

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080422AL\
 Data File : FE036885.D
 Signal(s) : FID1B.ch
 Acq On : 05 Aug 2022 00:08
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/05/2022
 Supervised By :Ankita Jodhani 08/05/2022

Integration File: autoint1.e
 Quant Time: Aug 05 04:22:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071722.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 18 02:35:21 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)	11.835	3240260	17.398 ug/ml
Spiked Amount 50.000		Recovery =	34.80%
12) S 1-chlorooctadecane (S...	13.275	2535724	16.666 ug/ml
Spiked Amount 50.000		Recovery =	33.33%
Target Compounds			
1) T n-Nonane (C9)	3.225	2978235	19.319 ug/ml
2) T n-Decane (C10)	4.479	2996351	19.438 ug/ml
3) T A~Naphthalene (C11.7)	6.181	3256766	19.058 ug/ml
4) T n-Dodecane (C12)	6.648	3042017	19.369 ug/ml
5) T A~2-methylnaphthalene...	7.277	3231294	18.801 ug/ml
6) T n-Tetradecane (C14)	8.474	3069103	18.799 ug/ml
7) T n-Hexadecane (C16)	10.080	3010889	18.267 ug/ml
8) T n-Octadecane (C18)	11.523	3000923	17.658 ug/ml
10) T n-Eicosane (C20)	12.831	2908712	17.100 ug/ml
11) T n-Heneicosane (C21)	13.442	2866718	16.749 ug/ml
13) T n-Docosane (C22)	14.028	2820288	16.519 ug/ml
14) T n-Tetracosane (C24)	15.131	2777090	16.291 ug/ml
15) T n-Hexacosane (C26)	16.153	2644596	15.818 ug/ml
16) T n-Octacosane (C28)	17.103	2619522	16.039 ug/ml
17) T n-Tricontane (C30)	17.991	2538429	16.705 ug/ml
18) T n-Dotriacontane (C32)	18.824	2137082	17.769 ug/ml
19) T n-Tetratriacontane (C34)	19.610	1564283	18.784 ug/mlm
20) T n-Hexatriacontane (C36)	20.350	1195814	20.366 ug/mlm
21) T n-Octatriacontane (C38)	21.072	1135739	22.652 ug/mlm
22) T n-Tetracontane (C40)	21.952	1142241	22.118 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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