

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092923AL\
 Data File : FE044507.D
 Signal(s) : FID1B.ch
 Acq On : 29 Sep 2023 07:02
 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 09/29/2023
 Supervised By :Ankita Jodhani 10/02/2023

Integration File: autoint1.e
 Quant Time: Sep 29 07:28:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092523.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 25 11:06:21 2023
 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)	11.922	3761996	20.039 ug/ml
Spiked Amount 50.000		Recovery =	40.08%
12) S 1-chlorooctadecane (S...	13.360	2750884	20.221 ug/ml
Spiked Amount 50.000		Recovery =	40.44%
Target Compounds			
1) T n-Nonane (C9)	3.310	3226092	19.871 ug/ml
2) T n-Decane (C10)	4.561	3302785	19.946 ug/ml
3) T A~Naphthalene (C11.7)	6.262	3583333	20.042 ug/ml
4) T n-Dodecane (C12)	6.725	3322966	19.978 ug/ml
5) T A~2-methylnaphthalene...	7.357	3438091	20.095 ug/ml
6) T n-Tetradecane (C14)	8.550	3278245	19.969 ug/ml
7) T n-Hexadecane (C16)	10.160	3391338	20.019 ug/ml
8) T n-Octadecane (C18)	11.606	3401155	20.032 ug/ml
10) T n-Eicosane (C20)	12.916	3227115	20.058 ug/ml
11) T n-Heneicosane (C21)	13.528	3141191	20.061 ug/ml
13) T n-Docosane (C22)	14.114	3087789	20.020 ug/ml
14) T n-Tetracosane (C24)	15.219	3030403	20.047 ug/ml
15) T n-Hexacosane (C26)	16.240	2951914	20.068 ug/ml
16) T n-Octacosane (C28)	17.192	2940804	20.504 ug/ml
17) T n-Tricontane (C30)	18.081	3165016	21.352 ug/ml
18) T n-Dotriacontane (C32)	18.915	3236884	21.865 ug/ml
19) T n-Tetratriacontane (C34)	19.700	3142323	21.502 ug/ml
20) T n-Hexatriacontane (C36)	20.441	3047844	21.012 ug/ml
21) T n-Octatriacontane (C38)	21.182	3050522	20.365 ug/ml
22) T n-Tetracontane (C40)	22.104	3214530	20.369 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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