

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC112421AL\  
 Data File : FC057085.D  
 Signal(s) : FID1A.CH  
 Acq On : 25 Nov 2021 6:05  
 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 11/26/2021  
 Supervised By :mohammad ahmed 11/26/2021

Integration File: autoint1.e  
 Quant Time: Nov 25 06:24:07 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)    | 11.596 | 2333216    | 20.106 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 40.21%        |
| 12) S 1-chlorooctadecane (S... | 13.029 | 1808575    | 19.866 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 39.73%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.357  | 2165198    | 21.367 ug/ml  |
| 2) T n-Decane (C10)            | 4.424  | 2193564    | 21.905 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.014  | 2435250    | 21.809 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.442  | 2226192    | 21.956 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.071  | 2427492    | 22.016 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.236  | 2218423    | 21.895 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.836  | 2200580    | 21.445 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.276 | 2247219    | 20.975 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.584 | 2177113    | 20.355 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.195 | 2162741    | 19.971 ug/ml  |
| 13) T n-Docosane (C22)         | 13.779 | 2112884    | 19.722 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.880 | 2047882    | 18.917 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.897 | 1950405    | 18.311 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.844 | 1914212    | 17.946 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.729 | 1928254    | 18.091 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.558 | 1924611    | 18.246 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 19.338 | 1934021    | 18.617 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.073 | 1870453    | 18.518 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.807 | 1857553    | 20.236 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.715 | 1817866    | 20.180 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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