

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052522AL\
 Data File : FC059903.D
 Signal(s) : FID1A.CH
 Acq On : 24 May 2022 21:31
 Operator : UA/NP
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/25/2022
 Supervised By :Ankita Jodhani 05/25/2022

Integration File: sample.E
 Quant Time: May 25 01:52:39 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052522.M
 Quant Title : GC Extractables
 QLast Update : Wed May 25 01:51:23 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)	10.641	761940	4.906 ug/ml
Spiked Amount 50.000		Recovery =	9.81%
12) S 1-chlorooctadecane (S...	12.009	614285	4.934 ug/ml
Spiked Amount 50.000		Recovery =	9.87%
Target Compounds			
1) T n-Nonane (C9)	2.628	638963	4.962 ug/ml
2) T n-Decane (C10)	3.626	615814	4.807 ug/ml
3) T A~Naphthalene (C11.7)	5.168	677998	4.687 ug/ml
4) T n-Dodecane (C12)	5.577	651649	4.932 ug/ml
5) T A~2-methylnaphthalene...	6.189	719755	4.863 ug/mlm
6) T n-Tetradecane (C14)	7.326	664828	4.950 ug/ml
7) T n-Hexadecane (C16)	8.888	693045	5.015 ug/ml
8) T n-Octadecane (C18)	10.295	706967	4.991 ug/ml
10) T n-Eicosane (C20)	11.574	713117	5.018 ug/ml
11) T n-Heneicosane (C21)	12.171	710606	4.959 ug/ml
13) T n-Docosane (C22)	12.743	719902	5.001 ug/ml
14) T n-Tetracosane (C24)	13.820	721637	5.008 ug/ml
15) T n-Hexacosane (C26)	14.817	707601	4.968 ug/ml
16) T n-Octacosane (C28)	15.743	690487	4.973 ug/mlm
17) T n-Tricontane (C30)	16.610	665272	5.036 ug/mlm
18) T n-Dotriacontane (C32)	17.424	634400	5.302 ug/ml
19) T n-Tetratriacontane (C34)	18.188	518063	4.906 ug/ml
20) T n-Hexatriacontane (C36)	18.910	472463	4.958 ug/mlm
21) T n-Octatriacontane (C38)	19.593	449019	4.887 ug/ml
22) T n-Tetracontane (C40)	20.242	486377	5.155 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

