

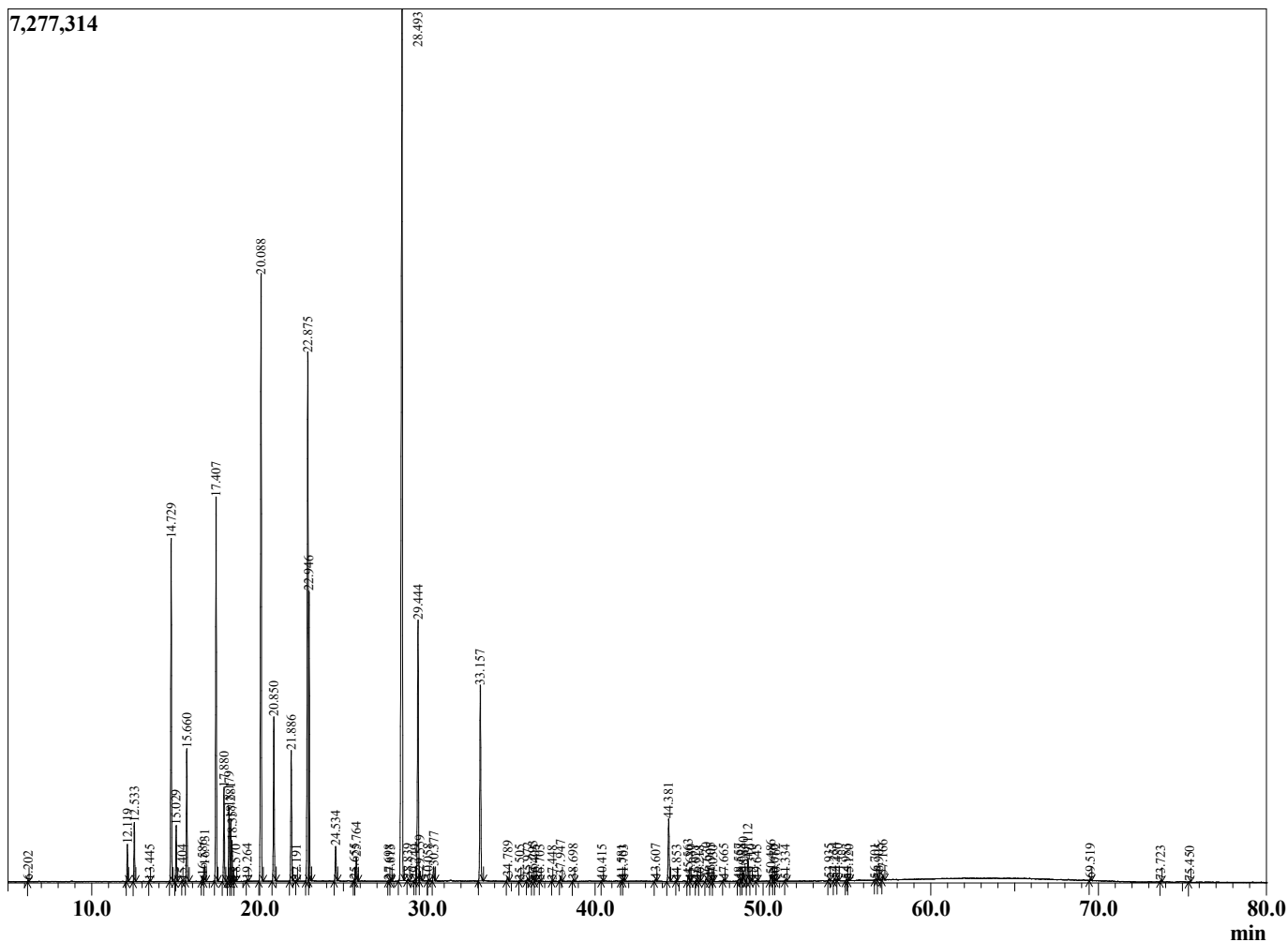
Sample Information

Sample Type : Essential Oil
 Sample Name : Origanum majorana
 Injection : 0.10
 Volume :

Marjoram Sweet Hungary
 Lot# HUH15-HH
 Country: Hungary



Chromatogram Origanum majorana



R.Time	Name	Area%
6.202	Methyl 2-methylbutyrate	0.01
12.119	alpha-Thujene	0.59
12.533	alpha-Pinene	0.96
13.445	Camphene	0.02
14.729	Sabinene	5.99
15.029	beta-Pinene	1.01
15.404	3-Octanone	0.01
15.660	Myrcene	2.34
16.586	Pseudolimonene	0.10
16.731	alpha-Phellandrene	0.31
17.407	alpha-Terpinene	7.31
17.880	para-Cymene	1.75
18.179	Limonene	1.39
18.281	beta-Phellandrene	1.23
18.357	1,8-Cineole	0.72
18.570	cis-beta-Ocimene	0.02
19.264	trans-beta-Ocimene	0.03
20.088	gamma-Terpinene	12.64
20.850	trans-Sabinene hydrate	3.25
21.886	Terpinolene	2.62
22.191	para-Cymenene	0.01
22.875	Linalool	12.19
22.946	cis-Sabinene hydrate	5.32
24.534	cis-para-Menth-2-en-1-ol	0.75
25.655	trans-Pinocarveol	0.03
25.764	trans-para-Menth-2-en-1-ol	0.50
27.698	delta-Terpineol	0.01
27.813	Borneol	0.02
28.493	Terpinen-4-ol	24.10
28.839	para-Cymen-8-ol	0.03
29.249	Unidentified	0.02
29.444	alpha-Terpineol	5.80
29.559	cis-Piperitol + Unidentified	0.26
30.058	trans-Dihydrocarvone	0.03
30.377	trans-Piperitol	0.31
33.157	Linalyl acetate	4.45
34.789	cis-Ascrinol glycol	0.10
35.505	Bornyl acetate	0.01
35.972	trans-Ascrinol glycol	0.06
36.293	Terpin-1-en-4-yl acetate	0.11
36.405	Carvacrol	0.02
36.703	Unidentified	0.01
37.448	Unidentified	0.01
37.947	Unidentified	0.11
38.698	delta-Elemene	0.04
40.415	Neryl acetate	0.02
41.581	alpha-Copaene	0.02
41.703	Geranyl acetate	0.02
43.607	alpha-Gurjunene	0.04
44.381	trans-beta-Caryophyllene	1.48
44.853	Unidentified	0.01
45.563	beta-Copaene	0.17
45.680	Unidentified	0.01
46.021	alpha-Guaiene	0.02
46.218	Unidentified	0.01
46.630	alpha-Humulene	0.07

R.Time	Name	Area%
46.905	Alloaromodendrene	0.08
47.030	Unidentified	0.01
47.665	Cadina-1(6),4-diene	0.04
48.557	para-(1S,2S,4S)-Menthane-1,2,4-triol	0.06
48.698	beta-Selinene	0.04
48.840	Viridiflorene	0.21
49.112	Bicyclogermacrene	0.53
49.310	alpha-Murolene	0.02
49.645	trans,trans-alpha-Farnesene	0.02
50.486	delta-Cadinene	0.14
50.670	Unidentified	0.01
50.762	Zonarene	0.03
51.334	trans-Cadina-1,4-diene	0.02
53.935	Spathulenol	0.04
54.254	Caryophyllene oxide	0.04
54.480	Globulol	0.03
54.983	Viridiflorol	0.03
55.120	Cubeban-11-ol	0.02
56.701	Rosifoliol	0.02
56.905	Epicubenol	0.02
57.166	Unidentified	0.10
69.519	Unidentified	0.04
73.723	meta-Camphorene	0.02
75.450	para-Camphorene	0.01
		100.00