

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092922AL\
 Data File : FC061671.D
 Signal(s) : FID1A.ch
 Acq On : 29 Sep 2022 10:09
 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 09/30/2022
 Supervised By :Ankita Jodhani 09/30/2022

Integration File: autoint1.e
 Quant Time: Sep 29 17:59:38 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)	11.574	3047648	17.833 ug/ml
Spiked Amount 50.000		Recovery =	35.67%
12) S 1-chlorooctadecane (S...	13.014	2353519	17.228 ug/ml
Spiked Amount 50.000		Recovery =	34.46%
Target Compounds			
1) T n-Nonane (C9)	3.332	2871229	19.235 ug/ml
2) T n-Decane (C10)	4.399	2941147	19.498 ug/ml
3) T A~Naphthalene (C11.7)	5.983	3221706	19.427 ug/ml
4) T n-Dodecane (C12)	6.416	2958274	19.455 ug/ml
5) T A~2-methylnaphthalene...	7.040	3186878	19.374 ug/ml
6) T n-Tetradecane (C14)	8.213	2952125	19.363 ug/ml
7) T n-Hexadecane (C16)	9.815	2927907	18.935 ug/ml
8) T n-Octadecane (C18)	11.258	2889374	18.328 ug/ml
10) T n-Eicosane (C20)	12.568	2810815	17.639 ug/ml
11) T n-Heneicosane (C21)	13.181	2768663	17.257 ug/ml
13) T n-Docosane (C22)	13.768	2730241	16.994 ug/ml
14) T n-Tetracosane (C24)	14.871	2633488	16.440 ug/ml
15) T n-Hexacosane (C26)	15.893	2526624	15.938 ug/ml
16) T n-Octacosane (C28)	16.843	2465188	15.905 ug/ml
17) T n-Tricontane (C30)	17.731	2564462	16.664 ug/ml
18) T n-Dotriacontane (C32)	18.563	2611750	17.273 ug/ml
19) T n-Tetratriacontane (C34)	19.348	2430248	17.140 ug/ml
20) T n-Hexatriacontane (C36)	20.087	2405460	17.424 ug/ml
21) T n-Octatriacontane (C38)	20.822	2330154	17.993 ug/mlm
22) T n-Tetracontane (C40)	21.736	2177113	17.815 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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