

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090722AL\
 Data File : FC061446.D
 Signal(s) : FID1A.ch
 Acq On : 07 Sep 2022 14:04
 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 09/08/2022

Integration File: autoint1.e
 Quant Time: Sep 08 04:48:34 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)	11.580	2947531	16.650 ug/ml
Spiked Amount 50.000		Recovery =	33.30%
12) S 1-chlorooctadecane (S...	13.017	2326489	16.612 ug/ml
Spiked Amount 50.000		Recovery =	33.22%
Target Compounds			
1) T n-Nonane (C9)	3.335	2663052	17.614 ug/ml
2) T n-Decane (C10)	4.404	2752591	18.140 ug/ml
3) T A~Naphthalene (C11.7)	5.990	3092012	17.862 ug/ml
4) T n-Dodecane (C12)	6.422	2769602	17.883 ug/ml
5) T A~2-methylnaphthalene...	7.046	3116023	17.696 ug/ml
6) T n-Tetradecane (C14)	8.219	2757522	17.629 ug/ml
7) T n-Hexadecane (C16)	9.821	2738890	17.486 ug/ml
8) T n-Octadecane (C18)	11.264	2734049	17.330 ug/ml
10) T n-Eicosane (C20)	12.573	2647586	17.031 ug/ml
11) T n-Heneicosane (C21)	13.185	2609654	16.684 ug/ml
13) T n-Docosane (C22)	13.771	2589169	16.685 ug/ml
14) T n-Tetracosane (C24)	14.873	2587115	16.723 ug/ml
15) T n-Hexacosane (C26)	15.893	2511317	16.686 ug/ml
16) T n-Octacosane (C28)	16.843	2518544	17.051 ug/ml
17) T n-Tricontane (C30)	17.730	2604500	18.857 ug/ml
18) T n-Dotriacontane (C32)	18.561	2269578	20.677 ug/ml
19) T n-Tetratriacontane (C34)	19.343	1707574	22.122 ug/mlm
20) T n-Hexatriacontane (C36)	20.083	1300408	23.033 ug/mlm
21) T n-Octatriacontane (C38)	20.819	1056018	22.763 ug/ml
22) T n-Tetracontane (C40)	21.730	953940	22.743 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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