

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010621AL\
 Data File : FC051600.D
 Signal(s) : FID1A.CH
 Acq On : 07 Jan 2021 3:18
 Operator : DD\AJ
 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

Ankita
 1/7/2021 2:07:26 PM

Integration File: autoint1.e
 Quant Time: Jan 07 04:38:20 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 122120.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 22 00:33:00 2020
 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)	11.555	2207607	19.047 ug/ml
Spiked Amount 50.000		Recovery =	38.09%
12) S 1-chlorooctadecane (S...	12.989	1691771	18.754 ug/ml
Spiked Amount 50.000		Recovery =	37.51%
Target Compounds			
1) T n-Nonane (C9)	3.320	2067959	20.961 ug/ml
2) T n-Decane (C10)	4.387	2089600	21.132 ug/ml
3) T A~Naphthalene (C11.7)	5.977	2138653	20.449 ug/ml
4) T n-Dodecane (C12)	6.404	2144586	20.978 ug/ml
5) T A~2-methylnaphthalene...	7.035	2148327	20.452 ug/ml
6) T n-Tetradecane (C14)	8.197	2098618	20.688 ug/ml
7) T n-Hexadecane (C16)	9.797	2033097	20.186 ug/ml
8) T n-Octadecane (C18)	11.237	2093645	19.630 ug/ml
10) T n-Eicosane (C20)	12.545	2068253	19.206 ug/ml
11) T n-Heneicosane (C21)	13.155	2021234	18.844 ug/ml
13) T n-Docosane (C22)	13.741	1992555	18.658 ug/ml
14) T n-Tetracosane (C24)	14.842	1977469	18.683 ug/ml
15) T n-Hexacosane (C26)	15.861	1927110	18.606 ug/ml
16) T n-Octacosane (C28)	16.809	1931099	18.967 ug/ml
17) T n-Tricontane (C30)	17.695	1926963	19.567 ug/ml
18) T n-Dotriacontane (C32)	18.525	1880831	20.760 ug/ml
19) T n-Tetratriacontane (C34)	19.308	1802453	21.206 ug/ml
20) T n-Hexatriacontane (C36)	20.045	1677979	19.789 ug/mlm
21) T n-Octatriacontane (C38)	20.776	1602723	20.934 ug/ml
22) T n-Tetracontane (C40)	21.680	1764055	22.307 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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