

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060622AL\
 Data File : FD042783.D
 Signal(s) : FID2B.CH
 Acq On : 06 Jun 2022 20:22
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/07/2022
 Supervised By :Ankita Jodhani 06/07/2022

Integration File: sample.E
 Quant Time: Jun 07 02:27:58 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 07:55:57 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.577	3253668	19.591 ug/ml
Spiked Amount 50.000		Recovery =	39.18%
12) S 1-chlorooctadecane (S...	13.013	2570210	19.680 ug/ml
Spiked Amount 50.000		Recovery =	39.36%
Target Compounds			
1) T n-Nonane (C9)	3.349	2720739	19.640 ug/ml
2) T n-Decane (C10)	4.415	2758656	19.978 ug/ml
3) T A~Naphthalene (C11.7)	5.997	3147815	20.010 ug/ml
4) T n-Dodecane (C12)	6.431	2834921	20.006 ug/ml
5) T A~2-methylnaphthalene...	7.051	3207914	20.037 ug/ml
6) T n-Tetradecane (C14)	8.224	2887109	20.047 ug/ml
7) T n-Hexadecane (C16)	9.822	2958822	20.059 ug/ml
8) T n-Octadecane (C18)	11.262	3007605	19.982 ug/ml
10) T n-Eicosane (C20)	12.569	2990388	19.886 ug/ml
11) T n-Heneicosane (C21)	13.180	2980591	19.689 ug/ml
13) T n-Docosane (C22)	13.766	3003019	19.866 ug/ml
14) T n-Tetracosane (C24)	14.866	3007864	20.042 ug/ml
15) T n-Hexacosane (C26)	15.884	2956191	20.277 ug/ml
16) T n-Octacosane (C28)	16.832	2924722	20.970 ug/ml
17) T n-Tricontane (C30)	17.717	2875114	21.991 ug/ml
18) T n-Dotriacontane (C32)	18.548	2655538	22.490 ug/ml
19) T n-Tetratriacontane (C34)	19.329	2320261	21.827 ug/ml
20) T n-Hexatriacontane (C36)	20.066	2097942	21.456 ug/mlm
21) T n-Octatriacontane (C38)	20.799	1999770	21.924 ug/ml
22) T n-Tetracontane (C40)	21.697	1970930	24.322 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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