

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051722AL\
 Data File : FC059812.D
 Signal(s) : FID1A.CH
 Acq On : 17 May 2022 20:18
 Operator : UA/NP
 Sample : N2859-02MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PE-E3MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/18/2022

Supervised By :mohammad ahmed 05/18/2022

Integration File: autoint1.e

Quant Time: May 18 00:04:43 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050522.M

Quant Title : GC Extractables

QLast Update : Mon May 09 11:12:42 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)	10.651	3547215	24.156 ug/ml
Spiked Amount 50.000		Recovery =	48.31%
12) S 1-chlorooctadecane (S...	12.021	2761386	23.995 ug/ml
Spiked Amount 50.000		Recovery =	47.99%
Target Compounds			
1) T n-Nonane (C9)	2.634	5384327	42.163 ug/ml
2) T n-Decane (C10)	3.629	6461686	51.021 ug/mlm
3) T A~Naphthalene (C11.7)	5.163	7897233	53.633 ug/ml
4) T n-Dodecane (C12)	5.582	7298763	55.500 ug/ml
5) T A~2-methylnaphthalene...	6.188	8102115	53.900 ug/ml
6) T n-Tetradecane (C14)	7.337	7683459	57.101 ug/ml
7) T n-Hexadecane (C16)	8.900	7864143	57.313 ug/ml
8) T n-Octadecane (C18)	10.310	8094679	58.739 ug/ml
10) T n-Eicosane (C20)	11.591	7576207	56.330 ug/ml
11) T n-Heneicosane (C21)	12.188	7417071	55.599 ug/ml
13) T n-Docosane (C22)	12.761	7241470	55.177 ug/ml
14) T n-Tetracosane (C24)	13.835	13560639	107.777 ug/ml
15) T n-Hexacosane (C26)	14.841	6666807	55.822 ug/ml
16) T n-Octacosane (C28)	15.765	6476332	56.887 ug/ml
17) T n-Tricontane (C30)	16.637	6179614	56.217 ug/ml
18) T n-Dotriacontane (C32)	17.447	6144921	59.439 ug/mlm
19) T n-Tetratriacontane (C34)	18.212	5598158	57.340 ug/mlm
20) T n-Hexatriacontane (C36)	18.932	5305380	57.149 ug/mlm
21) T n-Octatriacontane (C38)	19.617	5100508	53.580 ug/mlm
22) T n-Tetracontane (C40)	20.265	4948205	52.271 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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