

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110922AL\
 Data File : FE038697.D
 Signal(s) : FID1B.ch
 Acq On : 10 Nov 2022 06:04
 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 11/10/2022
 Supervised By :Ankita Jodhani 11/10/2022

Integration File: autoint1.e
 Quant Time: Nov 10 06:28:14 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102522.M
 Quant Title : GC Extractables
 Qlast Update : Wed Oct 26 04:49:29 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)	11.967	3144701	18.276 ug/ml
Spiked Amount 50.000		Recovery =	36.55%
12) S 1-chlorooctadecane (S...	13.401	2477866	18.100 ug/ml
Spiked Amount 50.000		Recovery =	36.20%
Target Compounds			
1) T n-Nonane (C9)	3.360	3015510	19.580 ug/ml
2) T n-Decane (C10)	4.609	3074551	19.807 ug/ml
3) T A~Naphthalene (C11.7)	6.314	3287979	19.415 ug/ml
4) T n-Dodecane (C12)	6.772	3078030	19.704 ug/ml
5) T A~2-methylnaphthalene...	7.408	3217002	19.196 ug/ml
6) T n-Tetradecane (C14)	8.597	3043723	19.463 ug/ml
7) T n-Hexadecane (C16)	10.204	3025090	19.147 ug/ml
8) T n-Octadecane (C18)	11.647	2997772	18.715 ug/ml
10) T n-Eicosane (C20)	12.955	2937559	18.231 ug/ml
11) T n-Heneicosane (C21)	13.567	2913001	18.033 ug/ml
13) T n-Docosane (C22)	14.153	2901197	17.971 ug/ml
14) T n-Tetracosane (C24)	15.255	2888842	18.010 ug/ml
15) T n-Hexacosane (C26)	16.275	2846928	17.924 ug/ml
16) T n-Octacosane (C28)	17.225	2927107	18.657 ug/ml
17) T n-Tricontane (C30)	18.113	3135232	19.650 ug/ml
18) T n-Dotriacontane (C32)	18.943	3337252	21.166 ug/ml
19) T n-Tetratriacontane (C34)	19.725	3196732	21.684 ug/mlm
20) T n-Hexatriacontane (C36)	20.466	3207965	22.451 ug/ml
21) T n-Octatriacontane (C38)	21.210	2883612	21.350 ug/mlm
22) T n-Tetracontane (C40)	22.138	3073933	24.352 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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