

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051722AL\
 Data File : FD042507.D
 Signal(s) : FID2B.CH
 Acq On : 17 May 2022 14:42
 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 05/18/2022
 Supervised By :mohammad ahmed 05/18/2022

Integration File: sample.E
 Quant Time: May 17 23:37:46 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)	11.205	3348634	19.967 ug/ml
Spiked Amount 50.000		Recovery =	39.93%
12) S 1-chlorooctadecane (S...	12.644	2595171	19.667 ug/ml
Spiked Amount 50.000		Recovery =	39.33%
Target Compounds			
1) T n-Nonane (C9)	3.082	3018476	22.145 ug/ml
2) T n-Decane (C10)	4.124	3008185	22.447 ug/ml
3) T A~Naphthalene (C11.7)	5.674	3130620	21.597 ug/ml
4) T n-Dodecane (C12)	6.116	3136332	22.030 ug/ml
5) T A~2-methylnaphthalene...	6.719	3182453	22.837 ug/ml
6) T n-Tetradecane (C14)	7.892	3143361	22.067 ug/ml
7) T n-Hexadecane (C16)	9.477	3160258	21.747 ug/ml
8) T n-Octadecane (C18)	10.907	3166120	21.125 ug/ml
10) T n-Eicosane (C20)	12.206	3093479	20.211 ug/ml
11) T n-Heneicosane (C21)	12.814	3050085	19.784 ug/ml
13) T n-Docosane (C22)	13.396	3075787	19.954 ug/ml
14) T n-Tetracosane (C24)	14.491	3079817	19.914 ug/ml
15) T n-Hexacosane (C26)	15.506	3016683	19.612 ug/ml
16) T n-Octacosane (C28)	16.449	3019059	19.746 ug/ml
17) T n-Tricontane (C30)	17.332	2986473	19.910 ug/ml
18) T n-Dotriacontane (C32)	18.159	2804907	19.837 ug/ml
19) T n-Tetratriacontane (C34)	18.939	2592754	20.147 ug/ml
20) T n-Hexatriacontane (C36)	19.675	2343766	20.712 ug/mlm
21) T n-Octatriacontane (C38)	20.372	2206065	22.110 ug/mlm
22) T n-Tetracontane (C40)	21.143	2109676	23.389 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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