

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101722AL\
 Data File : FE038191.D
 Signal(s) : FID1B.ch
 Acq On : 17 Oct 2022 10:35
 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 10/17/2022
 Supervised By :Ankita Jodhani 10/17/2022

Integration File: autoint1.e
 Quant Time: Oct 17 13:08:38 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092822.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 28 06:23:29 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)	11.602	3185625	18.418 ug/ml
Spiked Amount 50.000		Recovery =	36.84%
12) S 1-chlorooctadecane (S...	13.024	2424730	17.939 ug/ml
Spiked Amount 50.000		Recovery =	35.88%
Target Compounds			
1) T n-Nonane (C9)	2.993	2905755	19.729 ug/ml
2) T n-Decane (C10)	4.251	3066065	20.738 ug/ml
3) T A~Naphthalene (C11.7)	5.972	2879483	21.027 ug/ml
4) T n-Dodecane (C12)	6.424	3151202	20.680 ug/ml
5) T A~2-methylnaphthalene...	7.066	2873249	21.619 ug/ml
6) T n-Tetradecane (C14)	8.244	3147967	20.568 ug/ml
7) T n-Hexadecane (C16)	9.843	3152083	20.180 ug/ml
8) T n-Octadecane (C18)	11.278	3131739	19.525 ug/ml
10) T n-Eicosane (C20)	12.581	3056695	18.745 ug/ml
11) T n-Heneicosane (C21)	13.188	2995758	18.182 ug/ml
13) T n-Docosane (C22)	13.771	3030685	18.411 ug/ml
14) T n-Tetracosane (C24)	14.869	2942597	17.942 ug/ml
15) T n-Hexacosane (C26)	15.885	2876617	17.641 ug/ml
16) T n-Octacosane (C28)	16.830	2915633	18.200 ug/ml
17) T n-Tricontane (C30)	17.714	3092157	19.323 ug/ml
18) T n-Dotriacontane (C32)	18.543	3139656	19.938 ug/ml
19) T n-Tetratriacontane (C34)	19.323	2919022	19.702 ug/ml
20) T n-Hexatriacontane (C36)	20.059	2847457	19.751 ug/ml
21) T n-Octatriacontane (C38)	20.757	2888227	21.284 ug/ml
22) T n-Tetracontane (C40)	21.526	2971819	23.346 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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