

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD101719AL\  
 Data File : FD031061.D  
 Signal(s) : FID2B.CH  
 Acq On : 17 Oct 2019 10:24  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

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

Manual Integrations  
 APPROVED

Ankita  
 10/18/2019 4:18:25 PM

Integration File: sample.E  
 Quant Time: Oct 18 03:09:13 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 101419.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 15 07:46:23 2019  
 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)    | 11.443 | 2378126    | 18.962 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 37.92%        |
| 12) S 1-chlorooctadecane (S... | 12.872 | 1755074    | 18.745 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 37.49%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.268  | 2157060    | 20.621 ug/ml  |
| 2) T n-Decane (C10)            | 4.324  | 2164745    | 20.650 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.895  | 2369959    | 20.683 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.328  | 2188173    | 20.458 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.945  | 2379176    | 20.639 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.111  | 2177806    | 20.249 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.701  | 2154550    | 20.006 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.132 | 2127082    | 19.456 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.431 | 2080783    | 19.029 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.039 | 2074622    | 18.876 ug/ml  |
| 13) T n-Docosane (C22)         | 13.620 | 2038195    | 18.637 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.715 | 1996880    | 18.285 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.728 | 1924255    | 17.781 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.670 | 1885725    | 17.565 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.549 | 1885968    | 17.705 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.375 | 1861982    | 18.087 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 19.152 | 1848182    | 18.807 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 19.884 | 1783942    | 19.366 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.589 | 1717753    | 19.849 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.421 | 1834720    | 20.648 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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