

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101222AL\
 Data File : FD044101.D
 Signal(s) : FID2B.ch
 Acq On : 12 Oct 2022 10:37
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/13/2022
 Supervised By :Ankita Jodhani 10/14/2022

Integration File: autoint1.e
 Quant Time: Oct 13 07:52:48 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 100522.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 06 01:41:44 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)	11.303	3441709	21.865 ug/ml
Spiked Amount 50.000		Recovery =	43.73%
12) S 1-chlorooctadecane (S...	12.721	2730913	21.715 ug/ml
Spiked Amount 50.000		Recovery =	43.43%
Target Compounds			
1) T n-Nonane (C9)	3.139	2883680	21.357 ug/ml
2) T n-Decane (C10)	4.187	2958258	22.019 ug/ml
3) T A~Naphthalene (C11.7)	5.757	3010874	22.534 ug/ml
4) T n-Dodecane (C12)	6.183	3020110	21.734 ug/ml
5) T A~2-methylnaphthalene...	6.803	3071339	23.621 ug/mlm
6) T n-Tetradecane (C14)	7.964	3036253	21.809 ug/ml
7) T n-Hexadecane (C16)	9.552	3114397	22.080 ug/ml
8) T n-Octadecane (C18)	10.981	3182590	21.887 ug/ml
10) T n-Eicosane (C20)	12.280	3248750	21.909 ug/ml
11) T n-Heneicosane (C21)	12.886	3245208	21.630 ug/ml
13) T n-Docosane (C22)	13.468	3352721	22.300 ug/ml
14) T n-Tetracosane (C24)	14.560	3502392	23.205 ug/ml
15) T n-Hexacosane (C26)	15.571	3499099	23.110 ug/ml
16) T n-Octacosane (C28)	16.512	3448922	22.892 ug/ml
17) T n-Tricontane (C30)	17.389	3469318	22.635 ug/ml
18) T n-Dotriacontane (C32)	18.213	3301476	21.528 ug/ml
19) T n-Tetratriacontane (C34)	18.987	2997735	20.363 ug/ml
20) T n-Hexatriacontane (C36)	19.716	2816955	19.213 ug/mlm
21) T n-Octatriacontane (C38)	20.408	2923176	20.954 ug/mlm
22) T n-Tetracontane (C40)	21.168	2500895	19.229 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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