

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG031725AL\  
 Data File : FG015497.D  
 Signal(s) : FID1A.ch  
 Acq On : 17 Mar 2025 14:36  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD ICV  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Mar 17 14:54:28 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 031725.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 17 14:26:49 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)    | 11.920 | 3415050    | 20.599 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.20%       |
| 12) S 1-chlorooctadecane (S... | 13.363 | 2773630    | 20.640 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.28%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.267  | 2698575    | 20.951 ug/ml |
| 2) T n-Decane (C10)            | 4.526  | 2765322    | 20.981 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.237  | 3024925    | 21.130 ug/ml |
| 4) T n-Dodecane (C12)          | 6.706  | 2815766    | 20.838 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.338  | 2939392    | 21.096 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.542  | 2853773    | 20.777 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.156 | 3050038    | 20.886 ug/ml |
| 8) T n-Octadecane (C18)        | 11.605 | 3181823    | 20.935 ug/ml |
| 10) T n-Eicosane (C20)         | 12.919 | 3152602    | 20.889 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.533 | 3143892    | 20.933 ug/ml |
| 13) T n-Docosane (C22)         | 14.121 | 3160205    | 20.813 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.228 | 3200654    | 20.515 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.252 | 3169231    | 20.318 ug/ml |
| 16) T n-Octacosane (C28)       | 17.205 | 3087134    | 19.795 ug/ml |
| 17) T n-Tricontane (C30)       | 18.094 | 3043695    | 18.941 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.928 | 2842976    | 18.486 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.711 | 2432944    | 18.206 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.453 | 2064487    | 18.711 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.196 | 1922649    | 19.765 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.122 | 1846311    | 20.423 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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