

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042222AL\
 Data File : FC059382.D
 Signal(s) : FID1A.CH
 Acq On : 23 Apr 2022 7:24
 Operator : UA/NP
 Sample : N2487-02MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

UST-1-NMSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/25/2022

Supervised By :mohammad ahmed 04/25/2022

Integration File: sample.E

Quant Time: Apr 25 01:31:27 2022

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

Quant Title : GC Extractables

QLast Update : Thu Apr 21 17:30:29 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)	11.098	6109433	38.020 ug/ml
Spiked Amount 50.000		Recovery =	76.04%
12) S 1-chlorooctadecane (S...	12.542	5077122	38.880 ug/ml
Spiked Amount 50.000		Recovery =	77.76%
Target Compounds			
1) T n-Nonane (C9)	2.966	4154348	33.147 ug/ml
2) T n-Decane (C10)	4.005	4835381	38.704 ug/ml
3) T A~Naphthalene (C11.7)	5.550	5672736	46.245 ug/ml
4) T n-Dodecane (C12)	6.000	5855877	44.407 ug/ml
5) T A~2-methylnaphthalene...	6.598	6379710	50.550 ug/ml
6) T n-Tetradecane (C14)	7.784	6480789	47.912 ug/ml
7) T n-Hexadecane (C16)	9.373	6920450	49.276 ug/ml
8) T n-Octadecane (C18)	10.806	7529138	51.542 ug/ml
10) T n-Eicosane (C20)	12.108	7556545	50.387 ug/ml
11) T n-Heneicosane (C21)	12.717	7558091	49.688 ug/ml
13) T n-Docosane (C22)	13.300	7567987	49.392 ug/ml
14) T n-Tetracosane (C24)	14.397	8822175	56.975 ug/ml
15) T n-Hexacosane (C26)	15.414	7313410	47.453 ug/ml
16) T n-Octacosane (C28)	16.357	7304583	47.186 ug/ml
17) T n-Tricontane (C30)	17.242	6446388	42.442 ug/ml
18) T n-Dotriacontane (C32)	18.069	6125910	43.477 ug/ml
19) T n-Tetratriacontane (C34)	18.849	5385313	42.610 ug/ml
20) T n-Hexatriacontane (C36)	19.586	5017808	45.876 ug/ml
21) T n-Octatriacontane (C38)	20.282	4801839	51.560 ug/mlm
22) T n-Tetracontane (C40)	21.025	4718580	56.491 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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