

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031022AL\
 Data File : FC058669.D
 Signal(s) : FID1A.CH
 Acq On : 10 Mar 2022 14:25
 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 03/11/2022
 Supervised By :Ankita Jodhani 03/11/2022

Integration File: sample.E
 Quant Time: Mar 11 01:22:48 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:15:11 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)	11.396	2593132	17.804 ug/ml
Spiked Amount 50.000		Recovery =	35.61%
12) S 1-chlorooctadecane (S...	12.828	1970549	17.385 ug/ml
Spiked Amount 50.000		Recovery =	34.77%
Target Compounds			
1) T n-Nonane (C9)	3.250	2392157	19.893 ug/ml
2) T n-Decane (C10)	4.300	2380200	20.002 ug/ml
3) T A~Naphthalene (C11.7)	5.862	2526904	19.470 ug/ml
4) T n-Dodecane (C12)	6.295	2454226	19.950 ug/ml
5) T A~2-methylnaphthalene...	6.907	2529244	19.400 ug/ml
6) T n-Tetradecane (C14)	8.073	2468202	19.697 ug/ml
7) T n-Hexadecane (C16)	9.659	2459883	19.102 ug/ml
8) T n-Octadecane (C18)	11.090	2434963	18.504 ug/ml
10) T n-Eicosane (C20)	12.390	2352838	17.893 ug/ml
11) T n-Heneicosane (C21)	12.997	2340908	17.713 ug/ml
13) T n-Docosane (C22)	13.579	2290489	17.569 ug/ml
14) T n-Tetracosane (C24)	14.674	2207504	17.095 ug/ml
15) T n-Hexacosane (C26)	15.689	2136804	17.274 ug/ml
16) T n-Octacosane (C28)	16.635	2094226	17.594 ug/ml
17) T n-Tricontane (C30)	17.516	2087340	18.544 ug/ml
18) T n-Dotriacontane (C32)	18.345	2028979	18.869 ug/mlm
19) T n-Tetratriacontane (C34)	19.125	1915453	19.769 ug/ml
20) T n-Hexatriacontane (C36)	19.861	2020526	22.396 ug/ml
21) T n-Octatriacontane (C38)	20.565	2047897	23.533 ug/mlm
22) T n-Tetracontane (C40)	21.391	1857733	22.138 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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