

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121222AL\
 Data File : FE039243.D
 Signal(s) : FID1B.ch
 Acq On : 12 Dec 2022 13:31
 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 12/13/2022
 Supervised By :Ankita Jodhani 12/13/2022

Integration File: autoint1.e
 Quant Time: Dec 12 17:16:31 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 111922.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 19 05:37:37 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)	11.938	3741781	23.918 ug/ml
Spiked Amount 50.000		Recovery =	47.84%
12) S 1-chlorooctadecane (S...	13.372	2768022	22.926 ug/ml
Spiked Amount 50.000		Recovery =	45.85%
Target Compounds			
1) T n-Nonane (C9)	3.334	3163710	22.319 ug/ml
2) T n-Decane (C10)	4.583	3096588	22.217 ug/ml
3) T A~Naphthalene (C11.7)	6.285	3566413	22.423 ug/ml
4) T n-Dodecane (C12)	6.746	3138375	22.264 ug/ml
5) T A~2-methylnaphthalene...	7.379	3346288	22.358 ug/ml
6) T n-Tetradecane (C14)	8.571	3198359	22.394 ug/ml
7) T n-Hexadecane (C16)	10.178	3328584	22.766 ug/ml
8) T n-Octadecane (C18)	11.620	3427787	23.295 ug/ml
10) T n-Eicosane (C20)	12.928	3355563	23.637 ug/ml
11) T n-Heneicosane (C21)	13.538	3376013	23.758 ug/mlm
13) T n-Docosane (C22)	14.126	3335366	23.860 ug/ml
14) T n-Tetracosane (C24)	15.228	3301471	23.906 ug/ml
15) T n-Hexacosane (C26)	16.249	3206068	23.870 ug/ml
16) T n-Octacosane (C28)	17.197	3109619	23.416 ug/ml
17) T n-Tricontane (C30)	18.085	2999328	22.712 ug/ml
18) T n-Dotriacontane (C32)	18.917	2922255	21.911 ug/ml
19) T n-Tetratriacontane (C34)	19.702	2769045	20.926 ug/ml
20) T n-Hexatriacontane (C36)	20.439	2514883	19.575 ug/ml
21) T n-Octatriacontane (C38)	21.178	2360731	18.016 ug/ml
22) T n-Tetracontane (C40)	22.090	2145457	15.756 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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