

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD031122AL\  
 Data File : FD041522.D  
 Signal(s) : FID2B.CH  
 Acq On : 11 Mar 2022 22:09  
 Operator : UA/NP  
 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

Reviewed By :Yogesh Patel 03/14/2022  
 Supervised By :Ankita Jodhani 03/14/2022

Integration File: sample.E  
 Quant Time: Mar 11 22:58:30 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 022322.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Feb 24 01:21:33 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)    | 11.242 | 3470932    | 20.010 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 40.02%        |
| 12) S 1-chlorooctadecane (S... | 12.682 | 2692722    | 19.889 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 39.78%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.104  | 3139976    | 21.563 ug/ml  |
| 2) T n-Decane (C10)            | 4.150  | 3118241    | 21.596 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.700  | 3425527    | 21.444 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.145  | 3218552    | 21.732 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.746  | 3454141    | 21.584 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.923  | 3243834    | 21.668 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.512  | 3262978    | 21.434 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.943 | 3251113    | 20.917 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.245 | 3165821    | 20.393 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.853 | 3138298    | 20.042 ug/ml  |
| 13) T n-Docosane (C22)         | 13.436 | 3111705    | 19.869 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.533 | 3052151    | 19.459 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.548 | 2923389    | 19.027 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.493 | 2860406    | 19.220 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.375 | 2818692    | 20.033 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.204 | 2674304    | 21.020 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 18.982 | 2473100    | 21.713 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 19.720 | 2312634    | 22.564 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.418 | 2246883    | 23.665 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.205 | 2210738    | 23.327 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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