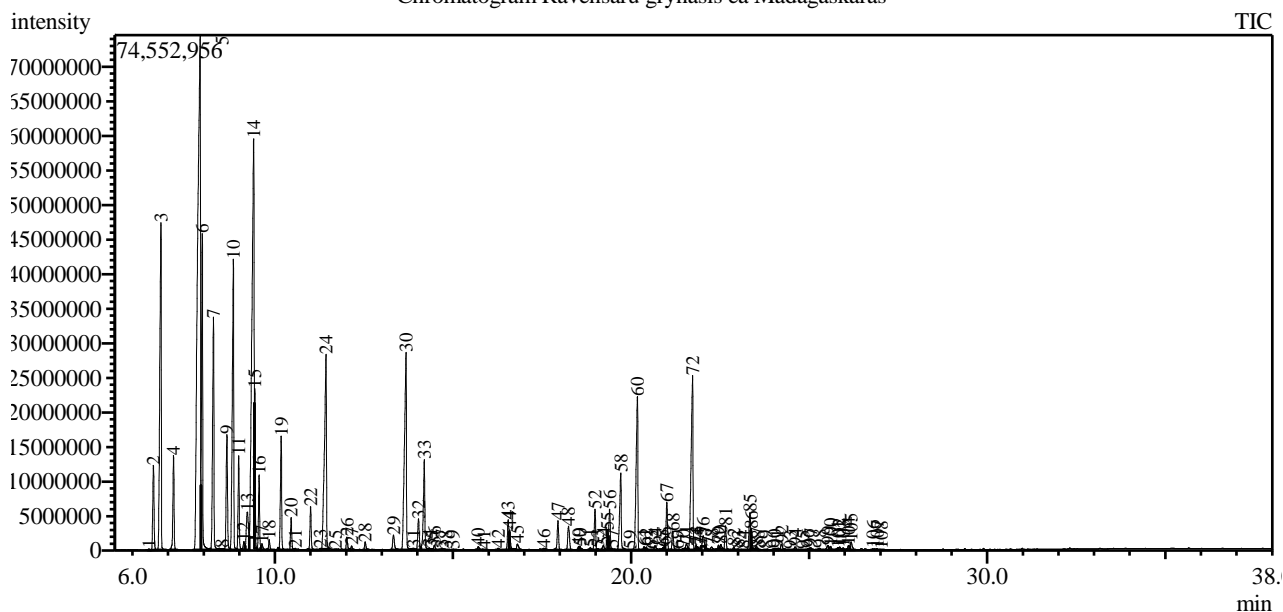


Analysis numb.: GC399  
 Analysis date: 2017 02 15  
 Sample name: Ravensar grynasis ea  
 Botanical name: Ravensara aromatica, syn. Cryptocarya agathophylla  
 Sample batch num: RAV0515PFE  
 Sample origin: Madagascar  
 Best before: 2019 12

Chromatogram Ravensaru grynasis ea Madagaskaras



Peak Report TIC

Peak#	R.Time	Area	Area%	Name
1	6.465	351139	0.02	Tricyclene
2	6.588	30342605	1.45	Thujene <alpha->
3	6.799	135941311	6.48	Pinene <alpha->
4	7.153	31165195	1.49	Camphene
5	7.898	408280919	19.46	Sabinene
6	7.960	103644987	4.94	Pinene <beta->
7	8.275	87385795	4.16	Myrcene
8	8.520	1355717	0.06	Carene <delta-2->
9	8.653	44630950	2.13	Phellandrene <alpha->
10	8.833	119745973	5.71	Carene <delta-3->
11	8.985	30009449	1.43	Terpinene <alpha->
12	9.130	3708317	0.18	Cymene <orta->
13	9.226	22854522	1.09	Cymene <para->
14	9.402	248065036	11.82	Limonene*
15	9.436	29634018	1.41	Eucalyptol
16	9.558	24086588	1.15	Ocimene <cis-, beta->
17	9.638	2823717	0.13	Heptyl acetate <2->
18	9.840	3936692	0.19	Ocimene <trans-, beta->
19	10.177	39556986	1.89	Terpinene <gamma->
20	10.457	11438105	0.55	Sabinene hydrate <cis->
21	10.571	792140	0.04	Linalool oxide <cis->
22	11.003	15572274	0.74	Terpinolene
23	11.271	754197	0.04	Undecane <n->
24	11.434	110364425	5.26	Linalool*
25	11.693	61512	0.00	Menthatriene <1,3,8-para->
26	12.020	4699113	0.22	Menth-2-en-1-ol <cis-, para->
27	12.153	1395311	0.07	Ocimene <allo->
28	12.535	3023062	0.14	Menth-2-en-1-ol <trans-para->
29	13.330	7830847	0.37	Borneol

Peak#	R.Time	Area	Area%	Name
30	13.681	110438226	5.26	Terpinen-4-ol
31	13.897	1456055	0.07	Cymen-8-ol <para->
32	14.033	13400289	0.64	Terpineol <alpha->
33	14.195	38380980	1.83	Estragole
34	14.337	891865	0.04	Sabinol <trans->
35	14.413	382418	0.02	Caranone <trans-4->
36	14.477	2147909	0.10	Piperitol <trans->
37	14.694	731997	0.03	Unknown
38	14.800	274237	0.01	Carveol <trans->
39	15.008	423850	0.02	Nerol
40	15.709	1218800	0.06	Unknown
41	15.867	230698	0.01	2-Methyldodecane
42	16.268	1058487	0.05	Ascaridol glycol<trans->
43	16.549	11758353	0.56	Bornyl acetate
44	16.591	6091031	0.29	Anethole <(E)->
45	16.809	3235364	0.15	Dihydroedulan II
46	17.551	800477	0.04	2-Hydroxycineol
47	17.948	11703946	0.56	Elemene <delta->
48	18.244	11463231	0.55	Terpinyl acetate <alpha->
49	18.525	1048154	0.05	Terpinyl acetate <alpha->
50	18.563	903399	0.04	Neryl acetate
51	18.858	967672	0.05	Ylangene <alpha->
52	18.989	15302542	0.73	Copaene <alpha->
53	19.070	492963	0.02	Geranyl acetate
54	19.225	2136791	0.10	Bourbonene <beta->
55	19.336	7224429	0.34	Cubebene <beta->
56	19.396	14791031	0.70	Elemene <beta->
57	19.467	266111	0.01	Tetradecane
58	19.711	36138068	1.72	Methyleugenol
59	19.974	137367	0.01	Ylangene <beta->
60	20.178	75518409	3.60	Caryophyllene
61	20.365	1290751	0.06	Copaene <beta->
62	20.430	1098071	0.05	Elemene <gamma->
63	20.560	319931	0.02	Guaiene <alpha->
64	20.678	2584527	0.12	Aromadendrene + guaiadiene <6,9->
65	20.889	757963	0.04	Muurola-3,5-diene <trans->
66	20.950	387767	0.02	Farnesene <(E)-, beta->
67	21.003	18712961	0.89	Humulene <alpha->
68	21.176	7718669	0.37	Alloaromadendrene
69	21.307	219226	0.01	Cadina-1(6),4-diene <cis->
70	21.454	540178	0.03	Cadina-1(6),4-diene<trans->
71	21.556	2255843	0.11	Murolene <gamma->
72	21.728	91002662	4.34	Germacrene D
73	21.823	1448107	0.07	Selinene <beta->
74	21.875	675546	0.03	Selinene <delta->
75	21.957	1012924	0.05	Muurola-4(14),5-diene <trans->
76	22.023	4895530	0.23	Cubebol <epi->
77	22.099	1610774	0.08	Murolene <alpha->
78	22.266	2321157	0.11	Farnesene <(E,E)- alpha-> + Amorphene <de
79	22.456	1846291	0.09	Cadinene <gamma->
80	22.520	2101288	0.10	Cubebol
81	22.657	9544273	0.45	Cadinene <delta->
82	22.891	1196488	0.06	Cadina-1,4-diene <trans->
83	23.012	539843	0.03	Cadinene <alpha->
84	23.147	242621	0.01	Calacorene <alpha->
85	23.336	16786992	0.80	Elemol <alpha->
86	23.378	5078704	0.24	Elemicin
87	23.517	1001740	0.05	Germacrene B
88	23.569	203057	0.01	Nerolidol <(E)->
89	23.782	193197	0.01	Hexenyl benzoate <(3Z)->
90	24.028	779132	0.04	Germacrene D-4-ol
91	24.108	725562	0.03	Spathulenol
92	24.232	3498802	0.17	Caryophyllene oxide
93	24.467	841767	0.04	Salvial-4(14)-en-1-one
94	24.611	1565885	0.07	Guaiol
95	24.825	556955	0.03	Ledol
96	24.974	581943	0.03	Humulene epoxide II
97	25.043	1016330	0.05	Unknown
98	25.297	1334712	0.06	Unknown

Peak#	R.Time	Area	Area%	Name
99	25.529	2801760	0.13	Cubenol <1-epi->
100	25.604	1646398	0.08	Eudesmol <gamma->
101	25.810	717983	0.03	Caryophylla-4(12),8(13)-dien-5beta-ol + Aro
102	25.857	1283453	0.06	T-Muurolol
103	25.962	1132133	0.05	Unknown
104	26.108	1895216	0.09	Eudesmol <beta->
105	26.176	4266886	0.20	Eudesmol <alpha-> + Cadinol <alpha->
106	26.793	560104	0.03	Eudesma-4(15),7-dien-1beta-ol
107	26.912	774330	0.04	Germacra-4(15),5,10(14)-trien-1-alpha-ol
108	27.027	166628	0.01	Shyobunol
		2098199111	100.00	

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

Analiz atliko

dr. Jurga B dien