

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC063022AL\  
 Data File : FC060549.D  
 Signal(s) : FID1A.ch  
 Acq On : 01 Jul 2022 06:14  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Jul 01 06:52:12 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 062422.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jun 25 04:15:44 2022  
 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)    | 10.634 | 3373022    | 18.406 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.81%       |
| 12) S 1-chlorooctadecane (S... | 11.999 | 2709517    | 18.383 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.77%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 2.629  | 2759236    | 17.987 ug/ml |
| 2) T n-Decane (C10)            | 3.623  | 2779844    | 18.202 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.165  | 3042748    | 18.199 ug/ml |
| 4) T n-Dodecane (C12)          | 5.569  | 2996299    | 18.540 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.190  | 3024165    | 17.790 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.318  | 3062670    | 18.539 ug/ml |
| 7) T n-Hexadecane (C16)        | 8.879  | 3136353    | 18.558 ug/ml |
| 8) T n-Octadecane (C18)        | 10.285 | 3187176    | 18.526 ug/ml |
| 10) T n-Eicosane (C20)         | 11.562 | 3161498    | 18.524 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.159 | 3154846    | 18.503 ug/ml |
| 13) T n-Docosane (C22)         | 12.731 | 3199646    | 18.770 ug/ml |
| 14) T n-Tetracosane (C24)      | 13.807 | 3162891    | 18.838 ug/ml |
| 15) T n-Hexacosane (C26)       | 14.803 | 3078107    | 18.732 ug/ml |
| 16) T n-Octacosane (C28)       | 15.730 | 3020279    | 19.034 ug/ml |
| 17) T n-Tricontane (C30)       | 16.595 | 2975248    | 19.545 ug/ml |
| 18) T n-Dotriacontane (C32)    | 17.407 | 2771773    | 19.068 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.170 | 2458886    | 19.360 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 18.891 | 2219550    | 19.777 ug/ml |
| 21) T n-Octatriacontane (C38)  | 19.573 | 2104776    | 19.228 ug/ml |
| 22) T n-Tetracontane (C40)     | 20.220 | 2101860    | 18.610 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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