

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011822AL\
 Data File : FC057990.D
 Signal(s) : FID1A.CH
 Acq On : 19 Jan 2022 4:36
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/19/2022
 Supervised By :Ankita Jodhani 01/19/2022

Integration File: autoint1.e
 Quant Time: Jan 19 04:53:55 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010522.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 12:13:43 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	10.704	4251246	21.986 ug/ml
Spiked Amount 50.000		Recovery =	43.97%
12) S 1-chlorooctadecane (S...	12.141	3232721	21.934 ug/ml
Spiked Amount 50.000		Recovery =	43.87%
Target Compounds			
1) T n-Nonane (C9)	2.632	3780829	23.643 ug/ml
2) T n-Decane (C10)	3.622	3842619	23.907 ug/ml
3) T A~Naphthalene (C11.7)	5.160	4333715	23.867 ug/ml
4) T n-Dodecane (C12)	5.593	3876193	24.034 ug/ml
5) T A~2-methylnaphthalene...	6.200	4357718	23.830 ug/ml
6) T n-Tetradecane (C14)	7.374	3967126	24.030 ug/ml
7) T n-Hexadecane (C16)	8.965	3952178	23.660 ug/ml
8) T n-Octadecane (C18)	10.399	3974165	23.094 ug/ml
10) T n-Eicosane (C20)	11.702	3815724	22.289 ug/ml
11) T n-Heneicosane (C21)	12.311	3784971	21.888 ug/ml
13) T n-Docosane (C22)	12.894	3685354	21.302 ug/ml
14) T n-Tetracosane (C24)	13.993	3552953	20.524 ug/ml
15) T n-Hexacosane (C26)	15.009	3373726	20.047 ug/ml
16) T n-Octacosane (C28)	15.956	3274779	20.012 ug/ml
17) T n-Tricontane (C30)	16.840	3192111	20.446 ug/ml
18) T n-Dotriacontane (C32)	17.670	2961287	21.239 ug/ml
19) T n-Tetratriacontane (C34)	18.450	2681114	21.572 ug/mlm
20) T n-Hexatriacontane (C36)	19.187	2269282	20.411 ug/ml
21) T n-Octatriacontane (C38)	19.893	1942351	18.620 ug/ml
22) T n-Tetracontane (C40)	20.717	1739465	18.166 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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