

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC011224AL\  
 Data File : FC065565.D  
 Signal(s) : FID1A.ch  
 Acq On : 12 Jan 2024 09:04  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jan 13 02:04:37 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 010824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jan 08 15:12:33 2024  
 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)    | 11.492 | 3721063    | 20.462 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.92%       |
| 12) S 1-chlorooctadecane (S... | 12.924 | 2701795    | 20.044 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.09%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.287  | 2853518    | 18.267 ug/ml |
| 2) T n-Decane (C10)            | 4.349  | 2925927    | 18.495 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.935  | 2732852    | 16.342 ug/ml |
| 4) T n-Dodecane (C12)          | 6.362  | 2978500    | 18.564 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.991  | 2526558    | 16.373 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.150  | 2889276    | 18.422 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.745  | 2915025    | 18.227 ug/ml |
| 8) T n-Octadecane (C18)        | 11.179 | 3005747    | 18.352 ug/ml |
| 10) T n-Eicosane (C20)         | 12.482 | 2983273    | 18.730 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.089 | 2968168    | 18.918 ug/ml |
| 13) T n-Docosane (C22)         | 13.673 | 2942475    | 18.846 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.771 | 2926998    | 18.832 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.786 | 2894888    | 18.857 ug/ml |
| 16) T n-Octacosane (C28)       | 16.732 | 2896193    | 19.215 ug/ml |
| 17) T n-Tricontane (C30)       | 17.614 | 3018619    | 19.765 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.443 | 3026273    | 20.098 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.223 | 2881463    | 20.068 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.959 | 2780705    | 20.186 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.676 | 2664393    | 19.258 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.545 | 2543536    | 18.382 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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