

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121322AL\
 Data File : FE039274.D
 Signal(s) : FID1B.ch
 Acq On : 13 Dec 2022 09:12
 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 12/14/2022

Integration File: sample.E
 Quant Time: Dec 13 12:32:42 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	3574496	22.849 ug/ml
Spiked Amount 50.000		Recovery =	45.70%
12) S 1-chlorooctadecane (S...	13.372	2721600	22.541 ug/ml
Spiked Amount 50.000		Recovery =	45.08%
Target Compounds			
1) T n-Nonane (C9)	3.334	3095865	21.841 ug/ml
2) T n-Decane (C10)	4.583	3037302	21.792 ug/ml
3) T A~Naphthalene (C11.7)	6.285	3472158	21.830 ug/ml
4) T n-Dodecane (C12)	6.746	3092352	21.938 ug/ml
5) T A~2-methylnaphthalene...	7.380	3254470	21.745 ug/ml
6) T n-Tetradecane (C14)	8.571	3152026	22.070 ug/ml
7) T n-Hexadecane (C16)	10.178	3275825	22.405 ug/ml
8) T n-Octadecane (C18)	11.620	3333157	22.652 ug/ml
10) T n-Eicosane (C20)	12.928	3249080	22.887 ug/ml
11) T n-Heneicosane (C21)	13.540	3259246	22.936 ug/mlm
13) T n-Docosane (C22)	14.126	3216995	23.013 ug/ml
14) T n-Tetracosane (C24)	15.229	3177949	23.011 ug/ml
15) T n-Hexacosane (C26)	16.249	3066915	22.834 ug/ml
16) T n-Octacosane (C28)	17.199	3042250	22.909 ug/ml
17) T n-Tricontane (C30)	18.086	2996064	22.687 ug/ml
18) T n-Dotriacontane (C32)	18.919	3042162	22.811 ug/ml
19) T n-Tetratriacontane (C34)	19.702	2915082	22.030 ug/ml
20) T n-Hexatriacontane (C36)	20.443	2774306	21.595 ug/ml
21) T n-Octatriacontane (C38)	21.182	2718058	20.743 ug/mlm
22) T n-Tetracontane (C40)	22.096	2829191	20.777 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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