

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090922AL\
 Data File : FC061465.D
 Signal(s) : FID1A.ch
 Acq On : 09 Sep 2022 11:01
 Operator : YP/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

Reviewed By :Yogesh Patel 09/12/2022
 Supervised By :Ankita Jodhani 09/12/2022

Integration File: autoint1.e
 Quant Time: Sep 12 03:02:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082222.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 31 11:58:37 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.574	3039004	17.167 ug/ml
Spiked Amount 50.000		Recovery =	34.33%
12) S 1-chlorooctadecane (S...	13.011	2393360	17.089 ug/ml
Spiked Amount 50.000		Recovery =	34.18%
Target Compounds			
1) T n-Nonane (C9)	3.333	2771756	18.333 ug/ml
2) T n-Decane (C10)	4.400	2883612	19.004 ug/ml
3) T A~Naphthalene (C11.7)	5.983	3222538	18.616 ug/ml
4) T n-Dodecane (C12)	6.417	2913887	18.815 ug/ml
5) T A~2-methylnaphthalene...	7.040	3252539	18.472 ug/ml
6) T n-Tetradecane (C14)	8.214	2905876	18.578 ug/ml
7) T n-Hexadecane (C16)	9.816	2876042	18.362 ug/ml
8) T n-Octadecane (C18)	11.258	2840852	18.007 ug/ml
10) T n-Eicosane (C20)	12.567	2738252	17.614 ug/ml
11) T n-Heneicosane (C21)	13.179	2688470	17.188 ug/ml
13) T n-Docosane (C22)	13.765	2668969	17.199 ug/ml
14) T n-Tetracosane (C24)	14.867	2662850	17.213 ug/ml
15) T n-Hexacosane (C26)	15.887	2575931	17.115 ug/ml
16) T n-Octacosane (C28)	16.836	2622789	17.757 ug/ml
17) T n-Tricontane (C30)	17.723	2722823	19.714 ug/ml
18) T n-Dotriacontane (C32)	18.555	2397866	21.845 ug/ml
19) T n-Tetratriacontane (C34)	19.338	1792585	23.224 ug/ml
20) T n-Hexatriacontane (C36)	20.075	1370361	24.272 ug/mlm
21) T n-Octatriacontane (C38)	20.808	1117217	24.082 ug/ml
22) T n-Tetracontane (C40)	21.719	974667	23.237 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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