

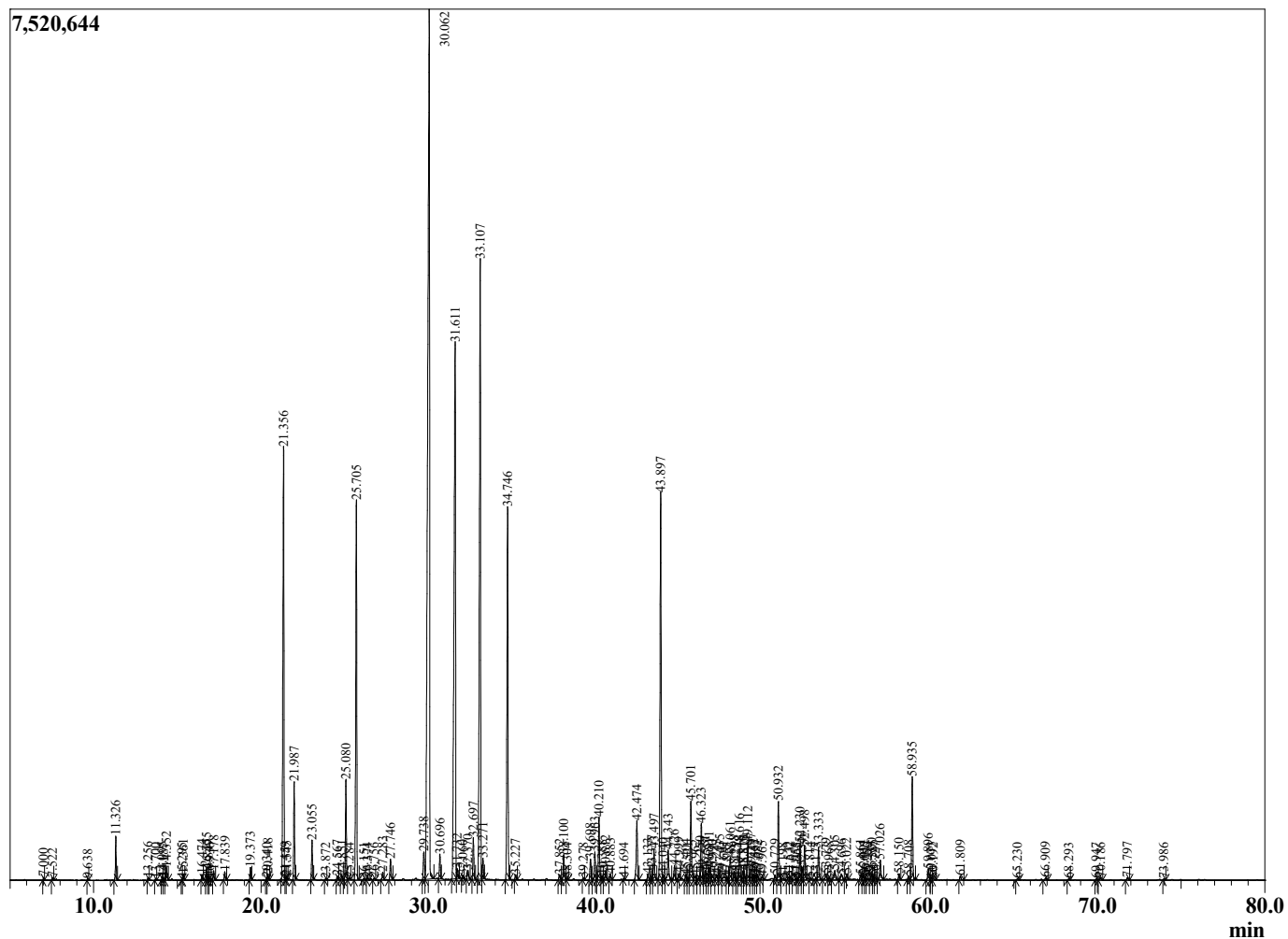
Sample Information

Sample Type : Essential Oil
 Sample Name : Pelargonium
 Injection : roseum : 0.10
 Volume :

Geranium Rose
 Lot# MAR29-RH
 Country: Madagsacar



Chromatogram Pelargonium roseum



R.Time	Name	Area%
7.000	cis-Salvene	0.02
7.522	3-Methylpentanol	0.02
9.638	Unidentified	0.01
11.326	alpha-Pinene	0.48
13.256	Bois de Rose oxide	0.03
13.700	beta-Pinene	0.01
14.095	6-Methyl hept-5-en-2-one	0.04
14.187	Unidentified	0.02
14.352	Myrcene	0.20
15.295	cis-Dehydrolinalool oxide	0.02
15.361	alpha-Phellandrene	0.08
16.474	para-Cymene	0.07
16.755	Limonene	0.15
16.849	beta-Phellandrene	0.06
16.936	1,8-Cineole	0.03
17.178	cis-beta-Ocimene	0.12
17.839	trans-beta-Ocimene	0.11
19.373	cis-Linalool oxide (furanoid)	0.17
20.340	Terpinolene	0.02
20.418	trans-Linalool oxide (furanoid)	0.09
21.356	Linalool	6.89
21.459	6-Methyl-5-hepten-2-yl tiglate	0.03
21.545	6-Methyl-heptadi-3,5-en-2-one	0.05
21.987	cis-Rose oxide	1.31
23.055	trans-Rose oxide	0.54
23.872	Epiphocitral A	0.02
24.567	trans-Chrysanthamal	0.06
24.851	Citronellal	0.07
25.080	Menthone	1.43
25.284	Unidentified	0.04
25.705	Isomenthone	5.82
26.151	alpha-Phellandrene-8-ol	0.02
26.374	Neoisopulegol	0.03
26.756	Isoisopulegol	0.03
27.283	Isomenthol	0.12
27.746	alpha-Terpineol	0.33
29.738	Nerol	0.48
30.062	Citronellol	24.18
30.696	Neral	0.35
31.611	Geraniol	12.06
31.732	Unidentified	0.17
32.060	Neomenthyl acetate	0.05
32.370	trans-Myrtanol	0.17
32.697	Geranial	0.61
33.107	Citronellyl formate	10.94
33.271	Neryl formate	0.28
34.746	Geranyl formate	6.02
35.227	trans-Myrtanyl acetate	0.08
37.852	alpha-Cubebene	0.10
38.100	Citronellyl acetate	0.43
38.304	Unidentified	0.03
39.278	alpha-Ylangene	0.03
39.698	alpha-Copaene	0.34
39.963	Geranyl acetate	0.43
40.210	beta-Bourbonene	1.01
40.388	alpha-Bourbonene	0.07

R.Time	Name	Area%
40.612	beta-Elementene	0.17
40.883	Phenethyl isobutyrate	0.11
41.694	alpha-Gurjunene	0.02
42.474	trans-beta-Caryophyllene	1.06
43.133	beta-Copaene	0.10
43.377	trans-alpha-Bergamotene	0.15
43.497	alpha-Guaiene	0.53
43.897	Guaia-6,9-diene	6.73
44.040	Isogermacrene D	0.09
44.343	Unidentified	0.58
44.726	alpha-Humulene	0.25
44.999	Alloaromadendrene	0.11
45.404	Unidentified	0.09
45.521	Unidentified	0.05
45.701	Geranyl propanoate	1.38
45.962	10-beta-H-Cadina-1(6),4-diene	0.11
46.250	trans-Cadina-1(6),4-diene	0.10
46.323	Germacrene D	0.96
46.551	Unidentified	0.17
46.657	2-Methyl-phenylethyl butyrate	0.14
46.811	beta-Selinene	0.22
46.990	trans-Muurolo-4(14),5-diene	0.11
47.243	alpha-Selinene	0.12
47.435	alpha-Muurolo-4(14),5-diene	0.17
47.691	Unidentified	0.13
47.855	trans,trans-alpha-Farnesene	0.04
48.061	Geranyl isobutyrate	0.40
48.298	gamma-Cadinene	0.15
48.425	Unidentified	0.02
48.616	delta-Cadinene	0.52
48.810	trans-Calamenene	0.15
48.875	Zonarene	0.16
49.112	Citronellyl butyrate	0.62
49.297	Fuopelargone A	0.18
49.452	Unidentified	0.09
49.557	Neryl butyrate	0.09
49.682	2-Phenylethyl tiglate	0.08
49.965	alpha-Calacorene	0.06
50.729	Unidentified	0.08
50.932	Geranyl butyrate	1.29
51.198	Unidentified	0.03
51.532	Unidentified	0.06
51.632	Citronellyl isovalerate	0.05
51.955	Citronellyl valerate	0.04
52.065	Unidentified	0.02
52.230	Fuopelargone A isomer	0.62
52.340	Caryophyllene oxide	0.21
52.498	Phenethyl tiglate	0.56
52.814	Unidentified	0.03
53.175	Unidentified	0.03
53.333	Geranyl 2-methylbutyrate	0.55
53.779	Geranyl isovalerate	0.13
53.968	Humulene epoxide II	0.04
54.305	1,10-di-epi-Cubenol	0.21
54.696	Intermedeol	0.13
55.022	1-epi-Cubenol	0.10
55.861	Epicubenol	0.11
56.011	Unidentified	0.09
56.095	Unidentified	0.04
56.256	Myrtenyl tiglate	0.03
56.500	Unidentified	0.11
56.585	epi-alpha-Cadinol	0.07

R.Time	Name	Area%
56.727	Unidentified	0.04
57.026	Citronellyl tiglate	0.36
58.150	Citronellyl hexanoate	0.10
58.708	Neryl tiglate	0.06
58.935	Geranyl tiglate	1.67
59.896	Geraniol hexanoate	0.20
60.073	Citronellyl hexanoate	0.05
60.192	Geranyl tiglate analogue	0.03
61.809	Geraniol hexanoate analogue	0.07
65.230	Unidentified	0.02
66.909	Unidentified	0.04
68.293	Unidentified	0.02
69.947	Geranyl octanoate analogue	0.02
70.186	Unidentified	0.04
71.797	Geranyl octanoate	0.04
73.986	Manool oxide	0.02
		100.00