

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090222AL\
 Data File : FE037397.D
 Signal(s) : FID1B.ch
 Acq On : 02 Sep 2022 09:57
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/06/2022
 Supervised By :Ankita Jodhani 09/06/2022

Integration File: autoint1.e
 Quant Time: Sep 02 12:22:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 30 06:54:11 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)	11.636	3285965	19.444 ug/ml
Spiked Amount 50.000		Recovery =	38.89%
12) S 1-chlorooctadecane (S...	13.058	2499295	19.420 ug/ml
Spiked Amount 50.000		Recovery =	38.84%
Target Compounds			
1) T n-Nonane (C9)	3.037	3119504	20.388 ug/ml
2) T n-Decane (C10)	4.293	3161354	20.505 ug/ml
3) T A~Naphthalene (C11.7)	6.008	3079717	21.376 ug/ml
4) T n-Dodecane (C12)	6.462	3246704	20.532 ug/ml
5) T A~2-methylnaphthalene...	7.101	2855694	20.454 ug/ml
6) T n-Tetradecane (C14)	9.879	3177711	20.055 ug/ml
7) T n-Hexadecane (C16)	9.879	3177711	20.055 ug/ml
8) T n-Octadecane (C18)	11.314	3142072	19.731 ug/ml
10) T n-Eicosane (C20)	12.615	3081131	19.474 ug/ml
11) T n-Heneicosane (C21)	13.223	3052620	19.358 ug/ml
13) T n-Docosane (C22)	13.806	2997269	19.254 ug/ml
14) T n-Tetracosane (C24)	14.903	2872955	19.102 ug/ml
15) T n-Hexacosane (C26)	15.919	2767540	19.112 ug/ml
16) T n-Octacosane (C28)	16.862	2695433	19.456 ug/ml
17) T n-Tricontane (C30)	17.745	2761666	20.302 ug/ml
18) T n-Dotriacontane (C32)	18.573	2795568	20.935 ug/ml
19) T n-Tetratriacontane (C34)	19.352	2700824	21.346 ug/ml
20) T n-Hexatriacontane (C36)	20.087	2732093	21.243 ug/mlm
21) T n-Octatriacontane (C38)	20.784	2711779	21.788 ug/mlm
22) T n-Tetracontane (C40)	21.562	2696593	20.918 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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