

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121222AL\
 Data File : FE039240.D
 Signal(s) : FID1B.ch
 Acq On : 12 Dec 2022 12:00
 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 17:16:02 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)	11.936	3755484	24.006 ug/ml
Spiked Amount 50.000		Recovery =	48.01%
12) S 1-chlorooctadecane (S...	13.372	2733074	22.636 ug/ml
Spiked Amount 50.000		Recovery =	45.27%
Target Compounds			
1) T n-Nonane (C9)	3.328	3238286	22.845 ug/ml
2) T n-Decane (C10)	4.578	3176233	22.789 ug/ml
3) T A~Naphthalene (C11.7)	6.281	3628966	22.816 ug/ml
4) T n-Dodecane (C12)	6.742	3209253	22.767 ug/ml
5) T A~2-methylnaphthalene...	7.376	3401300	22.726 ug/ml
6) T n-Tetradecane (C14)	8.569	3265354	22.863 ug/ml
7) T n-Hexadecane (C16)	10.176	3384533	23.148 ug/ml
8) T n-Octadecane (C18)	11.619	3470548	23.585 ug/ml
10) T n-Eicosane (C20)	12.928	3370659	23.743 ug/ml
11) T n-Heneicosane (C21)	13.540	3390699	23.862 ug/mlm
13) T n-Docosane (C22)	14.125	3344123	23.923 ug/ml
14) T n-Tetracosane (C24)	15.228	3288202	23.810 ug/ml
15) T n-Hexacosane (C26)	16.248	3181645	23.688 ug/ml
16) T n-Octacosane (C28)	17.198	3088389	23.256 ug/ml
17) T n-Tricontane (C30)	18.085	2994543	22.675 ug/ml
18) T n-Dotriacontane (C32)	18.917	2938583	22.034 ug/ml
19) T n-Tetratriacontane (C34)	19.700	2840617	21.467 ug/ml
20) T n-Hexatriacontane (C36)	20.442	2610210	20.317 ug/ml
21) T n-Octatriacontane (C38)	21.179	2540107	19.385 ug/ml
22) T n-Tetracontane (C40)	22.094	2311319	16.974 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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