

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC113022AL\
 Data File : FC062324.D
 Signal(s) : FID1A.ch
 Acq On : 30 Nov 2022 10:41
 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 12/01/2022
 Supervised By :Ankita Jodhani 12/01/2022

Integration File: autoint1.e
 Quant Time: Dec 01 02:49:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111422.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 21 12:12:05 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)	11.592	2655558	19.455 ug/ml
Spiked Amount 50.000		Recovery =	38.91%
12) S 1-chlorooctadecane (S...	13.031	2059498	20.261 ug/ml
Spiked Amount 50.000		Recovery =	40.52%
Target Compounds			
1) T n-Nonane (C9)	3.341	2779865	19.973 ug/ml
2) T n-Decane (C10)	4.409	2832341	20.934 ug/ml
3) T A~Naphthalene (C11.7)	5.998	2946683	20.114 ug/ml
4) T n-Dodecane (C12)	6.431	2839235	21.253 ug/ml
5) T A~2-methylnaphthalene...	7.057	2821279	21.039 ug/ml
6) T n-Tetradecane (C14)	8.229	2756549	21.116 ug/ml
7) T n-Hexadecane (C16)	9.832	2741988	21.149 ug/ml
8) T n-Octadecane (C18)	11.276	2676342	20.960 ug/ml
10) T n-Eicosane (C20)	12.587	2582158	21.242 ug/ml
11) T n-Heneicosane (C21)	13.199	2523622	20.939 ug/ml
13) T n-Docosane (C22)	13.785	2463709	20.899 ug/ml
14) T n-Tetracosane (C24)	14.887	2368340	20.582 ug/ml
15) T n-Hexacosane (C26)	15.907	2290284	20.555 ug/ml
16) T n-Octacosane (C28)	16.857	2261693	20.628 ug/ml
17) T n-Tricontane (C30)	17.744	2419930	22.098 ug/ml
18) T n-Dotriacontane (C32)	18.574	2486350	22.512 ug/ml
19) T n-Tetratriacontane (C34)	19.358	2374492	21.717 ug/ml
20) T n-Hexatriacontane (C36)	20.096	2310720	22.048 ug/ml
21) T n-Octatriacontane (C38)	20.838	2211690	21.369 ug/ml
22) T n-Tetracontane (C40)	21.759	2138089	20.828 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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