

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE051023AL\  
 Data File : FE041830.D  
 Signal(s) : FID1B.ch  
 Acq On : 10 May 2023 09:05  
 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: May 11 01:03:40 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 042123.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 21 07:33:51 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)    | 11.968 | 3320845    | 17.701 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.40%       |
| 12) S 1-chlorooctadecane (S... | 13.404 | 2440794    | 17.278 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 34.56%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.348  | 2583926    | 17.578 ug/ml |
| 2) T n-Decane (C10)            | 4.601  | 2696049    | 17.976 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.307  | 2959372    | 17.883 ug/ml |
| 4) T n-Dodecane (C12)          | 6.770  | 2720552    | 17.893 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.403  | 2892915    | 17.941 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.598  | 2732407    | 17.988 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.206 | 2861267    | 17.930 ug/ml |
| 8) T n-Octadecane (C18)        | 11.649 | 2933834    | 17.899 ug/ml |
| 10) T n-Eicosane (C20)         | 12.959 | 2832510    | 17.610 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.571 | 2786134    | 17.482 ug/ml |
| 13) T n-Docosane (C22)         | 14.158 | 2781462    | 17.457 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.261 | 2786792    | 17.286 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.281 | 2723081    | 17.224 ug/ml |
| 16) T n-Octacosane (C28)       | 17.230 | 2726877    | 17.722 ug/ml |
| 17) T n-Tricontane (C30)       | 18.118 | 2884938    | 18.942 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.951 | 2875994    | 19.305 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.735 | 2753115    | 19.543 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.476 | 2562587    | 19.162 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.226 | 2576226    | 19.497 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.162 | 2463957    | 19.461 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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