

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC081321AL\  
 Data File : FC055170.D  
 Signal(s) : FID1A.CH  
 Acq On : 13 Aug 2021 10:45  
 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

mohammad  
 8/17/2021 11:44:43 AM

Integration File: autoint1.e  
 Quant Time: Aug 13 23:29:26 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 080321.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 04 02:08:31 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)    | 11.304 | 2442532    | 19.401 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 38.80%        |
| 12) S 1-chlorooctadecane (S... | 12.746 | 1907752    | 19.249 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 38.50%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.142  | 2196786    | 21.009 ug/ml  |
| 2) T n-Decane (C10)            | 4.191  | 2287507    | 21.722 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.755  | 2355199    | 21.675 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.191  | 2362250    | 21.754 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.805  | 2396002    | 21.954 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.974  | 2388818    | 21.398 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.567  | 2393266    | 20.984 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.001 | 2408060    | 20.421 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.305 | 2312834    | 19.700 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.914 | 2297149    | 19.455 ug/ml  |
| 13) T n-Docosane (C22)         | 13.497 | 2231980    | 19.110 ug/mlm |
| 14) T n-Tetracosane (C24)      | 14.597 | 2168994    | 18.739 ug/mlm |
| 15) T n-Hexacosane (C26)       | 15.612 | 2055294    | 18.339 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.560 | 1992609    | 18.353 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.444 | 1961696    | 18.788 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.273 | 1900118    | 19.187 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.054 | 1883480    | 19.872 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.792 | 1812728    | 20.060 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.492 | 1745738    | 20.204 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.296 | 1769785    | 19.873 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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