

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC092022AL\  
 Data File : FC061581.D  
 Signal(s) : FID1A.ch  
 Acq On : 21 Sep 2022 03:39  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD ICV  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Sep 21 04:33:27 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 092022.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Sep 20 18:33:32 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)    | 11.572 | 3467812    | 20.292 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.58%       |
| 12) S 1-chlorooctadecane (S... | 13.010 | 2772861    | 20.298 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.60%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.325  | 3016698    | 20.210 ug/ml |
| 2) T n-Decane (C10)            | 4.393  | 3040933    | 20.160 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.978  | 3346280    | 20.178 ug/ml |
| 4) T n-Dodecane (C12)          | 6.412  | 3063328    | 20.146 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.034  | 3317425    | 20.167 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.210  | 3076476    | 20.179 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.812  | 3118825    | 20.170 ug/ml |
| 8) T n-Octadecane (C18)        | 11.256 | 3217760    | 20.412 ug/ml |
| 10) T n-Eicosane (C20)         | 12.566 | 3227162    | 20.251 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.179 | 3278257    | 20.433 ug/ml |
| 13) T n-Docosane (C22)         | 13.765 | 3272807    | 20.371 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.868 | 3273100    | 20.432 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.888 | 3250151    | 20.502 ug/ml |
| 16) T n-Octacosane (C28)       | 16.838 | 3184260    | 20.544 ug/ml |
| 17) T n-Tricontane (C30)       | 17.726 | 3130825    | 20.344 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.558 | 3106104    | 20.542 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.342 | 2901794    | 20.465 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.081 | 2863763    | 20.743 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.815 | 2637912    | 20.369 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.728 | 2507412    | 20.518 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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