

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010421AL\
 Data File : FC051529.D
 Signal(s) : FID1A.CH
 Acq On : 04 Jan 2021 9:58
 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
 1/5/2021 11:11:17 AM

Integration File: autoint1.e
 Quant Time: Jan 04 14:14:38 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)	11.566	2264982	19.542 ug/ml
Spiked Amount 50.000		Recovery =	39.08%
12) S 1-chlorooctadecane (S...	12.999	1752963	19.432 ug/ml
Spiked Amount 50.000		Recovery =	38.86%
Target Compounds			
1) T n-Nonane (C9)	3.325	2150194	21.794 ug/ml
2) T n-Decane (C10)	4.392	2154822	21.792 ug/ml
3) T A~Naphthalene (C11.7)	5.984	2254694	21.559 ug/ml
4) T n-Dodecane (C12)	6.411	2210100	21.619 ug/ml
5) T A~2-methylnaphthalene...	7.041	2254877	21.466 ug/ml
6) T n-Tetradecane (C14)	8.205	2176402	21.455 ug/ml
7) T n-Hexadecane (C16)	9.805	2105728	20.908 ug/ml
8) T n-Octadecane (C18)	11.246	2161922	20.270 ug/ml
10) T n-Eicosane (C20)	12.554	2127730	19.758 ug/ml
11) T n-Heneicosane (C21)	13.166	2098228	19.562 ug/ml
13) T n-Docosane (C22)	13.751	2061329	19.302 ug/ml
14) T n-Tetracosane (C24)	14.854	2004655	18.940 ug/ml
15) T n-Hexacosane (C26)	15.873	1943089	18.760 ug/ml
16) T n-Octacosane (C28)	16.821	1931380	18.970 ug/ml
17) T n-Tricontane (C30)	17.707	1910398	19.399 ug/ml
18) T n-Dotriacontane (C32)	18.538	1817752	20.064 ug/mlm
19) T n-Tetratriacontane (C34)	19.322	1750441	20.594 ug/mlm
20) T n-Hexatriacontane (C36)	20.060	1707983	20.143 ug/mlm
21) T n-Octatriacontane (C38)	20.791	1696242	22.156 ug/mlm
22) T n-Tetracontane (C40)	21.699	1775876	22.457 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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