

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC101221AL\  
 Data File : FC056153.D  
 Signal(s) : FID1A.CH  
 Acq On : 13 Oct 2021 6:13  
 Operator : AJ\MA  
 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

mohammad  
 10/13/2021 1:24:55 PM

Integration File: sample.E  
 Quant Time: Oct 13 07:43:09 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 092921.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Sep 30 01:25:44 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)    | 11.635 | 1899113    | 16.005 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 32.01%        |
| 12) S 1-chlorooctadecane (S... | 13.066 | 1468367    | 15.983 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 31.97%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.386  | 2013044    | 18.864 ug/ml  |
| 2) T n-Decane (C10)            | 4.456  | 1994685    | 18.660 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.051  | 2144065    | 17.820 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.477  | 1962897    | 18.085 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.108  | 2134764    | 17.574 ug/mlm |
| 6) T n-Tetradecane (C14)       | 8.272  | 1912467    | 17.286 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.872  | 1857007    | 16.776 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.312 | 1835647    | 16.401 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.620 | 1770567    | 16.210 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.232 | 1754454    | 16.137 ug/ml  |
| 13) T n-Docosane (C22)         | 13.818 | 1726893    | 16.170 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.919 | 1705864    | 16.313 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.938 | 1676793    | 16.689 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.885 | 1687483    | 17.445 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.770 | 1714148    | 18.474 ug/mlm |
| 18) T n-Dotriacontane (C32)    | 18.599 | 1723078    | 19.381 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.381 | 1666850    | 19.272 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.116 | 1634542    | 20.006 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.859 | 1465940    | 18.396 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.779 | 1426833    | 17.800 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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