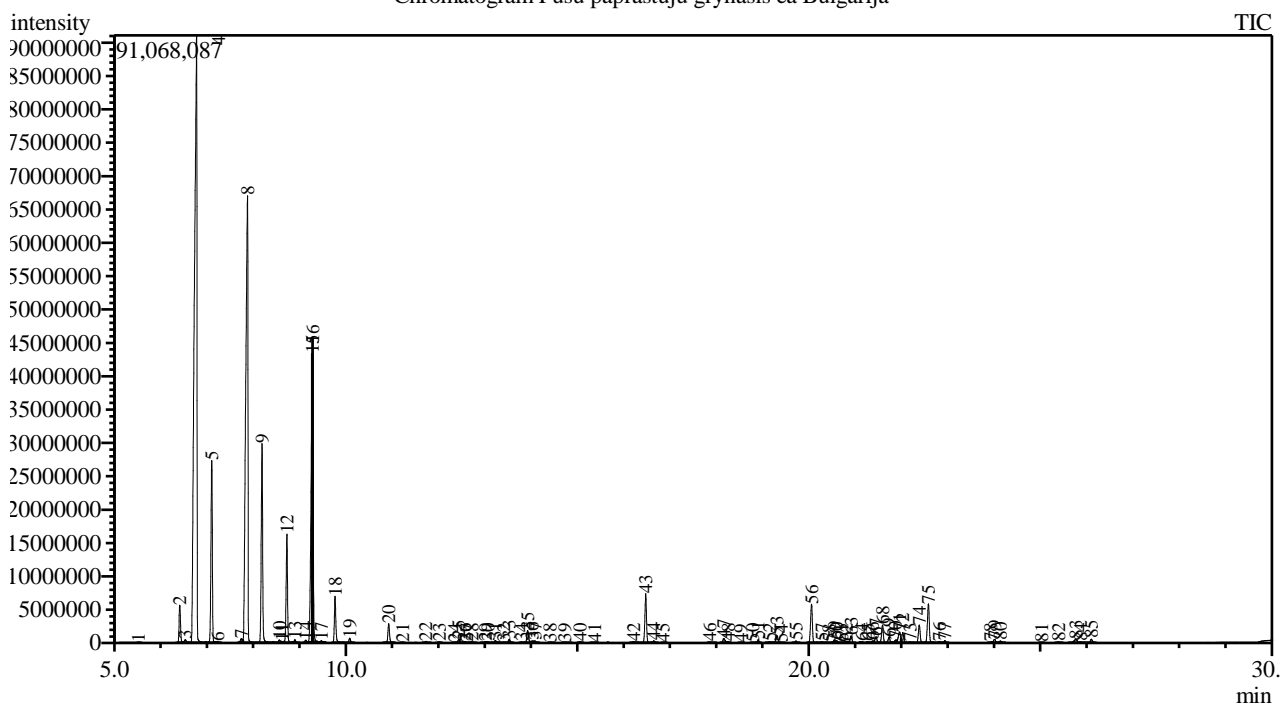


Analysis numb.: GC777
 Analysis date: 2019 10 14
 Sample name: Puš paprast j grynasis ea
 Botanical name: Pinus sylvestris (Scotch pine)
 Sample batch num: PSDSBREODS19
 Sample origin: Bulgarija
 Best before: 2021 02

Chromatogram Pusu paprastuju grynasis ea Bulgarija



Peak Report TIC

Peak#	R.Time	Area	Area%	Name
1	5.522	53155	0.01	Santene
2	6.415	12092317	1.20	Tricyclene
3	6.534	1134281	0.11	Thujene <alpha->
4	6.778	357339946	35.35	Pinene <alpha->
5	7.107	55200195	5.46	Camphene
6	7.235	349340	0.03	Thuja-2,4(10)-diene
7	7.749	1723558	0.17	Sabinene
8	7.876	218926794	21.66	Pinene <beta->
9	8.194	62723219	6.21	Myrcene
10	8.567	1061826	0.11	Phellandrene <alpha->
11	8.625	371504	0.04	Hex-(3E)-enyl acetate
12	8.730	35460890	3.51	Carene <delta-3->
13	8.901	952403	0.09	Terpinene <alpha->
14	9.138	949619	0.09	Cymene <para->
15	9.273	73035115	7.23	Limonene*
16	9.283	44798726	4.43	Sylvestrene
17	9.476	480696	0.05	Ocimene <cis-, beta->
18	9.771	15721479	1.56	Ocimene <trans-, beta->
19	10.087	1520231	0.15	Terpinene <gamma->
20	10.929	6789103	0.67	Terpinolene
21	11.231	82319	0.01	Pinene oxide <alpha->
22	11.732	480478	0.05	Fenchol <endo->
23	12.019	208184	0.02	Campholenal <alpha->
24	12.356	105993	0.01	Nopinone

Peak#	R.Time	Area	Area%	Name
25	12.443	1298296	0.13	Pinocarveol <trans->
26	12.561	198012	0.02	Camphor
27	12.617	159646	0.02	Verbenol <trans->
28	12.723	413224	0.04	Camphene hydrate
29	13.017	511003	0.05	Pinocamphone <trans->
30	13.074	292645	0.03	Pinocarvone
31	13.234	933335	0.09	Borneol
32	13.410	206360	0.02	Pinocamphone <cis->
33	13.530	1205520	0.12	Terpinen-4-ol
34	13.799	277023	0.03	Cryptone + Cymen-8-ol <para->
35	13.929	4732606	0.47	Terpineol <alpha->
36	14.029	719176	0.07	Myrtenal
37	14.090	630970	0.06	Myrtenol
38	14.415	204855	0.02	Verbenone
39	14.728	241325	0.02	Carveol <trans->
40	15.061	405122	0.04	Thymol methyl ether
41	15.377	91075	0.01	Carvone
42	16.218	601810	0.06	Oct-2-enyl acetate <trans->
43	16.481	18224673	1.80	Bornyl acetate
44	16.654	784053	0.08	2-Undecanone
45	16.857	74518	0.01	Pinocarvyl acetate <trans->
46	17.863	374814	0.04	Elemene <delta->
47	18.167	2062204	0.20	Terpinyl acetate <alpha->
48	18.262	358608	0.04	Longipinene <alpha->
49	18.537	106241	0.01	2-Dodecanone
50	18.792	132524	0.01	Ylangene <alpha->
51	18.909	1034872	0.10	Copaene <alpha->
52	19.154	456949	0.05	Bourbonene <beta->
53	19.315	2997616	0.30	Elemene <beta->
54	19.413	112194	0.01	Cubebene <beta->
55	19.724	717850	0.07	Longifolene
56	20.062	15197030	1.50	Caryophyllene <(E)->
57	20.288	554154	0.05	Copaene <beta->
58	20.442	105188	0.01	Maaliene <alpha->
59	20.550	1091530	0.11	Aromandendrene
60	20.608	755199	0.07	Guaia-6,9-diene
61	20.715	204393	0.02	Muurola-3,5-diene <cis->
62	20.813	669503	0.07	Muurola-3,5-diene <trans->
63	20.916	2926558	0.29	Humulene <alpha->
64	21.144	487438	0.05	Muurola-4(14),5-diene <cis->
65	21.281	369568	0.04	Unknown
66	21.375	776770	0.08	Cadina-1(6),4-diene <trans->
67	21.454	2643860	0.26	Murolene <gamma->
68	21.594	7251257	0.72	Germacrene D
69	21.735	2235807	0.22	Selinene <beta->
70	21.875	1452270	0.14	Muurola-4(14),5-diene <trans->
71	21.962	5481068	0.54	Bicyclgermacrene
72	22.031	3955674	0.39	Murolene <alpha->
73	22.191	502320	0.05	Amorphene <delta->
74	22.389	7254096	0.72	Cadinene <gamma->
75	22.586	15785074	1.56	Cadinene <delta->
76	22.819	581398	0.06	Cadina-1,4-diene <trans->
77	22.940	808212	0.08	Cadinene <alpha->
78	23.937	257306	0.03	Germacrene D-4-ol
79	24.013	1654669	0.16	Spathulenol
80	24.142	929203	0.09	Caryophyllene oxide
81	25.035	149546	0.01	Diepicubenol <1,10->
82	25.396	354787	0.04	Epicubenol
83	25.772	2462034	0.24	T-Murolol
84	25.876	264236	0.03	Murolol <alpha->
85	26.104	1551790	0.15	Cadinol <alpha->
		1010832428	100.00	

Kosmetiniai alergenai: *-silpnas, **-vidutinio stiprumo, ***- stiprus alergenai

Analiz atliko

dr. Jurga B dien