

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC041923AL\  
 Data File : FC063403.D  
 Signal(s) : FID1A.ch  
 Acq On : 19 Apr 2023 10:38  
 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 20 00:45:54 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)    | 11.530 | 2572575    | 16.908 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 33.82%       |
| 12) S 1-chlorooctadecane (S... | 12.969 | 1938087    | 17.516 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.03%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.295  | 2410262    | 17.167 ug/ml |
| 2) T n-Decane (C10)            | 4.363  | 2483407    | 18.224 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.947  | 2590918    | 17.158 ug/ml |
| 4) T n-Dodecane (C12)          | 6.382  | 2479837    | 18.434 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.004  | 2508361    | 18.009 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.177  | 2420086    | 17.877 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.778  | 2419163    | 17.815 ug/ml |
| 8) T n-Octadecane (C18)        | 11.218 | 2441988    | 17.630 ug/ml |
| 10) T n-Eicosane (C20)         | 12.525 | 2432471    | 18.105 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.136 | 2416505    | 17.955 ug/ml |
| 13) T n-Docosane (C22)         | 13.721 | 2396163    | 17.968 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.822 | 2382516    | 17.720 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.840 | 2397117    | 17.909 ug/ml |
| 16) T n-Octacosane (C28)       | 16.789 | 2488668    | 18.380 ug/ml |
| 17) T n-Tricontane (C30)       | 17.674 | 2804186    | 20.271 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.504 | 2982983    | 21.129 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.284 | 2794469    | 20.249 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.022 | 2637565    | 20.635 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.748 | 2450081    | 19.898 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.645 | 2316558    | 19.685 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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