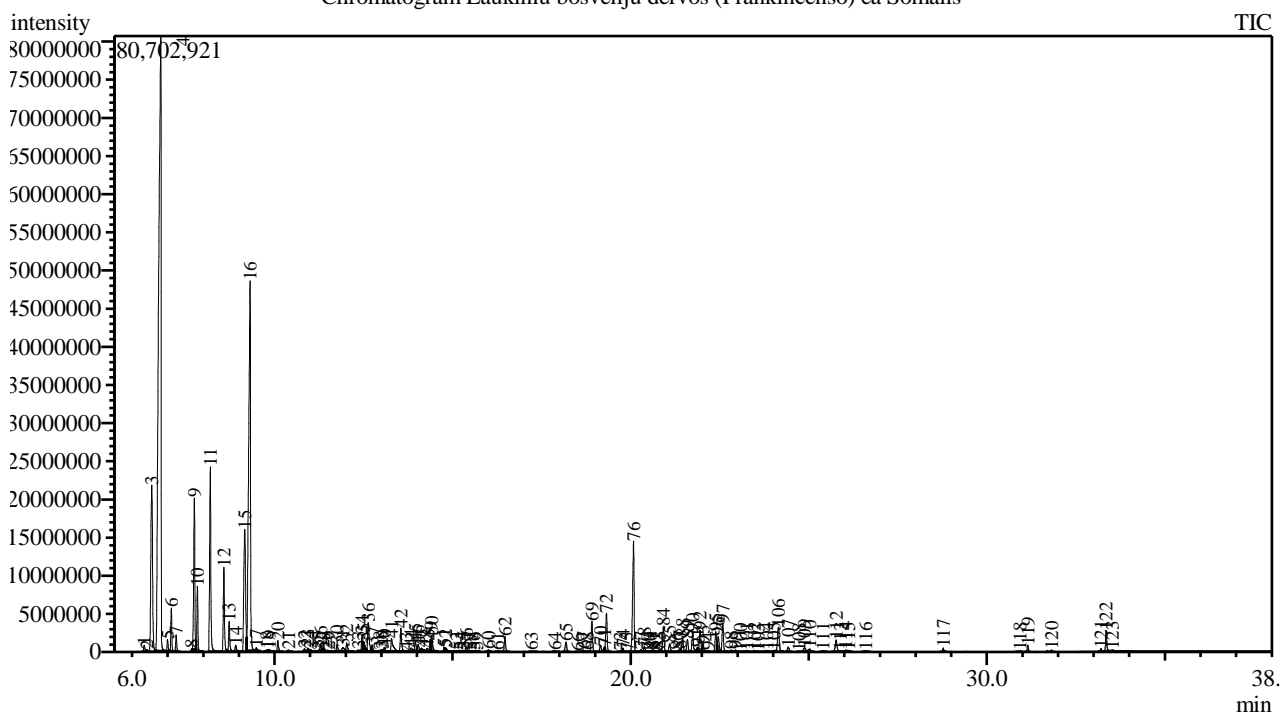


Analysis numb.: GC1013
 Analysis date: 2020 10 21
 Sample name: Laukiniu bosveliju dervos (Frankincenso) ea
 Botanical name: Boswellia carterii
 Sample batch num: LOT 0028852
 Sample origin: Somalis
 Best before: 2022 10

Chromatogram Laukiniu bosveliju dervos (Frankincenso) ea Somalis



Peak Report TIC

Peak#	R.Time	Area	Area%	Name
1	6.340	2069075	0.18	Unknown
2	6.421	708943	0.06	Tricyclene
3	6.552	72945846	6.31	Thujene <alpha->
4	6.806	387653032	33.53	Pinene <alpha->
5	6.996	2996034	0.26	Thuja-2,4(10)-diene
6	7.103	10906593	0.94	Camphene
7	7.240	4299452	0.37	Thuja-2,4(10)-diene
8	7.674	732695	0.06	Verbenene
9	7.749	44717811	3.87	Sabinene
10	7.836	17051593	1.47	Pinene <beta->
11	8.198	57587585	4.98	Myrcene
12	8.579	25499000	2.21	Phellandrene <alpha->
13	8.726	9499863	0.82	Carene <delta-3->
14	8.911	2363312	0.20	Terpinene <alpha->
15	9.165	55483299	4.80	Cymene <para->
16	9.313	170913550	14.78	Limonene*
17	9.490	1025754	0.09	Ocimene <cis-, beta->
18	9.789	592856	0.05	Ocimene <trans-, beta->
19	9.854	815162	0.07	Unknown
20	10.094	3609268	0.31	Terpinene <gamma->
21	10.390	574832	0.05	Sabinene hydrate <cis->
22	10.840	1036962	0.09	Linalool oxide <trans->
23	10.937	1219985	0.11	Terpinolene
24	11.004	1448237	0.13	Cymenene <para->

Peak#	R.Time	Area	Area%	Name
25	11.231	283033	0.02	Butyrate <2-methylbutyl-, 2-methyl->
26	11.297	2167483	0.19	Linalool* + Unknown
27	11.366	461145	0.04	Butanoic acid <3-methyl-, 3-methylbutyl-> e:
28	11.447	508621	0.04	Thujone <alpha->
29	11.520	431561	0.04	Unknown
30	11.758	2764209	0.24	Thujone <beta->
31	11.923	2457582	0.21	Mentha-2,8-dien-1-ol <trans-, para->
32	12.027	3618175	0.31	Campholenal <alpha->
33	12.361	623999	0.05	Mentha-2,8-dien-1-ol <cis-, para->
34	12.458	5686731	0.49	Pinocarveol <trans->
35	12.509	2892016	0.25	Verbenol <cis->
36	12.633	11639508	1.01	Verbenol <trans->
37	12.742	2439003	0.21	Mentha-1,5-dien-8-ol <para->
38	12.960	284140	0.02	Sabina ketone
39	13.026	758685	0.07	Pinocamphone <trans->
40	13.085	1506684	0.13	Pinocarvone
41	13.287	7400177	0.64	Borneol + Mentha-1,5-dien-8-ol <para->
42	13.547	8257351	0.71	Terpinen-4-ol
43	13.705	280217	0.02	Thujenal <alpha->
44	13.837	2063454	0.18	Cymen-8-ol <para->
45	13.954	3631327	0.31	Terpineol <alpha->
46	14.035	2831927	0.24	Myrtenal
47	14.130	1927438	0.17	Myrtenol
48	14.291	2074395	0.18	Sabinol <trans->
49	14.393	2072389	0.18	Acetate <octyl->
50	14.415	5379068	0.47	Verbenone
51	14.764	1664686	0.14	Carveol <trans->
52	14.811	1017475	0.09	Decyl <methyl-> ether
53	15.112	731779	0.06	Carveol <cis->
54	15.216	472572	0.04	Hexyl 2-methyl butanoate
55	15.309	513078	0.04	Cuminaldehyde
56	15.387	1860386	0.16	Carvone
57	15.500	326739	0.03	Carvotanacetone
58	15.593	160178	0.01	Linalyl acetate
59	15.683	269644	0.02	Piperitone
60	16.008	620220	0.05	3,5-Dimethoxytoluene
61	16.267	414446	0.04	Phellandral
62	16.470	5140729	0.44	Bornyl acetate
63	17.216	400906	0.03	Carvacrol
64	17.863	481669	0.04	Elemene <delta->
65	18.186	3927718	0.34	Cubebene <alpha->
66	18.514	103022	0.01	Neryl acetate
67	18.670	775537	0.07	Cyclosativene
68	18.785	390371	0.03	Ylangene <alpha->
69	18.913	10620939	0.92	Copaene <alpha->
70	19.156	2720485	0.24	Bourbonene <beta->
71	19.270	831898	0.07	Cubebene <beta->
72	19.319	13255872	1.15	Elemene <beta->
73	19.713	324377	0.03	Caryophyllene <(Z)->
74	19.782	1292496	0.11	Gurjunene <alpha->
75	19.893	124170	0.01	Bergamotene <alpha-, cis->
76	20.082	41841024	3.62	Caryophyllene <(E)->
77	20.288	761806	0.07	Copaene <beta->
78	20.386	1930789	0.17	Bergamotene <alpha-, trans->
79	20.480	240303	0.02	Guaiene <alpha->
80	20.549	295686	0.03	Aromadendrene
81	20.653	460510	0.04	Guaia-6,9-diene + Unknown
82	20.720	162147	0.01	Muurolo-3,5-diene <cis->
83	20.812	928520	0.08	Muurolo-3,5-diene <trans->
84	20.920	9021654	0.78	Humulene <alpha->
85	21.094	3242117	0.28	Alloaromadendrene
86	21.293	336348	0.03	Aristolochene <4,5-di-epi->
87	21.373	849369	0.07	Cadina-1(6),4-diene <trans->
88	21.458	5859994	0.51	Muurolo-4(14),5-diene <trans->
89	21.595	4619584	0.40	Germacrene D
90	21.743	7626072	0.66	Selinene <beta->
91	21.873	1678566	0.15	Muurolo-4(14),5-diene <trans->
92	21.950	8526661	0.74	Selinene <alpha->
93	22.032	2738817	0.24	Muurolo-4(14),5-diene <trans->

Peak#	R.Time	Area	Area%	Name
94	22.179	692657	0.06	Farnesene <(E,E)-, alpha-> + Bulnesene <alp
95	22.393	7227540	0.63	Cadinene <gamma->
96	22.459	6165988	0.53	Cubebol
97	22.587	10551734	0.91	Cadinene <delta->
98	22.820	767717	0.07	Cadina-1,4-diene <trans->
99	22.945	711118	0.06	Cadinene <alpha->
100	23.086	227401	0.02	Calacorene <alpha->
101	23.253	567723	0.05	Elemol <alpha->
102	23.474	679026	0.06	Epiligulyl oxide
103	23.578	194973	0.02	Calacorene <alpha->
104	23.823	1193486	0.10	Palustrol + Unknown
105	24.032	886437	0.08	Spathulenol
106	24.149	10963928	0.95	Caryophyllene oxide
107	24.426	2243238	0.19	Viridiflorol
108	24.727	246941	0.02	Ledol
109	24.882	2214350	0.19	Humulene epoxide II
110	25.029	1742930	0.15	Cubenol <1,10-di-epi->
111	25.403	599130	0.05	Epicubenol
112	25.771	5486242	0.47	Cadinol <epi-, alpha->
113	25.890	347194	0.03	T-Muurolol + Muurolol <alpha->
114	26.039	737955	0.06	Eudesmol <beta->
115	26.123	772223	0.07	Cadinol <alpha->
116	26.599	494253	0.04	Cadalene
117	28.779	1040092	0.09	Unknown
118	30.933	166701	0.01	Camphorene <m->
119	31.152	1701006	0.15	Neocembrene
120	31.819	404499	0.03	Cembrene
121	33.206	741478	0.06	Unknown
122	33.349	6400772	0.55	Incensole
123	33.530	229763	0.02	Incensole acetate
		1156150911	100.00	

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

Analiz atliko

dr. Jurga B dien