

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE123022AL\
 Data File : FE039570.D
 Signal(s) : FID1B.ch
 Acq On : 30 Dec 2022 09:05
 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 01/03/2023
 Supervised By :Ankita Jodhani 01/03/2023

Integration File: autoint1.e
 Quant Time: Jan 02 05:27:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121722.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 17 15:09:52 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)	11.927	3025351	20.273 ug/ml
Spiked Amount 50.000		Recovery =	40.55%
12) S 1-chlorooctadecane (S...	13.363	2326964	20.217 ug/ml
Spiked Amount 50.000		Recovery =	40.43%
Target Compounds			
1) T n-Nonane (C9)	3.321	2439893	18.876 ug/ml
2) T n-Decane (C10)	4.571	2421415	19.003 ug/ml
3) T A~Naphthalene (C11.7)	6.274	2774210	19.191 ug/ml
4) T n-Dodecane (C12)	6.735	2456665	18.923 ug/ml
5) T A~2-methylnaphthalene...	7.369	2625827	19.389 ug/ml
6) T n-Tetradecane (C14)	8.561	2518175	19.003 ug/ml
7) T n-Hexadecane (C16)	10.167	2659015	19.328 ug/ml
8) T n-Octadecane (C18)	11.609	2763828	19.733 ug/ml
10) T n-Eicosane (C20)	12.918	2740679	20.077 ug/ml
11) T n-Heneicosane (C21)	13.528	2761140	20.244 ug/mlm
13) T n-Docosane (C22)	14.116	2771249	20.486 ug/ml
14) T n-Tetracosane (C24)	15.218	2804739	20.893 ug/ml
15) T n-Hexacosane (C26)	16.240	2776403	21.323 ug/ml
16) T n-Octacosane (C28)	17.189	2839878	22.066 ug/ml
17) T n-Tricontane (C30)	18.075	2988231	23.210 ug/mlm
18) T n-Dotriacontane (C32)	18.909	3032633	23.418 ug/ml
19) T n-Tetratriacontane (C34)	19.691	2844156	22.544 ug/ml
20) T n-Hexatriacontane (C36)	20.432	2612218	21.603 ug/mlm
21) T n-Octatriacontane (C38)	21.170	2559397	20.724 ug/ml
22) T n-Tetracontane (C40)	22.077	2493565	19.856 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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