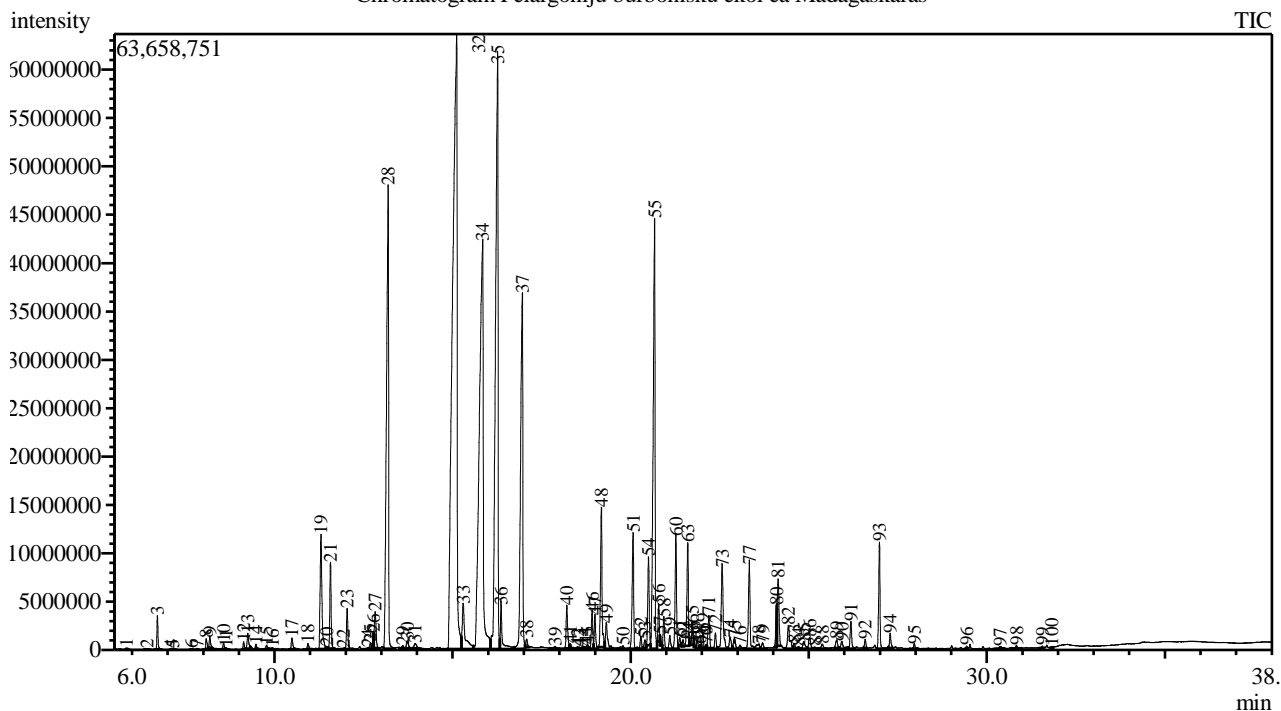


Analysis numb.: GC846  
 Analysis date: 2020 02 03  
 Sample name: Pelargonij burbonišk ekologišk as ea  
 Botanical name: Pelargonium graveolens  
 Sample batch num: LOT 2792  
 Sample origin: Madagaskaras  
 Best before: 2023 09

Chromatogram Pelargoniju burbonisku ekol ea Madagaskaras



Peak Report TIC

Peak#	R.Time	Area	Area%	Name
1	5.834	290175	0.01	Pentanol <3-methyl->
2	6.418	180115	0.01	Tricyclene
3	6.711	7160402	0.30	Pinene <alpha->
4	7.095	73991	0.00	Camphene
5	7.138	120714	0.01	Cyclohexanone <3-methyl->
6	7.665	103038	0.00	Bois de Rose oxide
7	7.826	228778	0.01	Pinene <beta->
8	8.080	2802561	0.12	Hept-5-en-2-one <6-methyl->
9	8.181	3080462	0.13	Myrcene
10	8.567	1529712	0.07	Phellandrene <alpha->
11	8.637	396346	0.02	Linalool oxide <dehydro-, cis->
12	9.132	1795832	0.08	Cymene <para->
13	9.246	4986180	0.21	Limonene*
14	9.477	1075764	0.05	Ocimene <cis-, beta->
15	9.774	1045313	0.04	Ocimene <trans-, beta->
16	9.937	633691	0.03	Bergamal
17	10.488	3549606	0.15	Linalool oxide <cis->
18	10.937	1818658	0.08	Linalool oxide <trans->
19	11.305	41868426	1.78	Linalool*
20	11.464	179087	0.01	Heptadi-3,5-en-2-one <6-methyl->
21	11.571	22447802	0.96	Rose oxide<cis->
22	11.927	235873	0.01	Fenchol <exo->
23	12.038	11185842	0.48	Rose oxide <trans->
24	12.627	198444	0.01	Isopulegol

Peak#	R.Time	Area	Area%	Name
25	12.692	1625806	0.07	Unknown
26	12.778	2728854	0.12	Citronellal
27	12.825	12406286	0.53	Menthone
28	13.192	193477381	8.24	Isomenthone
29	13.601	1416831	0.06	Isocitral <(Z)->
30	13.724	3179010	0.14	Menthol
31	13.948	2464389	0.10	Terpineol <alpha->
32	15.111	560223902	23.86	Citronellol*
33	15.302	25838009	1.10	Neral
34	15.844	323911268	13.80	Geraniol
35	16.261	299445747	12.75	Citronellyl formate
36	16.365	16856079	0.72	Neryl formate
37	16.957	157580356	6.71	Geranyl formate
38	17.079	2644764	0.11	Unknown
39	17.882	1863613	0.08	Elemene <delta->
40	18.206	13200295	0.56	Citronellyl acetate
41	18.307	1266310	0.05	Phenyl ethyl propanoate <2->
42	18.508	867948	0.04	Neryl acetate
43	18.583	762253	0.03	Neric acid
44	18.707	521294	0.02	Cyclosativene
45	18.791	801776	0.03	Ylangene <alpha->
46	18.920	10861776	0.46	Copaene <alpha->
47	19.001	9670461	0.41	Geranyl acetate
48	19.177	43120889	1.84	Bourbonene <beta->
49	19.320	10872503	0.46	Elemene <beta->
50	19.787	1954611	0.08	Gurjunene <alpha->
51	20.071	36745731	1.57	Caryophyllene <(E)->
52	20.291	3576575	0.15	Copaene <beta->
53	20.403	2532113	0.11	Bergamotene <alpha-, trans->
54	20.500	24752311	1.05	Guaiene <alpha-> + Unknown
55	20.672	162797760	6.93	Guaiene-6,9-diene
56	20.787	9048951	0.39	Isogermacrene D
57	20.829	2160011	0.09	Muurola-3,5-diene <trans->
58	20.934	8788144	0.37	Humulene <alpha->
59	21.103	4559963	0.19	Alloaromadendrene
60	21.274	33133371	1.41	Geranyl propanoate
61	21.375	1994048	0.08	Cadina-1(6),4-diene<trans->
62	21.468	2074265	0.09	Citronellyl isobutyrate
63	21.602	29635925	1.26	Germacrene D
64	21.647	653074	0.03	Phenyl ethyl 2-methylbutanoate
65	21.733	5667406	0.24	Amotphene <alpha->
66	21.776	1064852	0.05	Selinene <beta->
67	21.872	2715448	0.12	Amorphene <gamma->
68	21.945	548863	0.02	Bicyclogermacrene
69	22.022	4127993	0.18	Muurolene <alpha->
70	22.116	729621	0.03	Farnesene <(E,E)-, alpha->
71	22.196	10462543	0.45	Geranyl isobutyrate
72	22.385	4681434	0.20	Cadinene <gamma->
73	22.572	32955088	1.40	Citronellyl butyrate + Cadinene <delta-> + Z
74	22.796	4696129	0.20	Neryl butyrate+ Cadina-1,4-diene <trans->
75	22.920	4175522	0.18	Unknown
76	23.076	1634728	0.07	Calacorene <alpha->
77	23.336	27885479	1.19	Geranyl butyrate
78	23.605	3128095	0.13	Unknown
79	23.708	2315114	0.10	Unknown
80	24.100	8073164	0.34	Tiglate <phenylethyl->
81	24.139	23131511	0.99	Unknown
82	24.434	10919594	0.47	Geranyl <2-methylbutyrate->
83	24.597	1788827	0.08	Geranyl isovalerate
84	24.718	850905	0.04	Ledol
85	24.867	3343573	0.14	Humulene epoxide II
86	25.029	4407278	0.19	Diepicubenol <1,10->
87	25.168	876530	0.04	Junenol
88	25.384	2430737	0.10	Epicubenol
89	25.784	3128159	0.13	Unknown
90	25.932	3362231	0.14	Geranyl valerate
91	26.188	9477015	0.40	Citronellyl tiglate <(Z)->
92	26.585	2509919	0.11	Citronellyl tiglate <(E)->
93	26.988	28616861	1.22	Geranyl tiglate

Peak#	R.Time	Area	Area%	Name
94	27.285	4464328	0.19	Unknown
95	27.968	1284842	0.05	Geraniol hexanoate
96	29.437	491741	0.02	Phytone
97	30.370	994233	0.04	Neryl octanoate
98	30.837	1079797	0.05	Geranyl octanoate
99	31.560	541707	0.02	Manool oxide
100	31.823	384146	0.02	Manoyl oxide <13-epi->
		2347946878	100.00	

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

Analiz atliko

dr. Jurga B dien