

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC052021AL\  
 Data File : FC053842.D  
 Signal(s) : FID1A.CH  
 Acq On : 20 May 2021 10:26  
 Operator : DD\AJ  
 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

Ankita  
 5/21/2021 4:29:07 PM

Integration File: autoint1.e  
 Quant Time: May 21 01:27:33 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 050321.M  
 Quant Title : GC Extractables  
 QLast Update : Tue May 04 11:44:19 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)    | 11.527 | 2554861    | 18.453 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 36.91%        |
| 12) S 1-chlorooctadecane (S... | 12.967 | 1988339    | 17.827 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 35.65%        |
|                                |        |            |               |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.290  | 2413290    | 20.432 ug/ml  |
| 2) T n-Decane (C10)            | 4.355  | 2470025    | 20.859 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.939  | 2711339    | 20.808 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.372  | 2530608    | 20.913 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.996  | 2740915    | 20.731 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.168  | 2521586    | 20.700 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.770  | 2461142    | 20.095 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.213 | 2526460    | 19.399 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.522 | 2463153    | 18.609 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.134 | 2399965    | 18.071 ug/ml  |
| 13) T n-Docosane (C22)         | 13.722 | 2375095    | 17.856 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.825 | 2330914    | 17.462 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.847 | 2242043    | 16.958 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.798 | 2207083    | 16.860 ug/mlm |
| 17) T n-Tricontane (C30)       | 17.685 | 2225640    | 17.064 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.518 | 2197514    | 17.416 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 19.302 | 2134907    | 17.522 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.043 | 2047238    | 17.510 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.772 | 1950077    | 18.956 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.664 | 1979439    | 19.865 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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