

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC011122AL\  
 Data File : FC057826.D  
 Signal(s) : FID1A.CH  
 Acq On : 11 Jan 2022 13:54  
 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 :Yogesh Patel 01/12/2022  
 Supervised By :Ankita Jodhani 01/13/2022

Integration File: autoint1.e  
 Quant Time: Jan 11 23:56:31 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 010522.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jan 05 12:13:43 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)    | 10.704 | 3840885    | 19.863 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 39.73%        |
| 12) S 1-chlorooctadecane (S... | 12.141 | 2903165    | 19.698 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 39.40%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 2.634  | 3275049    | 20.480 ug/ml  |
| 2) T n-Decane (C10)            | 3.623  | 3352939    | 20.861 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.160  | 3801507    | 20.936 ug/ml  |
| 4) T n-Dodecane (C12)          | 5.595  | 3373729    | 20.919 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.201  | 3829961    | 20.944 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.375  | 3471741    | 21.029 ug/ml  |
| 7) T n-Hexadecane (C16)        | 8.966  | 3484994    | 20.863 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.401 | 3528508    | 20.504 ug/ml  |
| 10) T n-Eicosane (C20)         | 11.703 | 3413048    | 19.937 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.312 | 3387582    | 19.590 ug/ml  |
| 13) T n-Docosane (C22)         | 12.895 | 3337138    | 19.289 ug/ml  |
| 14) T n-Tetracosane (C24)      | 13.992 | 3293277    | 19.024 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.009 | 3162095    | 18.790 ug/ml  |
| 16) T n-Octacosane (C28)       | 15.954 | 3158815    | 19.303 ug/ml  |
| 17) T n-Tricontane (C30)       | 16.840 | 3251295    | 20.825 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 17.670 | 3088986    | 22.155 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 18.451 | 2797087    | 22.505 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 19.187 | 2528638    | 22.744 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 19.891 | 2370022    | 22.720 ug/ml  |
| 22) T n-Tetracontane (C40)     | 20.716 | 2314181    | 24.168 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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