

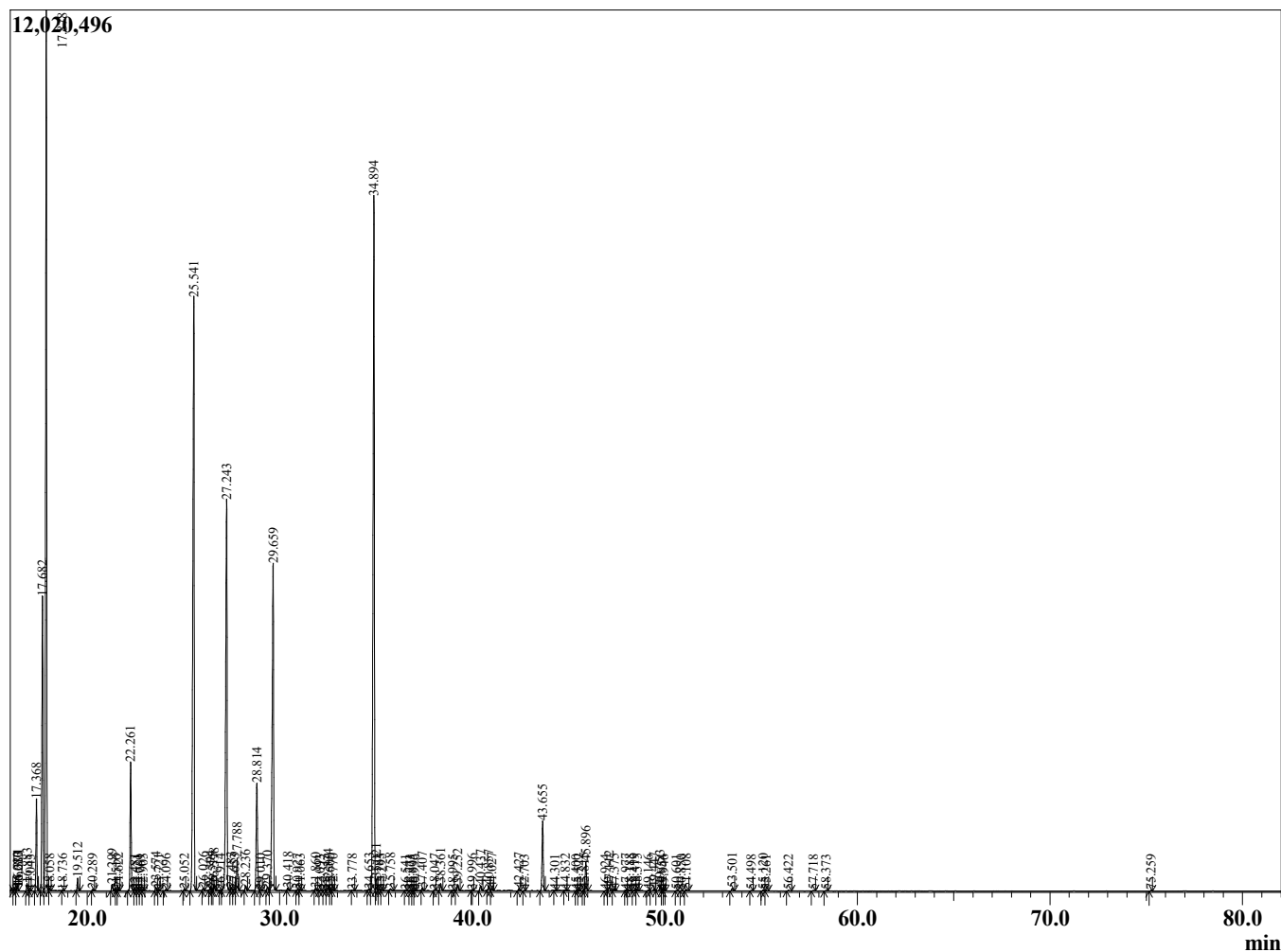
Sample Information

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

Rosemary Verbenone
 Lot# ITH13-HK
 Country: Italy



Chromatogram Rosmarinus officinalis



Peak Report TIC

R.Time	Name	Area%
9.658	Unidentified	0.01
10.913	Unidentified	0.02
11.447	Hashishene	0.00
11.564	Tricyclene	0.15
11.715	alpha-Thujene	0.11
12.163	alpha-Pinene	24.02
12.910	alpha-Fenchene	0.04
13.007	Camphene	1.55
13.202	Thuja-2,4(10)diene	0.01
14.256	Sabinene	0.04
14.556	beta-Pinene	1.48
14.615	1-Octen-3-ol	0.03
14.930	3-Octanone	0.03
15.179	Myrcene	0.97
15.610	3-Octanol	0.05
16.083	Pseudolimonene	0.05
16.227	alpha-Phellandrene	0.04
16.371	delta-3-Carene	0.08
16.883	alpha-Terpinene	0.11
17.043	ortho-Cymene	0.00
17.368	para-Cymene	1.35
17.682	Limonene	4.96
17.878	1,8-Cineole	13.92
18.058	cis-beta-Ocimene	0.02
18.736	trans-beta-Ocimene	0.01
19.512	gamma-Terpinene	0.19
20.289	trans-Sabinene hydrate	0.02
21.299	Terpinolene	0.11
21.516	Fenchone	0.01
21.622	para-Cymenene	0.03
22.261	Linalool	2.13
22.481	Hotrienol	0.01
22.621	Nonanal	0.00
22.769	Verbenone	0.01
22.903	trans-para-Mentha-2,8-dienol	0.01
23.574	endo-Fenchol	0.05
23.721	Chrysanthenone	0.01
24.096	alpha-Campholenal	0.03
25.052	trans-Pinocarveol	0.03
25.541	Camphor	12.38
26.026	trans-beta-Terpineol	0.04
26.394	trans-Pinocamphone	0.07
26.515	Pinocarvone	0.03
26.598	Isoborneol	0.11
26.914	alpha-Campholenal	0.01
27.243	Borneol	8.14
27.483	Isopinocamphone	0.05
27.653	Unidentified	0.02
27.788	Terpinen-4-ol	0.53
28.236	para-Cymen-8-ol	0.08
28.814	alpha-Terpineol	2.12
29.010	Estragole	0.01
29.370	Unidentified	0.06
29.659	Verbenone	6.99
30.418	Unidentified	0.04
30.927	Unidentified	0.02

R.Time	Name	Area%
31.063	Bornyl formate	0.02
31.860	Unidentified	0.04
32.093	Carvone	0.01
32.313	Unidentifiedl	0.02
32.534	Geraniol	0.09
32.600	Unidentified	0.02
32.770	Piperitone	0.02
33.778	Unidentified	0.02
34.653	Unidentified + Carvacrol	0.04
34.894	Bornyl acetate	14.00
35.021	Isobornyl acetate	0.18
35.183	trans-Verbenyl acetate	0.03
35.295	Thymol	0.02
35.758	Carvacrol	0.04
36.541	Unidentified	0.01
36.773	Unidentified	0.01
36.895	Unidentified	0.01
36.996	Unidentified	0.01
37.407	Myrtenyl acetate	0.04
38.047	alpha-Terpinyol acetate	0.02
38.361	Pulespenone	0.12
38.995	alpha-Cubebene	0.01
39.252	Eugenol	0.11
39.996	Unidentified	0.02
40.437	alpha-Ylangene	0.10
40.857	alpha-Copaene	0.09
41.027	Geranyl acetate	0.04
42.427	Methyleugenol	0.04
42.703	cis-beta-Caryophyllene	0.01
43.655	trans-beta-Caryophyllene	1.30
44.301	beta-Copaene	0.01
44.832	Aromadendrene	0.02
45.400	Unidentified	0.01
45.522	Humulen-(v1)	0.01
45.815	Unidentified	0.02
45.896	alpha-Humulene	0.53
46.924	Unidentified	0.01
47.112	gamma-Murolene	0.07
47.375	alpha-Amorphene	0.03
47.977	beta-Selinene	0.01
48.188	trans-Murrola-4(14),5-diene	0.02
48.419	alpha-Selinene	0.02
48.575	alpha-Murolene	0.03
49.146	beta-Bisabolene	0.01
49.447	gamma-Cadinene	0.04
49.753	delta-Cadinene	0.10
49.854	cis-Calamenene	0.01
49.946	trans-Calamenene	0.01
50.601	trans-Cadine-1,4-diene	0.01
50.850	alpha-Cadinene	0.01
51.108	alpha-Calacorene	0.03
53.501	Caryophyllene oxide	0.05
54.498	Unidentified	0.01
55.120	Humulene epoxide II	0.02
55.261	Unidentified	0.01
56.422	Unidentified	0.01
57.718	Unidentified	0.01
58.373	Unidentified	0.01
75.259	Unidentified	0.01
		100.00