

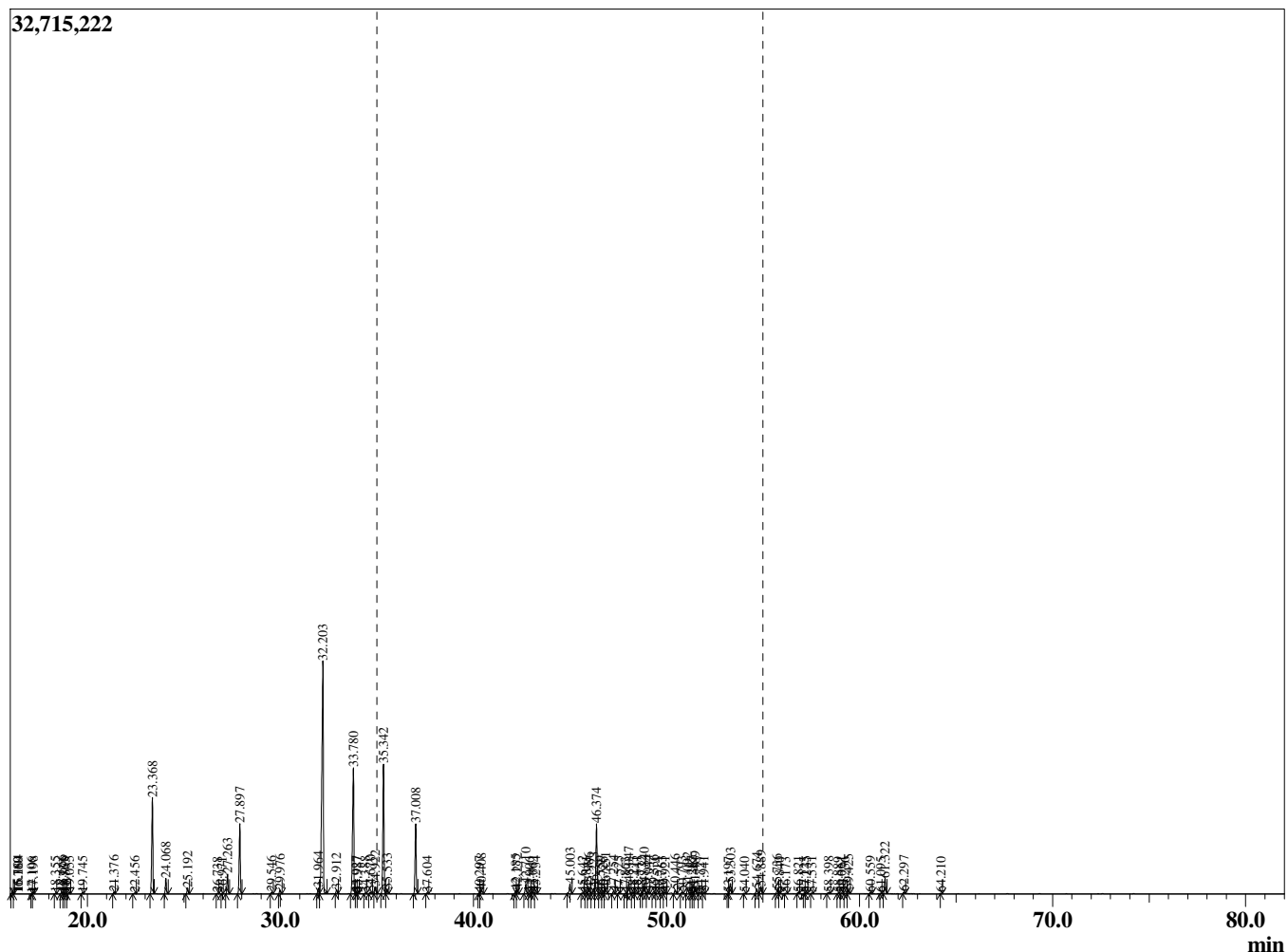
Sample Information

Analyzed : 2/2/2021 6:27:43 PM
Sample Type : Essential Oil
Sample Name : Pelargonium roseum
Injection Volume : 0.10

Geranium Rose
Lot# MAF26-FC
Country: Madagascar



Chromatogram Pelargonium roseum



Peak Report TIC

R.Time	Name	Area%
8.149	cis-Salvene	0.02
8.672	3-Methyl pentanol	0.02
12.932	alpha-Pinene	0.41
15.001	Bois de Rose oxide	0.03
15.484	beta-Pinene + 1-Octen-3-ol	0.02
15.769	6-Methyl hept-5-en-2-one	0.05
16.104	Myrcene	0.16
16.180	Herboxide isomer	0.02
17.106	Herboxide isomer	0.01
17.198	alpha-Phellandrene	0.08
18.355	para-Cymene	0.06
18.666	Limonene	0.16
18.776	beta-Phellandrene	0.07
18.863	1,8-Cineole	0.04
19.055	cis-beta-Ocimene	0.12
19.745	trans-beta-Ocimene	0.10
21.376	cis-Linalool oxide (furanoid)	0.14
22.456	trans-Linalool oxide (furanoid)	0.10
23.368	Linalool	7.84
24.068	cis-Rose oxide	1.23
25.192	trans-Rose oxide	0.48
26.738	trans-Chrysanthemal	0.05
26.971	Citronellal	0.03
27.263	Menthone	1.63
27.897	Isomenthone	5.93
29.546	Isomenthol	0.13
29.976	alpha-Terpineol	0.33
31.964	Nerol	0.48
32.203	Citronellol	26.85
32.912	Neral	0.33
33.780	Geraniol	12.44
33.927	Unidentified	0.11
33.987	Piperitone	0.07
34.388	Neomenthyl acetate	0.06
34.670	trans-Myrtanol	0.17
34.922	Geranial	0.56
35.342	Citronellyl formate	11.69
35.533	Neryl formate	0.30
37.008	Geranyl formate	6.13
37.604	trans-Myrtanyl acetate	0.07
40.297	alpha-Cubebene	0.05
40.408	Citronellyl acetate	0.34
42.185	alpha-Copaene	0.28
42.272	Geranyl acetate	0.33
42.710	beta-Bourbonene	0.87
42.906	alpha-Bourbonene	0.04
43.061	beta-Elemene	0.15
43.234	Phenethyl isobutyrate	0.07
45.003	beta-Caryophyllene	1.00
45.642	beta-Copaene	0.08
45.841	trans-alpha-Bergamotene	0.10
45.986	alpha-Guaiene	0.50
46.223	Citronellyl propionate	0.47
46.374	6,9-Guaiadiene	6.39
46.559	Unidentified	0.07
46.726	Neryl propionate	0.06

R.Time	Name	Area%
46.851	Unidentified	0.45
47.254	alpha-Humulene	0.22
47.525	Alloaromadendrene	0.08
47.863	trans-calamenene	0.05
48.047	Geranyl propanoate	1.02
48.273	Unidentified	0.12
48.441	trans-Cadina-1(6),4-diene	0.10
48.722	Unidentified	0.10
48.840	Germacrene D	0.94
49.044	Unidentified	0.17
49.336	beta-Selinene	0.20
49.514	trans-Muurola-4(14),5-diene	0.07
49.763	alpha-Selinene	0.08
49.921	alpha-Murolene	0.14
50.446	Geranyl isobutyrate	0.34
50.793	gamma-Cadinene	0.12
51.092	delta-Cadinene	0.50
51.287	trans-Calamenene	0.11
51.387	Zonarene	0.11
51.489	Citronellyl butyrate	0.55
51.727	Unidentified	0.12
51.941	Unidentified	0.11
53.197	Unidentified	0.03
53.303	Geranyl butyrate	0.93
54.040	Unidentified	0.05
54.674	Unidentified	0.44
54.889	2-Phenethyl tiglate	0.64
55.736	Geranyl isovalerate	0.32
55.840	Unidentified	0.03
56.173	Geranyl isovalerate	0.05
56.821	Unidentified	0.09
57.125	Citronellyl valerate	0.02
57.235	10-epi-gamma-Eudesmol	0.07
57.531	1-epi-Cubenol	0.06
58.398	Unidentified	0.13
58.889	Geranyl valerate	0.03
59.061	alpha-Cadinol	0.06
59.236	Unidentified	0.02
59.425	Citronellyl tiglate	0.30
60.559	Unidentified	0.09
61.095	Unidentified	0.02
61.322	Geranyl tiglate	1.41
62.297	Unidentified	0.14
64.210	Geranyl hexanoate	0.02
		100.00