

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092922AL\
 Data File : FC061677.D
 Signal(s) : FID1A.ch
 Acq On : 29 Sep 2022 15:19
 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 18:00:30 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	3042327	17.802 ug/ml
Spiked Amount 50.000		Recovery =	35.60%
12) S 1-chlorooctadecane (S...	13.012	2354718	17.237 ug/ml
Spiked Amount 50.000		Recovery =	34.47%
Target Compounds			
1) T n-Nonane (C9)	3.324	2897164	19.409 ug/ml
2) T n-Decane (C10)	4.395	2974200	19.717 ug/ml
3) T A~Naphthalene (C11.7)	5.982	3251662	19.608 ug/ml
4) T n-Dodecane (C12)	6.415	2983083	19.618 ug/ml
5) T A~2-methylnaphthalene...	7.038	3194577	19.420 ug/ml
6) T n-Tetradecane (C14)	8.213	2940398	19.286 ug/ml
7) T n-Hexadecane (C16)	9.815	2908279	18.808 ug/ml
8) T n-Octadecane (C18)	11.258	2889606	18.330 ug/ml
10) T n-Eicosane (C20)	12.568	2814575	17.662 ug/ml
11) T n-Heneicosane (C21)	13.181	2771117	17.272 ug/ml
13) T n-Docosane (C22)	13.767	2732404	17.007 ug/ml
14) T n-Tetracosane (C24)	14.871	2627896	16.405 ug/ml
15) T n-Hexacosane (C26)	15.893	2525892	15.933 ug/ml
16) T n-Octacosane (C28)	16.843	2461606	15.882 ug/ml
17) T n-Tricontane (C30)	17.731	2565112	16.668 ug/ml
18) T n-Dotriacontane (C32)	18.564	2651480	17.536 ug/ml
19) T n-Tetratriacontane (C34)	19.347	2445346	17.246 ug/ml
20) T n-Hexatriacontane (C36)	20.087	2429675	17.599 ug/ml
21) T n-Octatriacontane (C38)	20.823	2373249	18.325 ug/mlm
22) T n-Tetracontane (C40)	21.737	2174509	17.794 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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