

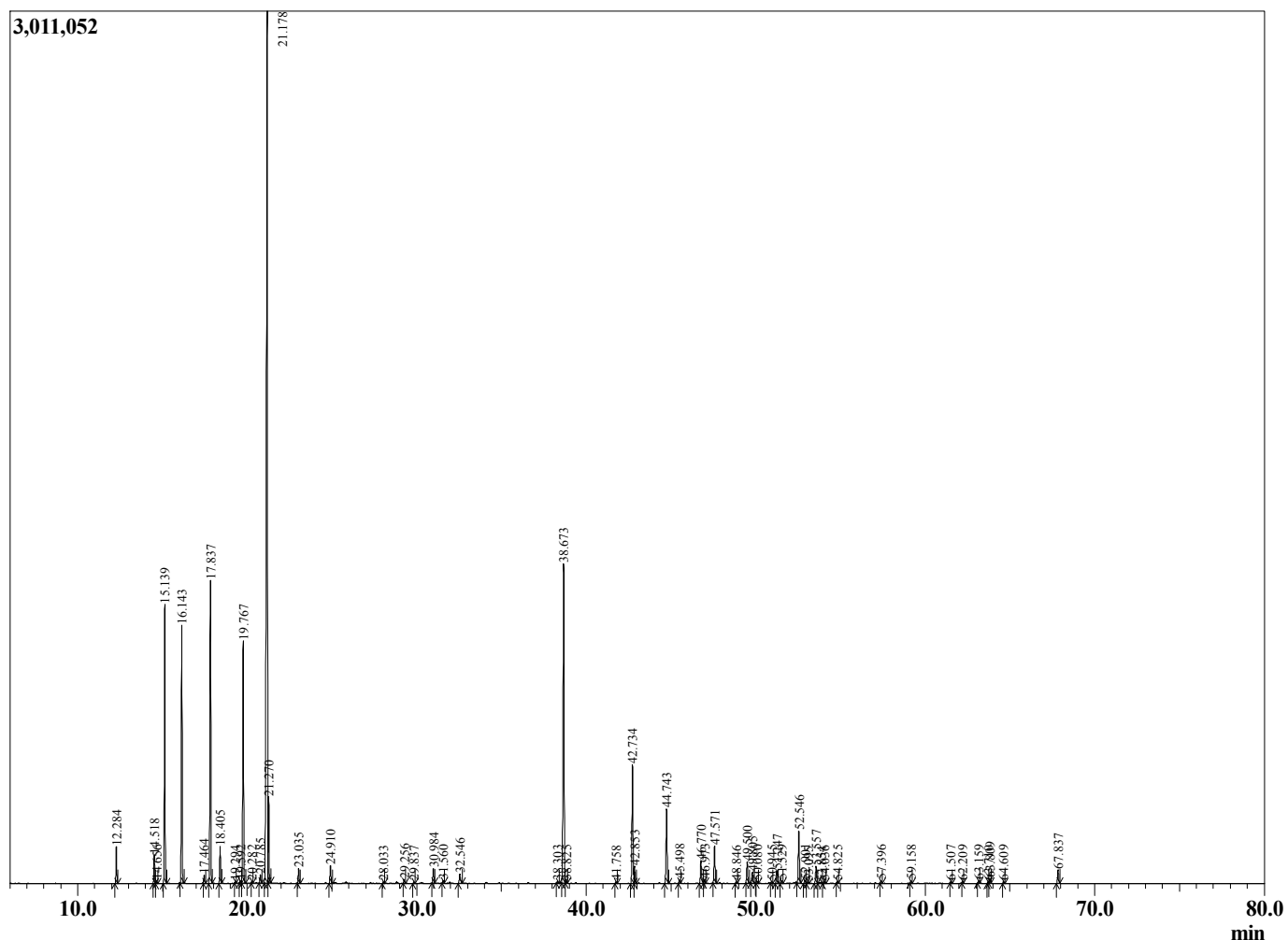
Sample Information

Sample Type : Essential Oil
Sample Name : Abies alba

Fir Silver Needle
Lot# ASF13-FT
Country: Austria



Chromatogram Abies alba



Peak Report TIC

R.Time	Name	Area%
12.284	Santene	0.89
14.518	Tricyclene	0.78
14.656	alpha-Thujene	0.08
15.139	alpha-Pinene	7.45
16.143	Camphene	7.20
17.464	Sabinene	0.24
17.837	beta-Pinene	8.73
18.405	Myrcene	1.04
19.294	Octanal	0.04
19.592	alpha-Phellandrene	0.07
19.767	3-Carene	7.17
20.282	alpha-Terpinene	0.05
20.785	para-Cymene	0.27
21.178	Limonene	33.88
21.270	beta-Phellandrene	2.24
23.035	gamma-Terpinene	0.46
24.910	Terpinolene	0.56
28.033	4-Acetyl-1-methylcyclohexane	0.05
29.256	Camphor	0.12
29.837	trans-beta-Terpineol	0.04
30.984	Borneol	0.48
31.560	Terpinen-4-ol	0.07
32.546	alpha-Terpineol	0.35
38.303	Unidentified	0.06
38.673	Bornyl acetate	11.50
38.825	Isobornyl acetate	0.07
41.758	Unidentified	0.06
42.734	alpha-Terpinyl acetate	4.18
42.853	gamma-Terpinyl acetate	0.57
44.743	alpha-Copaene	2.72
45.498	beta-Cubebene	0.13
46.770	Dodecanal	0.85
46.973	Longifolene	0.14
47.571	trans-beta-Caryophyllene	1.34
48.846	(E)-Vestitenone	0.05
49.500	alpha-Himachalene	0.77
49.805	alpha-Humulene	0.41
50.080	Alloaromadendrene	0.08
50.945	trans-Cadina-1(6),4-diene	0.07
51.247	gamma-Himachalene	0.50
51.529	Unidentified	0.11
52.546	beta-Himachalene	1.90
52.901	beta-Bisabolene	0.13
53.095	alpha-dehydro-ar-Himachalene	0.05
53.557	delta-Cadinene	0.62
53.854	Unidentified	0.07
54.036	Unidentified	0.08
54.825	Unidentified	0.06
57.396	Caryophyllene oxide	0.10
59.158	beta-Himachalene oxide	0.10
61.507	beta-Himachalol	0.06
62.209	(Z)-gamma-Atlantone	0.05
63.159	allo-Himachalol	0.11
63.710	Deodarone (4R,8R)	0.06
63.809	Deodarone (4R,8S)	0.19
64.609	(Z)-alpha-Atlantone	0.07

R.Time	Name	Area%
67.837	(E)-alpha-Atlantone	0.49
		100.00