

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG091124AL\  
 Data File : FG014210.D  
 Signal(s) : FID1A.ch  
 Acq On : 10 Sep 2024 22:26  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD ICV  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Sep 11 07:17:55 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 091124.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 11 07:16:16 2024  
 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)    | 11.821 | 2516460    | 18.640 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.28%       |
| 12) S 1-chlorooctadecane (S... | 13.268 | 1944931    | 18.603 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.21%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.202  | 2211006    | 18.343 ug/ml |
| 2) T n-Decane (C10)            | 4.451  | 2244171    | 18.304 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.152  | 2316707    | 18.755 ug/ml |
| 4) T n-Dodecane (C12)          | 6.623  | 2235466    | 18.432 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.251  | 2071624    | 19.111 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.455  | 2238305    | 18.806 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.066 | 2305229    | 18.470 ug/ml |
| 8) T n-Octadecane (C18)        | 11.512 | 2353364    | 18.515 ug/ml |
| 10) T n-Eicosane (C20)         | 12.824 | 2275165    | 18.544 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.437 | 2240323    | 18.569 ug/ml |
| 13) T n-Docosane (C22)         | 14.026 | 2233950    | 18.639 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.132 | 2236951    | 18.788 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.155 | 2199544    | 18.867 ug/ml |
| 16) T n-Octacosane (C28)       | 17.109 | 2141050    | 18.829 ug/ml |
| 17) T n-Tricontane (C30)       | 17.998 | 2147757    | 18.603 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.832 | 2053287    | 18.463 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.617 | 1798241    | 18.440 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.359 | 1568732    | 17.566 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.089 | 1489900    | 18.456 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.982 | 1504948    | 18.488 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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