

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG011425AL\  
 Data File : FG015068.D  
 Signal(s) : FID1A.ch  
 Acq On : 14 Jan 2025 11:00  
 Operator : YP\AJ  
 Sample : 10 PPM ALIPHATIC HC STD4  
 Misc :  
 ALS Vial : 64 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Jan 14 11:29:13 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 011425.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 14 11:29:05 2025  
 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)    | 11.941 | 1696095    | 10.890 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 21.78%       |
| 12) S 1-chlorooctadecane (S... | 13.386 | 1316129    | 10.805 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 21.61%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.286  | 1414022    | 10.957 ug/ml |
| 2) T n-Decane (C10)            | 4.546  | 1445560    | 10.937 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.256  | 1588241    | 10.920 ug/ml |
| 4) T n-Dodecane (C12)          | 6.725  | 1477691    | 10.921 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.357  | 1548912    | 10.892 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.561  | 1492489    | 10.894 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.176 | 1570556    | 10.880 ug/ml |
| 8) T n-Octadecane (C18)        | 11.625 | 1621142    | 10.945 ug/ml |
| 10) T n-Eicosane (C20)         | 12.941 | 1555013    | 10.867 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.555 | 1532447    | 10.868 ug/ml |
| 13) T n-Docosane (C22)         | 14.144 | 1520670    | 10.842 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.251 | 1504153    | 10.823 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.276 | 1464425    | 10.828 ug/ml |
| 16) T n-Octacosane (C28)       | 17.229 | 1418738    | 10.837 ug/ml |
| 17) T n-Tricontane (C30)       | 18.120 | 1429882    | 10.928 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.956 | 1361904    | 11.007 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.741 | 1178833    | 11.016 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.483 | 1017042    | 11.056 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.233 | 958741     | 11.055 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.171 | 929971     | 11.036 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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