

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080122AL\
 Data File : FC060938.D
 Signal(s) : FID1A.ch
 Acq On : 02 Aug 2022 03:02
 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 08/02/2022
 Supervised By :Ankita Jodhani 08/02/2022

Integration File: autoint1.e
 Quant Time: Aug 02 07:03:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 19:40:54 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)	10.631	3098382	18.880 ug/ml
Spiked Amount 50.000		Recovery =	37.76%
12) S 1-chlorooctadecane (S...	11.996	2490905	18.763 ug/ml
Spiked Amount 50.000		Recovery =	37.53%
Target Compounds			
1) T n-Nonane (C9)	2.625	2797144	19.861 ug/ml
2) T n-Decane (C10)	3.619	2870722	20.350 ug/ml
3) T A~Naphthalene (C11.7)	5.160	2948751	20.745 ug/ml
4) T n-Dodecane (C12)	5.565	2973285	20.061 ug/ml
5) T A~2-methylnaphthalene...	6.183	2880090	20.999 ug/ml
6) T n-Tetradecane (C14)	7.314	2997150	19.963 ug/ml
7) T n-Hexadecane (C16)	8.875	3027996	19.786 ug/ml
8) T n-Octadecane (C18)	10.281	3036800	19.447 ug/ml
10) T n-Eicosane (C20)	11.560	2987301	19.036 ug/ml
11) T n-Heneicosane (C21)	12.158	2951614	18.864 ug/ml
13) T n-Docosane (C22)	12.730	2915392	18.698 ug/ml
14) T n-Tetracosane (C24)	13.806	2794792	18.306 ug/ml
15) T n-Hexacosane (C26)	14.803	2666717	17.865 ug/ml
16) T n-Octacosane (C28)	15.730	2577532	17.988 ug/ml
17) T n-Tricontane (C30)	16.596	2650297	18.930 ug/ml
18) T n-Dotriacontane (C32)	17.408	2704554	20.039 ug/ml
19) T n-Tetratriacontane (C34)	18.171	2556742	20.386 ug/mlm
20) T n-Hexatriacontane (C36)	18.894	2524002	20.649 ug/mlm
21) T n-Octatriacontane (C38)	19.575	2495803	21.146 ug/mlm
22) T n-Tetracontane (C40)	20.224	2395669	20.814 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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