

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE022023AL\  
 Data File : FE040450.D  
 Signal(s) : FID1B.ch  
 Acq On : 20 Feb 2023 22:09  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
 Quant Time: Feb 21 02:09:49 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 020223.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Feb 02 04:52:48 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)    | 11.888 | 3257345    | 20.124 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.25%       |
| 12) S 1-chlorooctadecane (S... | 13.327 | 2472596    | 19.937 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.87%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.280  | 2734279    | 20.090 ug/ml |
| 2) T n-Decane (C10)            | 4.529  | 2705515    | 20.362 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.233  | 2956373    | 20.200 ug/ml |
| 4) T n-Dodecane (C12)          | 6.695  | 2759233    | 20.494 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.328  | 2746929    | 20.294 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.522  | 2802805    | 20.337 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.129 | 2903153    | 20.228 ug/ml |
| 8) T n-Octadecane (C18)        | 11.572 | 2990842    | 20.106 ug/ml |
| 10) T n-Eicosane (C20)         | 12.883 | 2949021    | 20.059 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.495 | 2948883    | 19.993 ug/ml |
| 13) T n-Docosane (C22)         | 14.082 | 2971713    | 20.056 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.186 | 3132881    | 20.638 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.208 | 3013911    | 20.330 ug/ml |
| 16) T n-Octacosane (C28)       | 17.158 | 3072330    | 20.501 ug/ml |
| 17) T n-Tricontane (C30)       | 18.048 | 3024215    | 20.496 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.883 | 2952052    | 20.156 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.666 | 2733178    | 19.871 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.409 | 2537690    | 19.132 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.140 | 2500578    | 19.275 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.037 | 2529017    | 19.048 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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