

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101322AL\
 Data File : FE038133.D
 Signal(s) : FID1B.ch
 Acq On : 14 Oct 2022 02:47
 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 10/14/2022
 Supervised By :Ankita Jodhani 10/14/2022

Integration File: sample.E
 Quant Time: Oct 14 05:51:59 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092822.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 28 06:23:29 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)	11.601	3267664	18.892 ug/ml
Spiked Amount 50.000		Recovery =	37.78%
12) S 1-chlorooctadecane (S...	13.023	2586150	19.134 ug/ml
Spiked Amount 50.000		Recovery =	38.27%
Target Compounds			
1) T n-Nonane (C9)	2.996	2988772	20.293 ug/ml
2) T n-Decane (C10)	4.253	3096651	20.945 ug/ml
3) T A~Naphthalene (C11.7)	5.973	2963804	21.643 ug/ml
4) T n-Dodecane (C12)	6.425	3182794	20.887 ug/ml
5) T A~2-methylnaphthalene...	7.067	2816140	21.189 ug/ml
6) T n-Tetradecane (C14)	8.245	3202229	20.923 ug/ml
7) T n-Hexadecane (C16)	9.844	3212482	20.567 ug/ml
8) T n-Octadecane (C18)	11.278	3209264	20.008 ug/ml
10) T n-Eicosane (C20)	12.579	3157314	19.362 ug/ml
11) T n-Heneicosane (C21)	13.189	3108901	18.869 ug/ml
13) T n-Docosane (C22)	13.770	3152341	19.150 ug/ml
14) T n-Tetracosane (C24)	14.867	3075627	18.753 ug/ml
15) T n-Hexacosane (C26)	15.882	2996262	18.375 ug/ml
16) T n-Octacosane (C28)	16.826	3000403	18.729 ug/ml
17) T n-Tricontane (C30)	17.710	3144694	19.651 ug/ml
18) T n-Dotriacontane (C32)	18.537	3165289	20.101 ug/ml
19) T n-Tetratriacontane (C34)	19.318	2964957	20.012 ug/ml
20) T n-Hexatriacontane (C36)	20.054	2905012	20.150 ug/ml
21) T n-Octatriacontane (C38)	20.751	2874820	21.185 ug/ml
22) T n-Tetracontane (C40)	21.519	2907994	22.845 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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