

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC111521AL\  
 Data File : FC056817.D  
 Signal(s) : FID1A.CH  
 Acq On : 16 Nov 2021 1:47  
 Operator : AJ\MA  
 Sample : M4674-03MSD  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 MF-SOIL-P2MSD

Manual Integrations  
 APPROVED

Reviewed By :Ankita Jodhani 11/16/2021  
 Supervised By :mohammad ahmed 11/16/2021

Integration File: autoint1.e  
 Quant Time: Nov 16 02:48:04 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 102121.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 21 01:00:25 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)    | 11.608 | 2756011    | 22.258 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 44.52%        |
| 12) S 1-chlorooctadecane (S... | 13.039 | 2269758    | 23.588 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 47.18%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.365  | 3725990    | 34.425 ug/ml  |
| 2) T n-Decane (C10)            | 4.436  | 4271245    | 39.652 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.026  | 4639661    | 38.055 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.455  | 4632535    | 42.023 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.084  | 4709598    | 38.458 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.251  | 4820647    | 42.939 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.849  | 4872722    | 42.860 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.290 | 4890377    | 41.849 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.598 | 4624223    | 40.236 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.208 | 4514832    | 39.286 ug/ml  |
| 13) T n-Docosane (C22)         | 13.792 | 4423844    | 39.293 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.891 | 8505318    | 77.178 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.911 | 4179559    | 39.600 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.857 | 4255525    | 41.026 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.743 | 4127835    | 39.841 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.570 | 4067017    | 42.449 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.348 | 3906411    | 44.538 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.086 | 3699188    | 45.194 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.820 | 3424403    | 42.818 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.732 | 3475620    | 42.185 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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