

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC042023AL\  
 Data File : FC063441.D  
 Signal(s) : FID1A.ch  
 Acq On : 21 Apr 2023 10:27  
 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: Apr 22 01:35:30 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)    | 11.543 | 2846131    | 18.706 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.41%       |
| 12) S 1-chlorooctadecane (S... | 12.979 | 2160087    | 19.522 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.04%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.306  | 2614355    | 18.621 ug/ml |
| 2) T n-Decane (C10)            | 4.373  | 2585783    | 18.975 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.961  | 2838179    | 18.796 ug/ml |
| 4) T n-Dodecane (C12)          | 6.393  | 2578190    | 19.165 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.019  | 2657591    | 19.081 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.189  | 2537138    | 18.741 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.788  | 2577997    | 18.984 ug/ml |
| 8) T n-Octadecane (C18)        | 11.229 | 2591271    | 18.708 ug/ml |
| 10) T n-Eicosane (C20)         | 12.536 | 2528039    | 18.817 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.148 | 2536547    | 18.847 ug/ml |
| 13) T n-Docosane (C22)         | 13.732 | 2511313    | 18.832 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.834 | 2608189    | 19.398 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.853 | 2570850    | 19.206 ug/ml |
| 16) T n-Octacosane (C28)       | 16.801 | 2628796    | 19.415 ug/ml |
| 17) T n-Tricontane (C30)       | 17.687 | 2770083    | 20.025 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.519 | 2861815    | 20.271 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.296 | 2774097    | 20.102 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.036 | 2451177    | 19.177 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.767 | 2582614    | 20.974 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.666 | 2575150    | 21.883 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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