

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC121621AL\  
 Data File : FC057520.D  
 Signal(s) : FID1A.CH  
 Acq On : 16 Dec 2021 9:53  
 Operator : AJ\MA  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

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

Integration File: sample.E  
 Quant Time: Dec 16 11:43:33 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 121421.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Dec 14 20:43:13 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)    | 10.825 | 2782602    | 19.996 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.99%       |
| 12) S 1-chlorooctadecane (S... | 12.262 | 2185612    | 19.736 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.47%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 2.689  | 2535849    | 20.525 ug/ml |
| 2) T n-Decane (C10)            | 3.695  | 2574693    | 20.671 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.253  | 2887120    | 20.811 ug/ml |
| 4) T n-Dodecane (C12)          | 5.682  | 2581676    | 20.905 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.301  | 2902467    | 20.755 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.472  | 2612024    | 21.094 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.071  | 2610633    | 20.821 ug/ml |
| 8) T n-Octadecane (C18)        | 10.511 | 2657530    | 20.531 ug/ml |
| 10) T n-Eicosane (C20)         | 11.819 | 2592671    | 19.957 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.431 | 2596586    | 19.785 ug/ml |
| 13) T n-Docosane (C22)         | 13.016 | 2545739    | 19.368 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.119 | 2515334    | 18.912 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.138 | 2400858    | 18.309 ug/ml |
| 16) T n-Octacosane (C28)       | 16.087 | 2320842    | 17.648 ug/ml |
| 17) T n-Tricontane (C30)       | 16.973 | 2254023    | 16.493 ug/ml |
| 18) T n-Dotriacontane (C32)    | 17.807 | 2202803    | 16.429 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.591 | 2184123    | 16.750 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.330 | 2138731    | 18.012 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.056 | 2110778    | 19.218 ug/ml |
| 22) T n-Tetracontane (C40)     | 20.941 | 2094582    | 20.979 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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