

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110922AL\
 Data File : FC062134.D
 Signal(s) : FID1A.ch
 Acq On : 10 Nov 2022 02:23
 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 10 03:18:37 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)	11.597	2652942	17.848 ug/ml
Spiked Amount 50.000		Recovery =	35.70%
12) S 1-chlorooctadecane (S...	13.033	2063372	17.711 ug/ml
Spiked Amount 50.000		Recovery =	35.42%
Target Compounds			
1) T n-Nonane (C9)	3.351	2691376	19.134 ug/ml
2) T n-Decane (C10)	4.419	2807963	19.671 ug/ml
3) T A~Naphthalene (C11.7)	6.008	2849098	18.458 ug/ml
4) T n-Dodecane (C12)	6.441	2788235	19.207 ug/ml
5) T A~2-methylnaphthalene...	7.066	2760394	18.197 ug/ml
6) T n-Tetradecane (C14)	8.238	2705336	18.611 ug/ml
7) T n-Hexadecane (C16)	9.840	2652111	18.212 ug/ml
8) T n-Octadecane (C18)	11.280	2594166	17.948 ug/ml
10) T n-Eicosane (C20)	12.588	2508557	17.774 ug/ml
11) T n-Heneicosane (C21)	13.199	2452336	17.674 ug/ml
13) T n-Docosane (C22)	13.786	2451100	17.879 ug/mlm
14) T n-Tetracosane (C24)	14.885	2392821	18.109 ug/ml
15) T n-Hexacosane (C26)	15.905	2416695	19.179 ug/ml
16) T n-Octacosane (C28)	16.853	2529633	20.974 ug/ml
17) T n-Tricontane (C30)	17.738	2907131	24.433 ug/ml
18) T n-Dotriacontane (C32)	18.568	3060731	25.978 ug/ml
19) T n-Tetratriacontane (C34)	19.351	2823547	24.993 ug/ml
20) T n-Hexatriacontane (C36)	20.089	2672780	23.568 ug/ml
21) T n-Octatriacontane (C38)	20.829	2374070	21.099 ug/ml
22) T n-Tetracontane (C40)	21.745	2220132	19.775 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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