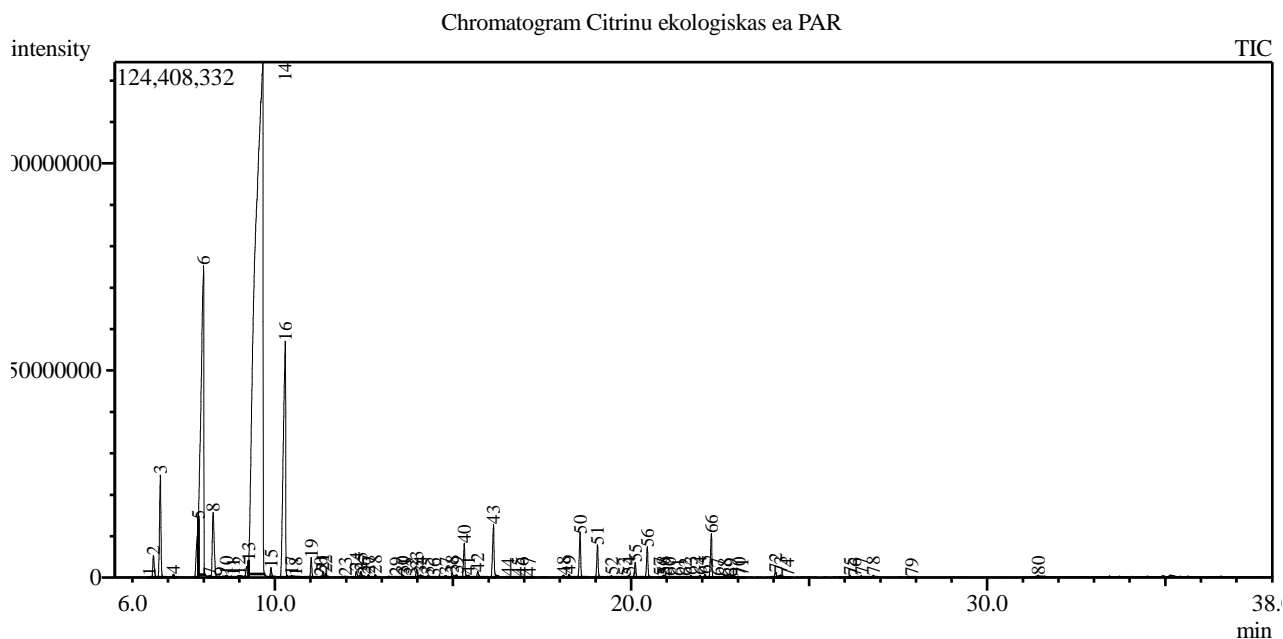


Analysis numb.: GC424  
 Analysis date: 2017 03 20  
 Sample name: Citrin ekologiškas ea  
 Botanical name: Citrus x limon (Lemon)  
 Sample batch num: LEMO1215SO  
 Sample origin: South Africa Republic  
 Best before: 2019 11



Peak Report TIC

Peak#	R.Time	Area	Area%	Name
1	6.473	216430	0.01	Tricyclene
2	6.588	15051541	0.50	Thujene <alpha->
3	6.783	66905266	2.21	Pinene <alpha->
4	7.150	2053177	0.07	Camphene
5	7.850	44167579	1.46	Sabinene
6	7.996	422231157	13.97	Pinene <beta->
7	8.161	124252	0.00	Hept-5-en-2-one <6-methyl->
8	8.267	59311963	1.96	Myrcene
9	8.471	971195	0.03	Decane
10	8.637	3119389	0.10	Phellandrene <alpha->
11	8.827	608131	0.02	Mentha-1(7),8-diene <para->
12	8.992	3828564	0.13	Terpinene <alpha->
13	9.263	13278493	0.44	Cymene <para->
14	9.662	1866602520	61.77	Limonene*
15	9.893	5058992	0.17	Ocimene <trans-, beta->
16	10.291	256052854	8.47	Terpinene <gamma->
17	10.476	784244	0.03	Cyclohexanol, 1-methyl-4-(1-methylethenyl)-
18	10.580	522706	0.02	Octanol <n->
19	11.022	11076612	0.37	Sabinene hydrate <cis->
20	11.284	255788	0.01	Undecane
21	11.351	3036523	0.10	Linalool*
22	11.428	1860058	0.06	Nonanal
23	11.976	802387	0.03	Mentha-2,8-dien-1-ol <trans-, para->
24	12.293	3984713	0.13	Limonene oxide <cis->
25	12.417	3415791	0.11	Limonene oxide <trans->
26	12.506	665736	0.02	Pinocarveol <trans->
27	12.631	2152948	0.07	Unknown
28	12.823	1922522	0.06	Citronellal
29	13.407	846863	0.03	1-Nonanol

Peak#	R.Time	Area	Area%	Name
30	13.582	1500246	0.05	Terpinen-4-ol
31	13.652	487700	0.02	Isogeranial
32	13.853	769101	0.03	Cymen-8-ol
33	13.983	5266521	0.17	Terpineol <alpha->
34	14.089	1144307	0.04	Dodecane
35	14.298	1466814	0.05	Decanal
36	14.460	232884	0.01	Acetate <octyl->
37	14.804	1881061	0.06	Carveol <trans->
38	14.985	2609169	0.09	Nerol
39	15.100	2209559	0.07	Unknown
40	15.321	22218962	0.74	Neral
41	15.434	2157911	0.07	Carvone
42	15.699	5430067	0.18	Geraniol*
43	16.137	37703921	1.25	Geranial
44	16.541	216983	0.01	Isobornyl acetate
45	16.833	1154427	0.04	Tridecane
46	16.940	853223	0.03	Geranyl formate
47	17.140	1349189	0.04	Nonyl acetate
48	18.103	1714020	0.06	1,2-Cyclohexanediol, 1-methyl-4-(1-methyl-
49	18.263	2128493	0.07	Citronellyl acetate
50	18.572	29357136	0.97	Neryl acetate
51	19.061	20516148	0.68	Geranyl acetate
52	19.450	1427957	0.05	Tetradecane
53	19.812	1214419	0.04	p-Mentha-1,8-dien-7-yl acetate
54	19.937	1397226	0.05	Bergamotene <alpha-, cis->
55	20.121	10022566	0.33	Caryophyllene
56	20.459	20380669	0.67	Bergamotene <alpha-, trans->
57	20.812	557445	0.02	Neryl propionate
58	20.907	1229441	0.04	Farnesene <(E)-, beta->
59	20.967	747139	0.02	Humulene <alpha->
60	21.076	1040547	0.03	Santalene <beta->
61	21.327	534637	0.02	Geranyl propanoate
62	21.525	397949	0.01	Curcumene <gamma->
63	21.684	1338360	0.04	Bergamotene <beta-, trans->
64	21.935	1414995	0.05	Valencene
65	22.081	2245692	0.07	Bisabolene <(Z)-, alpha->
66	22.257	29870906	0.99	Bisabolene <beta->
67	22.421	319436	0.01	Bisabolene <(Z)-, gamma->
68	22.629	391640	0.01	Cadinene <delta->
69	22.793	188079	0.01	Bisabolene <(E)-gamma->
70	23.031	576017	0.02	Bisabolene <(E)-, alpha->
71	23.113	373776	0.01	Sesquisabinene hydrate <cis->
72	24.065	4678606	0.15	Spathulenol
73	24.197	2006087	0.07	Caryophyllene oxide
74	24.396	261584	0.01	Hexadecane
75	26.159	1380068	0.05	Unknown
76	26.273	167870	0.01	Intermedeol<neo->
77	26.469	1366825	0.05	Unknown
78	26.810	1629082	0.05	Bisabolol <alpha->
79	27.889	324721	0.01	Oplopanone
80	31.433	1127388	0.04	Citropten
		3021887363	100.00	

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

Analiz atliko

dr. Jurga B dien