

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD051722AL\  
 Data File : FD042522.D  
 Signal(s) : FID2B.CH  
 Acq On : 18 May 2022 1:28  
 Operator : UA/NP  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

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

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 05/18/2022  
 Supervised By :mohammad ahmed 05/18/2022

Integration File: sample.E  
 Quant Time: May 18 02:01:58 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)    | 11.203 | 3397142    | 20.256 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 40.51%        |
| 12) S 1-chlorooctadecane (S... | 12.642 | 2635798    | 19.974 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 39.95%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.079  | 2998884    | 22.002 ug/ml  |
| 2) T n-Decane (C10)            | 4.122  | 3003903    | 22.415 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.673  | 3155868    | 21.772 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.116  | 3137803    | 22.041 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.718  | 3171867    | 22.761 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.891  | 3168610    | 22.244 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.476  | 3203332    | 22.044 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.906 | 3206300    | 21.393 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.205 | 3144283    | 20.542 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.811 | 3097677    | 20.093 ug/ml  |
| 13) T n-Docosane (C22)         | 13.394 | 3117457    | 20.224 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.489 | 3120695    | 20.179 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.504 | 3049963    | 19.828 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.447 | 3067876    | 20.066 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.329 | 3054162    | 20.361 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.157 | 2869427    | 20.293 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 18.936 | 2630522    | 20.441 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.673 | 2362868    | 20.881 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.367 | 2266044    | 22.711 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.141 | 2156313    | 23.906 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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