

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC102122AL\  
 Data File : FC061876.D  
 Signal(s) : FID1A.ch  
 Acq On : 21 Oct 2022 21:29  
 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: Oct 22 14:46:35 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 101722.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 17 23:26:31 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)    | 11.579 | 3015403    | 20.286 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.57%       |
| 12) S 1-chlorooctadecane (S... | 13.016 | 2393487    | 20.545 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.09%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.344  | 2727367    | 19.390 ug/ml |
| 2) T n-Decane (C10)            | 4.409  | 2771676    | 19.417 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.993  | 3025204    | 19.599 ug/ml |
| 4) T n-Dodecane (C12)          | 6.424  | 2824110    | 19.454 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.048  | 2977317    | 19.627 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.220  | 2855210    | 19.642 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.821  | 2896490    | 19.890 ug/ml |
| 8) T n-Octadecane (C18)        | 11.263 | 2908198    | 20.120 ug/ml |
| 10) T n-Eicosane (C20)         | 12.572 | 2866274    | 20.308 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.184 | 2838429    | 20.456 ug/ml |
| 13) T n-Docosane (C22)         | 13.771 | 2800312    | 20.427 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.872 | 2682953    | 20.305 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.893 | 2555225    | 20.279 ug/ml |
| 16) T n-Octacosane (C28)       | 16.842 | 2421451    | 20.077 ug/ml |
| 17) T n-Tricontane (C30)       | 17.729 | 2427355    | 20.401 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.562 | 2386726    | 20.257 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.345 | 2241226    | 19.838 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.083 | 2241433    | 19.764 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.820 | 2173300    | 19.315 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.733 | 2151987    | 19.168 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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