

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090622AL\
 Data File : FC061443.D
 Signal(s) : FID1A.ch
 Acq On : 06 Sep 2022 15:55
 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 09/07/2022
 Supervised By :Ankita Jodhani 09/07/2022

Integration File: autoint1.e
 Quant Time: Sep 07 02:12:19 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)	11.583	2977877	16.821 ug/ml
Spiked Amount 50.000		Recovery =	33.64%
12) S 1-chlorooctadecane (S...	13.020	2350562	16.784 ug/ml
Spiked Amount 50.000		Recovery =	33.57%
Target Compounds			
1) T n-Nonane (C9)	3.332	2685520	17.763 ug/ml
2) T n-Decane (C10)	4.403	2770474	18.258 ug/ml
3) T A~Naphthalene (C11.7)	5.991	3131035	18.088 ug/ml
4) T n-Dodecane (C12)	6.423	2791341	18.023 ug/ml
5) T A~2-methylnaphthalene...	7.048	3148218	17.879 ug/ml
6) T n-Tetradecane (C14)	8.222	2784415	17.801 ug/ml
7) T n-Hexadecane (C16)	9.823	2764669	17.651 ug/ml
8) T n-Octadecane (C18)	11.266	2761906	17.506 ug/ml
10) T n-Eicosane (C20)	12.575	2668309	17.164 ug/ml
11) T n-Heneicosane (C21)	13.188	2628468	16.804 ug/ml
13) T n-Docosane (C22)	13.774	2610835	16.825 ug/ml
14) T n-Tetracosane (C24)	14.877	2608598	16.862 ug/ml
15) T n-Hexacosane (C26)	15.897	2524629	16.775 ug/ml
16) T n-Octacosane (C28)	16.848	2537064	17.177 ug/ml
17) T n-Tricontane (C30)	17.734	2625597	19.010 ug/ml
18) T n-Dotriacontane (C32)	18.565	2299927	20.953 ug/ml
19) T n-Tetratriacontane (C34)	19.349	1718789	22.268 ug/mlm
20) T n-Hexatriacontane (C36)	20.087	1303447	23.087 ug/mlm
21) T n-Octatriacontane (C38)	20.824	1075746	23.188 ug/mlm
22) T n-Tetracontane (C40)	21.740	880359	20.989 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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