

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092022AL\
 Data File : FE037702.D
 Signal(s) : FID1B.ch
 Acq On : 21 Sep 2022 01:32
 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 04:51:35 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)	11.624	2941799	17.408 ug/ml
Spiked Amount 50.000		Recovery =	34.82%
12) S 1-chlorooctadecane (S...	13.047	2277315	17.695 ug/ml
Spiked Amount 50.000		Recovery =	35.39%
Target Compounds			
1) T n-Nonane (C9)	3.016	2650519	17.323 ug/mlm
2) T n-Decane (C10)	4.276	2770312	17.968 ug/ml
3) T A~Naphthalene (C11.7)	5.993	2709709	18.808 ug/ml
4) T n-Dodecane (C12)	6.448	2847232	18.005 ug/ml
5) T A~2-methylnaphthalene...	7.086	2647353	18.962 ug/ml
6) T n-Tetradecane (C14)	9.867	2883886	18.200 ug/ml
7) T n-Hexadecane (C16)	9.867	2883886	18.200 ug/ml
8) T n-Octadecane (C18)	11.302	2861021	17.966 ug/ml
10) T n-Eicosane (C20)	12.604	2800171	17.698 ug/ml
11) T n-Heneicosane (C21)	13.213	2752606	17.456 ug/ml
13) T n-Docosane (C22)	13.796	2765057	17.762 ug/ml
14) T n-Tetracosane (C24)	14.893	2725555	18.122 ug/ml
15) T n-Hexacosane (C26)	15.908	2655740	18.340 ug/ml
16) T n-Octacosane (C28)	16.853	2674437	19.305 ug/ml
17) T n-Tricontane (C30)	17.736	2890013	21.245 ug/ml
18) T n-Dotriacontane (C32)	18.564	3016992	22.594 ug/mlm
19) T n-Tetratriacontane (C34)	19.344	2869451	22.678 ug/mlm
20) T n-Hexatriacontane (C36)	20.081	2857424	22.217 ug/ml
21) T n-Octatriacontane (C38)	20.778	3099563	24.904 ug/mlm
22) T n-Tetracontane (C40)	21.555	2903151	22.520 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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