

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC050621AL\  
 Data File : FC053551.D  
 Signal(s) : FID1A.CH  
 Acq On : 07 May 2021 1:19  
 Operator : DD\AJ  
 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

Ankita  
 5/10/2021 10:22:30 AM

Integration File: autoint1.e  
 Quant Time: May 07 05:10:06 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 050321.M  
 Quant Title : GC Extractables  
 QLast Update : Tue May 04 11:44:19 2021  
 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)    | 11.532 | 2802509    | 20.242 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 40.48%        |
| 12) S 1-chlorooctadecane (S... | 12.973 | 2226236    | 19.960 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 39.92%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.292  | 2413833    | 20.437 ug/ml  |
| 2) T n-Decane (C10)            | 4.356  | 2447556    | 20.669 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.939  | 2728495    | 20.940 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.375  | 2513166    | 20.769 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.997  | 2784411    | 21.060 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.173  | 2543306    | 20.878 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.775  | 2537151    | 20.715 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.218 | 2660499    | 20.429 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.529 | 2672596    | 20.192 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.142 | 2656361    | 20.001 ug/ml  |
| 13) T n-Docosane (C22)         | 13.728 | 2635449    | 19.813 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.832 | 2578018    | 19.313 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.855 | 2476359    | 18.730 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.805 | 2372016    | 18.120 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.693 | 2278577    | 17.470 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.527 | 2153480    | 17.067 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.312 | 2046325    | 16.795 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.050 | 1908375    | 16.322 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.782 | 1818617    | 17.678 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.677 | 1875764    | 18.824 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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