

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091422AL\
 Data File : FE037543.D
 Signal(s) : FID1B.ch
 Acq On : 14 Sep 2022 12:31
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/15/2022
 Supervised By :Ankita Jodhani 09/15/2022

Integration File: autoint1.e
 Quant Time: Sep 15 04:47:23 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)	11.627	3237933	19.160 ug/ml
Spiked Amount 50.000		Recovery =	38.32%
12) S 1-chlorooctadecane (S...	13.050	2505428	19.467 ug/ml
Spiked Amount 50.000		Recovery =	38.93%
Target Compounds			
1) T n-Nonane (C9)	3.018	3010631	19.677 ug/ml
2) T n-Decane (C10)	4.275	3202084	20.769 ug/ml
3) T A~Naphthalene (C11.7)	5.991	3254578	22.590 ug/ml
4) T n-Dodecane (C12)	6.449	3244575	20.518 ug/ml
5) T A~2-methylnaphthalene...	7.084	3177590	22.760 ug/ml
6) T n-Tetradecane (C14)	9.869	3199979	20.195 ug/ml
7) T n-Hexadecane (C16)	9.869	3199979	20.195 ug/ml
8) T n-Octadecane (C18)	11.305	3178551	19.960 ug/ml
10) T n-Eicosane (C20)	12.608	3113860	19.680 ug/ml
11) T n-Heneicosane (C21)	13.217	3063180	19.425 ug/ml
13) T n-Docosane (C22)	13.801	3074335	19.749 ug/ml
14) T n-Tetracosane (C24)	14.898	3020655	20.084 ug/ml
15) T n-Hexacosane (C26)	15.914	2920263	20.167 ug/ml
16) T n-Octacosane (C28)	16.859	2901698	20.945 ug/ml
17) T n-Tricontane (C30)	17.744	3013505	22.153 ug/ml
18) T n-Dotriacontane (C32)	18.570	3050117	22.842 ug/ml
19) T n-Tetratriacontane (C34)	19.350	2908878	22.990 ug/ml
20) T n-Hexatriacontane (C36)	20.089	2923104	22.728 ug/mlm
21) T n-Octatriacontane (C38)	20.786	2835408	22.782 ug/ml
22) T n-Tetracontane (C40)	21.565	2954198	22.916 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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