

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120721AL\
 Data File : FC057280.D
 Signal(s) : FID1A.CH
 Acq On : 08 Dec 2021 2:52
 Operator : AJ\MA
 Sample : M4949-02MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 VNJ-221-EPH-2MS

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 12/08/2021
 Supervised By :mohammad ahmed 12/08/2021

Integration File: sample.E
 Quant Time: Dec 08 04:29:55 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111921.M
 Quant Title : GC Extractables
 Qlast Update : Fri Nov 19 00:52:49 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)	11.583	4920936	42.405 ug/mlm
Spiked Amount 50.000		Recovery =	84.81%
12) S 1-chlorooctadecane (S...	13.015	3827841	42.047 ug/mlm
Spiked Amount 50.000		Recovery =	84.09%
Target Compounds			
1) T n-Nonane (C9)	3.350	3164678	31.231 ug/ml
2) T n-Decane (C10)	4.416	3644926	36.399 ug/ml
3) T A~Naphthalene (C11.7)	6.003	4344650	38.909 ug/ml
4) T n-Dodecane (C12)	6.432	4034161	39.788 ug/ml
5) T A~2-methylnaphthalene...	7.060	4487446	40.698 ug/ml
6) T n-Tetradecane (C14)	8.227	4389292	43.321 ug/ml
7) T n-Hexadecane (C16)	9.824	4768817	46.472 ug/ml
8) T n-Octadecane (C18)	11.265	4945901	46.164 ug/ml
10) T n-Eicosane (C20)	12.571	4839190	45.245 ug/mlm
11) T n-Heneicosane (C21)	13.182	4729602	43.674 ug/mlm
13) T n-Docosane (C22)	13.766	4673495	43.623 ug/mlm
14) T n-Tetracosane (C24)	14.866	9170742	84.714 ug/ml
15) T n-Hexacosane (C26)	15.886	4425350	41.546 ug/ml
16) T n-Octacosane (C28)	16.830	4339063	40.679 ug/mlm
17) T n-Tricontane (C30)	17.717	4254564	39.917 ug/ml
18) T n-Dotriacontane (C32)	18.544	4128539	39.141 ug/ml
19) T n-Tetratriacontane (C34)	19.324	3971895	38.233 ug/ml
20) T n-Hexatriacontane (C36)	20.057	3720083	36.830 ug/mlm
21) T n-Octatriacontane (C38)	20.788	3542519	38.591 ug/ml
22) T n-Tetracontane (C40)	21.691	3558744	39.505 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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