

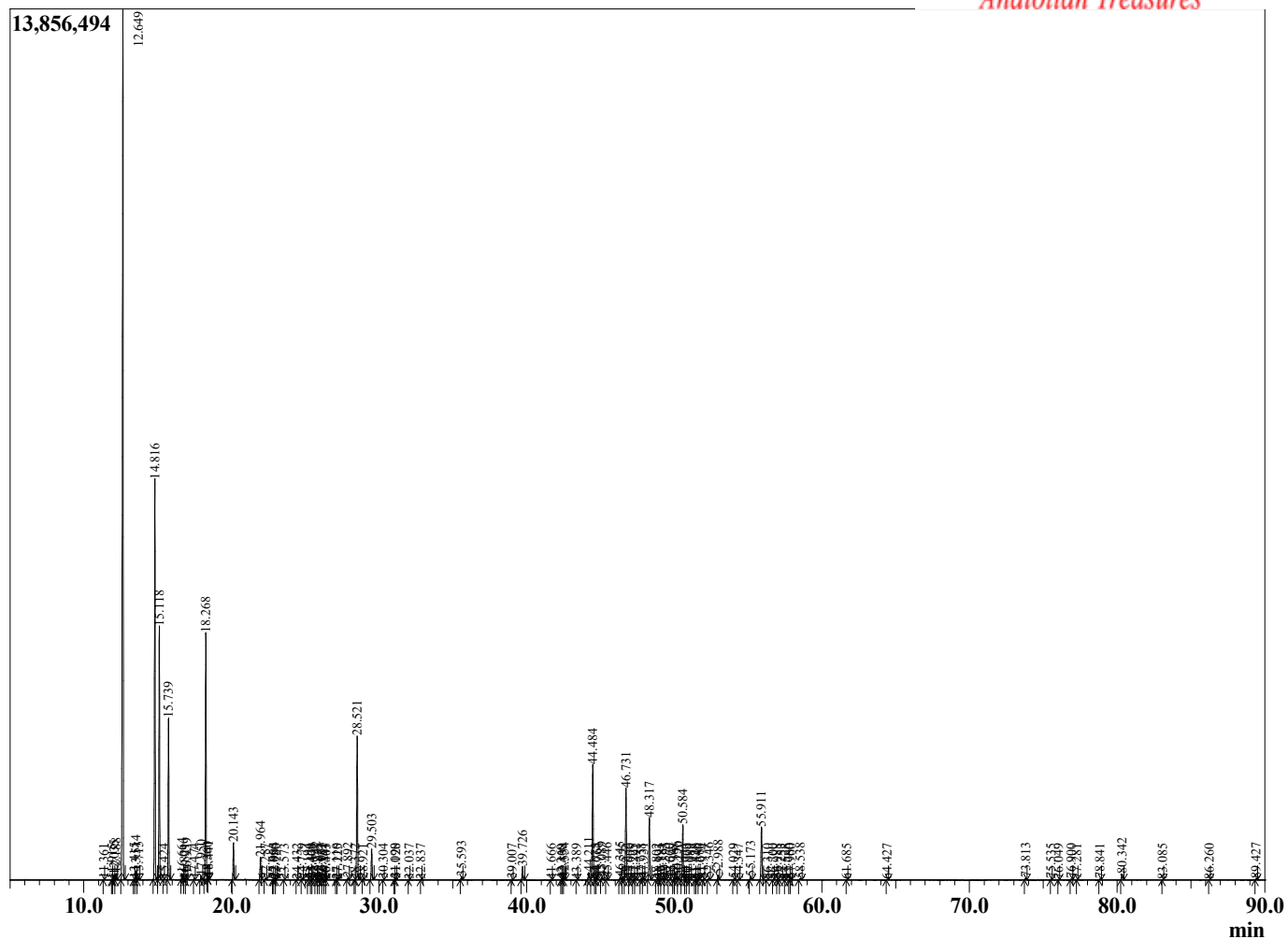
Sample Information

Sample Type : Essential Oil
 Sample Name : Juniperus communis
 Injection Volume : 0.10

Juniper Berry
 Lot# RUE19-EH
 Country: Russia



Chromatogram Juniperus communis



R.Time	Name	Area%
11.361	2,6-Dimethyl-3-Octene	0.02
11.915	Hashishene	0.01
12.035	Tricyclene	0.13
12.188	alpha-Thujene	0.19
12.649	alpha-Pinene	33.84
13.415	alpha-Fenchene	0.04
13.514	Camphene	0.27
13.715	Thuja-2,4(10)-diene	0.07
14.816	Sabinene	13.48
15.118	beta-Pinene	8.03
15.424	Camphene isomer	0.01
15.739	Myrcene	5.21
16.664	Pseudolimonene	0.20
16.821	alpha-Phellandrene	0.01
16.959	delta-3-Carene	0.17
17.474	alpha-Terpinene	0.03
17.950	para-Cymene	0.14
18.268	Limonene	8.57
18.360	beta-Phellandrene	0.01
18.441	1,8-Cineole	0.05
20.143	gamma-Terpinene	1.29
21.964	Terpinolene	0.79
22.287	para-Cymenene	0.03
22.855	Unidentified	0.01
22.904	Linalool	0.05
22.980	trans-Sabinene hydrate	0.01
23.573	Unidentified	0.01
24.432	trans-para-Mentha-2,8-dienol	0.01
24.779	alpha-Campholenal	0.03
25.194	cis-Limonene oxide	0.01
25.408	Terpin-3-en-1-ol	0.02
25.479	Unidentified	0.01
25.742	trans-Pinocarveol	0.08
25.875	Isothujol	0.02
26.063	trans-Verbenol	0.06
26.172	Camphor	0.01
26.341	Unidentified	0.01
26.403	Unidentified	0.01
27.110	trans-Pinocamphone	0.01
27.225	Pinocarvone	0.01
27.892	Borneol	0.06
28.372	Unidentified	0.01
28.521	Terpinen-4-ol	5.75
28.921	para-Cymen-8-ol	0.02
29.503	alpha-Terpineol	1.20
30.304	Verbenone	0.01
31.090	Unidentified	0.01
31.128	trans-Carveol	0.03
32.037	cis-Carveol	0.01
32.837	Carvone	0.01
35.593	Bornyl acetate	0.14
39.007	delta-Elementene	0.02
39.726	alpha-Terpinyl acetate	0.55
41.666	alpha-Copaene	0.02
42.360	Unidentified	0.01
42.438	Unidentified	0.02

R.Time	Name	Area%
42.554	beta-Elemene	0.06
43.389	Unidentified	0.01
44.211	alpha-Cedrene	0.40
44.484	beta-Caryophyllene	4.96
44.675	Unidentified	0.01
44.764	beta-Cedrene	0.07
45.089	gamma-Elemene	0.11
45.446	cis-Thujopsene	0.08
46.345	Aromadendrene	0.13
46.575	trans-beta-Farnesene	0.04
46.731	alpha-Humulene	3.97
47.000	Alloaromodendrene	0.03
47.225	alpha-Acoradiene	0.02
47.391	beta-Acoradiene	0.03
47.758	cis-Murrola-4(14),5-diene	0.04
47.931	trans-Cadina-1(6),4-diene	0.06
48.317	Germacrene D	2.58
48.802	beta-Selinene	0.02
48.993	gamma-Amorphene	0.03
49.183	beta-Alaskene	0.07
49.395	alpha-Murolene	0.06
49.660	beta-Himachalene	0.02
49.968	Unidentified	0.05
50.156	alpha-Alaskene	0.14
50.270	gamma-Cadinene	0.12
50.584	delta-Cadinene	2.31
50.773	cis-Calamenene	0.02
50.909	beta-Sesquiphellandrene	0.03
51.089	trans-gamma-Bisabolene	0.02
51.428	Unidentified	0.01
51.540	Unidentified	0.01
51.686	Unidentified	0.03
51.974	Unidentified	0.03
52.346	alpha-Elemol	0.07
52.988	Germacrene B	0.18
54.029	Germacren D-4-ol	0.02
54.347	Caryophyllene oxide	0.03
55.173	allo-Cedrol	0.15
55.911	Cedrol	2.38
56.310	Unidentified	0.01
56.700	epi-Cedrol	0.01
56.988	Unidentified	0.02
57.253	Unidentified	0.03
57.528	Unidentified	0.01
57.780	epi-alpha-Cadinol	0.01
57.900	tau-Cadinol	0.02
58.538	alpha-Cadinol	0.07
61.685	Unidentified	0.01
64.427	Cedryl acetate	0.03
73.813	meta-Camphorene	0.08
75.535	para-Camphorene	0.02
76.049	Manool oxide	0.01
76.900	Sclarene	0.04
77.281	Abieta-8,12-diene	0.00
78.841	Abietatriene	0.04
80.342	Abietadiene	0.28
83.085	Abieta-(8(14),13(15)-diene	0.01
86.260	Unidentified	0.01
89.427	4-epi-Abietal	0.06
		100.00