

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD050222AL\  
 Data File : FD042234.D  
 Signal(s) : FID2B.CH  
 Acq On : 02 May 2022 19:29  
 Operator : UA/NP  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

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

Integration File: sample.E  
 Quant Time: May 02 19:57:55 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 042122.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 22 01:55:29 2022  
 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)    | 11.227 | 3638595    | 21.696 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 43.39%       |
| 12) S 1-chlorooctadecane (S... | 12.665 | 2783372    | 21.093 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.19%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.100  | 3204992    | 23.514 ug/ml |
| 2) T n-Decane (C10)            | 4.144  | 3246798    | 24.227 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.695  | 3417322    | 23.575 ug/ml |
| 4) T n-Dodecane (C12)          | 6.139  | 3340162    | 23.462 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.741  | 3423509    | 24.567 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.915  | 3337718    | 23.432 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.500  | 3349251    | 23.048 ug/ml |
| 8) T n-Octadecane (C18)        | 10.929 | 3345624    | 22.323 ug/ml |
| 10) T n-Eicosane (C20)         | 12.228 | 3261760    | 21.310 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.835 | 3243325    | 21.038 ug/ml |
| 13) T n-Docosane (C22)         | 13.417 | 3224526    | 20.919 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.513 | 3161756    | 20.444 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.527 | 3061278    | 19.902 ug/ml |
| 16) T n-Octacosane (C28)       | 16.471 | 3062878    | 20.033 ug/ml |
| 17) T n-Tricontane (C30)       | 17.354 | 3112413    | 20.750 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.181 | 3011771    | 21.300 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.961 | 2741063    | 21.300 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.696 | 2434319    | 21.512 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.392 | 2236240    | 22.413 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.170 | 2127014    | 23.581 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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