

Sample Information

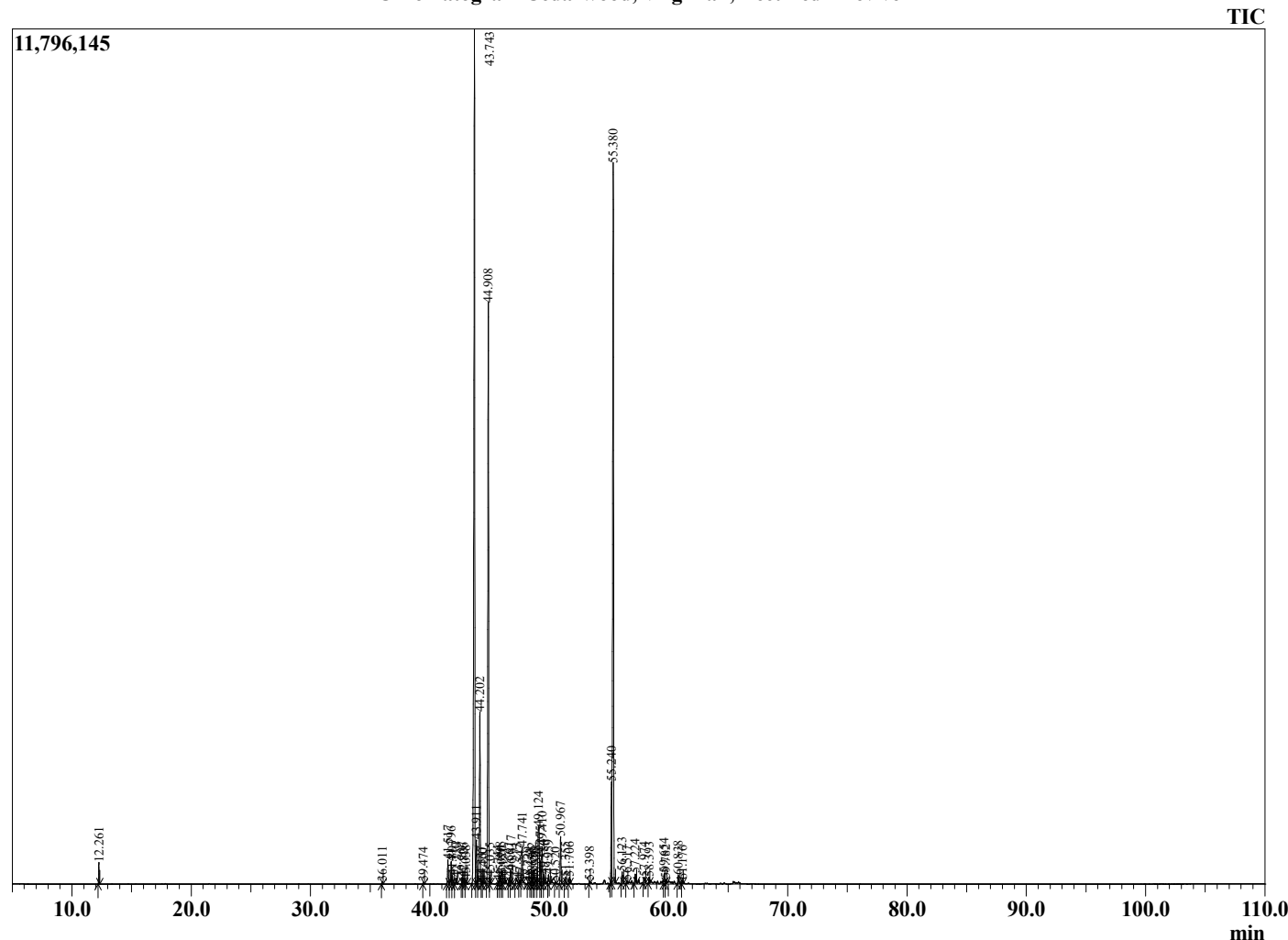
Analyzed by : Dr. Robert S. Pappas
Analyzed : 1/18/2023 7:20:54 PM
Sample Type : Essential Oil
Sample Name : Cedarwood, Virginian, Rectified - Revive
Sample ID : 1D
Injection Volume : 0.10
Instrument ID: : GC-4



Peak Report TIC

R.Time	Name	Area%
12.261	alpha-Pinene	0.43
36.011	unidentified	0.07
39.474	unidentified	0.05
41.517	2-epi-alpha-Funebrene	0.71
41.796	alpha-Duprezianene	0.77
41.893	7-epi-Sesquithujene	0.28
42.230	iso-Longifolene	0.19
42.707	beta-Longipinene	0.19
42.826	alpha-Funebrene	0.21
43.038	Di-epi-alpha-cedrene	0.11
43.743	alpha-Cedrene	30.69
43.911	beta-Caryophyllene	1.48
44.202	beta-Cedrene	5.74
44.337	trans-Cadine-1,4-diene	0.07
44.460	unidentified	0.03
44.908	cis-Thujopsene	18.30
45.035	Isobazzanene	0.17
45.744	beta-Barbatene	0.10
45.898	Prezizaene	0.26
46.020	cis-beta-Farnesene	0.10
46.151	alpha-Humulene	0.08
46.667	alpha-Acoradiene	0.19
46.817	beta-Acoradiene	0.41
47.273	10-epi-beta-Acoradiene	0.28
47.547	gamma-Curcumene	0.10
47.741	beta-Chamigrene	1.07
48.229	beta-Selinene	0.03
48.443	unidentified	0.02
48.582	beta-Alaskene	0.17
48.690	delta-Amorphene	0.05
48.898	Himachalene isomer	0.15
49.124	beta-Himachalene	2.94
49.275	alpha-Chamigrene	0.66
49.410	Cuparene	1.19
49.580	beta-Alaskene	0.40
49.959	alpha-Alaskene	0.32
50.520	trans-gamma-Bisabolene	0.05
50.967	gamma-Cuprenene	1.43
51.355	Viridiflorol	0.20
51.706	delta-Cuprenene	0.20
53.398	unidentified	0.06
55.240	Widdrol	2.83
55.380	Cedrol	25.23
56.123	Cedrol isomer	0.34
56.517	unidentified	0.10
57.224	unidentified	0.30
57.974	unidentified	0.25
58.393	unidentified	0.19
59.654	epi-alpha-Bisabolol	0.33
59.782	5-neo-Cedranol	0.13
60.838	14-Hydroxy-9-epi-Z-Caryophyllene	0.26
61.176	Thujopsenal	0.11
		100.00

Chromatogram Cedarwood, Virginian, Rectified - Revive



Comments:

The analysis of this Cedarwood, Virginia batch sample meets the expected chemical profile for authentic essential oil of *Juniperus virginiana*. No contamination or adulteration was detected. The results provided in this GCMS quality analysis reflect the chemical composition of the oil and lot referenced above on the date of analysis.