

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080521AL\
 Data File : FC055023.D
 Signal(s) : FID1A.CH
 Acq On : 05 Aug 2021 11:21
 Operator : AJ\MA
 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

mohammad
 8/6/2021 3:10:07 PM

Integration File: autoint1.e
 Quant Time: Aug 05 22:51:17 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 02:08:31 2021
 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)	11.304	2520289	20.018 ug/ml
Spiked Amount 50.000		Recovery =	40.04%
12) S 1-chlorooctadecane (S...	12.745	1955458	19.731 ug/ml
Spiked Amount 50.000		Recovery =	39.46%
Target Compounds			
1) T n-Nonane (C9)	3.139	2228827	21.315 ug/ml
2) T n-Decane (C10)	4.189	2292081	21.766 ug/ml
3) T A~Naphthalene (C11.7)	5.754	2407253	22.154 ug/ml
4) T n-Dodecane (C12)	6.191	2359128	21.725 ug/ml
5) T A~2-methylnaphthalene...	6.804	2423948	22.210 ug/ml
6) T n-Tetradecane (C14)	7.975	2415288	21.635 ug/ml
7) T n-Hexadecane (C16)	9.567	2407850	21.112 ug/ml
8) T n-Octadecane (C18)	11.001	2433111	20.633 ug/ml
10) T n-Eicosane (C20)	12.305	2350212	20.018 ug/ml
11) T n-Heneicosane (C21)	12.914	2342212	19.836 ug/ml
13) T n-Docosane (C22)	13.499	2276835	19.494 ug/ml
14) T n-Tetracosane (C24)	14.598	2240185	19.354 ug/ml
15) T n-Hexacosane (C26)	15.615	2115797	18.879 ug/ml
16) T n-Octacosane (C28)	16.562	2050976	18.890 ug/ml
17) T n-Tricontane (C30)	17.447	2007153	19.224 ug/ml
18) T n-Dotriacontane (C32)	18.278	1911119	19.298 ug/ml
19) T n-Tetratriacontane (C34)	19.059	1881637	19.853 ug/ml
20) T n-Hexatriacontane (C36)	19.797	1813841	20.072 ug/ml
21) T n-Octatriacontane (C38)	20.499	1831190	21.193 ug/mlm
22) T n-Tetracontane (C40)	21.305	1891675	21.242 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

