

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111521AL\
 Data File : FC056816.D
 Signal(s) : FID1A.CH
 Acq On : 16 Nov 2021 1:08
 Operator : AJ\MA
 Sample : M4674-03MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 MF-SOIL-P2MS

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 02:47:35 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)	11.609	2805118	22.655 ug/ml
Spiked Amount 50.000		Recovery =	45.31%
12) S 1-chlorooctadecane (S...	13.040	2315853	24.067 ug/ml
Spiked Amount 50.000		Recovery =	48.13%
Target Compounds			
1) T n-Nonane (C9)	3.365	3841415	35.492 ug/ml
2) T n-Decane (C10)	4.435	4394872	40.800 ug/ml
3) T A~Naphthalene (C11.7)	6.026	4753790	38.991 ug/ml
4) T n-Dodecane (C12)	6.455	4752242	43.109 ug/ml
5) T A~2-methylnaphthalene...	7.084	4800892	39.204 ug/ml
6) T n-Tetradecane (C14)	8.251	4926701	43.883 ug/ml
7) T n-Hexadecane (C16)	9.850	4973272	43.744 ug/ml
8) T n-Octadecane (C18)	11.290	4978438	42.603 ug/ml
10) T n-Eicosane (C20)	12.597	4697328	40.872 ug/ml
11) T n-Heneicosane (C21)	13.207	4584372	39.891 ug/ml
13) T n-Docosane (C22)	13.792	4491906	39.898 ug/ml
14) T n-Tetracosane (C24)	14.891	8671262	78.684 ug/ml
15) T n-Hexacosane (C26)	15.912	4272168	40.477 ug/ml
16) T n-Octacosane (C28)	16.855	4362162	42.054 ug/ml
17) T n-Tricontane (C30)	17.742	4264250	41.157 ug/ml
18) T n-Dotriacontane (C32)	18.569	4214133	43.985 ug/ml
19) T n-Tetratriacontane (C34)	19.349	4047928	46.152 ug/ml
20) T n-Hexatriacontane (C36)	20.087	3731023	45.583 ug/mlm
21) T n-Octatriacontane (C38)	20.820	3549013	44.376 ug/ml
22) T n-Tetracontane (C40)	21.733	3518618	42.707 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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