

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120621AL\
 Data File : FC057231.D
 Signal(s) : FID1A.CH
 Acq On : 06 Dec 2021 18:33
 Operator : AJ\MA
 Sample : M4939-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 OR-03-120321MSD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 12/07/2021
 Supervised By :mohammad ahmed 12/07/2021

Integration File: autoint1.e
 Quant Time: Dec 07 00:53:07 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)	11.593	4217785	36.346 ug/mlm
Spiked Amount 50.000		Recovery =	72.69%
12) S 1-chlorooctadecane (S...	13.025	3466135	38.074 ug/mlm
Spiked Amount 50.000		Recovery =	76.15%
Target Compounds			
1) T n-Nonane (C9)	3.354	2825871	27.887 ug/ml
2) T n-Decane (C10)	4.421	3190194	31.858 ug/ml
3) T A~Naphthalene (C11.7)	6.009	3963477	35.495 ug/ml
4) T n-Dodecane (C12)	6.437	3632323	35.825 ug/ml
5) T A~2-methylnaphthalene...	7.067	4031429	36.563 ug/ml
6) T n-Tetradecane (C14)	8.233	4149144	40.951 ug/ml
7) T n-Hexadecane (C16)	9.832	4369077	42.577 ug/ml
8) T n-Octadecane (C18)	11.273	4470569	41.727 ug/ml
10) T n-Eicosane (C20)	12.581	4510211	42.169 ug/ml
11) T n-Heneicosane (C21)	13.190	4206819	38.847 ug/mlm
13) T n-Docosane (C22)	13.777	4131632	38.565 ug/ml
14) T n-Tetracosane (C24)	14.878	8184412	75.603 ug/ml
15) T n-Hexacosane (C26)	15.898	4000864	37.561 ug/mlm
16) T n-Octacosane (C28)	16.846	4244064	39.788 ug/ml
17) T n-Tricontane (C30)	17.734	4052681	38.023 ug/mlm
18) T n-Dotriacontane (C32)	18.561	4232089	40.122 ug/ml
19) T n-Tetratriacontane (C34)	19.342	3957891	38.098 ug/ml
20) T n-Hexatriacontane (C36)	20.081	3499470	34.646 ug/mlm
21) T n-Octatriacontane (C38)	20.814	3844025	41.876 ug/mlm
22) T n-Tetracontane (C40)	21.725	3469261	38.511 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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