

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091823AL\
 Data File : FE044328.D
 Signal(s) : FID1B.ch
 Acq On : 18 Sep 2023 09:51
 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 09/18/2023
 Supervised By :Ankita Jodhani 09/18/2023

Integration File: autoint1.e
 Quant Time: Sep 18 10:15:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 083023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 31 03:37:37 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)	11.932	3544638	18.710 ug/ml
Spiked Amount 50.000		Recovery =	37.42%
12) S 1-chlorooctadecane (S...	13.372	2631624	19.049 ug/ml
Spiked Amount 50.000		Recovery =	38.10%
Target Compounds			
1) T n-Nonane (C9)	3.317	2965846	18.181 ug/ml
2) T n-Decane (C10)	4.569	3019757	18.168 ug/ml
3) T A~Naphthalene (C11.7)	6.271	3269658	18.259 ug/ml
4) T n-Dodecane (C12)	6.733	3052341	18.150 ug/ml
5) T A~2-methylnaphthalene...	7.367	3187005	18.590 ug/ml
6) T n-Tetradecane (C14)	8.560	3030821	18.072 ug/ml
7) T n-Hexadecane (C16)	10.170	3078067	17.809 ug/ml
8) T n-Octadecane (C18)	11.615	3072104	17.649 ug/ml
10) T n-Eicosane (C20)	12.926	2959394	17.891 ug/ml
11) T n-Heneicosane (C21)	13.538	2900715	17.933 ug/ml
13) T n-Docosane (C22)	14.126	2850328	17.841 ug/ml
14) T n-Tetracosane (C24)	15.230	2780053	17.778 ug/ml
15) T n-Hexacosane (C26)	16.253	2694098	17.871 ug/ml
16) T n-Octacosane (C28)	17.204	2629361	18.220 ug/ml
17) T n-Tricontane (C30)	18.093	2731391	18.801 ug/ml
18) T n-Dotriacontane (C32)	18.928	2752504	19.323 ug/ml
19) T n-Tetratriacontane (C34)	19.713	2823991	20.180 ug/ml
20) T n-Hexatriacontane (C36)	20.454	2793781	20.379 ug/mlm
21) T n-Octatriacontane (C38)	21.198	2720593	19.599 ug/mlm
22) T n-Tetracontane (C40)	22.125	3092999	22.371 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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