

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG030124AL\  
 Data File : FG013599.D  
 Signal(s) : FID1A.ch  
 Acq On : 01 Mar 2024 08:03  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Mar 01 10:19:23 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 021224.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Feb 12 22:40:01 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)    | 11.969 | 2840389    | 19.745 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 39.49%        |
| 12) S 1-chlorooctadecane (S... | 13.410 | 2196936    | 20.137 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 40.27%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.331  | 2645709    | 20.462 ug/ml  |
| 2) T n-Decane (C10)            | 4.585  | 2705307    | 20.459 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.292  | 2940167    | 20.296 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.755  | 2735951    | 20.424 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.390  | 2846066    | 20.284 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.588  | 2715975    | 20.396 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.201 | 2793752    | 20.330 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.650 | 2793675    | 20.183 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.963 | 2653006    | 20.066 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.578 | 2575203    | 19.873 ug/ml  |
| 13) T n-Docosane (C22)         | 14.166 | 2565240    | 19.988 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.273 | 2541139    | 20.170 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.298 | 2480204    | 20.321 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.250 | 2434635    | 20.712 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.143 | 2468109    | 21.036 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.977 | 2399119    | 21.198 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.765 | 2282273    | 21.005 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.507 | 2193283    | 21.095 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.263 | 2418837    | 23.385 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.209 | 2305303    | 22.572 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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