

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092622AL\
 Data File : FE037804.D
 Signal(s) : FID1B.ch
 Acq On : 27 Sep 2022 01:38
 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 09/27/2022
 Supervised By :Ankita Jodhani 09/27/2022

Integration File: autoint1.e
 Quant Time: Sep 27 02:02:17 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)	11.618	3258921	19.284 ug/ml
Spiked Amount 50.000		Recovery =	38.57%
12) S 1-chlorooctadecane (S...	13.041	2512567	19.523 ug/ml
Spiked Amount 50.000		Recovery =	39.05%
Target Compounds			
1) T n-Nonane (C9)	3.010	2939835	19.214 ug/mlm
2) T n-Decane (C10)	4.269	3079082	19.971 ug/ml
3) T A~Naphthalene (C11.7)	5.986	2973415	20.639 ug/ml
4) T n-Dodecane (C12)	6.442	3158075	19.971 ug/ml
5) T A~2-methylnaphthalene...	7.079	2916236	20.888 ug/mlm
6) T n-Tetradecane (C14)	9.860	3178767	20.061 ug/ml
7) T n-Hexadecane (C16)	9.860	3178767	20.061 ug/ml
8) T n-Octadecane (C18)	11.295	3153325	19.802 ug/ml
10) T n-Eicosane (C20)	12.597	3074862	19.434 ug/ml
11) T n-Heneicosane (C21)	13.206	3028782	19.207 ug/ml
13) T n-Docosane (C22)	13.790	2983063	19.163 ug/ml
14) T n-Tetracosane (C24)	14.886	2893792	19.240 ug/ml
15) T n-Hexacosane (C26)	15.901	2809457	19.402 ug/ml
16) T n-Octacosane (C28)	16.845	2783560	20.092 ug/ml
17) T n-Tricontane (C30)	17.728	2896229	21.291 ug/ml
18) T n-Dotriacontane (C32)	18.557	2959478	22.163 ug/mlm
19) T n-Tetratriacontane (C34)	19.336	2805104	22.170 ug/mlm
20) T n-Hexatriacontane (C36)	20.072	2698541	20.982 ug/mlm
21) T n-Octatriacontane (C38)	20.769	2531251	20.338 ug/ml
22) T n-Tetracontane (C40)	21.541	2352360	18.247 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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