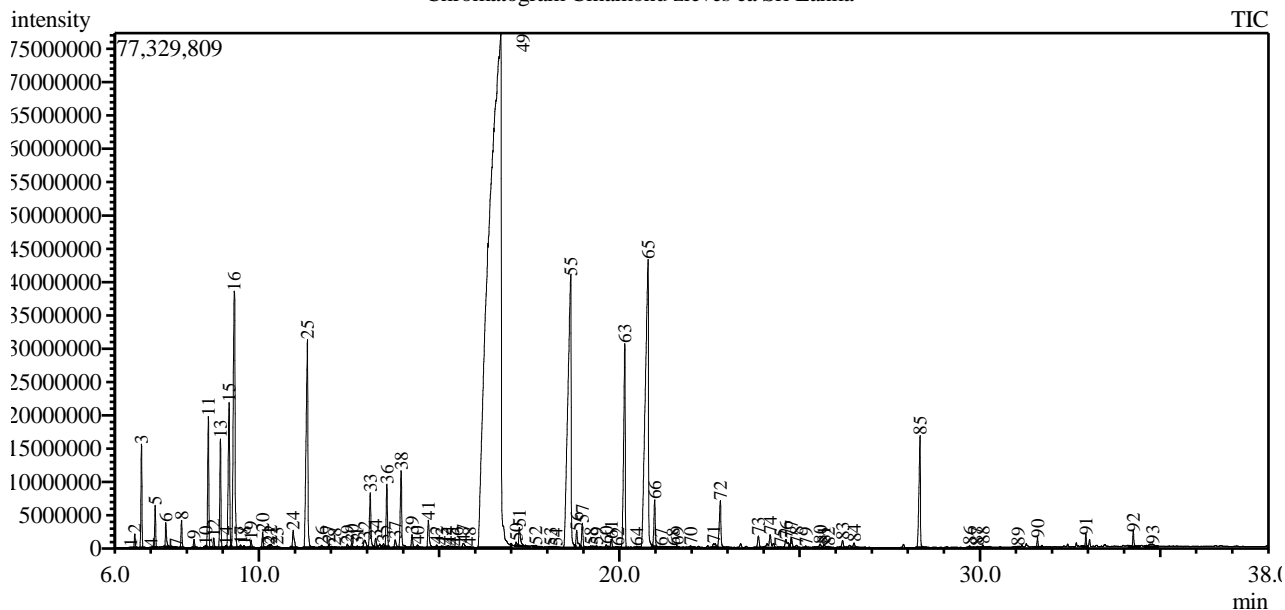


Analysis numb.: GC228
 Analysis date: 2016 02 01
 Sample name: Cinamon žiev s eterinis aliejus
 Botanical name: Cinnamomum verum
 Sample batch num: LOT: 0017951
 Sample origin: Sri Lanka
 Best before: 2020 10

Chromatogram Cinamonu zieves ea Sri Lanka



Peak Report TIC

Peak#	R.Time	Area	Area%	Name
1	6.446	191230	0.01	Tricyclene
2	6.558	3878778	0.12	Thujene <alpha->
3	6.744	30258213	0.93	Pinene <alpha->
4	7.011	105151	0.00	Butyrate <2-methyl-, propyl->
5	7.123	12454294	0.38	Camphene
6	7.417	8388911	0.26	Benzaldehyde
7	7.697	84762	0.00	Bois de Rose oxide
8	7.856	8248547	0.25	Pinene <beta->
9	8.201	2647570	0.08	Myrcene
10	8.522	662692	0.02	Octanal
11	8.598	43780687	1.35	Phellandrene <alpha->
12	8.748	3027465	0.09	Carene <delta-3->
13	8.934	35705589	1.10	Terpinene <alpha->
14	9.077	681459	0.02	Cymene <orta->
15	9.174	63550361	1.96	Cymene <para->
16	9.318	138000572	4.25	Phellandrene <beta-> + Sylvestrene + Eucaly
17	9.492	919075	0.03	Ocimene <cis-, beta->
18	9.587	648099	0.02	Butyrate <butyl-, 2-methyl->
19	9.785	2394244	0.07	Ocimene <trans-, beta->
20	10.105	4936071	0.15	Terpinene <gamma->
21	10.270	1482196	0.05	Sabinene hydrate <cis->
22	10.330	1998205	0.06	Acetophenone
23	10.509	668298	0.02	Linalool oxide <cis->
24	10.951	7926258	0.24	Terpinolene
25	11.347	108124435	3.33	Linalool*
26	11.744	1322367	0.04	Fenchyl alcohol
27	11.943	1386473	0.04	Menth-2-en-1-ol <cis-, para->
28	12.103	554223	0.02	Menthone
29	12.455	1417115	0.04	Menth-2-en-1-ol<trans-para->

Peak#	R.Time	Area	Area%	Name
30	12.581	1865897	0.06	Unknown
31	12.729	825079	0.03	Camphene hydrate
32	12.940	5515804	0.17	Unknown
33	13.090	22692570	0.70	Hydrocinnamaldehyde
34	13.240	4133486	0.13	Borneol
35	13.458	2067785	0.06	Benzofuran <2-methyl->
36	13.550	22460773	0.69	Terpinen-4-ol
37	13.783	3813702	0.12	Cryptone
38	13.948	32776504	1.01	Terpineol <alpha->
39	14.249	5136515	0.16	Bicyclo[3.1.0]hexan-3-ol, 4-methylene-1-(1-
40	14.401	1410616	0.04	Piperitol <trans->
41	14.704	12798868	0.39	Cinnamaldehyde <(Z)->
42	14.935	1277045	0.04	Nerol
43	15.077	1803822	0.06	Hydrocinnamic alcohol
44	15.258	1483092	0.05	Bicyclo[3.1.0]hexan-3-ol, 4-methylene-1-(1-
45	15.368	930678	0.03	Linalyl acetate
46	15.483	392624	0.01	Carvotanacetone
47	15.674	3203250	0.10	Geraniol
48	15.841	648752	0.02	Cinamyl alcohol <(Z)->***
49	16.715	1817035967	55.94	Cinnamaldehyde <(E)->
50	17.137	1536653	0.05	Thymol
51	17.231	10015632	0.31	Cinamyl alcohol <(E)->***
52	17.683	1171489	0.04	Cinnamaldehyde <alpha-, methyl->
53	18.097	349581	0.01	Terpinyl acetate <alpha->
54	18.243	232383	0.01	Elemene <delta->
55	18.651	260463261	8.02	Eugenol**
56	18.820	8760837	0.27	Hydrocinnamyl acetate
57	18.977	10376702	0.32	Copaene <alpha->
58	19.215	1916567	0.06	Isobutyl phenylacetate
59	19.377	1191710	0.04	Elemene <beta->
60	19.640	1848749	0.06	Methyleugenol
61	19.779	4161118	0.13	Caryophyllene <(Z)->
62	19.950	697645	0.02	Caryophyllane <4,8-alpha-epoxy->
63	20.150	94537639	2.91	Caryophyllene <(E)->
64	20.482	909985	0.03	Benzoate <isopentyl->
65	20.797	261751189	8.06	Cinamyl acetate <(E)->
66	20.980	18825368	0.58	Humulene <alpha->
67	21.150	168238	0.01	Aromadendrane <dehydro->
68	21.502	346116	0.01	Muurolene <gamma->
69	21.600	697034	0.02	Curcumene <alpha->
70	21.977	1172480	0.04	Selinene <beta->
71	22.618	2932698	0.09	Cadinene <delta->
72	22.803	23774393	0.73	Cinnamaldehyde <ortho-methoxy->
73	23.861	5788099	0.18	Caryolan-8-ol
74	24.187	11245028	0.35	Caryophyllene oxide
75	24.477	658509	0.02	Salvial-4(14)-en-1-one + Cubeban-11-ol
76	24.623	6502540	0.20	Eugenol <methoxy->
77	24.776	4544316	0.14	Tetradecanal
78	24.919	1509146	0.05	Humulene epoxide II
79	25.176	837519	0.03	Dihydroisocaryophyllene epoxide
80	25.573	3071934	0.09	Unknown
81	25.683	1757953	0.05	Caryophylla-4(12),8(13)-dien-5b-ol
82	25.798	724573	0.02	T-Muurolol
83	26.195	4273585	0.13	1H-Cycloprop[e]azulen-4-ol, decahydro-1,1,
84	26.513	3027188	0.09	Germacra-4(15),5,10(14)-trien-1-alpha-ol
85	28.340	47777726	1.47	Benzyl benzoate*
86	29.721	659779	0.02	Benzoate <phenethyl->
87	29.936	544313	0.02	Benzyl salicylate*
88	30.086	1106070	0.03	4,4,8-Trimethyltricyclo[6.3.1.0(1,5)]dodecan
89	31.062	566351	0.02	4-Phenylbutyrophenone
90	31.603	2928561	0.09	Unknown
91	32.945	4058816	0.12	Unknown
92	34.259	6446738	0.20	Unknown
93	34.790	4678338	0.14	Nonatriacontane <n->
		3248260718	100.00	

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

Analiz atliko

dr. Jurga B dien

