

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100422AL\
 Data File : FE037943.D
 Signal(s) : FID1B.ch
 Acq On : 04 Oct 2022 22:12
 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 10/05/2022
 Supervised By :Ankita Jodhani 10/05/2022

Integration File: autoint1.e
 Quant Time: Oct 05 04:16:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092822.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 28 06:23:29 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)	11.609	3364747	19.454 ug/ml
Spiked Amount 50.000		Recovery =	38.91%
12) S 1-chlorooctadecane (S...	13.031	2629905	19.457 ug/ml
Spiked Amount 50.000		Recovery =	38.91%
Target Compounds			
1) T n-Nonane (C9)	3.004	3044122	20.669 ug/ml
2) T n-Decane (C10)	4.261	3111752	21.047 ug/ml
3) T A~Naphthalene (C11.7)	5.979	2914351	21.282 ug/ml
4) T n-Dodecane (C12)	6.434	3172339	20.818 ug/ml
5) T A~2-methylnaphthalene...	7.072	2819622	21.215 ug/ml
6) T n-Tetradecane (C14)	8.253	3184550	20.807 ug/ml
7) T n-Hexadecane (C16)	9.852	3210105	20.551 ug/ml
8) T n-Octadecane (C18)	11.287	3219057	20.069 ug/ml
10) T n-Eicosane (C20)	12.588	3197518	19.608 ug/ml
11) T n-Heneicosane (C21)	13.197	3166106	19.216 ug/ml
13) T n-Docosane (C22)	13.779	3180795	19.323 ug/ml
14) T n-Tetracosane (C24)	14.877	3096185	18.879 ug/ml
15) T n-Hexacosane (C26)	15.892	2990362	18.339 ug/ml
16) T n-Octacosane (C28)	16.837	2943253	18.372 ug/ml
17) T n-Tricontane (C30)	17.719	3001076	18.754 ug/ml
18) T n-Dotriacontane (C32)	18.548	2985453	18.959 ug/ml
19) T n-Tetratriacontane (C34)	19.327	2774310	18.726 ug/ml
20) T n-Hexatriacontane (C36)	20.062	2812818	19.511 ug/ml
21) T n-Octatriacontane (C38)	20.760	2731976	20.132 ug/ml
22) T n-Tetracontane (C40)	21.527	2885052	22.664 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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