

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG100225AL\  
 Data File : FG016756.D  
 Signal(s) : FID1A.ch  
 Acq On : 03 Oct 2025 01:57  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Oct 03 03:19:04 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 100225.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 03 03:11:55 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)    | 12.046 | 2945013    | 18.859 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.72%       |
| 12) S 1-chlorooctadecane (S... | 13.492 | 2300572    | 18.811 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.62%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.373  | 2365260    | 19.066 ug/ml |
| 2) T n-Decane (C10)            | 4.633  | 2412437    | 19.066 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.350  | 2552725    | 19.249 ug/ml |
| 4) T n-Dodecane (C12)          | 6.813  | 2435723    | 19.043 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.453  | 2390142    | 19.402 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.653  | 2420521    | 19.168 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.272 | 2540456    | 19.062 ug/ml |
| 8) T n-Octadecane (C18)        | 11.724 | 2656523    | 18.886 ug/ml |
| 10) T n-Eicosane (C20)         | 13.043 | 2633959    | 18.732 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.659 | 2616274    | 18.759 ug/ml |
| 13) T n-Docosane (C22)         | 14.249 | 2632841    | 18.531 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.360 | 2674385    | 18.064 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.388 | 2661662    | 17.896 ug/ml |
| 16) T n-Octacosane (C28)       | 17.344 | 2602689    | 17.642 ug/ml |
| 17) T n-Tricontane (C30)       | 18.237 | 2595578    | 17.448 ug/ml |
| 18) T n-Dotriacontane (C32)    | 19.074 | 2433502    | 17.167 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.862 | 2184216    | 17.593 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.606 | 1863830    | 18.081 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.382 | 1660249    | 18.241 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.368 | 1522294    | 18.136 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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