

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC042023AL\  
 Data File : FC063420.D  
 Signal(s) : FID1A.ch  
 Acq On : 20 Apr 2023 09:04  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Apr 21 02:15:43 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 040523.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 05 07:22:46 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)    | 11.534 | 2617190    | 17.202 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 34.40%       |
| 12) S 1-chlorooctadecane (S... | 12.971 | 2024219    | 18.295 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.59%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.296  | 2456387    | 17.496 ug/ml |
| 2) T n-Decane (C10)            | 4.363  | 2548761    | 18.704 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.949  | 2655666    | 17.587 ug/ml |
| 4) T n-Dodecane (C12)          | 6.384  | 2541198    | 18.890 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.006  | 2612108    | 18.754 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.179  | 2480081    | 18.320 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.780  | 2483835    | 18.291 ug/ml |
| 8) T n-Octadecane (C18)        | 11.220 | 2493343    | 18.001 ug/ml |
| 10) T n-Eicosane (C20)         | 12.528 | 2476521    | 18.433 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.138 | 2461804    | 18.291 ug/ml |
| 13) T n-Docosane (C22)         | 13.723 | 2447116    | 18.350 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.824 | 2440281    | 18.149 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.843 | 2453007    | 18.326 ug/ml |
| 16) T n-Octacosane (C28)       | 16.790 | 2555282    | 18.872 ug/ml |
| 17) T n-Tricontane (C30)       | 17.676 | 2893068    | 20.914 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.508 | 3083687    | 21.843 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.289 | 2905009    | 21.050 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.027 | 2741733    | 21.450 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.753 | 2553572    | 20.739 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.652 | 2463758    | 20.936 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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