

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110922AL\
 Data File : FE038687.D
 Signal(s) : FID1B.ch
 Acq On : 10 Nov 2022 00:31
 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 11/10/2022
 Supervised By :Ankita Jodhani 11/10/2022

Integration File: autoint1.e
 Quant Time: Nov 10 04:57:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102522.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 26 04:49:29 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)	11.961	3080659	17.903 ug/ml
Spiked Amount 50.000		Recovery =	35.81%
12) S 1-chlorooctadecane (S...	13.394	2418187	17.664 ug/ml
Spiked Amount 50.000		Recovery =	35.33%
Target Compounds			
1) T n-Nonane (C9)	3.359	2989598	19.411 ug/ml
2) T n-Decane (C10)	4.607	3048062	19.637 ug/ml
3) T A~Naphthalene (C11.7)	6.310	3246538	19.170 ug/ml
4) T n-Dodecane (C12)	6.769	3043763	19.484 ug/ml
5) T A~2-methylnaphthalene...	7.404	3171108	18.922 ug/ml
6) T n-Tetradecane (C14)	8.594	3004830	19.214 ug/ml
7) T n-Hexadecane (C16)	10.200	2981820	18.874 ug/ml
8) T n-Octadecane (C18)	11.642	2945460	18.388 ug/ml
10) T n-Eicosane (C20)	12.950	2873525	17.834 ug/ml
11) T n-Heneicosane (C21)	13.561	2842772	17.599 ug/ml
13) T n-Docosane (C22)	14.147	2823553	17.490 ug/ml
14) T n-Tetracosane (C24)	15.249	2776312	17.309 ug/ml
15) T n-Hexacosane (C26)	16.268	2757609	17.361 ug/ml
16) T n-Octacosane (C28)	17.218	2819651	17.972 ug/ml
17) T n-Tricontane (C30)	18.105	3048284	19.105 ug/mlm
18) T n-Dotriacontane (C32)	18.937	3156529	20.020 ug/ml
19) T n-Tetratriacontane (C34)	19.718	2989821	20.280 ug/mlm
20) T n-Hexatriacontane (C36)	20.460	2956543	20.692 ug/ml
21) T n-Octatriacontane (C38)	21.201	2930606	21.698 ug/ml
22) T n-Tetracontane (C40)	22.122	2955484	23.414 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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