

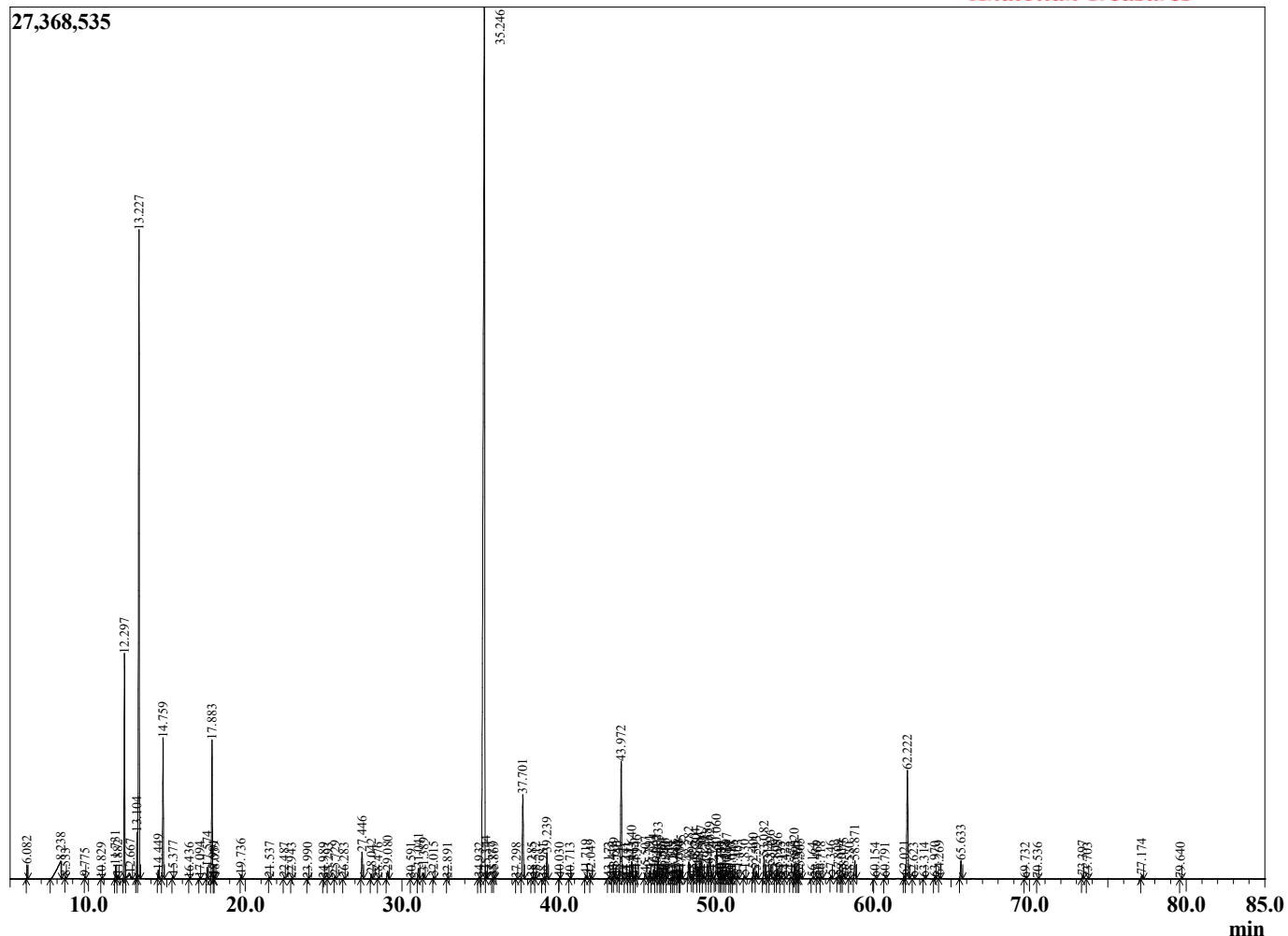
Sample Information

Sample Type : Essential Oil
Sample Name : Valeriana officinalis
Injection Volume : 0.10

Valerian
Lot# IDR5-RC
Country: India



Chromatogram Valeriana officinalis



R.Time	Name	Area%
43.412	Unidentified	0.04
43.539	Thymohydroquinone dimethyl ether	0.14
43.740	alpha-Cedrene	0.03
43.972	trans-beta-Caryophyllene	3.81
44.241	beta-Cedrene	0.03
44.433	gamma-Maaliene	0.01
44.640	beta-Gurjunene	0.54
44.815	trans-alpha-Bergamotene	0.07
44.946	alpha-Guaiene	0.28
45.507	(Z)-beta-Farnesene	0.18
45.791	Seychellene	0.25
46.034	Valerena-4,7(11)-diene	0.28
46.202	alpha-Humulene	0.26
46.333	Unidentified	0.65
46.505	Alloaromadendrene	0.04
46.554	alpha-Patchoulene	0.14
46.786	Unidentified	0.17
46.840	Acoradiene	0.03
47.179	Unidentified	0.04
47.295	Selina-4,11-diene	0.05
47.415	trans-Cadina-1(6),4-diene	0.11
47.598	(E)-beta-Ionone	0.14
47.680	alpha-Amorphene	0.04
47.795	Ar-Curcumene	0.26
48.282	Unidentified	0.48
48.495	Unidentified	0.03
48.704	Bicyclogermacrene + alpha-Selinene	0.67
48.881	alpha-Murolene	0.37
49.067	alpha-Bulnesene	0.63
49.150	Unidentified	0.14
49.458	Cuparene	0.43
49.629	Unidentified + alpha-Alaskene	0.70
49.747	gamma-Cadinene	0.21
50.060	delta-Cadinene	0.98
50.240	trans-Calamenene	0.04
50.331	Zonarene	0.07
50.385	beta-Sesquiphellandrene	0.03
50.573	(E)-gamma-Bisabolene	0.07
50.697	Kessane	0.32
50.898	trans-Cadina-1,4-diene	0.03
51.017	gamma-Cuprenene	0.05
51.145	Cubebol analog	0.12
51.403	alpha-Calacorene	0.10
51.830	Unidentified	0.08
52.400	Unidentified	0.30
52.593	(E)-Nerolidol	0.22
53.082	Unidentified	0.69
53.313	Unidentified	0.06
53.496	Spathulenol	0.43
53.809	Caryophyllene oxide	0.09
53.956	Unidentified	0.35
54.135	Unidentified	0.04
54.422	Unidentified	0.04
54.772	Unidentified	0.03
55.020	Unidentified	0.46
55.095	Unidentified	0.07
55.260	Rosifoliol	0.05
55.365	Unidentified	0.18
56.164	Unidentified	0.03
56.469	Unidentified	0.05
56.718	Unidentified	0.06
57.346	Eudesmol isomer	0.07

R.Time	Name	Area%
57.809	Unidentified	0.11
58.014	alpha-Cadinol	0.06
58.175	Unidentified	0.21
58.530	Unidentified	0.02
58.871	Patchouli alcohol	0.55
60.154	Unidentified	0.03
60.791	Unidentified	0.02
62.021	Unidentified	0.08
62.222	Valerenal	3.73
62.623	Unidentified	0.02
63.314	Unidentified	0.04
63.970	Unidentified	0.05
64.269	Unidentified	0.07
65.633	Unidentified	0.58
69.732	Unidentified	0.01
70.536	Unidentified	0.02
73.397	Unidentified	0.08
73.703	Unidentified	0.02
77.174	Unidentified	0.14
79.640	Unidentified	0.02
		100.00