

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112522AL\
 Data File : FE038947.D
 Signal(s) : FID1B.ch
 Acq On : 25 Nov 2022 09:56
 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 11/28/2022
 Supervised By :Ankita Jodhani 11/28/2022

Integration File: autoint1.e
 Quant Time: Nov 28 03:00:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 111922.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 19 05:37:37 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)	11.958	3026501	19.346 ug/ml
Spiked Amount 50.000		Recovery =	38.69%
12) S 1-chlorooctadecane (S...	13.392	2303728	19.080 ug/ml
Spiked Amount 50.000		Recovery =	38.16%
Target Compounds			
1) T n-Nonane (C9)	3.349	2714308	19.149 ug/ml
2) T n-Decane (C10)	4.599	2678527	19.218 ug/ml
3) T A~Naphthalene (C11.7)	6.304	3080914	19.370 ug/ml
4) T n-Dodecane (C12)	6.763	2713484	19.250 ug/ml
5) T A~2-methylnaphthalene...	7.398	2882772	19.261 ug/ml
6) T n-Tetradecane (C14)	8.589	2757713	19.309 ug/ml
7) T n-Hexadecane (C16)	10.195	2827477	19.338 ug/ml
8) T n-Octadecane (C18)	11.638	2847031	19.348 ug/ml
10) T n-Eicosane (C20)	12.947	2748388	19.360 ug/ml
11) T n-Heneicosane (C21)	13.560	2736061	19.255 ug/ml
13) T n-Docosane (C22)	14.145	2688818	19.235 ug/ml
14) T n-Tetracosane (C24)	15.248	2649477	19.185 ug/ml
15) T n-Hexacosane (C26)	16.268	2591724	19.296 ug/ml
16) T n-Octacosane (C28)	17.218	2610865	19.660 ug/ml
17) T n-Tricontane (C30)	18.105	2688983	20.362 ug/ml
18) T n-Dotriacontane (C32)	18.939	2777846	20.829 ug/ml
19) T n-Tetratriacontane (C34)	19.721	2750514	20.786 ug/ml
20) T n-Hexatriacontane (C36)	20.463	2692500	20.958 ug/ml
21) T n-Octatriacontane (C38)	21.204	2690790	20.535 ug/mlm
22) T n-Tetracontane (C40)	22.125	2689563	19.752 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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