

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC022323AL\  
 Data File : FC062974.D  
 Signal(s) : FID1A.ch  
 Acq On : 22 Feb 2023 11:16  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Feb 23 05:19:23 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 022223.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Feb 22 04:36:00 2023  
 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)    | 11.532 | 2607893    | 20.091 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.18%       |
| 12) S 1-chlorooctadecane (S... | 12.972 | 1984748    | 20.346 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.69%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.295  | 2374425    | 20.028 ug/ml |
| 2) T n-Decane (C10)            | 4.362  | 2314342    | 20.070 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.946  | 2590040    | 20.252 ug/ml |
| 4) T n-Dodecane (C12)          | 6.382  | 2308592    | 19.992 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.003  | 2418064    | 20.544 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.177  | 2303023    | 20.378 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.778  | 2339606    | 20.338 ug/ml |
| 8) T n-Octadecane (C18)        | 11.220 | 2374713    | 20.388 ug/ml |
| 10) T n-Eicosane (C20)         | 12.528 | 2308810    | 20.263 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.140 | 2309178    | 20.262 ug/ml |
| 13) T n-Docosane (C22)         | 13.725 | 2280936    | 20.224 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.826 | 2274697    | 20.298 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.846 | 2245557    | 20.305 ug/ml |
| 16) T n-Octacosane (C28)       | 16.794 | 2234425    | 20.307 ug/ml |
| 17) T n-Tricontane (C30)       | 17.680 | 2237624    | 20.319 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.511 | 2268768    | 20.328 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.292 | 2268216    | 20.294 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.029 | 2188867    | 20.164 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.758 | 2197941    | 20.226 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.658 | 2196500    | 20.190 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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