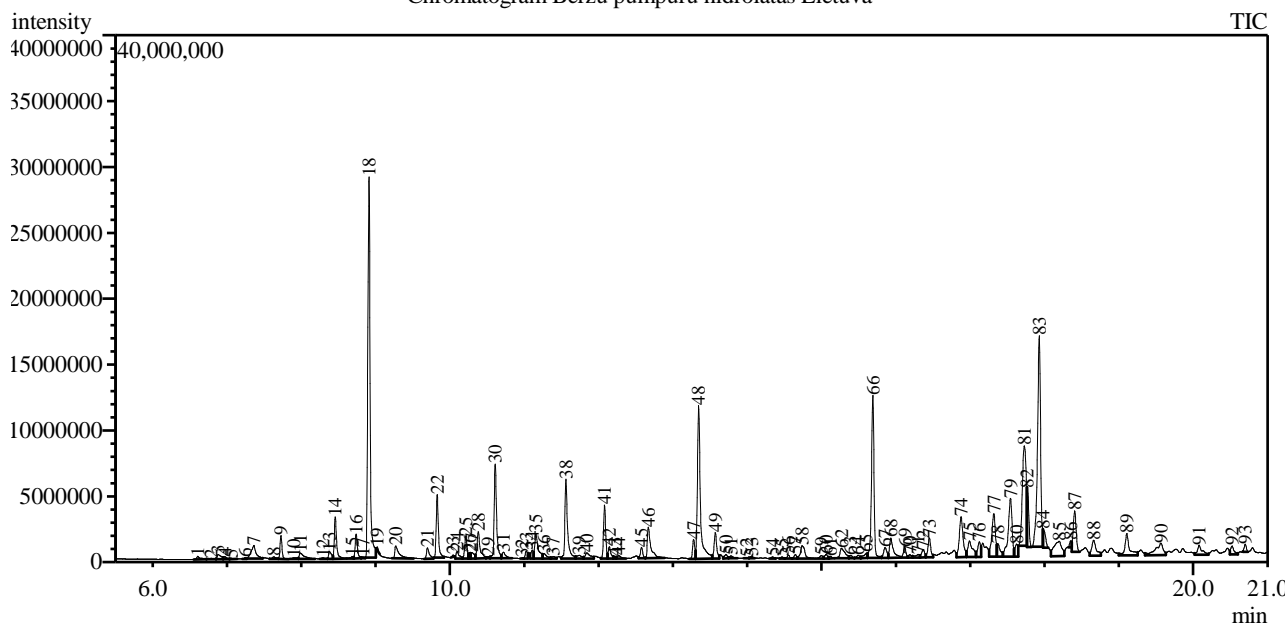


Analysis numb.: GC1322
 Analysis date: 2022 03 23
 Sample name: Berzu pumpuru hidrolatas
 Botanical name: Betula pendula
 Sample batch num: PN22KO17
 Sample origin: Lietuva
 Best before: 2023 07

Kvapniuju junginiu ne maziau kaip 0,05g/100ml. Bespalvis, skaidrus, specifinio fenolinio, medienos, pjuvenu kvapo skystis. pH=4,10

Chromatogram Berzu pumpuru hidrolatas Lietuva



Peak Report TIC

Peak#	R.Time	Area	Area%	Name
1	6.608	831568	0.18	Bois de Rose oxide
2	6.787	356789	0.08	1-Octen-3-ol
3	6.882	1287085	0.27	Hept-5-en-2-one <6-methyl->
4	6.973	549284	0.12	Linalool oxide <dehydroxy-, trans->
5	7.063	177529	0.04	Decane
6	7.246	173323	0.04	Linalool oxide <dehydro-, cis->
7	7.364	4678541	1.00	Butyric acid <2-ethyl->
8	7.630	603757	0.13	Hexanol <2-ethyl->
9	7.726	3312215	0.71	Eucalyptol
10	7.900	403250	0.09	Benzyl alcohol
11	7.987	2067344	0.44	Benzeneacetaldehyde
12	8.293	260600	0.06	Salicylaldehyde + Unknown
13	8.379	1493360	0.32	Octanol <n->
14	8.457	6774185	1.44	Linalool oxide <cis->
15	8.683	417425	0.09	Unknown
16	8.738	3833107	0.82	Linalool oxide <trans->
17	8.832	295423	0.06	Undecane
18	8.912	62554326	13.32	Linalool*
19	9.021	331839	0.07	Octene <3-acetoxy->
20	9.270	3834591	0.82	Phenylethyl alcohol
21	9.698	2244734	0.48	Tagetone <trans->
22	9.829	9922056	2.11	Camphor
23	10.043	225735	0.05	Terpineol <delta->
24	10.097	1551655	0.33	Lavandulol
25	10.214	3661682	0.78	Borneol
26	10.264	818296	0.17	Linalool oxide <cis-> (pyranoid)

Peak#	R.Time	Area	Area%	Name
27	10.297	1384731	0.29	Octanoic acid
28	10.382	5749838	1.22	Terpinen-4-ol
29	10.517	395039	0.08	Cymen-8-ol <para->
30	10.609	16396081	3.49	Terpineol <alpha->
31	10.721	1495262	0.32	Myrtenol
32	10.970	81994	0.02	Verbenone
33	11.027	1227802	0.26	1-Menthene-9-al <para-> (Carvomenthenal)
34	11.109	1473675	0.31	Citronellol*
35	11.157	6110107	1.30	Nerol
36	11.264	1339104	0.29	Ascaridol + Unknown
37	11.390	523117	0.11	Neral
38	11.561	14881350	3.17	Geraniol*
39	11.740	1155851	0.25	Carvenone
40	11.842	1991088	0.42	Geranial + Unknown
41	12.081	8065167	1.72	Lavandulyl acetate
42	12.145	2190635	0.47	Terpinen-4-ol acetate
43	12.220	342411	0.07	Tridecane <n->
44	12.272	695329	0.15	Perila alcohol
45	12.579	1817971	0.39	Menthyl acetate <iso->
46	12.669	7644672	1.63	Guaiacol <4-vinyl->
47	13.279	3134566	0.67	Neryl acetate
48	13.347	32180975	6.85	Eugenol**
49	13.571	4803515	1.02	Geranyl acetate
50	13.715	802902	0.17	Unknown
51	13.783	605101	0.13	Damascenone <(E)-, beta->
52	13.997	160617	0.03	Methyl eugenol
53	14.060	378058	0.08	Unknown
54	14.343	291347	0.06	Santalene <alpha->
55	14.469	282248	0.06	Caryophyllene
56	14.556	629937	0.13	Bergamotene <alpha-, trans->
57	14.648	683244	0.15	Unknown
58	14.738	4076173	0.87	Dihydro-beta-ionol
59	14.998	626373	0.13	Humulene <alpha->
60	15.063	831917	0.18	Unknown
61	15.118	428207	0.09	Alloaromadendrene
62	15.269	3657239	0.78	Jasmone lactone <(3Z)-> + Unknown
63	15.392	558549	0.12	Germacrene D
64	15.491	684082	0.15	Neryl isobutanoate
65	15.603	1313802	0.28	Muurolene <alpha->
66	15.691	29292606	6.24	BHT (meginio paruosimui analizei naudojam
67	15.855	2439049	0.52	Cadinene <gamma->
68	15.932	5344769	1.14	Cadinene <delta->
69	16.121	1944607	0.41	Unknown
70	16.187	642069	0.14	Cadinene <alpha->
71	16.301	964538	0.21	Calacorene <alpha->
72	16.366	1729864	0.37	Unknown
73	16.450	3903099	0.83	Unknown
74	16.878	10858763	2.31	Spathulenol
75	16.991	5512472	1.17	Caryophyllene oxide
76	17.123	3193082	0.68	Salvial-4(14)-en-1-one
77	17.319	11278557	2.40	Oplopanone <beta-> + Unknown
78	17.373	2868513	0.61	Diepicubenol <1,10->
79	17.543	16169128	3.44	Epicubenol
80	17.628	2606881	0.56	Eudesmol <gamma->
81	17.729	27502616	5.86	T-Muurolol
82	17.767	7134322	1.52	Muurolol <alpha->
83	17.930	46368999	9.88	Cadinol <alpha->
84	17.980	3238839	0.69	Intermedeol
85	18.197	8257582	1.76	Caryophyllene <14-hydroxy-9-epi-(E)-> + C
86	18.354	906302	0.19	Germacrene 4(15),5,10(14)-trien-1-alpha-ol
87	18.406	8508682	1.81	Eudesma-4(15),7-dien-1beta-ol
88	18.664	5057049	1.08	Unknown
89	19.109	7105005	1.51	Oplopanone
90	19.568	6526790	1.39	Unknown
91	20.083	3155403	0.67	Phytone
92	20.525	2015938	0.43	Hexadecanol <n->
93	20.701	1180599	0.25	Nonadecane
		469455898	100.00	

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

Analiz atliko

dr. Jurga B dien