

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092922AL\
 Data File : FE037842.D
 Signal(s) : FID1B.ch
 Acq On : 28 Sep 2022 23:16
 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 09/29/2022
 Supervised By :Ankita Jodhani 09/29/2022

Integration File: autoint1.e
 Quant Time: Sep 29 02:45:19 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)	11.609	3321642	19.204 ug/ml
Spiked Amount 50.000		Recovery =	38.41%
12) S 1-chlorooctadecane (S...	13.030	2614833	19.346 ug/ml
Spiked Amount 50.000		Recovery =	38.69%
Target Compounds			
1) T n-Nonane (C9)	3.007	2841118	19.291 ug/ml
2) T n-Decane (C10)	4.264	2855443	19.313 ug/ml
3) T A~Naphthalene (C11.7)	5.986	2662244	19.441 ug/ml
4) T n-Dodecane (C12)	6.435	2946502	19.336 ug/ml
5) T A~2-methylnaphthalene...	7.080	2521575	18.972 ug/ml
6) T n-Tetradecane (C14)	8.254	2949535	19.272 ug/ml
7) T n-Hexadecane (C16)	9.852	3010771	19.275 ug/ml
8) T n-Octadecane (C18)	11.286	3078962	19.196 ug/ml
10) T n-Eicosane (C20)	12.588	3138152	19.244 ug/ml
11) T n-Heneicosane (C21)	13.195	3173419	19.260 ug/ml
13) T n-Docosane (C22)	13.777	3181465	19.327 ug/ml
14) T n-Tetracosane (C24)	14.873	3185665	19.424 ug/ml
15) T n-Hexacosane (C26)	15.887	3172239	19.454 ug/ml
16) T n-Octacosane (C28)	16.832	3118030	19.463 ug/ml
17) T n-Tricontane (C30)	17.712	3098493	19.362 ug/ml
18) T n-Dotriacontane (C32)	18.541	2992788	19.005 ug/ml
19) T n-Tetratriacontane (C34)	19.318	2776279	18.739 ug/mlm
20) T n-Hexatriacontane (C36)	20.053	2636455	18.288 ug/ml
21) T n-Octatriacontane (C38)	20.751	2430589	17.911 ug/mlm
22) T n-Tetracontane (C40)	21.519	2516198	19.767 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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