

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120622AL\
 Data File : FE039144.D
 Signal(s) : FID1B.ch
 Acq On : 06 Dec 2022 08:52
 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 12/06/2022
 Supervised By :Ankita Jodhani 12/07/2022

Integration File: autoint1.e
 Quant Time: Dec 06 10:55:41 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\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)	11.945	3125536	19.979 ug/ml
Spiked Amount 50.000		Recovery =	39.96%
12) S 1-chlorooctadecane (S...	13.379	2381667	19.726 ug/ml
Spiked Amount 50.000		Recovery =	39.45%
Target Compounds			
1) T n-Nonane (C9)	3.339	2650817	18.701 ug/ml
2) T n-Decane (C10)	4.589	2593682	18.609 ug/ml
3) T A~Naphthalene (C11.7)	6.292	3003576	18.884 ug/ml
4) T n-Dodecane (C12)	6.752	2642822	18.749 ug/ml
5) T A~2-methylnaphthalene...	7.386	2830620	18.913 ug/ml
6) T n-Tetradecane (C14)	8.578	2697577	18.888 ug/ml
7) T n-Hexadecane (C16)	10.184	2807280	19.200 ug/ml
8) T n-Octadecane (C18)	11.626	2883111	19.593 ug/ml
10) T n-Eicosane (C20)	12.935	2824264	19.894 ug/ml
11) T n-Heneicosane (C21)	13.546	2841897	19.999 ug/ml
13) T n-Docosane (C22)	14.132	2816002	20.145 ug/ml
14) T n-Tetracosane (C24)	15.234	2801422	20.285 ug/ml
15) T n-Hexacosane (C26)	16.254	2736242	20.372 ug/ml
16) T n-Octacosane (C28)	17.205	2695183	20.295 ug/ml
17) T n-Tricontane (C30)	18.093	2649284	20.061 ug/ml
18) T n-Dotriacontane (C32)	18.925	2620735	19.651 ug/ml
19) T n-Tetratriacontane (C34)	19.706	2525684	19.087 ug/mlm
20) T n-Hexatriacontane (C36)	20.448	2378660	18.515 ug/mlm
21) T n-Octatriacontane (C38)	21.186	2453505	18.724 ug/ml
22) T n-Tetracontane (C40)	22.105	2426209	17.818 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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