

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052122AL\
 Data File : FC059847.D
 Signal(s) : FID1A.CH
 Acq On : 20 May 2022 15:50
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/21/2022
 Supervised By :Ankita Jodhani 05/23/2022

Integration File: sample.E
 Quant Time: May 20 23:04:01 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)	10.645	2696699	18.364 ug/ml
Spiked Amount 50.000		Recovery =	36.73%
12) S 1-chlorooctadecane (S...	12.016	2125595	18.471 ug/ml
Spiked Amount 50.000		Recovery =	36.94%
Target Compounds			
1) T n-Nonane (C9)	2.627	2341104	18.332 ug/ml
2) T n-Decane (C10)	3.625	2463775	19.454 ug/ml
3) T A~Naphthalene (C11.7)	5.160	2768349	18.801 ug/ml
4) T n-Dodecane (C12)	5.577	2565233	19.506 ug/ml
5) T A~2-methylnaphthalene...	6.183	2827188	18.808 ug/ml
6) T n-Tetradecane (C14)	7.328	2580535	19.178 ug/ml
7) T n-Hexadecane (C16)	8.892	2609343	19.017 ug/ml
8) T n-Octadecane (C18)	10.301	2592185	18.810 ug/ml
10) T n-Eicosane (C20)	11.581	2505749	18.631 ug/ml
11) T n-Heneicosane (C21)	12.179	2460285	18.442 ug/ml
13) T n-Docosane (C22)	12.752	2468462	18.809 ug/ml
14) T n-Tetracosane (C24)	13.830	2449618	19.469 ug/ml
15) T n-Hexacosane (C26)	14.828	2334873	19.550 ug/ml
16) T n-Octacosane (C28)	15.756	2397884	21.063 ug/ml
17) T n-Tricontane (C30)	16.623	2566718	23.350 ug/ml
18) T n-Dotriacontane (C32)	17.434	2523751	24.412 ug/mlm
19) T n-Tetratriacontane (C34)	18.201	2321972	23.783 ug/mlm
20) T n-Hexatriacontane (C36)	18.921	2037674	21.950 ug/mlm
21) T n-Octatriacontane (C38)	19.606	2049315	21.528 ug/mlm
22) T n-Tetracontane (C40)	20.255	1920329	20.286 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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