

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG090225AL\  
 Data File : FG016509.D  
 Signal(s) : FID1A.ch  
 Acq On : 03 Sep 2025 02:40  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Sep 03 05:15:26 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 082825.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Aug 28 12:01:28 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)    | 12.071 | 3114523    | 23.526 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 47.05%       |
| 12) S 1-chlorooctadecane (S... | 13.515 | 2369112    | 23.536 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 47.07%       |
|                                |        |            |              |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.389  | 2588457    | 22.880 ug/ml |
| 2) T n-Decane (C10)            | 4.651  | 2673700    | 23.228 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.371  | 2890742    | 23.279 ug/ml |
| 4) T n-Dodecane (C12)          | 6.833  | 2705036    | 23.318 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.474  | 2773704    | 23.253 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.673  | 2688903    | 23.304 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.292 | 2784823    | 23.330 ug/ml |
| 8) T n-Octadecane (C18)        | 11.747 | 2834241    | 23.457 ug/ml |
| 10) T n-Eicosane (C20)         | 13.066 | 2750017    | 23.574 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.683 | 2716101    | 23.630 ug/ml |
| 13) T n-Docosane (C22)         | 14.273 | 2702154    | 23.650 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.385 | 2704787    | 23.779 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.414 | 2653191    | 23.894 ug/ml |
| 16) T n-Octacosane (C28)       | 17.369 | 2570755    | 23.780 ug/ml |
| 17) T n-Tricontane (C30)       | 18.263 | 2569270    | 23.524 ug/ml |
| 18) T n-Dotriacontane (C32)    | 19.100 | 2449546    | 23.298 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.888 | 2241931    | 23.346 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.632 | 1917525    | 22.930 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.417 | 1679086    | 21.807 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.415 | 1655400    | 22.282 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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