

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011122AL\
 Data File : FD040540.D
 Signal(s) : FID2B.CH
 Acq On : 11 Jan 2022 13:54
 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

Reviewed By :Yogesh Patel 01/12/2022
 Supervised By :Ankita Jodhani 01/13/2022

Integration File: sample.E
 Quant Time: Jan 12 00:30:13 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 07:08:39 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)	10.624	3176511	20.601 ug/ml
Spiked Amount 50.000		Recovery =	41.20%
12) S 1-chlorooctadecane (S...	12.062	2405178	20.434 ug/ml
Spiked Amount 50.000		Recovery =	40.87%
Target Compounds			
1) T n-Nonane (C9)	2.573	2685995	20.922 ug/ml
2) T n-Decane (C10)	3.559	2741587	21.291 ug/ml
3) T A~Naphthalene (C11.7)	5.091	3056684	21.515 ug/ml
4) T n-Dodecane (C12)	5.528	2781829	21.765 ug/ml
5) T A~2-methylnaphthalene...	6.131	3088787	21.895 ug/ml
6) T n-Tetradecane (C14)	7.305	2851533	22.013 ug/ml
7) T n-Hexadecane (C16)	8.892	2858470	21.940 ug/ml
8) T n-Octadecane (C18)	10.324	2911092	21.484 ug/ml
10) T n-Eicosane (C20)	11.624	2868642	21.090 ug/ml
11) T n-Heneicosane (C21)	12.232	2830878	20.443 ug/ml
13) T n-Docosane (C22)	12.814	2923952	21.205 ug/ml
14) T n-Tetracosane (C24)	13.911	3092129	22.114 ug/ml
15) T n-Hexacosane (C26)	14.925	3091866	22.430 ug/ml
16) T n-Octacosane (C28)	15.871	3108306	22.908 ug/ml
17) T n-Tricontane (C30)	16.752	3020311	23.173 ug/ml
18) T n-Dotriacontane (C32)	17.581	2761847	23.103 ug/ml
19) T n-Tetratriacontane (C34)	18.360	2433725	23.114 ug/ml
20) T n-Hexatriacontane (C36)	19.096	2123610	20.957 ug/ml
21) T n-Octatriacontane (C38)	19.794	1983629	22.202 ug/mlm
22) T n-Tetracontane (C40)	20.595	1958364	22.910 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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