

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082622AL\
 Data File : FE037282.D
 Signal(s) : FID1B.ch
 Acq On : 26 Aug 2022 20:36
 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 08/29/2022
 Supervised By :Ankita Jodhani 08/29/2022

Integration File: autoint1.e
 Quant Time: Aug 27 02:45:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Sat Aug 27 02:21:03 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)	11.657	3395575	19.648 ug/ml
Spiked Amount 50.000		Recovery =	39.30%
12) S 1-chlorooctadecane (S...	13.079	2633361	19.274 ug/ml
Spiked Amount 50.000		Recovery =	38.55%
Target Compounds			
1) T n-Nonane (C9)	3.052	3117053	20.923 ug/ml
2) T n-Decane (C10)	4.308	3172053	21.176 ug/ml
3) T A~Naphthalene (C11.7)	6.025	3144303	21.720 ug/ml
4) T n-Dodecane (C12)	6.479	3238898	20.951 ug/ml
5) T A~2-methylnaphthalene...	7.117	3077721	22.247 ug/ml
6) T n-Tetradecane (C14)	9.898	3245092	20.632 ug/ml
7) T n-Hexadecane (C16)	9.898	3245092	20.632 ug/ml
8) T n-Octadecane (C18)	11.333	3240892	20.110 ug/ml
10) T n-Eicosane (C20)	12.635	3195827	19.409 ug/ml
11) T n-Heneicosane (C21)	13.244	3159426	19.101 ug/ml
13) T n-Docosane (C22)	13.827	3108311	18.711 ug/ml
14) T n-Tetracosane (C24)	14.925	2986773	18.093 ug/ml
15) T n-Hexacosane (C26)	15.941	2872894	17.620 ug/ml
16) T n-Octacosane (C28)	16.886	2780529	17.512 ug/ml
17) T n-Tricontane (C30)	17.768	2806936	18.073 ug/mlm
18) T n-Dotriacontane (C32)	18.597	2835096	19.007 ug/ml
19) T n-Tetratriacontane (C34)	19.376	2710822	20.175 ug/mlm
20) T n-Hexatriacontane (C36)	20.113	2724981	21.226 ug/ml
21) T n-Octatriacontane (C38)	20.810	2717885	22.640 ug/ml
22) T n-Tetracontane (C40)	21.597	2797852	23.165 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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