

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG072924AL\  
 Data File : FG013973.D  
 Signal(s) : FID1A.ch  
 Acq On : 29 Jul 2024 13:00  
 Operator : YP\AJ  
 Sample : 100 PPM ALIPHATIC HC STD1  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e  
 Quant Time: Jul 30 03:54:30 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 072924.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jul 30 03:54:17 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)    | 11.865 | 13104828   | 98.560 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 197.12%      |
| 12) S 1-chlorooctadecane (S... | 13.308 | 9890385    | 99.312 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 198.62%      |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.230  | 12653870   | 98.724 ug/ml |
| 2) T n-Decane (C10)            | 4.483  | 12908299   | 98.762 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.188  | 13596127   | 99.287 ug/ml |
| 4) T n-Dodecane (C12)          | 6.657  | 12877181   | 98.734 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.289  | 12981472   | 99.741 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.490  | 12567489   | 98.657 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.102 | 12738714   | 98.649 ug/ml |
| 8) T n-Octadecane (C18)        | 11.552 | 12663301   | 98.578 ug/ml |
| 10) T n-Eicosane (C20)         | 12.863 | 11980121   | 98.636 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.478 | 11711952   | 98.585 ug/ml |
| 13) T n-Docosane (C22)         | 14.066 | 11599863   | 98.730 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.172 | 11479636   | 98.782 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.197 | 11273112   | 98.771 ug/ml |
| 16) T n-Octacosane (C28)       | 17.150 | 11065896   | 98.942 ug/ml |
| 17) T n-Tricontane (C30)       | 18.039 | 11221614   | 98.820 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.875 | 11014287   | 98.685 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.661 | 10871695   | 98.290 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.404 | 10739530   | 98.396 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.140 | 10814944   | 96.203 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.049 | 10712885   | 96.480 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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