

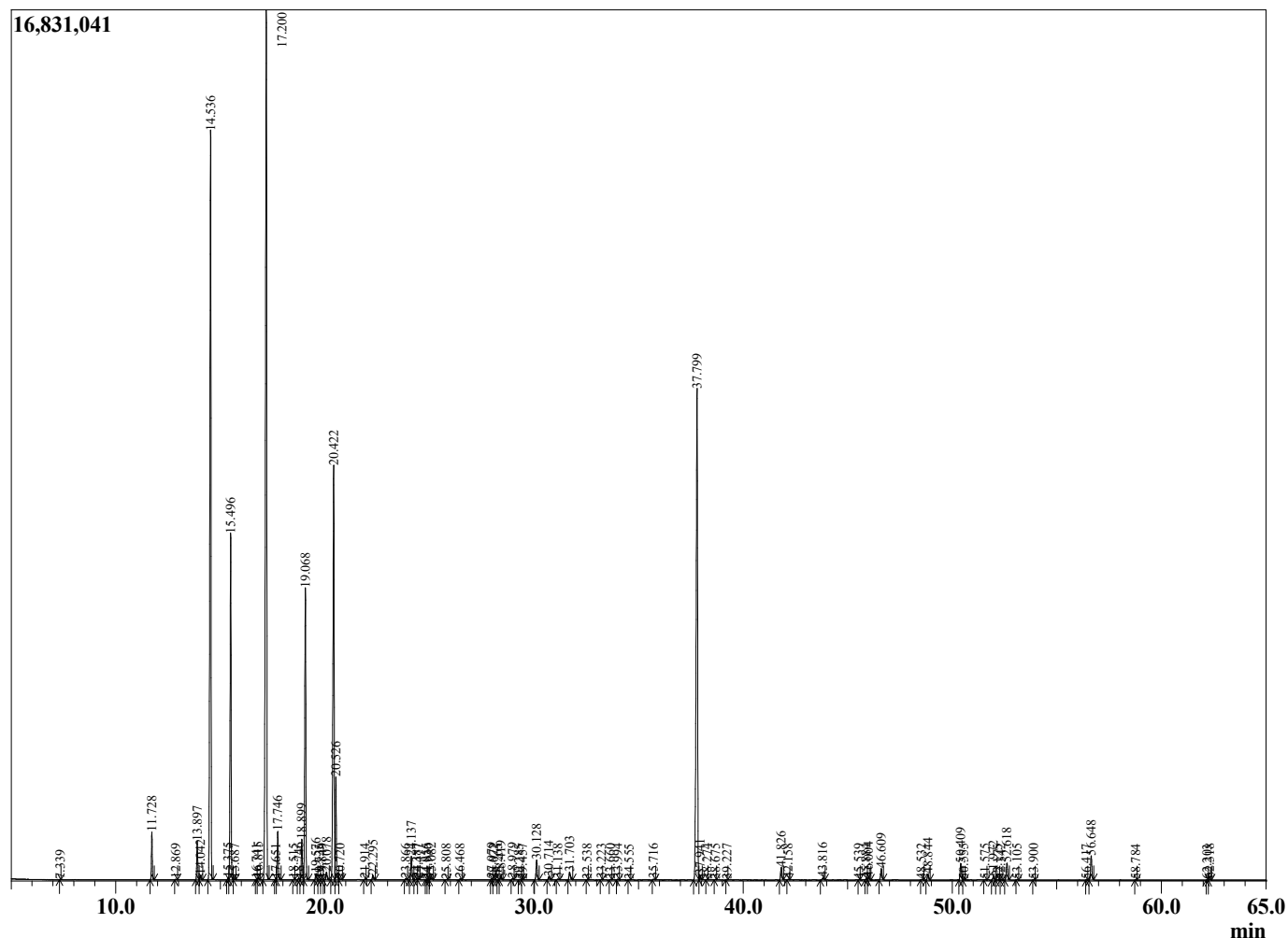
Sample Information

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

Fir Silver Needle
Lot# ASH16-HE
Country: Austria



Chromatogram Abies alba



Peak Report TIC

R.Time	Name	Area%
7.339	Toluene	0.01
11.728	Santene	0.97
12.869	Unidentified	0.01
13.897	Tricyclene	0.85
14.042	alpha-Thujene	0.10
14.536	alpha-Pinene	19.31
15.375	alpha-Fenchene	0.04
15.496	Camphene	8.02
15.687	Thuja-2,4(10)-diene	0.02
16.741	Cymene analogue	0.02
16.815	Sabinene	0.05
17.200	beta-Pinene	25.87
17.651	3-para-Menthene	0.02
17.746	Myrcene	1.12
18.515	1-para-Menthene	0.01
18.746	Psuedolimonene	0.03
18.899	alpha-Phellandrene	1.03
19.068	delta-3-Carene	7.16
19.576	alpha-Terpinene	0.15
19.735	ortho-Cymene	0.00
19.849	Unidentified	0.01
20.078	para-Cymene	0.20
20.422	Limonene	11.56
20.526	beta-Phellandrene	2.33
20.720	Unidentified	0.02
21.914	Melonol	0.01
22.295	gamma-Terpinene	0.12
23.866	Isoterpinolene	0.03
24.137	Terpinolene	0.60
24.387	Fenchone	0.02
24.477	para-Cymenene	0.02
24.855	Unidentified	0.01
24.930	alpha-Campholenal	0.01
25.082	alpha-Pinene oxide	0.04
25.808	Unidentified	0.01
26.468	alpha-Fenchol	0.02
27.979	trans-Pinocarveol	0.04
28.072	Unidentified	0.01
28.265	trans-Verbenol	0.01
28.419	Camphor	0.09
28.979	Camphene hydrate	0.04
29.285	Unidentified	0.01
29.457	Pinocarvone	0.01
30.128	Borneol	0.55
30.714	Terpinen-4-ol	0.09
31.138	para-Cymen-8-ol	0.02
31.703	alpha-Terpineol	0.24
32.538	Verbenone	0.01
33.223	alpha-Fenchyl acetate	0.01
33.660	Nerol	0.01
33.994	Thymol methyl ether	0.02
34.555	Unidentified	0.01
35.716	Piperitone	0.02
37.799	Bornyl acetate	15.86
37.941	Isobornyl acetate	0.12
38.274	Unidentified	0.01

R.Time	Name	Area%
38.675	Unidentified	0.01
39.227	Unidentified	0.01
41.826	alpha-Terpinyl acetate	0.36
42.158	alpha-Longipinene	0.02
43.816	Geranyl acetate	0.06
45.539	Sibirene	0.01
45.884	Dodecanal	0.02
46.004	Longifolene	0.07
46.609	beta-Caryophyllene	0.33
48.532	Unidentified	0.01
48.844	alpha-Humulene	0.18
50.409	Germacrene D	0.51
50.555	Alloaromadendrene	0.01
51.575	beta-Himachalene	0.01
51.972	beta-Bisabolene	0.10
52.175	cis-gamma-Bisabolene	0.01
52.342	gamma-Cadinene	0.01
52.618	delta-Cadinene	0.51
53.105	trans-gamma-Bisabolene	0.01
53.900	trans-alpha-Bisabolene	0.01
56.417	Caryophyllene oxide	0.01
56.648	Globulol	0.73
58.784	Unidentified	0.01
62.203	epi-alpha-Bisabolol	0.01
62.318	alpha-Bisabolol	0.03
		100.00