

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092022AL\
 Data File : FE037681.D
 Signal(s) : FID1B.ch
 Acq On : 20 Sep 2022 13:32
 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 09/21/2022
 Supervised By :Ankita Jodhani 09/21/2022

Integration File: sample.E
 Quant Time: Sep 21 04:48:40 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)	11.621	2838211	16.795 ug/ml
Spiked Amount 50.000		Recovery =	33.59%
12) S 1-chlorooctadecane (S...	13.043	2173740	16.890 ug/ml
Spiked Amount 50.000		Recovery =	33.78%
Target Compounds			
1) T n-Nonane (C9)	3.015	2603547	17.016 ug/mlm
2) T n-Decane (C10)	4.275	2711785	17.589 ug/ml
3) T A~Naphthalene (C11.7)	5.993	2600976	18.053 ug/ml
4) T n-Dodecane (C12)	6.447	2778347	17.570 ug/ml
5) T A~2-methylnaphthalene...	7.086	2402126	17.205 ug/ml
6) T n-Tetradecane (C14)	9.864	2774317	17.509 ug/ml
7) T n-Hexadecane (C16)	9.864	2774317	17.509 ug/ml
8) T n-Octadecane (C18)	11.298	2754553	17.298 ug/ml
10) T n-Eicosane (C20)	12.600	2695365	17.035 ug/ml
11) T n-Heneicosane (C21)	13.209	2656485	16.846 ug/ml
13) T n-Docosane (C22)	13.792	2665079	17.120 ug/ml
14) T n-Tetracosane (C24)	14.888	2628077	17.473 ug/ml
15) T n-Hexacosane (C26)	15.903	2562973	17.700 ug/ml
16) T n-Octacosane (C28)	16.848	2584935	18.659 ug/ml
17) T n-Tricontane (C30)	17.730	2765374	20.329 ug/ml
18) T n-Dotriacontane (C32)	18.558	2857250	21.397 ug/ml
19) T n-Tetratriacontane (C34)	19.337	2714996	21.458 ug/ml
20) T n-Hexatriacontane (C36)	20.073	2724886	21.187 ug/ml
21) T n-Octatriacontane (C38)	20.771	2671103	21.462 ug/ml
22) T n-Tetracontane (C40)	21.545	2684054	20.820 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

