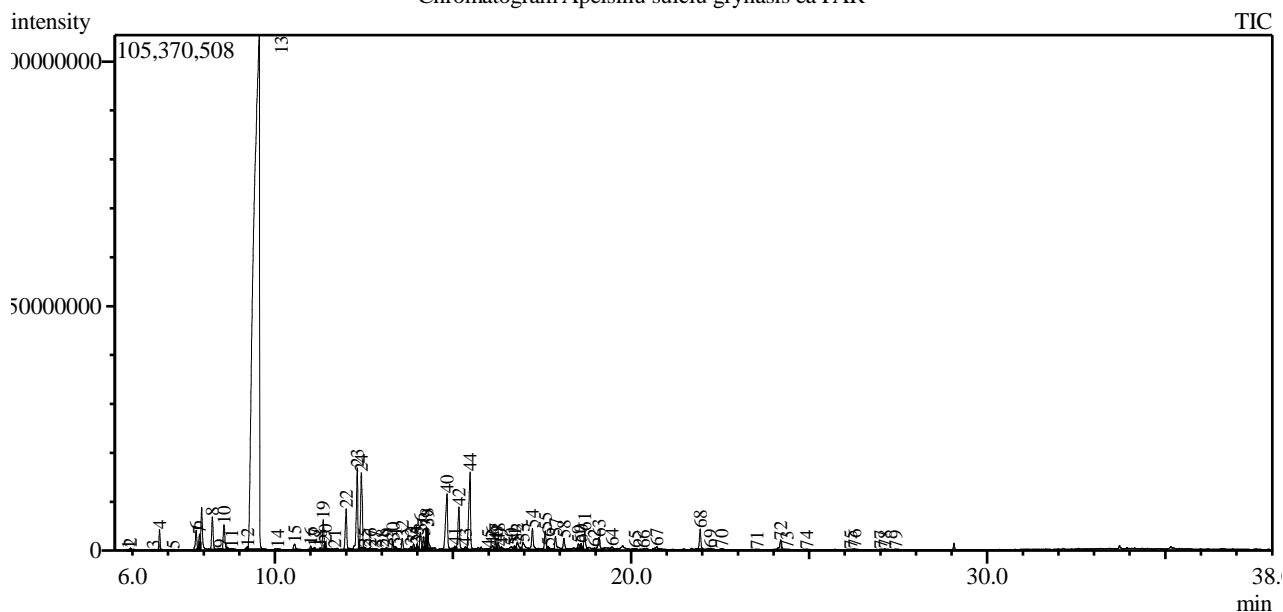


Analysis numb.: GC423  
 Analysis date: 2017 03 20  
 Sample name: Apelsin sulci grynasis ea  
 Botanical name: Citrus sinensis (Orange Essence)  
 Sample batch num: ORE02LNO  
 Sample origin: South Africa Republic  
 Best before: 2018 06

Chromatogram Apelsinu sulciu grynasis ea PAR



Peak Report TIC

Peak#	R.Time	Area	Area%	Name
1	5.884	244678	0.01	Nonane
2	5.947	1023740	0.06	Heptanal
3	6.579	279779	0.02	Thujene <alpha->
4	6.760	9041112	0.51	Pinene <alpha->
5	7.143	117554	0.01	Camphene
6	7.787	11546183	0.65	Sabinene
7	7.881	7629421	0.43	Pinene <beta->
8	8.242	20631088	1.17	Myrcene
9	8.465	1145630	0.06	Decane
10	8.570	16138125	0.91	Octanal
11	8.788	906872	0.05	Carene <delta-3->
12	9.230	1465337	0.08	Cymene <para->
13	9.559	1182923375	66.95	Limonene*
14	10.077	732450	0.04	Seudenone
15	10.554	4964600	0.28	Unknown
16	11.004	2589112	0.15	Unknown
17	11.112	1840908	0.10	Epoxyterpinene<6,7->
18	11.271	1304198	0.07	Undecane
19	11.359	16249049	0.92	Linalool*
20	11.420	3725923	0.21	Nonanal
21	11.681	1142497	0.06	Menthatriene<1,3,8-para->
22	12.002	25148774	1.42	Mentha-2,8-dien-1-ol <trans-, para->
23	12.313	48585465	2.75	Limonene oxide <cis->
24	12.425	50222342	2.84	Mentha-2,8-dien-1-ol <cis-, para->
25	12.527	251968	0.01	Pinocarveol <trans->
26	12.669	1340784	0.08	Terpineol <beta-, trans->
27	12.821	474846	0.03	Citronellal
28	13.027	896590	0.05	2-Methyldecahydronaphthalene
29	13.133	1752727	0.10	1-p-Menthene-9-al

Peak#	R.Time	Area	Area%	Name
30	13.312	4897841	0.28	Bicyclo[3.3.0]oct-2-en-7-one, 6-methyl-
31	13.383	2804588	0.16	Nonanol
32	13.579	6963399	0.39	2-Isopropenyl-5-methylhex-4-enal
33	13.823	3345951	0.19	Cryptone
34	13.896	4282768	0.24	Isocarveol <trans->
35	13.989	3269898	0.19	Terpineol <alpha->
36	14.086	11567150	0.65	Unknown
37	14.179	6891555	0.39	Terpineol <gamma->
38	14.255	8743752	0.49	Piperitol <trans->
39	14.288	10588238	0.60	Decanal
40	14.833	46446753	2.63	Carveol <trans->
41	15.055	2526566	0.14	Mentha-1(7),8-dien-2-ol <cis-para->
42	15.167	28429121	1.61	Carveol <cis->
43	15.348	2309973	0.13	Neral
44	15.480	55709154	3.15	Carvone
45	15.992	951938	0.05	Carvone oxide<cis->
46	16.112	4149180	0.23	Geranial
47	16.202	4829717	0.27	2-Cyclohexen-1-one, 3-methyl-6-(1-methylet
48	16.268	4530228	0.26	Perillaldehyde
49	16.361	1956163	0.11	Carvone oxide <trans->
50	16.643	3466561	0.20	Unknown
51	16.730	2722252	0.15	Limonen-10-ol
52	16.809	6808660	0.39	7-Oxabicyclo[4.1.0]heptane, 1-methyl-4-(2-r
53	16.967	8928643	0.51	Perilla alcohol
54	17.233	16233421	0.92	Mentha-2,8-diene, 1-hydroperoxide <(1S,4R
55	17.590	12270160	0.69	Mentha-2,8-diene, 1-hydroperoxide <(1R,4R
56	17.680	2932422	0.17	Unknown
57	17.878	10774358	0.61	Nerolidol <(Z)->
58	18.115	9241882	0.52	Menthadien-1,2-diol <8-para->
59	18.518	3659846	0.21	Unknown
60	18.596	2166579	0.12	Unknown
61	18.699	12472385	0.71	Mentha-6,8-diene, 2-hydroperoxide <(2R,4R
62	18.970	1456776	0.08	Copaene <alpha->
63	19.099	10061931	0.57	Mentha-6,8-diene 2-hydroperoxide <(2S,4R)
64	19.458	3360178	0.19	Unknown
65	20.109	639620	0.04	Caryophyllene
66	20.343	685115	0.04	Copaene <beta->
67	20.725	3095494	0.18	Unknown
68	21.942	12692807	0.72	Valencene
69	22.227	1520316	0.09	Bisabolene <beta->
70	22.545	447028	0.03	Selinene <7-epi-alpha->
71	23.537	104540	0.01	Nerolidol <(E)->
72	24.203	8175260	0.46	Caryophyllene oxide
73	24.383	199636	0.01	Hexadecane
74	24.937	713498	0.04	Humulene epoxide II
75	26.171	453515	0.03	Intermedeol<neo->
76	26.272	892877	0.05	Intermedeol
77	27.014	117088	0.01	Sinensal <beta->
78	27.127	662438	0.04	Nootkatol <epi->
79	27.433	357581	0.02	Nootkatol
		1766821927	100.00	

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

Analiz atliko

dr. Jurga B dien