

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051322AL\
 Data File : FC059766.D
 Signal(s) : FID1A.CH
 Acq On : 14 May 2022 3:14
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/16/2022
 Supervised By :mohammad ahmed 05/16/2022

Integration File: sample.E
 Quant Time: May 14 03:58:34 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)	10.653	2844032	19.367 ug/ml
Spiked Amount 50.000		Recovery =	38.73%
12) S 1-chlorooctadecane (S...	12.024	2217314	19.268 ug/ml
Spiked Amount 50.000		Recovery =	38.54%
Target Compounds			
1) T n-Nonane (C9)	2.629	2696366	21.114 ug/ml
2) T n-Decane (C10)	3.629	2684771	21.199 ug/ml
3) T A~Naphthalene (C11.7)	5.167	3060766	20.787 ug/ml
4) T n-Dodecane (C12)	5.584	2773684	21.091 ug/ml
5) T A~2-methylnaphthalene...	6.190	3086407	20.532 ug/ml
6) T n-Tetradecane (C14)	7.336	2783458	20.686 ug/ml
7) T n-Hexadecane (C16)	8.900	2777350	20.241 ug/ml
8) T n-Octadecane (C18)	10.310	2730667	19.815 ug/ml
10) T n-Eicosane (C20)	11.588	2612681	19.426 ug/ml
11) T n-Heneicosane (C21)	12.187	2564648	19.225 ug/ml
13) T n-Docosane (C22)	12.759	2514071	19.156 ug/ml
14) T n-Tetracosane (C24)	13.836	2484442	19.746 ug/ml
15) T n-Hexacosane (C26)	14.834	2314550	19.380 ug/ml
16) T n-Octacosane (C28)	15.761	2253870	19.798 ug/ml
17) T n-Tricontane (C30)	16.628	2211971	20.123 ug/ml
18) T n-Dotriacontane (C32)	17.439	2111754	20.427 ug/mlm
19) T n-Tetratriacontane (C34)	18.206	2062872	21.129 ug/mlm
20) T n-Hexatriacontane (C36)	18.927	1937574	20.871 ug/mlm
21) T n-Octatriacontane (C38)	19.614	2140349	22.484 ug/mlm
22) T n-Tetracontane (C40)	20.262	2031878	21.464 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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