

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051622AL\
 Data File : FD042478.D
 Signal(s) : FID2B.CH
 Acq On : 16 May 2022 17:12
 Operator : UA/NP
 Sample : N2847-01MSD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PSC-124019MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/17/2022

Supervised By :mohammad ahmed 05/17/2022

Integration File: autoint1.e

Quant Time: May 16 20:49:48 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 042122.M

Quant Title : GC Extractables

QLast Update : Fri Apr 22 01:55:29 2022

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)	11.206	5266263	31.401 ug/ml
Spiked Amount 50.000		Recovery =	62.80%
12) S 1-chlorooctadecane (S...	12.643	3844041	29.131 ug/mlm
Spiked Amount 50.000		Recovery =	58.26%
Target Compounds			
1) T n-Nonane (C9)	3.078	3104893	22.779 ug/ml
2) T n-Decane (C10)	4.123	3926969	29.303 ug/ml
3) T A~Naphthalene (C11.7)	5.673	4732610	32.649 ug/ml
4) T n-Dodecane (C12)	6.117	4626573	32.498 ug/ml
5) T A~2-methylnaphthalene...	6.718	4952445	35.539 ug/ml
6) T n-Tetradecane (C14)	7.894	4938621	34.670 ug/ml
7) T n-Hexadecane (C16)	9.479	5069057	34.882 ug/ml
8) T n-Octadecane (C18)	10.909	5342414	35.646 ug/ml
10) T n-Eicosane (C20)	12.208	5103603	33.343 ug/ml
11) T n-Heneicosane (C21)	12.816	5060308	32.824 ug/ml
13) T n-Docosane (C22)	13.398	5001218	32.445 ug/ml
14) T n-Tetracosane (C24)	14.493	5307934	34.321 ug/ml
15) T n-Hexacosane (C26)	15.509	4697698	30.541 ug/ml
16) T n-Octacosane (C28)	16.452	4719767	30.870 ug/ml
17) T n-Tricontane (C30)	17.336	4299011	28.661 ug/ml
18) T n-Dotriacontane (C32)	18.162	4224306	29.875 ug/ml
19) T n-Tetratriacontane (C34)	18.940	3738606	29.051 ug/ml
20) T n-Hexatriacontane (C36)	19.675	3434619	30.352 ug/ml
21) T n-Octatriacontane (C38)	20.372	3193593	32.007 ug/ml
22) T n-Tetracontane (C40)	21.140	2930597	32.490 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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