

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092322AL\
 Data File : FE037782.D
 Signal(s) : FID1B.ch
 Acq On : 24 Sep 2022 08:18
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/26/2022
 Supervised By :Ankita Jodhani 09/26/2022

Integration File: autoint1.e
 Quant Time: Sep 26 10:38:51 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 30 06:54:11 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)	11.617	3474372	20.559 ug/ml
Spiked Amount 50.000		Recovery =	41.12%
12) S 1-chlorooctadecane (S...	13.040	2677827	20.807 ug/ml
Spiked Amount 50.000		Recovery =	41.61%
Target Compounds			
1) T n-Nonane (C9)	3.013	3334527	21.793 ug/mlm
2) T n-Decane (C10)	4.271	3397066	22.034 ug/ml
3) T A~Naphthalene (C11.7)	5.987	3293649	22.861 ug/ml
4) T n-Dodecane (C12)	6.443	3463421	21.902 ug/ml
5) T A~2-methylnaphthalene...	7.080	3195982	22.892 ug/ml
6) T n-Tetradecane (C14)	9.861	3443589	21.733 ug/ml
7) T n-Hexadecane (C16)	9.861	3443589	21.733 ug/ml
8) T n-Octadecane (C18)	11.295	3389959	21.288 ug/ml
10) T n-Eicosane (C20)	12.598	3288892	20.787 ug/ml
11) T n-Heneicosane (C21)	13.206	3232923	20.502 ug/ml
13) T n-Docosane (C22)	13.789	3181815	20.440 ug/ml
14) T n-Tetracosane (C24)	14.886	3094869	20.577 ug/ml
15) T n-Hexacosane (C26)	15.902	3030576	20.929 ug/ml
16) T n-Octacosane (C28)	16.846	3015509	21.767 ug/ml
17) T n-Tricontane (C30)	17.729	3123091	22.959 ug/ml
18) T n-Dotriacontane (C32)	18.558	3211152	24.048 ug/ml
19) T n-Tetratriacontane (C34)	19.338	3013195	23.815 ug/ml
20) T n-Hexatriacontane (C36)	20.073	2963618	23.043 ug/ml
21) T n-Octatriacontane (C38)	20.768	2798445	22.485 ug/ml
22) T n-Tetracontane (C40)	21.544	2652129	20.573 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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