

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC121721AL\  
 Data File : FC057586.D  
 Signal(s) : FID1A.CH  
 Acq On : 17 Dec 2021 23:30  
 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 12/23/2021  
 Supervised By :Ankita Jodhani 12/23/2021

Integration File: sample.E  
 Quant Time: Dec 18 00:35:47 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 121421.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Dec 14 20:43:13 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)    | 10.806 | 2741808    | 19.703 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 39.41%        |
| 12) S 1-chlorooctadecane (S... | 12.244 | 2090511    | 18.878 ug/mlm |
| Spiked Amount 50.000           |        | Recovery = | 37.76%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 2.676  | 2580187    | 20.884 ug/mlm |
| 2) T n-Decane (C10)            | 3.679  | 2620114    | 21.036 ug/mlm |
| 3) T A~Naphthalene (C11.7)     | 5.234  | 2946845    | 21.241 ug/mlm |
| 4) T n-Dodecane (C12)          | 5.666  | 2642271    | 21.396 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.282  | 2982459    | 21.327 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.454  | 2622194    | 21.176 ug/mlm |
| 7) T n-Hexadecane (C16)        | 9.053  | 2615004    | 20.855 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.494 | 2622411    | 20.260 ug/ml  |
| 10) T n-Eicosane (C20)         | 11.801 | 2515105    | 19.360 ug/mlm |
| 11) T n-Heneicosane (C21)      | 12.414 | 2514861    | 19.162 ug/ml  |
| 13) T n-Docosane (C22)         | 12.999 | 2454685    | 18.676 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.101 | 2417642    | 18.177 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.120 | 2289810    | 17.462 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.070 | 2262187    | 17.202 ug/ml  |
| 17) T n-Tricontane (C30)       | 16.959 | 2270836    | 16.616 ug/mlm |
| 18) T n-Dotriacontane (C32)    | 17.789 | 2302536    | 17.173 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 18.574 | 2273777    | 17.438 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 19.316 | 2228876    | 18.771 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.033 | 2167042    | 19.731 ug/mlm |
| 22) T n-Tetracontane (C40)     | 20.915 | 2171370    | 21.748 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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