

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC083022AL\
 Data File : FC061352.D
 Signal(s) : FID1A.ch
 Acq On : 30 Aug 2022 10:37
 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 08/30/2022
 Supervised By :Ankita Jodhani 08/31/2022

Integration File: autoint1.e
 Quant Time: Aug 30 13:27:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082222.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 23 05:32:18 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)	11.644	3119320	17.620 ug/ml
Spiked Amount 50.000		Recovery =	35.24%
12) S 1-chlorooctadecane (S...	13.074	2484457	17.740 ug/ml
Spiked Amount 50.000		Recovery =	35.48%
Target Compounds			
1) T n-Nonane (C9)	3.413	2785578	18.424 ug/ml
2) T n-Decane (C10)	4.481	2813066	18.539 ug/ml
3) T A~Naphthalene (C11.7)	6.068	3162370	18.269 ug/ml
4) T n-Dodecane (C12)	6.494	2850653	18.406 ug/ml
5) T A~2-methylnaphthalene...	7.120	3192922	18.133 ug/ml
6) T n-Tetradecane (C14)	8.287	2865756	18.321 ug/ml
7) T n-Hexadecane (C16)	9.884	2858672	18.251 ug/ml
8) T n-Octadecane (C18)	11.323	2872862	18.210 ug/ml
10) T n-Eicosane (C20)	12.630	2799481	18.008 ug/ml
11) T n-Heneicosane (C21)	13.241	2779548	17.770 ug/ml
13) T n-Docosane (C22)	13.825	2758963	17.779 ug/ml
14) T n-Tetracosane (C24)	14.925	2751325	17.785 ug/ml
15) T n-Hexacosane (C26)	15.945	2648979	17.601 ug/ml
16) T n-Octacosane (C28)	16.893	2596081	17.576 ug/ml
17) T n-Tricontane (C30)	17.778	2546764	18.439 ug/ml
18) T n-Dotriacontane (C32)	18.609	2126240	19.371 ug/ml
19) T n-Tetratriacontane (C34)	19.391	1587223	20.563 ug/ml
20) T n-Hexatriacontane (C36)	20.127	1205327	21.349 ug/mlm
21) T n-Octatriacontane (C38)	20.873	1027989	22.159 ug/mlm
22) T n-Tetracontane (C40)	21.802	919438	21.921 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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