

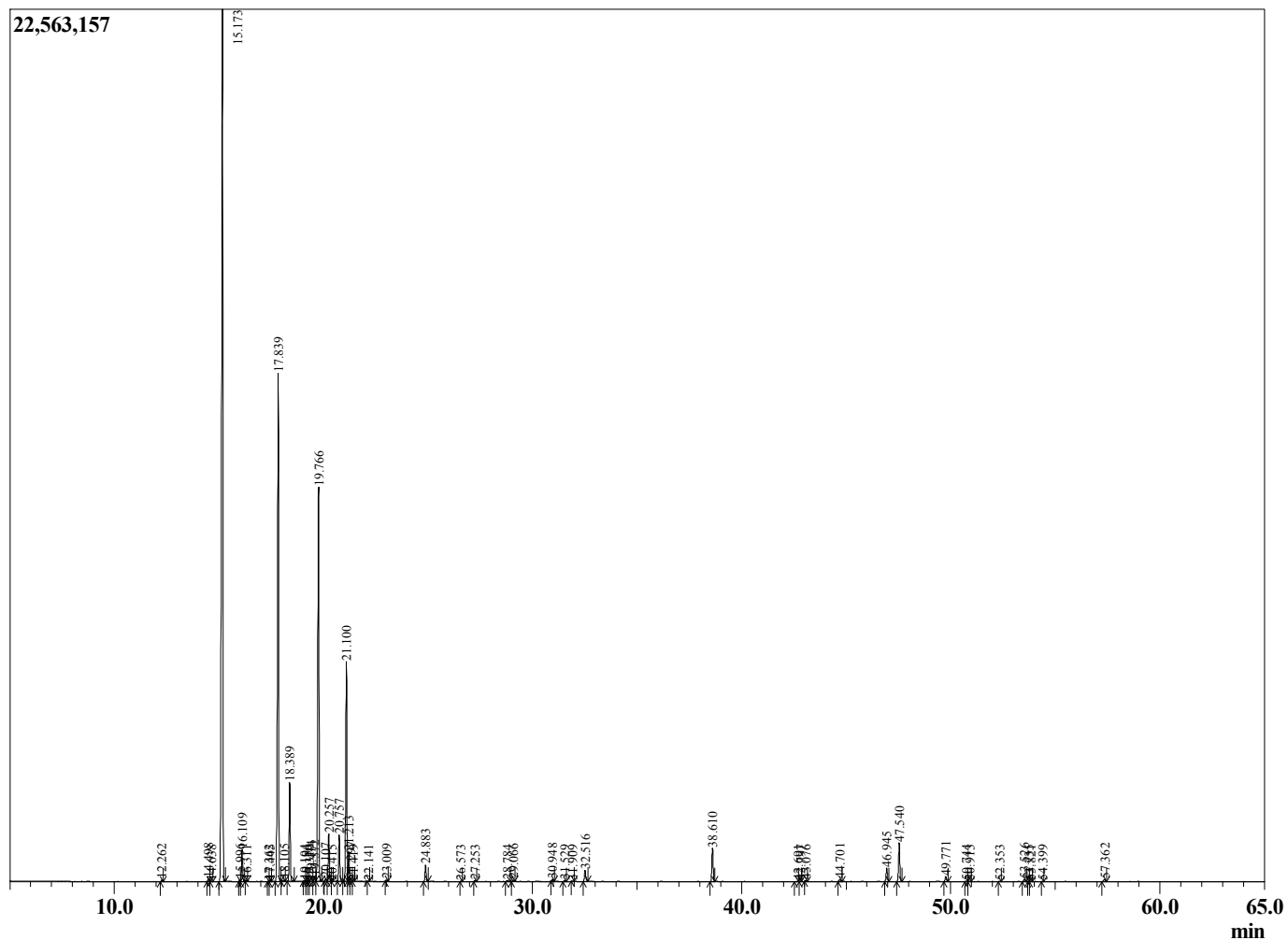
Sample Information

Sample Type : Essential Oil
Sample Name : Pinus sylvestris
Injection Volume : 0.10

Pine Needle Scotch
Lot# HUW19-WT
Country: Hungary



Chromatogram Pinus sylvestris



Peak	R.Time	Name	Area%
1	12.262	Santene	0.04
2	14.498	Tricyclene	0.09
3	14.638	alpha-Thujene	0.02
4	15.173	alpha-Pinene	39.29
5	15.996	alpha-Fenchene	0.04
6	16.109	Camphene	1.07
7	16.311	Thuja-2,4(10)diene	0.02
8	17.362	meta-Cymene	0.01
9	17.445	Sabinene	0.04
10	17.839	beta-Pinene	20.35
11	18.105	Unidentified	0.04
12	18.389	Myrcene	3.50
13	19.104	alpha-Terpinene	0.02
14	19.184	1-p-Menthene	0.03
15	19.310	alpha-Phellandrene	0.01
16	19.414	Pseudolimonene	0.17
17	19.572	alpha-Phellandrene	0.20
18	19.766	3-Carene	15.94
19	20.107	1,4-Cineole	0.10
20	20.257	alpha-Terpinene	1.72
21	20.415	ortho-Cymene	0.01
22	20.757	para-Cymene	1.75
23	21.100	Limonene	8.43
24	21.213	beta-Phellandrene	1.06
25	21.297	1,8-Cineole	0.09
26	21.419	Z-beta-Ocimene	0.02
27	22.141	E-beta-Ocimene	0.01
28	23.009	gamma-Terpinene	0.06
29	24.883	Terpinolene	0.64
30	26.573	Thujol	0.01
31	27.253	endo-Fenchol	0.04
32	28.784	trans-Pinocarveol	0.05
33	29.066	Verbenol	0.06
34	30.948	Borneol	0.07
35	31.529	Terpinen-4-ol	0.04
36	31.909	p-Cymen-8-ol	0.02
37	32.516	alpha-Terpineol	0.48
38	38.610	Bornyl acetate	1.41
39	42.691	alpha-Terpinyol acetate	0.02
40	42.797	alpha-Cubebene	0.02
41	43.076	alpha-Longipinene	0.05
42	44.701	alpha-Copaene	0.10
43	46.945	Junipene	0.60
44	47.540	beta-Caryophyllene	1.71
45	49.771	alpha-Humulene	0.21
46	50.944	cis-Muurolo-4(14),5-diene	0.03
47	50.913	trans-Cadina-1(6),4-diene	0.02
48	52.353	alpha-Muuroloene	0.02
49	53.526	delta-Cadinene	0.10
50	53.735	cis-Calamenene	0.02
51	53.821	Zonarene	0.02
52	54.399	trans-Cadina-1,4-diene	0.01
53	57.362	Caryophyllene oxide	0.13
			100.00