

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG091124AL\  
 Data File : FG014208.D  
 Signal(s) : FID1A.ch  
 Acq On : 10 Sep 2024 21:28  
 Operator : YP\AJ  
 Sample : 10 PPM ALIPHATIC HC STD4  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e  
 Quant Time: Sep 11 07:15:40 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 091124.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 11 07:15:25 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)    | 11.822 | 1410085    | 10.445 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 20.89%       |
| 12) S 1-chlorooctadecane (S... | 13.270 | 1086813    | 10.395 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 20.79%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.201  | 1247783    | 10.352 ug/ml |
| 2) T n-Decane (C10)            | 4.451  | 1273047    | 10.383 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.152  | 1260490    | 10.204 ug/ml |
| 4) T n-Dodecane (C12)          | 6.622  | 1259852    | 10.388 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.252  | 1038768    | 9.583 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.455  | 1235739    | 10.383 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.067 | 1301904    | 10.431 ug/ml |
| 8) T n-Octadecane (C18)        | 11.512 | 1331378    | 10.474 ug/ml |
| 10) T n-Eicosane (C20)         | 12.824 | 1285659    | 10.479 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.438 | 1263694    | 10.474 ug/ml |
| 13) T n-Docosane (C22)         | 14.026 | 1252588    | 10.451 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.132 | 1244406    | 10.452 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.156 | 1215129    | 10.423 ug/ml |
| 16) T n-Octacosane (C28)       | 17.108 | 1185416    | 10.425 ug/ml |
| 17) T n-Tricontane (C30)       | 17.997 | 1204180    | 10.430 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.833 | 1163194    | 10.460 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.617 | 1013979    | 10.398 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.359 | 925544     | 10.364 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.088 | 832424     | 10.311 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.984 | 831630     | 10.216 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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