

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090822AL\
 Data File : FC061459.D
 Signal(s) : FID1A.ch
 Acq On : 08 Sep 2022 10:48
 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 09/08/2022
 Supervised By :Ankita Jodhani 09/09/2022

Integration File: autoint1.e
 Quant Time: Sep 08 13:24:05 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082222.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 31 11:58:37 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)	11.576	3010980	17.008 ug/ml
Spiked Amount 50.000		Recovery =	34.02%
12) S 1-chlorooctadecane (S...	13.013	2375067	16.959 ug/ml
Spiked Amount 50.000		Recovery =	33.92%
Target Compounds			
1) T n-Nonane (C9)	3.333	2702148	17.873 ug/ml
2) T n-Decane (C10)	4.402	2803126	18.473 ug/ml
3) T A~Naphthalene (C11.7)	5.987	3163906	18.278 ug/ml
4) T n-Dodecane (C12)	6.420	2832055	18.286 ug/ml
5) T A~2-methylnaphthalene...	7.043	3177420	18.045 ug/ml
6) T n-Tetradecane (C14)	8.217	2823709	18.053 ug/ml
7) T n-Hexadecane (C16)	9.819	2803722	17.900 ug/ml
8) T n-Octadecane (C18)	11.261	2792563	17.701 ug/ml
10) T n-Eicosane (C20)	12.570	2703850	17.393 ug/ml
11) T n-Heneicosane (C21)	13.181	2663647	17.029 ug/ml
13) T n-Docosane (C22)	13.768	2643036	17.032 ug/ml
14) T n-Tetracosane (C24)	14.870	2642583	17.082 ug/ml
15) T n-Hexacosane (C26)	15.891	2561841	17.022 ug/ml
16) T n-Octacosane (C28)	16.840	2596059	17.576 ug/ml
17) T n-Tricontane (C30)	17.726	2680108	19.404 ug/ml
18) T n-Dotriacontane (C32)	18.558	2350892	21.418 ug/ml
19) T n-Tetratriacontane (C34)	19.339	1776867	23.020 ug/mlm
20) T n-Hexatriacontane (C36)	20.080	1342974	23.787 ug/mlm
21) T n-Octatriacontane (C38)	20.811	1098617	23.681 ug/ml
22) T n-Tetracontane (C40)	21.723	981488	23.400 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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