

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100523AL\
 Data File : FE044635.D
 Signal(s) : FID1B.ch
 Acq On : 06 Oct 2023 01:42
 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 10/06/2023
 Supervised By :Ankita Jodhani 10/06/2023

Integration File: autoint1.e
 Quant Time: Oct 06 03:37:08 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)	11.930	3725971	19.847 ug/ml
Spiked Amount 50.000		Recovery =	39.69%
12) S 1-chlorooctadecane (S...	13.372	2734861	20.103 ug/ml
Spiked Amount 50.000		Recovery =	40.21%
Target Compounds			
1) T n-Nonane (C9)	3.303	3095015	19.064 ug/ml
2) T n-Decane (C10)	4.556	3220627	19.449 ug/ml
3) T A~Naphthalene (C11.7)	6.260	3498094	19.566 ug/ml
4) T n-Dodecane (C12)	6.724	3262994	19.617 ug/ml
5) T A~2-methylnaphthalene...	7.357	3362350	19.653 ug/ml
6) T n-Tetradecane (C14)	8.553	3253208	19.816 ug/ml
7) T n-Hexadecane (C16)	10.166	3362252	19.847 ug/ml
8) T n-Octadecane (C18)	11.614	3384856	19.936 ug/ml
10) T n-Eicosane (C20)	12.927	3205255	19.922 ug/ml
11) T n-Heneicosane (C21)	13.540	3119017	19.919 ug/ml
13) T n-Docosane (C22)	14.128	3083315	19.991 ug/ml
14) T n-Tetracosane (C24)	15.235	3024468	20.008 ug/ml
15) T n-Hexacosane (C26)	16.259	2979267	20.254 ug/ml
16) T n-Octacosane (C28)	17.213	3061902	21.349 ug/ml
17) T n-Tricontane (C30)	18.103	3421154	23.080 ug/ml
18) T n-Dotriacontane (C32)	18.939	3558448	24.038 ug/ml
19) T n-Tetratriacontane (C34)	19.725	3378421	23.117 ug/ml
20) T n-Hexatriacontane (C36)	20.470	3468315	23.911 ug/ml
21) T n-Octatriacontane (C38)	21.221	3668209	24.489 ug/mlm
22) T n-Tetracontane (C40)	22.155	3277917	20.771 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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