

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC120621AL\  
 Data File : FC057244.D  
 Signal(s) : FID1A.CH  
 Acq On : 07 Dec 2021 3:07  
 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

Reviewed By :Ankita Jodhani 12/07/2021  
 Supervised By :mohammad ahmed 12/07/2021

Integration File: autoint1.e  
 Quant Time: Dec 07 03:33:40 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 111921.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Nov 19 00:52:49 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)    | 11.588 | 2591518    | 22.332 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 44.66%        |
| 12) S 1-chlorooctadecane (S... | 13.020 | 2007650    | 22.053 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 44.11%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.349  | 2386787    | 23.554 ug/ml  |
| 2) T n-Decane (C10)            | 4.416  | 2456229    | 24.528 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.006  | 2712396    | 24.291 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.434  | 2488552    | 24.544 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.063  | 2711507    | 24.592 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.228  | 2473990    | 24.418 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.827  | 2460057    | 23.973 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.268 | 2513089    | 23.456 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.574 | 2434807    | 22.765 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.185 | 2417026    | 22.319 ug/ml  |
| 13) T n-Docosane (C22)         | 13.770 | 2377066    | 22.188 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.871 | 2303657    | 21.280 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.890 | 2220078    | 20.842 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.837 | 2173143    | 20.373 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.721 | 2129456    | 19.979 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.551 | 2080077    | 19.720 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.331 | 2093397    | 20.151 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.067 | 2071274    | 20.506 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.799 | 2024522    | 22.054 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.702 | 2058539    | 22.851 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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