)         | 12.969 | 2846686    | 17.572 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.580 | 2786555    | 17.561 ug/ml  |
| 13) T n-Docosane (C22)         | 14.167 | 2827293    | 17.618 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.268 | 2917346    | 17.674 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.288 | 2971798    | 17.979 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.238 | 3045362    | 18.377 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.122 | 3202507    | 18.863 ug/mlm |
| 18) T n-Dotriacontane (C32)    | 18.955 | 3182910    | 19.088 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.736 | 2946529    | 18.371 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.474 | 2836561    | 17.784 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.219 | 2845046    | 17.505 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.145 | 2840477    | 17.349 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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