

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092022AL\
 Data File : FE037675.D
 Signal(s) : FID1B.ch
 Acq On : 20 Sep 2022 10:24
 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 09/20/2022
 Supervised By :Ankita Jodhani 09/21/2022

Integration File: sample.E
 Quant Time: Sep 20 11:36:44 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)	11.621	3072389	18.181 ug/ml
Spiked Amount 50.000		Recovery =	36.36%
12) S 1-chlorooctadecane (S...	13.044	2359791	18.336 ug/ml
Spiked Amount 50.000		Recovery =	36.67%
Target Compounds			
1) T n-Nonane (C9)	3.016	2798220	18.288 ug/mlm
2) T n-Decane (C10)	4.276	2945804	19.107 ug/ml
3) T A~Naphthalene (C11.7)	5.993	2753062	19.109 ug/ml
4) T n-Dodecane (C12)	6.448	3008149	19.023 ug/ml
5) T A~2-methylnaphthalene...	7.086	2634604	18.871 ug/ml
6) T n-Tetradecane (C14)	9.865	3001587	18.943 ug/ml
7) T n-Hexadecane (C16)	9.865	3001587	18.943 ug/ml
8) T n-Octadecane (C18)	11.300	2977845	18.700 ug/ml
10) T n-Eicosane (C20)	12.601	2917382	18.439 ug/ml
11) T n-Heneicosane (C21)	13.210	2878031	18.251 ug/ml
13) T n-Docosane (C22)	13.791	2894840	18.596 ug/ml
14) T n-Tetracosane (C24)	14.889	2851440	18.959 ug/ml
15) T n-Hexacosane (C26)	15.904	2783526	19.223 ug/ml
16) T n-Octacosane (C28)	16.849	2808456	20.272 ug/ml
17) T n-Tricontane (C30)	17.732	2993189	22.004 ug/ml
18) T n-Dotriacontane (C32)	18.560	3077060	23.043 ug/ml
19) T n-Tetratriacontane (C34)	19.339	2916968	23.054 ug/ml
20) T n-Hexatriacontane (C36)	20.075	2930867	22.788 ug/mlm
21) T n-Octatriacontane (C38)	20.771	2887933	23.204 ug/mlm
22) T n-Tetracontane (C40)	21.544	2920132	22.652 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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