

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC053122AL\  
 Data File : FC060003.D  
 Signal(s) : FID1A.CH  
 Acq On : 31 May 2022 11:58  
 Operator : UA/NP  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

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

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/01/2022  
 Supervised By :Ankita Jodhani 06/01/2022

Integration File: sample.E  
 Quant Time: May 31 17:17:39 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 052722.M  
 Quant Title : GC Extractables  
 QLast Update : Sat May 28 08:22:04 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)    | 10.651 | 3220452    | 20.694 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 41.39%        |
| 12) S 1-chlorooctadecane (S... | 12.021 | 2571734    | 20.742 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 41.48%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 2.631  | 2687630    | 20.999 ug/ml  |
| 2) T n-Decane (C10)            | 3.628  | 2708512    | 21.172 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.163  | 3070899    | 21.246 ug/ml  |
| 4) T n-Dodecane (C12)          | 5.581  | 2799940    | 21.004 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.187  | 3141733    | 21.406 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.333  | 2879097    | 21.090 ug/ml  |
| 7) T n-Hexadecane (C16)        | 8.897  | 2958680    | 21.087 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.306 | 3003115    | 20.985 ug/ml  |
| 10) T n-Eicosane (C20)         | 11.586 | 2969600    | 20.814 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.185 | 2968673    | 20.711 ug/ml  |
| 13) T n-Docosane (C22)         | 12.758 | 2948504    | 20.691 ug/ml  |
| 14) T n-Tetracosane (C24)      | 13.837 | 2864120    | 20.410 ug/ml  |
| 15) T n-Hexacosane (C26)       | 14.835 | 2731667    | 20.172 ug/ml  |
| 16) T n-Octacosane (C28)       | 15.763 | 2613405    | 20.067 ug/ml  |
| 17) T n-Tricontane (C30)       | 16.631 | 2505079    | 20.462 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 17.444 | 2323359    | 20.838 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 18.209 | 2142715    | 21.008 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 18.932 | 2010327    | 21.229 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 19.616 | 1970826    | 21.361 ug/mlm |
| 22) T n-Tetracontane (C40)     | 20.263 | 2036781    | 21.648 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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