

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110822AL\
 Data File : FC062106.D
 Signal(s) : FID1A.ch
 Acq On : 08 Nov 2022 12:55
 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 11/10/2022
 Supervised By :Ankita Jodhani 11/10/2022

Integration File: autoint1.e
 Quant Time: Nov 09 03:46:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101722.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 17 23:26:31 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)	11.593	2665057	17.929 ug/ml
Spiked Amount 50.000		Recovery =	35.86%
12) S 1-chlorooctadecane (S...	13.029	2043682	17.542 ug/ml
Spiked Amount 50.000		Recovery =	35.08%
Target Compounds			
1) T n-Nonane (C9)	3.352	2628979	18.690 ug/ml
2) T n-Decane (C10)	4.419	2731612	19.136 ug/ml
3) T A~Naphthalene (C11.7)	6.006	2778324	18.000 ug/ml
4) T n-Dodecane (C12)	6.439	2742166	18.889 ug/ml
5) T A~2-methylnaphthalene...	7.064	2696335	17.775 ug/ml
6) T n-Tetradecane (C14)	8.236	2693328	18.528 ug/ml
7) T n-Hexadecane (C16)	9.836	2665672	18.305 ug/ml
8) T n-Octadecane (C18)	11.276	2611099	18.065 ug/ml
10) T n-Eicosane (C20)	12.586	2524133	17.884 ug/ml
11) T n-Heneicosane (C21)	13.197	2469841	17.800 ug/ml
13) T n-Docosane (C22)	13.781	2456855	17.921 ug/mlm
14) T n-Tetracosane (C24)	14.884	2398720	18.154 ug/ml
15) T n-Hexacosane (C26)	15.902	2399934	19.046 ug/ml
16) T n-Octacosane (C28)	16.849	2474671	20.519 ug/ml
17) T n-Tricontane (C30)	17.734	2795037	23.491 ug/ml
18) T n-Dotriacontane (C32)	18.564	2921863	24.799 ug/ml
19) T n-Tetratriacontane (C34)	19.345	2674707	23.675 ug/ml
20) T n-Hexatriacontane (C36)	20.082	2485575	21.917 ug/ml
21) T n-Octatriacontane (C38)	20.820	2318871	20.609 ug/ml
22) T n-Tetracontane (C40)	21.734	2171627	19.343 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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