

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC031122AL\  
 Data File : FC058687.D  
 Signal(s) : FID1A.CH  
 Acq On : 11 Mar 2022 10:15  
 Operator : UA/NP  
 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 :Yogesh Patel 03/14/2022  
 Supervised By :Ankita Jodhani 03/14/2022

Integration File: autoint1.e  
 Quant Time: Mar 11 21:35:58 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 022322.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Feb 23 17:15:11 2022  
 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)    | 11.400 | 2539094    | 17.432 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 34.86%        |
| 12) S 1-chlorooctadecane (S... | 12.833 | 1931989    | 17.044 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 34.09%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.252  | 2388700    | 19.864 ug/ml  |
| 2) T n-Decane (C10)            | 4.303  | 2352209    | 19.767 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.866  | 2483232    | 19.134 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.298  | 2435381    | 19.797 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.912  | 2472703    | 18.967 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.076  | 2419011    | 19.305 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.663  | 2422643    | 18.812 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.093 | 2381113    | 18.094 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.394 | 2298012    | 17.476 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.001 | 2275523    | 17.218 ug/ml  |
| 13) T n-Docosane (C22)         | 13.584 | 2243909    | 17.212 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.680 | 2196296    | 17.008 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.695 | 2153999    | 17.413 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.640 | 2123064    | 17.836 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.524 | 2146254    | 19.067 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.350 | 2067153    | 19.224 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 19.132 | 1968148    | 20.313 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.868 | 1842221    | 20.420 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.573 | 1886686    | 21.680 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.403 | 1795178    | 21.392 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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