

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD051222AL\  
 Data File : FD042433.D  
 Signal(s) : FID2B.CH  
 Acq On : 13 May 2022 4:18  
 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

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 05/17/2022  
 Supervised By :mohammad ahmed 05/17/2022

Integration File: autoint1.e  
 Quant Time: May 13 06:47:29 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)    | 11.204 | 3225264    | 19.231 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 38.46%        |
| 12) S 1-chlorooctadecane (S... | 12.642 | 2500815    | 18.951 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 37.90%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.082  | 2759611    | 20.246 ug/ml  |
| 2) T n-Decane (C10)            | 4.125  | 2797962    | 20.878 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.676  | 2941748    | 20.294 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.118  | 2928091    | 20.567 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.721  | 2936488    | 21.072 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.893  | 2964700    | 20.813 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.479  | 3006503    | 20.689 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.907 | 3022153    | 20.165 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.206 | 2955703    | 19.310 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.813 | 2932395    | 19.021 ug/ml  |
| 13) T n-Docosane (C22)         | 13.395 | 2902135    | 18.827 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.490 | 2833046    | 18.319 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.505 | 2748645    | 17.869 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.448 | 2752269    | 18.001 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.330 | 2816118    | 18.774 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.156 | 2730894    | 19.313 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 18.936 | 2518223    | 19.568 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.672 | 2320024    | 20.502 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.367 | 2205825    | 22.108 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.138 | 2197795    | 24.366 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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