

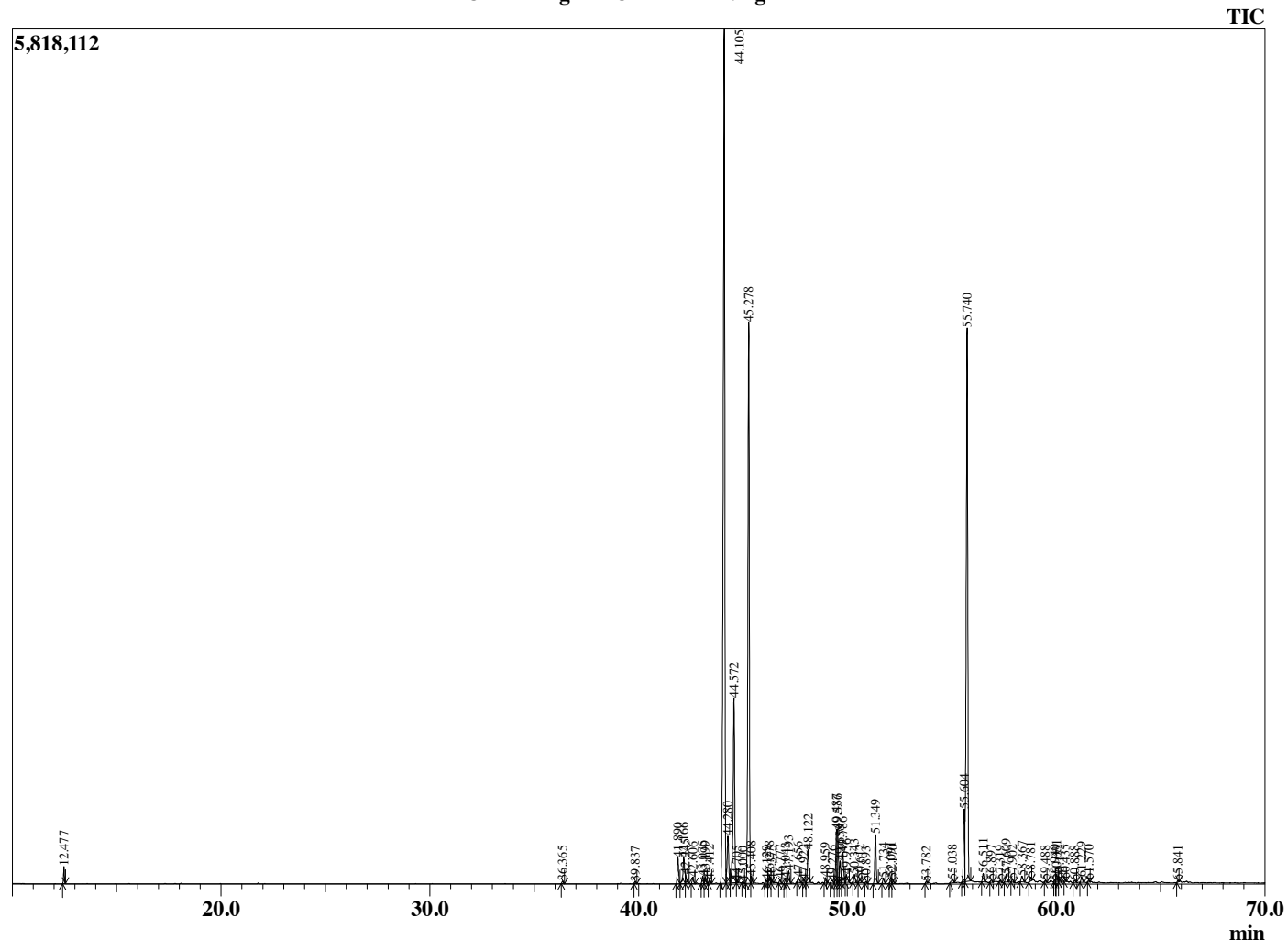
Sample Information

Analyzed by : Dr. Robert S. Pappas
 Analyzed : 9/18/2018 1:38:11 PM
 Sample Type : Essential Oil
 Sample Name : Cedarwood Virginian
 Sample ID : P170426AR
 Injection Volume : 0.10
 Instrument ID: : GC-3

This report is valid for 1 year from the analyzed date.



Chromatogram Cedarwood Virginian



Comments:

The analysis of this Cedarwood Virginian batch sample meets the expected chemical profile for authentic essential oil of *Juniperus virginiana*. No contamination or adulteration was detected.

©Copyright 2018 by Essential Oil University. All rights reserved. Any publishing copying, use, dissemination, or distribution of this report, including online, without the express written permission of Essential Oil University is strictly prohibited.

Peak Report	TIC	Area%
R.Time	Name	
12.477	alpha-Pinene	0.36
36.365	gamma-Neoclovene	0.07
39.837	Unidentified	0.06
41.890	Isoitalicene	0.83
42.166	alpha-Duprezianene	1.03
42.245	7-epi-Sesquithujene	0.23
42.606	Isolongifolene	0.21
43.075	beta-Longipinene	0.23
43.199	alpha-Funebrene	0.23
43.412	di-epi-alpha-Cedrene	0.12
44.105	alpha-Cedrene	33.39
44.280	beta-Caryophyllene	1.71
44.572	beta-Cedrene	6.88
44.705	Unidentified	0.05
45.000	beta-Copaene	0.04
45.278	cis-Thujopsene	19.01
45.408	Isobazzanene	0.22
46.129	Unidentified	0.10
46.278	Prezizaene	0.26
46.375	trans-beta-Farnesene	0.08
46.777	Unidentified	0.12
47.043	alpha-Acoradiene	0.18
47.193	beta-Acoradiene	0.42
47.656	10-epi-beta-Acoradiene	0.20
47.922	gamma-Curcumene	0.10
48.122	beta-Chamigrene	1.09
48.959	beta-Alaskene	0.18
49.276	beta-Himachalene	0.12
49.487	alpha-Cuprenene	1.57
49.536	Pseudowiddrene	1.52
49.658	alpha-Chamigrene	0.67
49.786	Cuparene	1.08
49.956	alpha-Alaskene	0.32
50.343	Dihydrothujopsene	0.26
50.612	Cuprenene isomer	0.12
50.893	trans-gamma-Bisabolene	0.04
51.349	gamma-Cuprenene	1.59
51.734	Epiglobulol	0.19
52.091	delta-Cuprenene	0.21
52.170	8,14-Cedranoxide	0.12
53.782	Unidentified	0.04
55.038	Funebrol	0.17
55.604	Widdrol	2.25
55.740	Cedrol	20.34
56.511	Epicedrol	0.27
56.897	Unidentified	0.08
57.319	alpha-Acorenol	0.05
57.609	1,7-di-epi-alpha-Cedrenal	0.26
57.902	Unidentified	0.09
58.367	Unidentified	0.23
58.781	Cedr-8-en-15-ol	0.12
59.488	Unidentified	0.05
59.940	Unidentified	0.07
60.031	alpha-Bisabolol	0.23
60.171	Unidentified	0.11
60.435	Unidentified	0.05
60.888	Unidentified	0.07
61.229	cis-Thujopsenal	0.19
61.570	trans-Thujopsenal	0.06
65.841	Unidentified	0.04
		100.00