

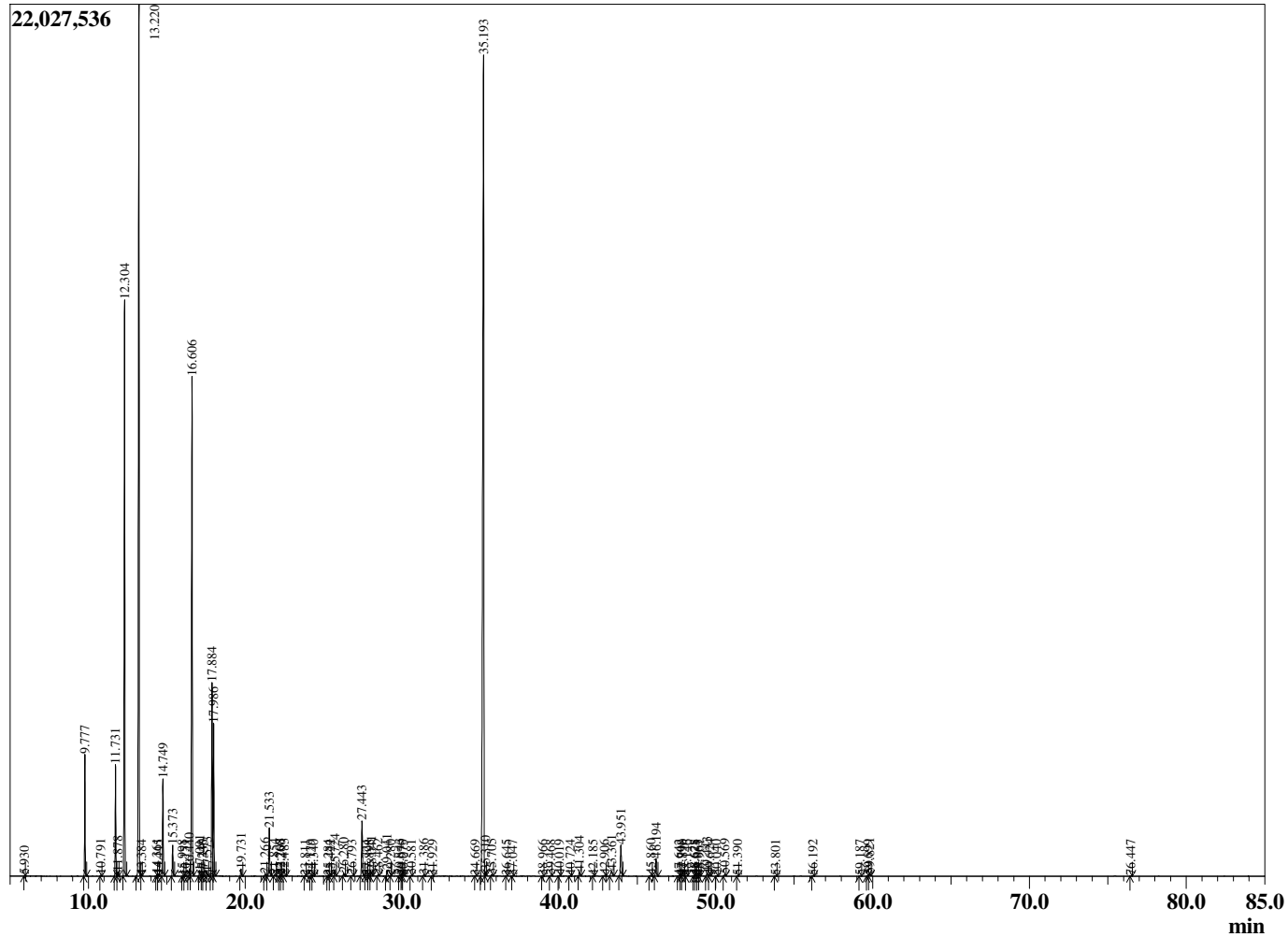
Sample Information

Sample Type : Essential Oil
Sample Name : Abies sibirica
Injection Volume : 0.10

Fir Needle Siberian
Lot# BUX13-XC
Country: Bulgaria



Chromatogram Abies sibirica



R.Time	Name	Peak Report TIC	Area%
5.930	Toluene		0.01
9.777	Santene		2.22
10.791	Unidentified		0.02
11.731	Tricyclene		2.24
11.878	alpha-Thujene		0.09
12.304	alpha-Pinene		12.34
13.220	Camphene + alpha-Fenchene		21.28
13.384	Thuja-2,4(10)-diene		0.01
14.361	Unidentified		0.04
14.445	Sabinene		0.02
14.749	beta-Pinene		2.18
15.373	Myrcene		0.68
15.998	delta-2-Carene		0.01
16.151	para-1,3,8-Menthatriene		0.00
16.440	alpha-Phellandrene		0.18
16.606	delta-3-Carene		12.72
17.091	alpha-Terpinene		0.12
17.240	ortho-Cymene		0.00
17.335	Unidentified		0.01
17.573	para-Cymene		0.10
17.884	Limonene		5.01
17.986	beta-Phellandrene		3.60
19.731	gamma-Terpinene		0.18
21.266	Isoterpinolene		0.06
21.533	Terpinolene		1.25
21.854	para-Cymenene		0.04
22.208	Unidentified		0.03
22.260	Campholenal analogue		0.01
22.483	Unidentified		0.04
23.811	alpha-Fenchol		0.01
24.179	Unidentified		0.01
24.340	alpha-Campholenal		0.01
25.284	trans-Pinocarveol		0.02
25.422	Unidentified		0.01
25.724	Camphor		0.17
26.280	trans-beta-Terpineol		0.08
26.793	para-Mentha-1,5-dien-8-ol		0.03
27.443	Borneol		1.57
27.724	Unidentified		0.01
27.898	Unidentified		0.01
28.041	Terpinen-4-ol		0.13
28.462	para-Cymen-8-ol		0.03
29.041	alpha-Terpineol		0.20
29.280	Estragole		0.00
29.843	Decanal		0.03
29.970	Unidentified		0.01
30.075	Unidentified		0.01
30.581	Fenchyl acetate		0.02
31.386	Thymol methyl ether		0.04
31.929	Unidentified		0.01
34.669	Phellandral		0.01
35.193	Bornyl acetate		30.38
35.310	Isobornyl acetate		0.11
35.705	2-Undecanone		0.04
36.645	Unidentified		0.01
37.047	Unidentified		0.02
38.966	alpha-Terpiny acetate		0.01

R.Time	Name	Area%
39.468	alpha-Longipinene	0.02
40.019	Neryl acetate	0.02
40.724	alpha-Ylangene	0.02
41.304	Geranyl acetate	0.12
42.185	Sativene	0.01
42.906	alpha-Gurjunene	0.03
43.361	Dodecanal	0.23
43.951	beta-Caryophyllene	0.97
45.860	alpha-Himachalene	0.03
46.194	alpha-Humulene	0.55
47.642	Alloaromadendrene	0.02
47.798	Unidentified	0.01
47.890	gamma-Himachalene	0.03
48.146	Unidentified	0.01
48.628	beta-Alaskene	0.02
48.675	Unidentified	0.01
48.865	alpha-Amorphene	0.01
48.961	beta-Himachalene	0.02
49.443	beta-Bisabolene	0.10
49.624	cis-gamma-Bisabolene	0.03
50.040	delta-Amorphene	0.01
50.569	trans-gamma-Bisabolene	0.05
51.390	cis-alpha-Bisabolene	0.01
53.801	Caryophyllene oxide	0.01
56.192	Unidentified	0.02
59.187	Unidentified	0.01
59.699	cis-alpha-Bisabolol	0.02
59.821	trans-alpha-Bisabolol	0.08
76.447	Unidentified	0.01
		100.00