

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD102522AL\  
 Data File : FD044229.D  
 Signal(s) : FID2B.ch  
 Acq On : 25 Oct 2022 08:41  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 55 Sample Multiplier: 1

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

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/26/2022  
 Supervised By :Ankita Jodhani 10/27/2022

Integration File: autoint1.e  
 Quant Time: Oct 26 03:53:30 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 100522.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 06 01:41:44 2022  
 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)    | 11.299 | 3208835    | 20.386 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 40.77%        |
| 12) S 1-chlorooctadecane (S... | 12.715 | 2514970    | 19.997 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 39.99%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.136  | 2733858    | 20.247 ug/ml  |
| 2) T n-Decane (C10)            | 4.184  | 2793739    | 20.794 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.754  | 2850989    | 21.338 ug/mlm |
| 4) T n-Dodecane (C12)          | 6.179  | 2853066    | 20.532 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.800  | 2747772    | 21.132 ug/mlm |
| 6) T n-Tetradecane (C14)       | 7.959  | 2902388    | 20.847 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.547  | 2957207    | 20.965 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.977 | 3005115    | 20.667 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.274 | 3008240    | 20.287 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.881 | 3004939    | 20.029 ug/ml  |
| 13) T n-Docosane (C22)         | 13.462 | 3043533    | 20.243 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.555 | 2986744    | 19.788 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.564 | 2877158    | 19.002 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.505 | 2770706    | 18.391 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.381 | 2769525    | 18.069 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.205 | 2713635    | 17.695 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 18.979 | 2534255    | 17.214 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.710 | 2496925    | 17.030 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.402 | 2432981    | 17.440 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.161 | 2394407    | 18.410 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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