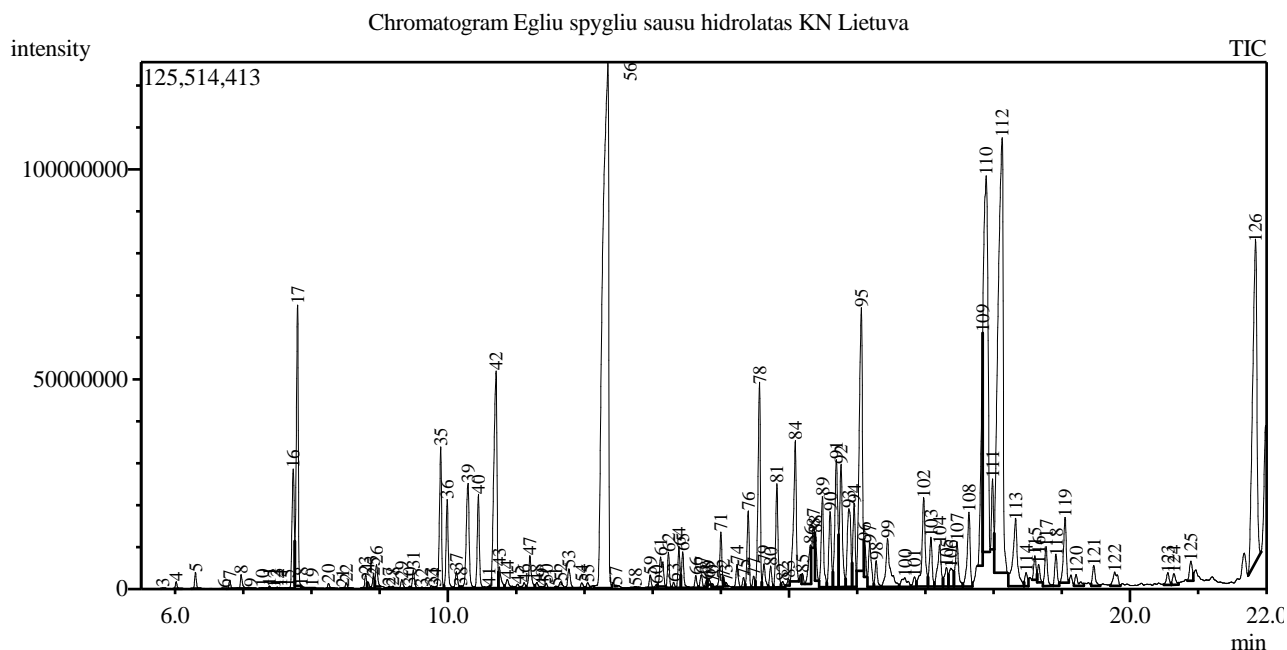


Analysis numb.: GC1155
 Analysis date: 2021 08 11
 Sample name: Egliu laukiniu hidrolatas
 Botanical name: Picea abies
 Sample batch num: PN21RU04
 Sample origin: Lietuva
 Best before: 2022 08

Kvapniuju junginiu ne maziau kaip 0,07g/100ml. Bespalvis, skaidrus, specifinio saku, medienos, terpentino kvapo skystis. pH=4,38



Peak Report TIC

Peak#	R.Time	Area	Area%	Name
1	5.148	84650	0.00	Santene
2	5.323	3955903	0.08	Xylene (megio paruosimui analizei naudojam
3	5.818	200944	0.00	Tricyclene
4	6.016	2694391	0.06	Pinene <alpha->
5	6.298	6566041	0.14	Camphene
6	6.718	85123	0.00	Sabinene
7	6.802	3566472	0.08	Pinene <beta->
8	6.967	6724929	0.14	Myrcene
9	7.106	319071	0.01	Decane + Mesitylene
10	7.280	448926	0.01	Phellandrene <alpha->
11	7.384	1038569	0.02	Carene <delta-, 3->
12	7.450	103826	0.00	Cineole <1,4->
13	7.497	665733	0.01	Terpinene <alpha->
14	7.549	258435	0.01	Unknown
15	7.651	245232	0.01	Cymene <para->
16	7.732	66014076	1.40	Limonene*
17	7.796	134718610	2.86	Eucalyptol
18	7.853	1100473	0.02	Sylvestrene
19	8.010	355634	0.01	Ocimene <trans-, beta->
20	8.249	2444902	0.05	Terpinene <gamma->
21	8.457	270530	0.01	Octanol <n->
22	8.508	2919404	0.06	Unknown
23	8.793	6143606	0.13	Terpinolene
24	8.829	2744833	0.06	Fenchone
25	8.909	5844746	0.12	Unknown
26	8.952	10911815	0.23	Linalool*

Peak#	R.Time	Area	Area%	Name
27	9.136	858965	0.02	Butyrate <3-methyl-, 3-butenyl-3-methyl->
28	9.190	891440	0.02	Butyrate <3-methyl-, 3-butenyl-3-methyl->
29	9.324	5089205	0.11	Fenchyl alcohol
30	9.437	1181208	0.03	Menth-2-en-1-ol <cis-, para->
31	9.493	9137176	0.19	Campholenal <alpha->
32	9.618	769256	0.02	Unknown
33	9.757	1531243	0.03	Menth-2-en-1-ol <trans-> + Butanoate <3-methyl-, 3-butenyl-3-methyl->
34	9.804	622428	0.01	Pinocarveol <trans->
35	9.894	71851595	1.52	Camphor
36	9.989	45923721	0.97	Camphene hydrate
37	10.123	9433566	0.20	Isoborneol
38	10.188	894468	0.02	Pinocarvone
39	10.295	74822093	1.59	Borneol
40	10.446	48955167	1.04	Terpinen-4-ol
41	10.603	1572041	0.03	Cymen-8-ol <para->
42	10.706	163955393	3.48	Terpineol <alpha->
43	10.754	12881028	0.27	Methyl chavicol (Estragole)
44	10.869	6658631	0.14	Unknown
45	11.022	3440679	0.07	Verbenone
46	11.117	3608471	0.08	Fenchyl acetate <endo->
47	11.201	20930827	0.44	Citronellol*
48	11.302	3660804	0.08	Thymol methyl ether
49	11.389	604875	0.01	Carveol <cis->
50	11.441	2488386	0.05	Unknown
51	11.581	1177763	0.02	Carvone
52	11.655	4979876	0.11	Geraniol* + Undecan-2-one
53	11.774	12172558	0.26	Piperitone
54	11.962	3076505	0.07	Verbenyl acetate
55	12.048	3255992	0.07	Cyclooctyl acetate
56	12.347	749224282	15.88	Bornyl acetate
57	12.463	235457	0.00	Pinocarvyl acetate <trans->
58	12.746	924592	0.02	Guaiacol <4-vinyl->
59	12.967	6113526	0.13	Unknown
60	13.057	1686672	0.04	Linalool propanoate
61	13.117	24630522	0.52	2-Hydroxycineole acetate <exo->
62	13.234	16257436	0.34	Elemene <delta->
63	13.310	2547279	0.05	Cubebene <alpha->
64	13.388	20285828	0.43	Tridecyl methyl ketone
65	13.443	18416656	0.39	Longipinene <alpha->
66	13.635	5819635	0.12	Neryl acetate
67	13.714	6784057	0.14	Ylangene <alpha->
68	13.794	2700602	0.06	Copaene <alpha->
69	13.821	2962048	0.06	Longicyclene
70	13.880	1401016	0.03	Sesquithujene <7-, epi->
71	14.002	29164570	0.62	Elemene <beta->
72	14.037	957961	0.02	Methyleugenol
73	14.078	1418716	0.03	Sativene
74	14.240	12637742	0.27	Sibirene
75	14.335	4807217	0.10	Isobornyl isobutyrate
76	14.404	39243712	0.83	Longifolene
77	14.484	6245226	0.13	Cedrene <alpha->
78	14.569	115476883	2.45	Caryophyllene
79	14.635	13804263	0.29	Bergamotene <alpha-, trans->
80	14.733	10821341	0.23	Sesquisabinene
81	14.824	59142254	1.25	Farnesene <(Z)-, beta->
82	14.909	3294699	0.07	Muurola-3,5-diene <cis->
83	14.992	2997347	0.06	Muurola-3,5-diene <trans->
84	15.092	91902116	1.95	Humulene <alpha->
85	15.197	4217042	0.09	Muurola-4(14),5-diene <cis->
86	15.314	26191501	0.56	Cadina-1(6),4-diene <trans->
87	15.358	9817335	0.21	Murolene <gamma->
88	15.383	16199158	0.34	Tridecan-2-one
89	15.492	55284855	1.17	Muurola-4(14),5-diene <trans->
90	15.605	46780318	0.99	Farnesene <(E,E)-, alpha->
91	15.696	92527362	1.96	Murolene <alpha->
92	15.764	81591081	1.73	Curcumene <beta->
93	15.881	68249885	1.45	Bisabolene <(Z)-, gamma-> + Bornyl isovalerate
94	15.957	47015051	1.00	Cadinene <gamma->
95	16.061	194948287	4.13	Cadinene <delta->

Peak#	R.Time	Area	Area%	Name
96	16.103	12995687	0.28	Zonarene
97	16.185	29657810	0.63	Bisabolene <(E)-, alpha->
98	16.280	14731011	0.31	Cadinene <alpha->
99	16.446	50571604	1.07	Nerolidol <(Z)->
100	16.699	13009427	0.28	Epiglobulol
101	16.842	6557582	0.14	Palustrol
102	16.976	71735357	1.52	Spathulenol
103	17.082	31944494	0.68	Globulol
104	17.211	36058642	0.76	Viridiflorol + Cubeban-11-ol
105	17.310	15395469	0.33	Rosifoliol
106	17.376	18379157	0.39	Oplophenone <beta-> + Unknown
107	17.464	34784726	0.74	Diepicubanol <1,10->
108	17.640	52464452	1.11	Epicubanol
109	17.840	96745592	2.05	Cadinol <epi-alpha->
110	17.891	392000228	8.31	T-Muurolol + Muurolol <alpha->
111	17.984	32004920	0.68	Unknown
112	18.126	539807414	11.44	Cadinol <alpha->
113	18.325	74681159	1.58	Bisabolol <alpha->
114	18.482	9030682	0.19	Pentadecanal
115	18.605	13361007	0.28	Amorpha-4,9-dien-2-ol
116	18.660	9679711	0.21	Farnesol (2E,6Z)->***
117	18.774	25191849	0.53	Unknown
118	18.919	19257043	0.41	Unknown
119	19.048	44543752	0.94	Unknown
120	19.214	9705980	0.21	Oplopanone
121	19.473	13981450	0.30	Benzyl benzoate*
122	19.780	14673079	0.31	Hexadecanal
123	20.559	8393251	0.18	Tetradeca-(9Z,11E)-dienyl acetate
124	20.648	8313044	0.18	Unknown
125	20.891	13780033	0.29	Benzyl salicylate*
126	21.842	332591592	7.05	Cembrene
		4717604968	100.00	

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

Analiz atliko

dr. Jurga B dien