

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC083021AL\  
 Data File : FC055446.D  
 Signal(s) : FID1A.CH  
 Acq On : 30 Aug 2021 22:14  
 Operator : AJ\MA  
 Sample : 5 PPM ALIPHATIC HC STD5  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 5 PPM ALIPHATIC HC STD5

Manual Integrations  
 APPROVED

mohammad  
 8/31/2021 12:52:42 PM

Integration File: autoint1.e  
 Quant Time: Aug 31 01:39:52 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 083021.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 31 01:37:03 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)    | 11.659 | 630179     | 5.046 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 10.09%       |
| 12) S 1-chlorooctadecane (S... | 13.094 | 500678     | 5.064 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 10.13%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.402  | 548655     | 5.071 ug/ml  |
| 2) T n-Decane (C10)            | 4.471  | 552200     | 5.068 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.062  | 622149     | 5.054 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.493  | 557445     | 5.103 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.119  | 631168     | 5.087 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.291  | 561811     | 5.054 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.894  | 574313     | 5.101 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.338 | 590882     | 5.088 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.649 | 589645     | 5.082 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.262 | 599825     | 5.115 ug/ml  |
| 13) T n-Docosane (C22)         | 13.849 | 594947     | 5.115 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.953 | 590113     | 5.070 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.974 | 572157     | 5.049 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.923 | 565802     | 5.107 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.811 | 545234     | 5.126 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.644 | 515907     | 5.179 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.427 | 483803     | 5.130 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.167 | 448418     | 5.179 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.918 | 418269     | 5.157 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.860 | 420947     | 5.254 ug/mlm |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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