

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC022725AL\  
 Data File : FC068311.D  
 Signal(s) : FID1A.ch  
 Acq On : 27 Feb 2025 13:27  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Mar 05 04:44:23 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 021125.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 05 03:08:52 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)    | 11.397 | 3033346    | 19.768 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.54%       |
| 12) S 1-chlorooctadecane (S... | 12.840 | 2221647    | 19.752 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.50%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.204  | 2828328    | 20.105 ug/ml |
| 2) T n-Decane (C10)            | 4.261  | 2864523    | 20.219 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.828  | 3091717    | 20.203 ug/ml |
| 4) T n-Dodecane (C12)          | 6.270  | 2831960    | 20.119 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.880  | 2921670    | 20.173 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.058  | 2729412    | 20.019 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.654  | 2751634    | 20.090 ug/ml |
| 8) T n-Octadecane (C18)        | 11.092 | 2749117    | 20.102 ug/ml |
| 10) T n-Eicosane (C20)         | 12.398 | 2618262    | 20.096 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.009 | 2563147    | 20.048 ug/ml |
| 13) T n-Docosane (C22)         | 13.594 | 2536870    | 20.129 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.695 | 2513548    | 20.209 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.714 | 2468793    | 20.304 ug/ml |
| 16) T n-Octacosane (C28)       | 16.663 | 2423834    | 20.408 ug/ml |
| 17) T n-Tricontane (C30)       | 17.550 | 2494006    | 20.720 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.381 | 2439083    | 21.014 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.164 | 2196747    | 20.329 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.902 | 1915492    | 19.918 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.616 | 1807621    | 20.108 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.467 | 1721919    | 19.902 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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