

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061822AL\
 Data File : FC060322.D
 Signal(s) : FID1A.CH
 Acq On : 18 Jun 2022 16:01
 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 06/20/2022
 Supervised By :Ankita Jodhani 06/20/2022

Integration File: autoint1.e
 Quant Time: Jun 20 00:58:38 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 08:22:04 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)	10.647	2931765	18.839 ug/ml
Spiked Amount 50.000		Recovery =	37.68%
12) S 1-chlorooctadecane (S...	12.017	2323631	18.741 ug/ml
Spiked Amount 50.000		Recovery =	37.48%
Target Compounds			
1) T n-Nonane (C9)	2.620	2615559	20.436 ug/ml
2) T n-Decane (C10)	3.619	2624398	20.514 ug/ml
3) T A~Naphthalene (C11.7)	5.159	2954450	20.440 ug/ml
4) T n-Dodecane (C12)	5.574	2736717	20.530 ug/ml
5) T A~2-methylnaphthalene...	6.184	2973319	20.259 ug/ml
6) T n-Tetradecane (C14)	7.327	2784770	20.399 ug/ml
7) T n-Hexadecane (C16)	8.891	2815496	20.067 ug/ml
8) T n-Octadecane (C18)	10.301	2805782	19.606 ug/ml
10) T n-Eicosane (C20)	11.581	2722889	19.085 ug/ml
11) T n-Heneicosane (C21)	12.180	2700004	18.837 ug/ml
13) T n-Docosane (C22)	12.752	2646418	18.572 ug/ml
14) T n-Tetracosane (C24)	13.832	2540956	18.107 ug/ml
15) T n-Hexacosane (C26)	14.830	2415487	17.838 ug/ml
16) T n-Octacosane (C28)	15.760	2360622	18.126 ug/ml
17) T n-Tricontane (C30)	16.628	2366364	19.329 ug/ml
18) T n-Dotriacontane (C32)	17.442	2319862	20.807 ug/mlm
19) T n-Tetratriacontane (C34)	18.207	2179542	21.369 ug/ml
20) T n-Hexatriacontane (C36)	18.929	2037565	21.516 ug/ml
21) T n-Octatriacontane (C38)	19.614	2023038	21.927 ug/ml
22) T n-Tetracontane (C40)	20.263	2018221	21.451 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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