

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011822AL\
 Data File : FC057980.D
 Signal(s) : FID1A.CH
 Acq On : 18 Jan 2022 22:34
 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 00:44:44 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)	10.703	4248677	21.972 ug/ml
Spiked Amount 50.000		Recovery =	43.94%
12) S 1-chlorooctadecane (S...	12.140	3217613	21.831 ug/ml
Spiked Amount 50.000		Recovery =	43.66%
Target Compounds			
1) T n-Nonane (C9)	2.632	3787499	23.685 ug/ml
2) T n-Decane (C10)	3.621	3846776	23.933 ug/ml
3) T A~Naphthalene (C11.7)	5.159	4326198	23.825 ug/ml
4) T n-Dodecane (C12)	5.593	3886060	24.095 ug/ml
5) T A~2-methylnaphthalene...	6.200	4345506	23.763 ug/ml
6) T n-Tetradecane (C14)	7.374	3969531	24.044 ug/ml
7) T n-Hexadecane (C16)	8.965	3957106	23.690 ug/ml
8) T n-Octadecane (C18)	10.399	3965208	23.042 ug/ml
10) T n-Eicosane (C20)	11.701	3814390	22.281 ug/ml
11) T n-Heneicosane (C21)	12.310	3790171	21.918 ug/ml
13) T n-Docosane (C22)	12.894	3682374	21.285 ug/ml
14) T n-Tetracosane (C24)	13.991	3542995	20.467 ug/ml
15) T n-Hexacosane (C26)	15.008	3365954	20.001 ug/ml
16) T n-Octacosane (C28)	15.954	3269392	19.979 ug/ml
17) T n-Tricontane (C30)	16.839	3187675	20.418 ug/ml
18) T n-Dotriacontane (C32)	17.669	2938797	21.078 ug/ml
19) T n-Tetratriacontane (C34)	18.450	2637094	21.217 ug/mlm
20) T n-Hexatriacontane (C36)	19.186	2245305	20.195 ug/ml
21) T n-Octatriacontane (C38)	19.892	1915947	18.367 ug/ml
22) T n-Tetracontane (C40)	20.717	1751789	18.295 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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