

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060222AL\
 Data File : FD042732.D
 Signal(s) : FID2B.CH
 Acq On : 02 Jun 2022 10:30
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/03/2022
 Supervised By :Ankita Jodhani 06/03/2022

Integration File: sample.E
 Quant Time: Jun 02 12:55:34 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)	11.581	3172485	19.102 ug/ml
Spiked Amount 50.000		Recovery =	38.20%
12) S 1-chlorooctadecane (S...	13.016	2495601	19.109 ug/ml
Spiked Amount 50.000		Recovery =	38.22%
Target Compounds			
1) T n-Nonane (C9)	3.349	2766536	19.970 ug/ml
2) T n-Decane (C10)	4.418	2750340	19.918 ug/ml
3) T A~Naphthalene (C11.7)	6.000	3141054	19.967 ug/ml
4) T n-Dodecane (C12)	6.434	2819264	19.895 ug/ml
5) T A~2-methylnaphthalene...	7.055	3189866	19.924 ug/ml
6) T n-Tetradecane (C14)	8.227	2851371	19.799 ug/ml
7) T n-Hexadecane (C16)	9.826	2904890	19.693 ug/ml
8) T n-Octadecane (C18)	11.265	2929291	19.462 ug/ml
10) T n-Eicosane (C20)	12.573	2887785	19.203 ug/ml
11) T n-Heneicosane (C21)	13.184	2882258	19.039 ug/ml
13) T n-Docosane (C22)	13.768	2852030	18.867 ug/ml
14) T n-Tetracosane (C24)	14.870	2784453	18.553 ug/ml
15) T n-Hexacosane (C26)	15.887	2680811	18.388 ug/ml
16) T n-Octacosane (C28)	16.836	2560590	18.359 ug/ml
17) T n-Tricontane (C30)	17.721	2424595	18.545 ug/ml
18) T n-Dotriacontane (C32)	18.552	2234383	18.923 ug/ml
19) T n-Tetratriacontane (C34)	19.332	2070431	19.477 ug/ml
20) T n-Hexatriacontane (C36)	20.070	1947806	19.921 ug/ml
21) T n-Octatriacontane (C38)	20.803	1901344	20.845 ug/ml
22) T n-Tetracontane (C40)	21.704	1940989	23.953 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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