

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051722AL\
 Data File : FC059818.D
 Signal(s) : FID1A.CH
 Acq On : 18 May 2022 00:12
 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 05/18/2022
 Supervised By :mohammad ahmed 05/18/2022

Integration File: autoint1.e
 Quant Time: May 18 02:14:47 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)	10.649	2812053	19.150 ug/ml
Spiked Amount 50.000		Recovery =	38.30%
12) S 1-chlorooctadecane (S...	12.019	2197151	19.092 ug/ml
Spiked Amount 50.000		Recovery =	38.18%
Target Compounds			
1) T n-Nonane (C9)	2.626	2519809	19.732 ug/ml
2) T n-Decane (C10)	3.626	2625330	20.730 ug/ml
3) T A~Naphthalene (C11.7)	5.162	2963911	20.129 ug/ml
4) T n-Dodecane (C12)	5.579	2724096	20.714 ug/ml
5) T A~2-methylnaphthalene...	6.186	3008542	20.014 ug/ml
6) T n-Tetradecane (C14)	7.331	2748165	20.424 ug/ml
7) T n-Hexadecane (C16)	8.895	2756655	20.090 ug/ml
8) T n-Octadecane (C18)	10.304	2715747	19.707 ug/ml
10) T n-Eicosane (C20)	11.584	2600114	19.332 ug/ml
11) T n-Heneicosane (C21)	12.182	2554050	19.145 ug/ml
13) T n-Docosane (C22)	12.755	2547842	19.413 ug/ml
14) T n-Tetracosane (C24)	13.832	2518646	20.018 ug/ml
15) T n-Hexacosane (C26)	14.830	2389033	20.004 ug/ml
16) T n-Octacosane (C28)	15.758	2441720	21.448 ug/ml
17) T n-Tricontane (C30)	16.626	2601969	23.671 ug/ml
18) T n-Dotriacontane (C32)	17.440	2561849	24.780 ug/mlm
19) T n-Tetratriacontane (C34)	18.205	2327767	23.842 ug/mlm
20) T n-Hexatriacontane (C36)	18.927	2103760	22.662 ug/mlm
21) T n-Octatriacontane (C38)	19.610	2009256	21.107 ug/mlm
22) T n-Tetracontane (C40)	20.255	1962827	20.735 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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