

Sample Information

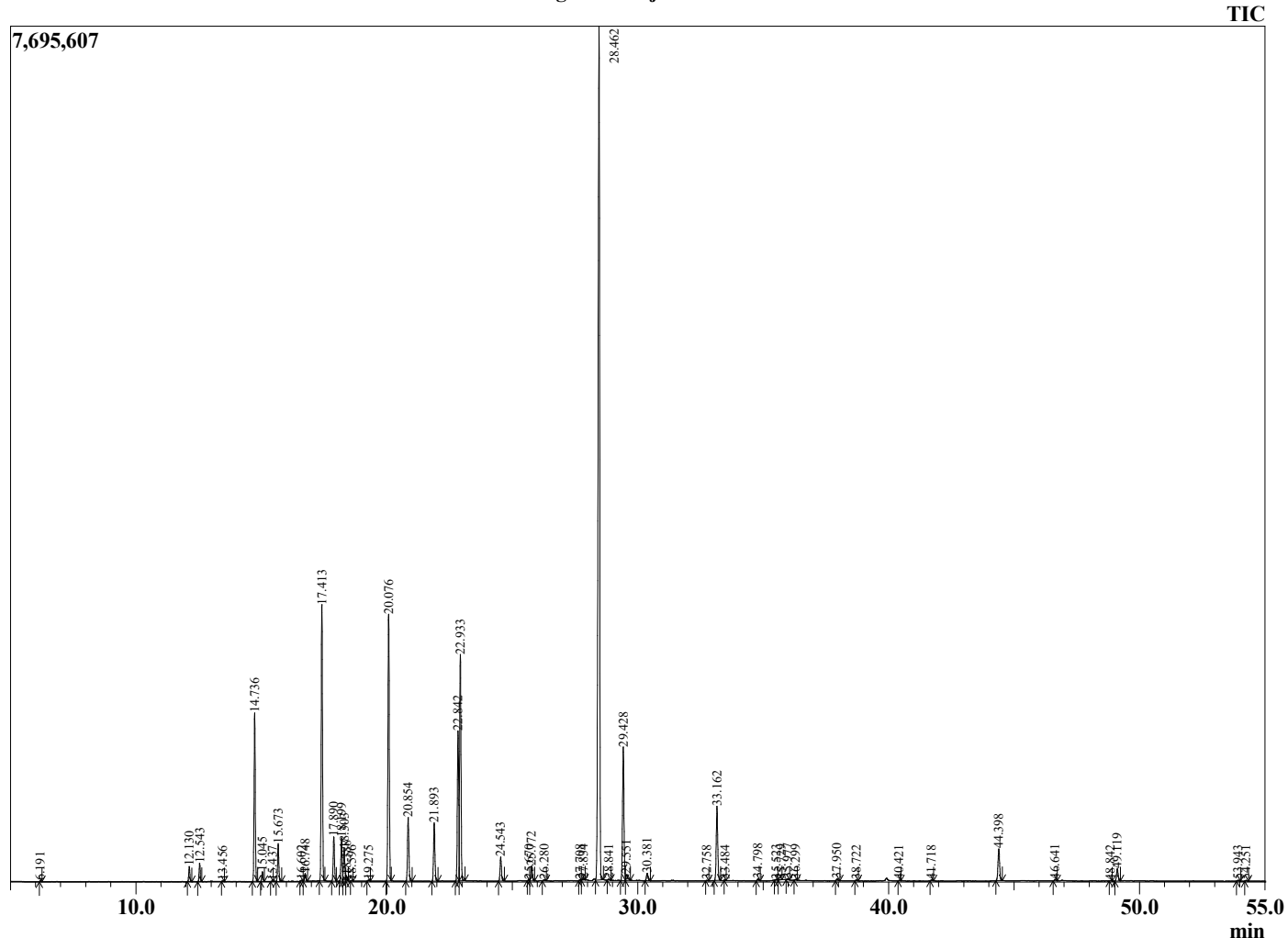
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 4/19/2022 2:07:35 AM
 Sample Type : Essential Oil
 Sample Name : Marjoram Oil- Revive
 Sample ID : 6E
 Injection Volume : 0.10
 Instrument ID: : GC-3



Peak Report TIC

R.Time	Name	Area%
6.191	Methyl-2-methylbutyrate	0.02
12.130	alpha-Thujene	0.45
12.543	alpha-Pinene	0.56
13.456	Camphene	0.02
14.736	Sabinene	5.34
15.045	beta-Pinene	0.31
15.437	3-Octanone	0.02
15.673	Myrcene	1.24
16.602	Pseudolimonene	0.04
16.748	alpha-Phellandrene	0.27
17.413	alpha-Terpinene	9.63
17.890	para-Cymene	1.49
18.199	Limonene	1.50
18.303	beta-Phellandrene	1.17
18.388	1,8-Cineole	0.16
18.596	cis-beta-Ocimene	0.02
19.275	trans-beta-Ocimene	0.04
20.076	gamma-Terpinene	9.80
20.854	trans-Sabinene hydrate	2.38
21.893	Terpinolene	2.14
22.842	Linalool	5.59
22.933	cis-Sabinene hydrate	8.25
24.543	cis-para-menth-2-en-1-ol	0.92
25.670	trans-Pinocarveol	0.05
25.772	trans-para-menth-2-en-1-ol	0.59
26.280	Unidentified	0.04
27.708	delta-Terpineol	0.02
27.834	Borneol	0.04
28.462	Terpinen-4-ol	36.44
28.841	para-Cymen-8-ol	0.03
29.428	alpha-Terpineol	5.25
29.551	cis-Piperitol	0.29
30.381	trans-Piperitol	0.31
32.758	Carvone	0.01
33.162	Linalyl acetate	3.04
33.484	Unidentified	0.01
34.798	cis-Ascrinol glycol	0.08
35.523	Bornyl acetate	0.03
35.729	Unidentified	0.02
35.977	trans-Ascrinol glycol	0.04
36.299	4-Terpinyol acetate	0.03
37.950	Unidentified	0.09
38.722	delta-Elementene	0.04
40.421	Neryl acetate	0.02
41.718	Geranyl acetate	0.04
44.398	beta-Caryophyllene	1.42
46.641	alpha-Humulene	0.06
48.842	Viridiflorene	0.02
49.119	Bicyclogermacrene	0.55
53.943	Spathulenol	0.04
54.251	Caryophyllene oxide	0.03
		100.00

Chromatogram Marjoram Oil- Revive



Comments:

The analysis of this Marjoram batch sample meets the expected chemical profile for authentic essential oil of *Origanum majorana*. No contamination or adulteration was detected. The results provided in this GC/MS quality analysis reflect the chemical composition of the oil and lot referenced above on the date of analysis.