

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090622AL\
 Data File : FE037417.D
 Signal(s) : FID1B.ch
 Acq On : 06 Sep 2022 11:33
 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 09/07/2022
 Supervised By :Ankita Jodhani 09/07/2022

Integration File: sample.E
 Quant Time: Sep 07 02:43:33 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)	11.640	3307987	19.575 ug/ml
Spiked Amount 50.000		Recovery =	39.15%
12) S 1-chlorooctadecane (S...	13.063	2471720	19.205 ug/ml
Spiked Amount 50.000		Recovery =	38.41%
Target Compounds			
1) T n-Nonane (C9)	3.036	3104327	20.289 ug/ml
2) T n-Decane (C10)	4.293	3202360	20.771 ug/ml
3) T A~Naphthalene (C11.7)	6.007	3159266	21.929 ug/ml
4) T n-Dodecane (C12)	6.464	3265633	20.651 ug/ml
5) T A~2-methylnaphthalene...	7.099	3087562	22.115 ug/ml
6) T n-Tetradecane (C14)	9.883	3218163	20.310 ug/ml
7) T n-Hexadecane (C16)	9.883	3218163	20.310 ug/ml
8) T n-Octadecane (C18)	11.318	3168366	19.896 ug/ml
10) T n-Eicosane (C20)	12.620	3081710	19.477 ug/ml
11) T n-Heneicosane (C21)	13.230	3033947	19.240 ug/ml
13) T n-Docosane (C22)	13.812	2985916	19.181 ug/ml
14) T n-Tetracosane (C24)	14.910	2871654	19.093 ug/ml
15) T n-Hexacosane (C26)	15.926	2777543	19.181 ug/ml
16) T n-Octacosane (C28)	16.871	2732106	19.721 ug/ml
17) T n-Tricontane (C30)	17.754	2843143	20.901 ug/ml
18) T n-Dotriacontane (C32)	18.582	2896036	21.688 ug/ml
19) T n-Tetratriacontane (C34)	19.362	2749765	21.733 ug/ml
20) T n-Hexatriacontane (C36)	20.098	2758691	21.449 ug/ml
21) T n-Octatriacontane (C38)	20.797	2714663	21.812 ug/ml
22) T n-Tetracontane (C40)	21.576	2817487	21.855 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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