

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060222AL\
 Data File : FD042753.D
 Signal(s) : FID2B.CH
 Acq On : 03 Jun 2022 2:37
 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 03 03:46:32 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)	11.584	3159019	19.021 ug/ml
Spiked Amount 50.000		Recovery =	38.04%
12) S 1-chlorooctadecane (S...	13.018	2477418	18.969 ug/ml
Spiked Amount 50.000		Recovery =	37.94%
Target Compounds			
1) T n-Nonane (C9)	3.352	2755352	19.890 ug/ml
2) T n-Decane (C10)	4.420	2743125	19.866 ug/ml
3) T A~Naphthalene (C11.7)	6.003	3158458	20.078 ug/ml
4) T n-Dodecane (C12)	6.436	2819659	19.898 ug/ml
5) T A~2-methylnaphthalene...	7.057	3212767	20.067 ug/ml
6) T n-Tetradecane (C14)	8.228	2852733	19.808 ug/ml
7) T n-Hexadecane (C16)	9.828	2893058	19.613 ug/ml
8) T n-Octadecane (C18)	11.268	2914160	19.361 ug/ml
10) T n-Eicosane (C20)	12.575	2861280	19.027 ug/ml
11) T n-Heneicosane (C21)	13.186	2854708	18.857 ug/ml
13) T n-Docosane (C22)	13.772	2821997	18.669 ug/ml
14) T n-Tetracosane (C24)	14.872	2753727	18.349 ug/ml
15) T n-Hexacosane (C26)	15.890	2620379	17.973 ug/ml
16) T n-Octacosane (C28)	16.839	2493102	17.875 ug/ml
17) T n-Tricontane (C30)	17.724	2372741	18.148 ug/ml
18) T n-Dotriacontane (C32)	18.555	2270691	19.231 ug/ml
19) T n-Tetratriacontane (C34)	19.336	2065497	19.430 ug/ml
20) T n-Hexatriacontane (C36)	20.074	1995262	20.406 ug/mlm
21) T n-Octatriacontane (C38)	20.807	1964948	21.542 ug/mlm
22) T n-Tetracontane (C40)	21.709	2022410	24.958 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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