

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101222AL\
 Data File : FC061797.D
 Signal(s) : FID1A.ch
 Acq On : 14 Oct 2022 02:31
 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 10/14/2022
 Supervised By :Ankita Jodhani 10/14/2022

Integration File: autoint1.e
 Quant Time: Oct 14 04:52:32 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092022.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 20 18:33:32 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)	11.590	2841539	16.627 ug/ml
Spiked Amount 50.000		Recovery =	33.25%
12) S 1-chlorooctadecane (S...	13.028	2239339	16.392 ug/ml
Spiked Amount 50.000		Recovery =	32.78%
Target Compounds			
1) T n-Nonane (C9)	3.346	2665032	17.854 ug/ml
2) T n-Decane (C10)	4.414	2785399	18.466 ug/ml
3) T A~Naphthalene (C11.7)	6.000	2974531	17.937 ug/ml
4) T n-Dodecane (C12)	6.431	2825031	18.578 ug/ml
5) T A~2-methylnaphthalene...	7.056	2946638	17.913 ug/ml
6) T n-Tetradecane (C14)	8.228	2820318	18.499 ug/ml
7) T n-Hexadecane (C16)	9.830	2815305	18.207 ug/ml
8) T n-Octadecane (C18)	11.272	2796558	17.740 ug/ml
10) T n-Eicosane (C20)	12.583	2732010	17.144 ug/ml
11) T n-Heneicosane (C21)	13.195	2661798	16.591 ug/ml
13) T n-Docosane (C22)	13.782	2690231	16.745 ug/ml
14) T n-Tetracosane (C24)	14.885	2680339	16.732 ug/ml
15) T n-Hexacosane (C26)	15.906	2665299	16.813 ug/ml
16) T n-Octacosane (C28)	16.856	2720318	17.551 ug/ml
17) T n-Tricontane (C30)	17.744	2951106	19.177 ug/ml
18) T n-Dotriacontane (C32)	18.577	2979837	19.707 ug/ml
19) T n-Tetratriacontane (C34)	19.360	2699538	19.039 ug/ml
20) T n-Hexatriacontane (C36)	20.098	2462912	17.840 ug/mlm
21) T n-Octatriacontane (C38)	20.839	2455084	18.957 ug/mlm
22) T n-Tetracontane (C40)	21.757	2315171	18.945 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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