

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072121AL\
 Data File : FD038306.D
 Signal(s) : FID2B.CH
 Acq On : 21 Jul 2021 10:41
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

mohammad
 7/22/2021 1:57:08 PM

Integration File: sample.E
 Quant Time: Jul 22 01:08:47 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:58:41 2021
 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)	11.412	3070545	21.242 ug/ml
Spiked Amount 50.000		Recovery =	42.48%
12) S 1-chlorooctadecane (S...	12.846	2350948	20.620 ug/ml
Spiked Amount 50.000		Recovery =	41.24%
Target Compounds			
1) T n-Nonane (C9)	3.226	2915126	23.990 ug/ml
2) T n-Decane (C10)	4.282	2950936	24.126 ug/ml
3) T A~Naphthalene (C11.7)	5.852	3232139	23.644 ug/ml
4) T n-Dodecane (C12)	6.288	2989414	24.002 ug/ml
5) T A~2-methylnaphthalene...	6.903	3230642	23.455 ug/ml
6) T n-Tetradecane (C14)	8.074	3032036	23.590 ug/ml
7) T n-Hexadecane (C16)	9.667	3002083	23.167 ug/ml
8) T n-Octadecane (C18)	11.103	3001842	22.290 ug/ml
10) T n-Eicosane (C20)	12.406	2883400	21.467 ug/ml
11) T n-Heneicosane (C21)	13.014	2851148	20.986 ug/ml
13) T n-Docosane (C22)	13.597	2806181	20.856 ug/ml
14) T n-Tetracosane (C24)	14.695	2776856	20.565 ug/ml
15) T n-Hexacosane (C26)	15.710	2634888	19.998 ug/ml
16) T n-Octacosane (C28)	16.655	2586171	19.834 ug/ml
17) T n-Tricontane (C30)	17.539	2546071	19.923 ug/ml
18) T n-Dotriacontane (C32)	18.368	2486933	20.211 ug/ml
19) T n-Tetratriacontane (C34)	19.147	2454939	20.964 ug/mlm
20) T n-Hexatriacontane (C36)	19.885	2373465	21.733 ug/ml
21) T n-Octatriacontane (C38)	20.589	2340563	23.239 ug/mlm
22) T n-Tetracontane (C40)	21.416	2370030	24.232 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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