

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060322AL\
 Data File : FC060081.D
 Signal(s) : FID1A.CH
 Acq On : 03 Jun 2022 10:41
 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 06/06/2022
 Supervised By :Ankita Jodhani 06/06/2022

Integration File: autoint1.e
 Quant Time: Jun 03 23:33:01 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)	10.649	3167680	20.355 ug/ml
Spiked Amount 50.000		Recovery =	40.71%
12) S 1-chlorooctadecane (S...	12.018	2528902	20.396 ug/ml
Spiked Amount 50.000		Recovery =	40.79%
Target Compounds			
1) T n-Nonane (C9)	2.631	2667767	20.844 ug/ml
2) T n-Decane (C10)	3.629	2705165	21.145 ug/ml
3) T A~Naphthalene (C11.7)	5.165	3159455	21.859 ug/ml
4) T n-Dodecane (C12)	5.580	2841608	21.317 ug/ml
5) T A~2-methylnaphthalene...	6.189	3205308	21.839 ug/ml
6) T n-Tetradecane (C14)	7.331	2879940	21.096 ug/ml
7) T n-Hexadecane (C16)	8.894	2949116	21.019 ug/ml
8) T n-Octadecane (C18)	10.303	2972841	20.773 ug/ml
10) T n-Eicosane (C20)	11.583	2959681	20.745 ug/ml
11) T n-Heneicosane (C21)	12.181	2925307	20.408 ug/ml
13) T n-Docosane (C22)	12.753	2922019	20.506 ug/ml
14) T n-Tetracosane (C24)	13.831	2839024	20.231 ug/ml
15) T n-Hexacosane (C26)	14.829	2716404	20.060 ug/ml
16) T n-Octacosane (C28)	15.756	2624821	20.154 ug/ml
17) T n-Tricontane (C30)	16.623	2564645	20.949 ug/ml
18) T n-Dotriacontane (C32)	17.438	2396388	21.493 ug/mlm
19) T n-Tetratriacontane (C34)	18.199	2189219	21.464 ug/mlm
20) T n-Hexatriacontane (C36)	18.921	2052402	21.673 ug/mlm
21) T n-Octatriacontane (C38)	19.604	1980066	21.461 ug/mlm
22) T n-Tetracontane (C40)	20.254	2047423	21.761 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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