

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG021224AL\  
 Data File : FG013489.D  
 Signal(s) : FID1A.ch  
 Acq On : 12 Feb 2024 14:24  
 Operator : YP\AJ  
 Sample : 100 PPM ALIPHATIC HC STD1  
 Misc :  
 ALS Vial : 61 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Feb 12 22:34:44 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 021224.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Feb 12 22:34:34 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)    | 11.976 | 13374474   | 96.120 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 192.24%      |
| 12) S 1-chlorooctadecane (S... | 13.415 | 10162230   | 96.175 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 192.35%      |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.333  | 11972312   | 95.956 ug/ml |
| 2) T n-Decane (C10)            | 4.588  | 12261792   | 95.976 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.294  | 13436386   | 96.032 ug/ml |
| 4) T n-Dodecane (C12)          | 6.758  | 12420006   | 95.969 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.394  | 13026769   | 96.050 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.591  | 12346010   | 95.957 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.205 | 12735738   | 95.925 ug/ml |
| 8) T n-Octadecane (C18)        | 11.656 | 12825721   | 95.925 ug/ml |
| 10) T n-Eicosane (C20)         | 12.970 | 12258216   | 95.963 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.584 | 12010339   | 95.963 ug/ml |
| 13) T n-Docosane (C22)         | 14.173 | 11894178   | 95.956 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.280 | 11687542   | 95.991 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.304 | 11333104   | 96.075 ug/ml |
| 16) T n-Octacosane (C28)       | 17.259 | 10929710   | 96.248 ug/ml |
| 17) T n-Tricontane (C30)       | 18.150 | 10831685   | 95.865 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.985 | 10407689   | 95.724 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.770 | 9970274    | 95.631 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.513 | 9524790    | 95.513 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.268 | 9378640    | 95.008 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.215 | 9163419    | 94.383 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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