

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030922AL\
 Data File : FC058633.D
 Signal(s) : FID1A.CH
 Acq On : 09 Mar 2022 10:18
 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 03/10/2022
 Supervised By :Ankita Jodhani 03/10/2022

Integration File: autoint1.e
 Quant Time: Mar 10 01:41:50 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)	11.398	2548667	17.498 ug/ml
Spiked Amount 50.000		Recovery =	35.00%
12) S 1-chlorooctadecane (S...	12.830	1954107	17.239 ug/ml
Spiked Amount 50.000		Recovery =	34.48%
Target Compounds			
1) T n-Nonane (C9)	3.254	2318726	19.282 ug/ml
2) T n-Decane (C10)	4.304	2309515	19.408 ug/ml
3) T A~Naphthalene (C11.7)	5.864	2462490	18.974 ug/ml
4) T n-Dodecane (C12)	6.297	2401776	19.524 ug/ml
5) T A~2-methylnaphthalene...	6.909	2485654	19.066 ug/ml
6) T n-Tetradecane (C14)	8.075	2400758	19.159 ug/ml
7) T n-Hexadecane (C16)	9.661	2413391	18.740 ug/ml
8) T n-Octadecane (C18)	11.092	2390633	18.167 ug/ml
10) T n-Eicosane (C20)	12.391	2345554	17.837 ug/ml
11) T n-Heneicosane (C21)	12.998	2303418	17.429 ug/ml
13) T n-Docosane (C22)	13.581	2293259	17.590 ug/ml
14) T n-Tetracosane (C24)	14.676	2285823	17.701 ug/ml
15) T n-Hexacosane (C26)	15.691	2195012	17.745 ug/ml
16) T n-Octacosane (C28)	16.636	2200672	18.488 ug/mlm
17) T n-Tricontane (C30)	17.518	2202124	19.563 ug/ml
18) T n-Dotriacontane (C32)	18.347	2119460	19.710 ug/ml
19) T n-Tetratriacontane (C34)	19.126	1977627	20.411 ug/ml
20) T n-Hexatriacontane (C36)	19.863	1822528	20.202 ug/ml
21) T n-Octatriacontane (C38)	20.568	1757555	20.196 ug/ml
22) T n-Tetracontane (C40)	21.394	1732205	20.642 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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