

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC121120AL\  
 Data File : FC051273.D  
 Signal(s) : FID1A.CH  
 Acq On : 12 Dec 2020 7:47  
 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  
 12/14/2020 3:16:58 PM

Integration File: autoint1.e  
 Quant Time: Dec 14 00:06:51 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 112720.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Nov 30 10:42:25 2020  
 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)    | 11.578 | 2318723    | 18.845 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 37.69%        |
| 12) S 1-chlorooctadecane (S... | 13.013 | 1806457    | 18.518 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 37.04%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.337  | 2278492    | 21.410 ug/ml  |
| 2) T n-Decane (C10)            | 4.405  | 2297494    | 21.632 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.996  | 2402491    | 21.370 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.423  | 2342296    | 21.527 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.053  | 2360555    | 20.887 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.218  | 2303137    | 21.286 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.818  | 2224640    | 20.730 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.259 | 2262022    | 19.832 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.568 | 2206530    | 18.994 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.179 | 2145737    | 18.520 ug/ml  |
| 13) T n-Docosane (C22)         | 13.765 | 2141544    | 18.490 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.867 | 2076026    | 18.051 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.886 | 2041655    | 18.133 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.834 | 2057444    | 18.581 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.720 | 2079433    | 19.576 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.552 | 2027310    | 20.748 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 19.334 | 1882174    | 21.089 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.072 | 1828965    | 21.929 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.807 | 1862557    | 23.917 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.718 | 1693106    | 20.448 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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