

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052122AL\
 Data File : FD042578.D
 Signal(s) : FID2B.CH
 Acq On : 20 May 2022 16:31
 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 05/21/2022
 Supervised By :Ankita Jodhani 05/23/2022

Integration File: autoint1.e
 Quant Time: May 20 23:34:14 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 051922.M
 Quant Title : GC Extractables
 QLast Update : Thu May 19 05:18:51 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)	11.199	2941239	17.552 ug/ml
Spiked Amount 50.000		Recovery =	35.10%
12) S 1-chlorooctadecane (S...	12.637	2275279	17.646 ug/ml
Spiked Amount 50.000		Recovery =	35.29%
Target Compounds			
1) T n-Nonane (C9)	3.076	2580450	16.992 ug/ml
2) T n-Decane (C10)	4.119	2581848	17.161 ug/ml
3) T A~Naphthalene (C11.7)	5.670	2625879	17.047 ug/ml
4) T n-Dodecane (C12)	6.112	2696037	17.158 ug/ml
5) T A~2-methylnaphthalene...	6.716	2661795	17.298 ug/ml
6) T n-Tetradecane (C14)	7.886	2730132	17.326 ug/ml
7) T n-Hexadecane (C16)	9.472	2755988	17.449 ug/ml
8) T n-Octadecane (C18)	10.901	2786514	17.667 ug/ml
10) T n-Eicosane (C20)	12.200	2747559	17.837 ug/ml
11) T n-Heneicosane (C21)	12.807	2695234	17.627 ug/ml
13) T n-Docosane (C22)	13.388	2801085	18.706 ug/ml
14) T n-Tetracosane (C24)	14.483	2882714	19.985 ug/ml
15) T n-Hexacosane (C26)	15.497	2915583	20.819 ug/ml
16) T n-Octacosane (C28)	16.440	3030939	22.234 ug/ml
17) T n-Tricontane (C30)	17.323	3059163	22.978 ug/ml
18) T n-Dotriacontane (C32)	18.149	2862117	22.493 ug/ml
19) T n-Tetratriacontane (C34)	18.928	2559899	21.210 ug/ml
20) T n-Hexatriacontane (C36)	19.665	2268230	20.028 ug/ml
21) T n-Octatriacontane (C38)	20.361	2077121	19.235 ug/ml
22) T n-Tetracontane (C40)	21.130	1912072	17.924 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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