

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101122AL\
 Data File : FC061763.D
 Signal(s) : FID1A.ch
 Acq On : 12 Oct 2022 00:57
 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 10/12/2022
 Supervised By :Ankita Jodhani 10/13/2022

Integration File: autoint1.e
 Quant Time: Oct 12 06:20:25 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)	11.587	3319545	19.424 ug/ml
Spiked Amount 50.000		Recovery =	38.85%
12) S 1-chlorooctadecane (S...	13.024	2633131	19.275 ug/ml
Spiked Amount 50.000		Recovery =	38.55%
Target Compounds			
1) T n-Nonane (C9)	3.348	3019848	20.231 ug/ml
2) T n-Decane (C10)	4.414	3130240	20.752 ug/ml
3) T A~Naphthalene (C11.7)	5.999	3386529	20.421 ug/ml
4) T n-Dodecane (C12)	6.429	3181010	20.919 ug/ml
5) T A~2-methylnaphthalene...	7.054	3332727	20.260 ug/ml
6) T n-Tetradecane (C14)	8.226	3198678	20.981 ug/ml
7) T n-Hexadecane (C16)	9.828	3220006	20.824 ug/ml
8) T n-Octadecane (C18)	11.270	3228854	20.482 ug/ml
10) T n-Eicosane (C20)	12.580	3190722	20.023 ug/ml
11) T n-Heneicosane (C21)	13.191	3122290	19.461 ug/ml
13) T n-Docosane (C22)	13.778	3165239	19.701 ug/ml
14) T n-Tetracosane (C24)	14.881	3158042	19.714 ug/ml
15) T n-Hexacosane (C26)	15.901	3122290	19.696 ug/ml
16) T n-Octacosane (C28)	16.851	3117960	20.116 ug/ml
17) T n-Tricontane (C30)	17.739	3262594	21.201 ug/ml
18) T n-Dotriacontane (C32)	18.570	3233392	21.384 ug/ml
19) T n-Tetratriacontane (C34)	19.354	2855929	20.142 ug/ml
20) T n-Hexatriacontane (C36)	20.093	2723895	19.730 ug/ml
21) T n-Octatriacontane (C38)	20.830	2619231	20.225 ug/mlm
22) T n-Tetracontane (C40)	21.741	2510815	20.546 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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