

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010521AL\
 Data File : FC051577.D
 Signal(s) : FID1A.CH
 Acq On : 06 Jan 2021 8:03
 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
 1/6/2021 12:12:36 PM

Integration File: autoint1.e
 Quant Time: Jan 06 09:01:25 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)	11.557	2256604	19.470 ug/ml
Spiked Amount 50.000		Recovery =	38.94%
12) S 1-chlorooctadecane (S...	12.991	1741569	19.306 ug/ml
Spiked Amount 50.000		Recovery =	38.61%
Target Compounds			
1) T n-Nonane (C9)	3.318	2097172	21.257 ug/ml
2) T n-Decane (C10)	4.385	2141261	21.655 ug/ml
3) T A~Naphthalene (C11.7)	5.976	2355095	22.519 ug/ml
4) T n-Dodecane (C12)	6.402	2204611	21.565 ug/ml
5) T A~2-methylnaphthalene...	7.033	2406091	22.906 ug/ml
6) T n-Tetradecane (C14)	8.198	2192029	21.609 ug/ml
7) T n-Hexadecane (C16)	9.797	2093827	20.789 ug/ml
8) T n-Octadecane (C18)	11.238	2220176	20.817 ug/ml
10) T n-Eicosane (C20)	12.547	2142555	19.896 ug/ml
11) T n-Heneicosane (C21)	13.158	2120471	19.769 ug/ml
13) T n-Docosane (C22)	13.743	2076566	19.445 ug/ml
14) T n-Tetracosane (C24)	14.845	2084746	19.697 ug/ml
15) T n-Hexacosane (C26)	15.865	1999631	19.306 ug/ml
16) T n-Octacosane (C28)	16.813	1962763	19.278 ug/ml
17) T n-Tricontane (C30)	17.699	1945277	19.753 ug/ml
18) T n-Dotriacontane (C32)	18.528	1843739	20.351 ug/ml
19) T n-Tetratriacontane (C34)	19.312	1736833	20.434 ug/mlm
20) T n-Hexatriacontane (C36)	20.050	1697643	20.021 ug/mlm
21) T n-Octatriacontane (C38)	20.778	1597449	20.865 ug/mlm
22) T n-Tetracontane (C40)	21.685	1671830	21.141 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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