

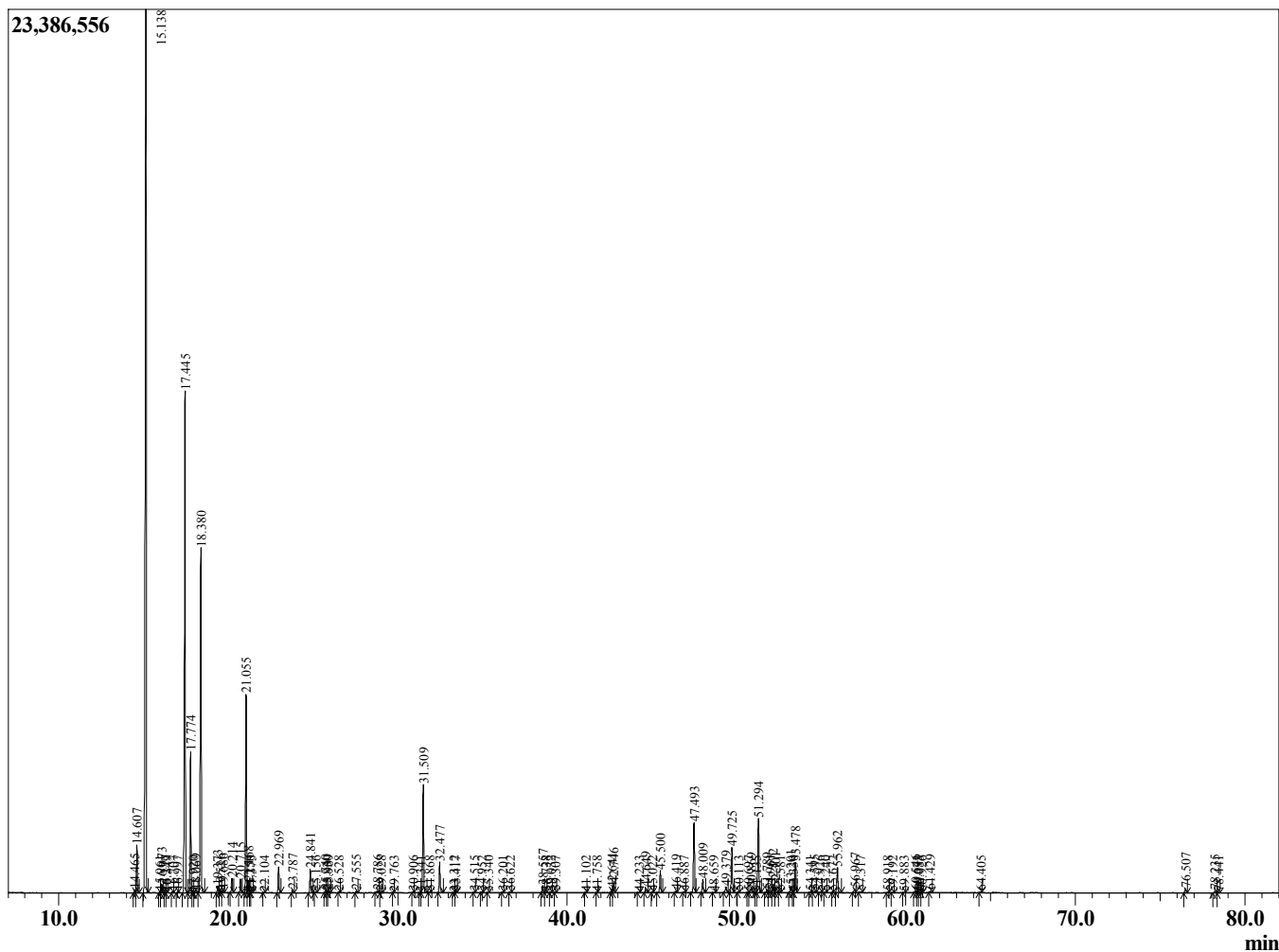
Sample Information

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

Juniper Bosnia  
 Lot# BOK01-KT  
 Country: Bosnia



Chromatogram Juniperus communis



R.Time	Name	Area%
14.465	Tricyclene	0.08
14.607	alpha-Thujene	1.41
15.138	alpha-Pinene	35.11
15.961	alpha-Fenchene	0.02
16.073	Camphene	0.25
16.277	Thuja-2,4(10)diene	0.02
16.349	Unidentified	0.02
16.707	Unidentified	0.03
16.997	Unidentified	0.02
17.445	Sabinene	16.77
17.774	beta-Pinene	4.17
17.920	Unidentified	0.01
18.069	Camphene isomer	0.09
18.380	Myrcene	11.70
19.373	Pseudolimonene	0.21
19.526	alpha-Phellandrene	0.07
19.686	delta-3-Carene	0.09
20.214	alpha-Terpinene	0.45
20.715	para-Cymene	0.45
21.055	Limonene	6.58
21.168	beta-Phellandrene	0.34
21.250	1,8-cineole	0.03
21.375	cis-beta-Ocimene	0.01
22.104	trans-beta-Ocimene	0.01
22.969	gamma-Terpinene	0.86
23.787	trans-Sabinene hydrate	0.10
24.841	Terpinolene	0.79
25.156	para-Cymenene	0.03
25.740	Linalool	0.06
25.830	Unidentified	0.02
25.909	cis-Sabinene hydrate	0.06
26.528	Unidentified	0.03
27.555	cis-para-Menth-2-en-1-ol	0.05
28.786	trans-para-Menth-2-en-1-ol	0.07
29.028	cis-Verbenol	0.03
29.763	trans-beta-Terpineol	0.01
30.906	Borneol	0.02
31.341	Unidentified	0.01
31.509	Terpinen-4-ol	4.00
31.868	para-Cymen-8-ol	0.04
32.477	alpha-Terpineol	1.13
33.312	Verbenone	0.01
33.417	cis-Piperitol	0.02
34.515	Citronellol	0.02
34.952	Unidentified	0.04
35.340	Unidentified	0.01
36.201	Unidentified	0.02
36.622	Methyl citronellate	0.02
38.557	Bornyl acetate	0.24
38.738	Isobornyl acetate	0.02
39.032	2-Undecanone	0.03
39.307	gamma-Terpinene	0.02
41.102	Myrtenyl acetate	0.01
41.758	delta-Elementene	0.01
42.641	alpha-Terpinyl acetate	0.15
42.746	alpha-Cubebene	0.30

R.Time	Name	Area%
44.233	Unidentified	0.02
44.649	alpha-Copaene	0.19
45.022	Elemene isomer	0.03
45.500	beta-Elemene	0.87
46.419	alpha-Gurjunene	0.05
46.887	Junipene	0.03
47.493	beta-Caryophyllene	2.84
48.009	gamma-Elemene	0.55
48.659	Aromadendrene	0.02
49.379	trans-beta-Farnesene	0.27
49.725	alpha-Humulene	1.79
50.113	Unidentified	0.02
50.697	10-beta-H-Cadina-1(6),4-diene	0.02
50.869	trans-Cadina-1(6),4-diene	0.18
51.135	alpha-Amorphene	0.01
51.294	Germacrene D	2.96
51.789	beta-Selinene	0.12
51.961	trans-Muurolo-4(14),5-diene	0.08
52.172	Bicyclogermacrene	0.34
52.301	alpha-Muuroloene	0.17
52.581	Unidentified	0.01
53.201	gamma-Cadinene	0.24
53.330	Cubebol	0.01
53.478	delta-Cadinene	1.14
54.341	trans-Cadina-1,4-diene	0.02
54.595	alpha-Cadinene	0.07
54.926	Selina-3,7(11)-diene	0.03
55.240	Elemol	0.02
55.672	Unidentified	0.01
55.962	Germacrene B	1.02
56.967	Unidentified	0.17
57.317	Caryophyllene oxide	0.06
58.918	Humulene epoxide II	0.03
59.192	Unidentified	0.01
59.883	1-epi-Cubenol	0.01
60.546	Unidentified	0.07
60.673	tau-Cadinol	0.03
60.783	epi-alpha-Cadinol	0.04
60.926	delta-Cadinol	0.01
61.429	alpha-Cadinol	0.05
64.405	Unidentified	0.02
76.507	Myrcene dimer I	0.16
78.235	Myrcene dimer II	0.06
78.441	Manool	0.01
		100.00