

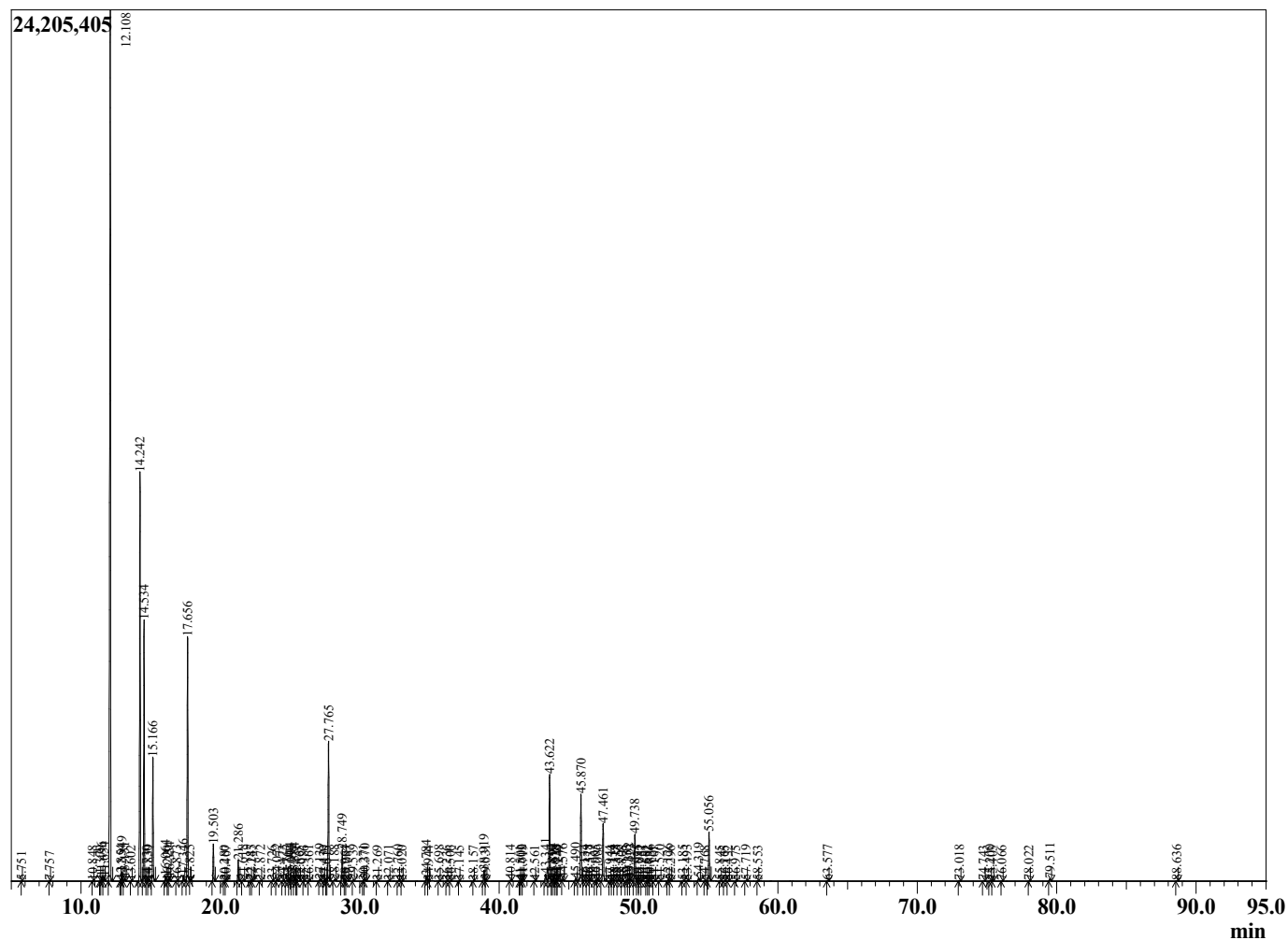
Sample Information

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

Juniper Berry
Lot# RUD18-DE
Country: Russia



Chromatogram *Juniperus communis*



Peak Report TIC

R.Time	Name	Area%
5.751	Toluene	0.00
7.757	Unidentified	0.00
10.848	Dimethyl octene isomer	0.01
11.379	Hashishene	0.01
11.496	Tricyclene	0.11
11.654	alpha-Thujene	0.12
12.108	alpha-Pinene	36.13
12.854	alpha-Fenchene	0.04
12.949	Camphene	0.28
13.151	Thuja-2,4(10)-diene	0.11
13.602	Menthatriene isomer	0.01
14.242	Sabinene	13.92
14.534	beta-Pinene	8.41
14.730	Unidentified	0.01
14.839	Unidentified	0.01
15.166	Myrcene	3.92
16.064	Pseudolimonene + Menthatriene isomer	0.19
16.220	alpha-Phellandrene	0.01
16.354	delta-3-Carene	0.11
16.873	alpha-Terpinene	0.02
17.346	para-Cymene	0.20
17.656	Limonene	8.57
17.825	1,8-Cineole	0.00
19.503	gamma-Terpinene	1.26
20.280	trans-Sabinene hydrate	0.01
20.407	Pinol	0.01
21.286	Terpinolene	0.76
21.618	para-Cymenene	0.04
22.187	alpha-Pinene oxide	0.04
22.245	Linalool	0.02
22.872	Unidentified	0.02
23.726	trans-para-Mentha-2,8-dien-1-ol	0.01
24.072	alpha-Campholenal	0.06
24.472	cis-Limonene oxide	0.01
24.762	trans-Limonene oxide	0.04
25.004	trans-Pinocarveol	0.11
25.094	Unidentified	0.04
25.334	trans-Verbenol	0.11
25.431	Camphor	0.01
25.665	alpha-Phellandrene-8-ol	0.03
25.986	Unidentified	0.00
26.361	trans-Pinocamphone	0.01
27.139	Borneol	0.05
27.430	Isopinocamphe	0.01
27.615	Unidentified	0.01
27.765	Terpinen-4-ol	5.50
28.188	para-Cymen-8-ol	0.05
28.749	alpha-Terpineol	1.23
28.964	Unidentified	0.01
29.087	cis-Piperitol	0.03
29.539	Verbenone	0.04
30.271	Fenchyl acetate	0.02
30.370	trans-Carveol	0.07
31.269	cis-Carveol	0.02
32.071	Carvone	0.03
32.760	Unidentified	0.02

R.Time	Name	Area%
33.020	Methyl citronellate	0.01
34.784	Bornyl acetate	0.20
34.944	Isobornyl acetate	0.01
35.698	Unidentified	0.02
36.236	Unidentified	0.01
36.506	Unidentified	0.01
37.145	Unidentified	0.01
38.157	delta-Elemene	0.01
38.919	alpha-Terpinyol acetate	0.44
39.031	gamma-Terpinyol acetate	0.05
40.814	alpha-Copaene	0.03
41.501	alpha-Duprezianene	0.01
41.602	7-epi-Sesquithujene	0.02
41.719	beta-Elemene	0.03
42.561	alpha-Funebrene	0.01
43.341	beta-Funebrene + alpha-Cedrene	0.38
43.622	trans-beta-Caryophyllene	4.60
43.810	beta-Duprezianene	0.02
43.894	beta-Cedrene	0.07
44.038	Unidentified	0.01
44.132	Unidentified	0.01
44.249	gamma-Elemene	0.06
44.576	cis-Thujopsene	0.08
45.490	Humulen-(v1)	0.12
45.870	alpha-Humulene	3.82
46.134	Alloaromodendrene	0.04
46.378	alpha-Acoradiene	0.03
46.537	beta-Acoradiene	0.04
46.905	10-beta-H-Cadina-1(6),4-diene	0.04
47.086	trans-Cadina-1(6),4-diene	0.04
47.461	Germacrene D	2.54
47.944	beta-Selinene	0.01
48.134	gamma-Amorphene	0.02
48.318	beta-Alaskene	0.06
48.555	alpha-Murolene	0.05
48.808	delta-Amorphene	0.01
49.133	Cuparene	0.05
49.302	alpha-Alaskene	0.11
49.423	gamma-Cadinene	0.09
49.738	delta-Cadinene	2.01
49.935	trans-Calamenene	0.02
50.081	beta-Sesquiphellandrene	0.02
50.257	(E)-gamma-Bisabolene	0.01
50.582	trans-Cadina-1,4-diene	0.01
50.692	gamma-Cuprenene	0.01
50.836	alpha-Cadinene	0.02
51.101	Unidentified	0.02
51.520	alpha-Elemol	0.02
52.126	Germacrene B	0.06
52.296	(E)-Nerolidol	0.01
53.185	Germacren D-4-ol	0.02
53.493	Caryophyllene oxide	0.02
54.319	allo-Cedrol	0.14
54.768	Isoshyobunone	0.01
55.056	Cedrol	2.19
55.845	epi-Cedrol	0.01
56.165	Unidentified	0.01
56.432	alpha-Acorenol	0.01
56.975	Unidentified	0.02
57.719	epi-alpha-Cadinol	0.03
58.553	Unidentified	0.01
63.577	Cedryl acetate	0.02

R.Time	Name	Area%
73.018	Myrcene dimer I	0.03
74.743	Myrcene dimer II	0.01
75.200	Manool oxide	0.02
75.403	Unidentified	0.01
76.066	Sclarene	0.01
78.022	Abietatriene	0.02
79.511	Abietadiene	0.11
88.636	Abietal isomer	0.02
		100.00