

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050622AL\
 Data File : FD042371.D
 Signal(s) : FID2B.CH
 Acq On : 07 May 2022 7:25
 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 05/09/2022
 Supervised By :mohammad ahmed 05/10/2022

Integration File: autoint1.e
 Quant Time: May 09 00:51:33 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 22 01:55:29 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)	11.212	3390933	20.219 ug/ml
Spiked Amount 50.000		Recovery =	40.44%
12) S 1-chlorooctadecane (S...	12.650	2615281	19.819 ug/ml
Spiked Amount 50.000		Recovery =	39.64%
Target Compounds			
1) T n-Nonane (C9)	3.086	3068706	22.514 ug/ml
2) T n-Decane (C10)	4.130	3053066	22.782 ug/ml
3) T A~Naphthalene (C11.7)	5.681	3165229	21.836 ug/ml
4) T n-Dodecane (C12)	6.124	3136513	22.031 ug/ml
5) T A~2-methylnaphthalene...	6.726	3117607	22.372 ug/ml
6) T n-Tetradecane (C14)	7.899	3121650	21.915 ug/ml
7) T n-Hexadecane (C16)	9.484	3116936	21.449 ug/ml
8) T n-Octadecane (C18)	10.915	3122227	20.832 ug/ml
10) T n-Eicosane (C20)	12.213	3073334	20.079 ug/ml
11) T n-Heneicosane (C21)	12.821	3061970	19.861 ug/ml
13) T n-Docosane (C22)	13.404	3068593	19.907 ug/ml
14) T n-Tetracosane (C24)	14.499	3079817	19.914 ug/ml
15) T n-Hexacosane (C26)	15.514	3025880	19.672 ug/ml
16) T n-Octacosane (C28)	16.457	3033184	19.839 ug/ml
17) T n-Tricontane (C30)	17.340	2983808	19.892 ug/ml
18) T n-Dotriacontane (C32)	18.166	2826332	19.988 ug/ml
19) T n-Tetratriacontane (C34)	18.946	2601489	20.215 ug/ml
20) T n-Hexatriacontane (C36)	19.684	2439382	21.557 ug/mlm
21) T n-Octatriacontane (C38)	20.379	2378680	23.840 ug/mlm
22) T n-Tetracontane (C40)	21.153	2373101	26.310 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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