

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081222AL\
 Data File : FD043574.D
 Signal(s) : FID2B.ch
 Acq On : 12 Aug 2022 20:47
 Operator : YP/AJ
 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 08/15/2022
 Supervised By :Ankita Jodhani 08/15/2022

Integration File: sample.E
 Quant Time: Aug 14 23:32:31 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 26 05:37:25 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.525	2890505	18.260 ug/ml
Spiked Amount 50.000		Recovery =	36.52%
12) S 1-chlorooctadecane (S...	12.961	2243033	18.301 ug/ml
Spiked Amount 50.000		Recovery =	36.60%
Target Compounds			
1) T n-Nonane (C9)	3.306	2706069	19.306 ug/ml
2) T n-Decane (C10)	4.370	2744757	19.521 ug/ml
3) T A~Naphthalene (C11.7)	5.948	2927473	19.267 ug/ml
4) T n-Dodecane (C12)	6.383	2766991	19.441 ug/ml
5) T A~2-methylnaphthalene...	7.002	2881389	19.257 ug/ml
6) T n-Tetradecane (C14)	8.175	2747249	19.367 ug/ml
7) T n-Hexadecane (C16)	9.772	2759367	19.455 ug/ml
8) T n-Octadecane (C18)	11.212	2757389	19.284 ug/ml
10) T n-Eicosane (C20)	12.518	2738693	18.915 ug/ml
11) T n-Heneicosane (C21)	13.129	2682697	18.470 ug/ml
13) T n-Docosane (C22)	13.714	2741802	18.899 ug/ml
14) T n-Tetracosane (C24)	14.814	2796027	19.300 ug/ml
15) T n-Hexacosane (C26)	15.833	2788410	19.386 ug/ml
16) T n-Octacosane (C28)	16.780	2746836	19.418 ug/ml
17) T n-Tricontane (C30)	17.665	2862922	20.284 ug/ml
18) T n-Dotriacontane (C32)	18.495	2828511	20.454 ug/ml
19) T n-Tetratriacontane (C34)	19.276	2611375	20.293 ug/ml
20) T n-Hexatriacontane (C36)	20.013	2442131	19.799 ug/ml
21) T n-Octatriacontane (C38)	20.734	2385396	20.173 ug/ml
22) T n-Tetracontane (C40)	21.609	2224228	19.671 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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