

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082420AL\
 Data File : FC049165.D
 Signal(s) : FID1A.CH
 Acq On : 24 Aug 2020 10:35
 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
 8/25/2020 3:21:30 PM

Integration File: autoint1.e
 Quant Time: Aug 25 02:53:02 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080720.M
 Quant Title : GC Extractables
 QLast Update : Sat Aug 08 02:38:47 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)	11.680	2500429	21.045 ug/ml
Spiked Amount 50.000		Recovery =	42.09%
12) S 1-chlorooctadecane (S...	13.112	2032466	20.893 ug/ml
Spiked Amount 50.000		Recovery =	41.79%
Target Compounds			
1) T n-Nonane (C9)	3.409	2254369	21.615 ug/ml
2) T n-Decane (C10)	4.485	2305069	21.977 ug/ml
3) T A~Naphthalene (C11.7)	6.084	2616406	22.123 ug/ml
4) T n-Dodecane (C12)	6.511	2354810	22.201 ug/ml
5) T A~2-methylnaphthalene...	7.145	2680361	22.231 ug/ml
6) T n-Tetradecane (C14)	8.311	2372868	22.533 ug/ml
7) T n-Hexadecane (C16)	9.914	2328065	22.180 ug/ml
8) T n-Octadecane (C18)	11.357	2410440	21.941 ug/ml
10) T n-Eicosane (C20)	12.667	2394295	21.516 ug/ml
11) T n-Heneicosane (C21)	13.278	2351277	21.048 ug/ml
13) T n-Docosane (C22)	13.865	2354962	20.951 ug/ml
14) T n-Tetracosane (C24)	14.967	2331471	20.508 ug/ml
15) T n-Hexacosane (C26)	15.987	2349383	20.533 ug/ml
16) T n-Octacosane (C28)	16.935	2320553	19.946 ug/ml
17) T n-Tricontane (C30)	17.822	2155471	18.646 ug/ml
18) T n-Dotriacontane (C32)	18.652	1907567	17.642 ug/ml
19) T n-Tetratriacontane (C34)	19.435	1768516	17.051 ug/mlm
20) T n-Hexatriacontane (C36)	20.173	1727766	17.377 ug/mlm
21) T n-Octatriacontane (C38)	20.927	1594842	16.866 ug/ml
22) T n-Tetracontane (C40)	21.880	1678918	17.587 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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