

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC101221AL\  
 Data File : FC056140.D  
 Signal(s) : FID1A.CH  
 Acq On : 12 Oct 2021 21:57  
 Operator : AJ\MA  
 Sample : M4163-01MSD  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 TR-04-100821MSD

Manual Integrations  
 APPROVED

mohammad  
 10/13/2021 1:24:41 PM

Integration File: sample.E  
 Quant Time: Oct 13 05:08:00 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 092921.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Sep 30 01:25:44 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)    | 11.638 | 3615837    | 30.472 ug/mlm  |
| Spiked Amount 50.000           |        | Recovery = | 60.94%         |
| 12) S 1-chlorooctadecane (S... | 13.107 | 112492621  | 1224.436 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 2448.87%       |
| Target Compounds               |        |            |                |
| 1) T n-Nonane (C9)             | 3.387  | 2782676    | 26.076 ug/ml   |
| 2) T n-Decane (C10)            | 4.457  | 3224657    | 30.167 ug/ml   |
| 3) T A~Naphthalene (C11.7)     | 6.051  | 3900456    | 32.417 ug/ml   |
| 4) T n-Dodecane (C12)          | 6.478  | 3917363    | 36.091 ug/ml   |
| 5) T A~2-methylnaphthalene...  | 7.109  | 4047339    | 33.319 ug/ml   |
| 6) T n-Tetradecane (C14)       | 8.276  | 4310401    | 38.960 ug/ml   |
| 7) T n-Hexadecane (C16)        | 9.875  | 4395860    | 39.713 ug/ml   |
| 8) T n-Octadecane (C18)        | 11.317 | 4424858    | 39.535 ug/ml   |
| 10) T n-Eicosane (C20)         | 12.627 | 4324012    | 39.587 ug/ml   |
| 11) T n-Heneicosane (C21)      | 13.247 | 4619842    | 42.492 ug/ml   |
| 13) T n-Docosane (C22)         | 13.824 | 4329635    | 40.540 ug/ml   |
| 14) T n-Tetracosane (C24)      | 14.926 | 9075100    | 86.786 ug/ml   |
| 15) T n-Hexacosane (C26)       | 15.944 | 4043833    | 40.248 ug/ml   |
| 16) T n-Octacosane (C28)       | 16.890 | 4431133    | 45.810 ug/ml   |
| 17) T n-Tricontane (C30)       | 17.776 | 4177961    | 45.028 ug/mlm  |
| 18) T n-Dotriacontane (C32)    | 18.606 | 4235183    | 47.636 ug/mlm  |
| 19) T n-Tetratriacontane (C34) | 19.386 | 3740959    | 43.254 ug/mlm  |
| 20) T n-Hexatriacontane (C36)  | 20.126 | 3777499    | 46.235 ug/ml   |
| 21) T n-Octatriacontane (C38)  | 20.867 | 3427218    | 43.008 ug/ml   |
| 22) T n-Tetracontane (C40)     | 21.795 | 3687606    | 46.003 ug/ml   |
| -----                          |        |            |                |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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