

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC011023AL\  
 Data File : FC062605.D  
 Signal(s) : FID1A.ch  
 Acq On : 10 Jan 2023 14:23  
 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: Jan 11 05:47:54 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 010523.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 05 04:54:00 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)    | 11.558 | 2708291    | 19.169 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.34%       |
| 12) S 1-chlorooctadecane (S... | 12.996 | 2070220    | 19.653 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.31%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.312  | 2523850    | 18.874 ug/ml |
| 2) T n-Decane (C10)            | 4.380  | 2486905    | 19.175 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.968  | 2832836    | 19.278 ug/ml |
| 4) T n-Dodecane (C12)          | 6.403  | 2491133    | 19.383 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.026  | 2646333    | 19.356 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.199  | 2489844    | 19.342 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.801  | 2509115    | 19.429 ug/ml |
| 8) T n-Octadecane (C18)        | 11.244 | 2506454    | 19.355 ug/ml |
| 10) T n-Eicosane (C20)         | 12.552 | 2409067    | 19.520 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.163 | 2400727    | 19.587 ug/ml |
| 13) T n-Docosane (C22)         | 13.749 | 2365637    | 19.788 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.851 | 2401636    | 20.622 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.871 | 2312418    | 20.584 ug/ml |
| 16) T n-Octacosane (C28)       | 16.819 | 2327632    | 21.199 ug/ml |
| 17) T n-Tricontane (C30)       | 17.706 | 2391969    | 22.087 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.536 | 2444147    | 22.388 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.316 | 2393057    | 22.011 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.055 | 2292112    | 20.606 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.787 | 2218020    | 20.944 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.695 | 2186793    | 20.534 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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