

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020420AL\
 Data File : FC045679.D
 Signal(s) : FID1A.CH
 Acq On : 05 Feb 2020 4:03
 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

mohammad
 2/5/2020 2:11:52 PM

Integration File: autoint1.e
 Quant Time: Feb 05 08:13:15 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 012120.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 22 04:15:47 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)	11.766	2221768	20.211 ug/ml
Spiked Amount 50.000		Recovery =	40.42%
12) S 1-chlorooctadecane (S...	13.187	1709983	19.667 ug/ml
Spiked Amount 50.000		Recovery =	39.33%
Target Compounds			
1) T n-Nonane (C9)	3.519	2202977	22.776 ug/ml
2) T n-Decane (C10)	4.595	2233273	23.059 ug/ml
3) T A~Naphthalene (C11.7)	6.200	2393191	22.407 ug/ml
4) T n-Dodecane (C12)	6.612	2231626	22.827 ug/ml
5) T A~2-methylnaphthalene...	7.254	2401905	22.407 ug/ml
6) T n-Tetradecane (C14)	8.401	2195715	22.282 ug/ml
7) T n-Hexadecane (C16)	9.997	2159249	21.568 ug/ml
8) T n-Octadecane (C18)	11.435	2123538	20.849 ug/ml
10) T n-Eicosane (C20)	12.740	2067871	20.164 ug/ml
11) T n-Heneicosane (C21)	13.350	2044102	19.748 ug/ml
13) T n-Docosane (C22)	13.935	2004950	19.432 ug/ml
14) T n-Tetracosane (C24)	15.035	1964607	18.906 ug/ml
15) T n-Hexacosane (C26)	16.055	1916234	18.548 ug/ml
16) T n-Octacosane (C28)	17.001	1891921	18.510 ug/ml
17) T n-Tricontane (C30)	17.887	1844226	18.786 ug/ml
18) T n-Dotriacontane (C32)	18.715	1598083	19.205 ug/ml
19) T n-Tetratriacontane (C34)	19.497	1376213	19.447 ug/ml
20) T n-Hexatriacontane (C36)	20.233	1287124	20.074 ug/mlm
21) T n-Octatriacontane (C38)	21.003	1275304	21.804 ug/ml
22) T n-Tetracontane (C40)	21.972	1152948	19.544 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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