

Sample Information

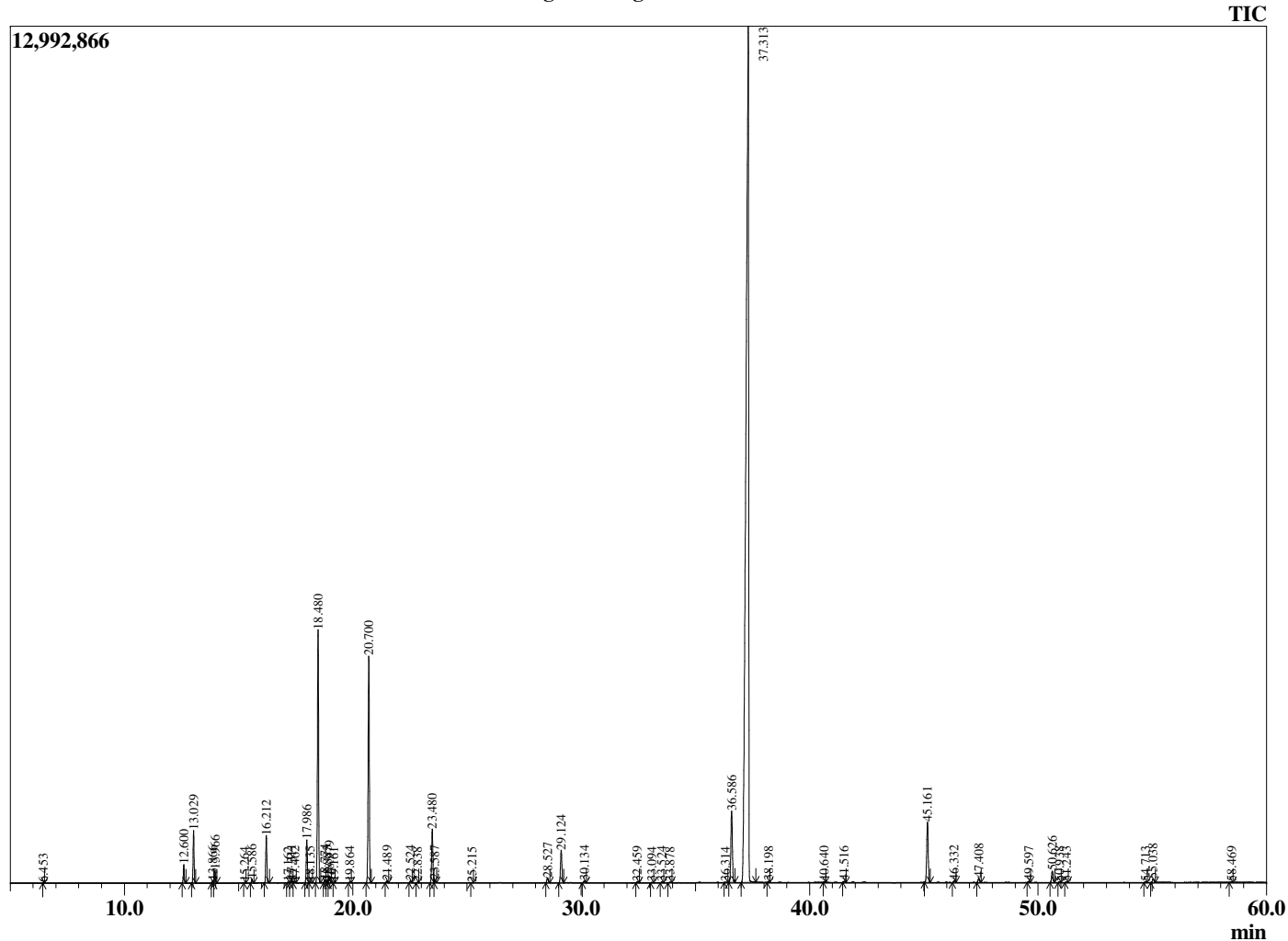
Analyzed by : Dr. Robert S. Pappas  
 Analyzed : 7/12/2020 10:02:43 AM  
 Sample Type : Essential Oil  
 Sample Name : Oregano - Edens Garden  
 Sample ID : BA18FAN  
 Injection Volume : 0.10  
 Instrument ID : GC-3



Peak Report TIC

R.Time	Name	Area%
4.242	3-methylbutanal	0.01
4.355	2-methylbutanal	0.01
6.453	Methyl 2-methylbutyrate	0.01
12.600	alpha-Thujene	0.52
13.029	alpha-Pinene	1.53
13.866	alpha-Fenchene	0.07
13.966	Camphene	0.40
15.264	Sabinene	0.02
15.586	beta-Pinene	0.12
16.212	Myrcene	1.53
17.162	Pseudolimonene	0.02
17.311	alpha-Phellandrene	0.11
17.462	delta-3-Carene	0.04
17.986	alpha-Terpinene	1.44
18.135	ortho-Cymene	0.04
18.480	para-Cymene	8.45
18.774	Limonene	0.10
18.883	beta-Phellandrene	0.06
18.979	1,8-Cineole	0.23
19.161	Unidentified	0.02
19.864	trans-beta-Ocimene	0.03
20.700	gamma-Terpinene	8.07
21.489	trans-Sabinene hydrate	0.07
22.524	Terpinolene	0.07
22.838	para-Cymenene	0.02
23.480	Linalool	1.95
23.587	cis-Sabinene hydrate	0.11
25.215	cis-p-Menth-2-en-1-ol	0.01
28.527	Borneol	0.19
29.124	Terpinen-4-ol	1.32
30.134	alpha-Terpineol	0.08
32.459	Thymol methyl ether	0.05
33.094	Carvacrol methyl ether	0.02
33.524	Carvone	0.04
33.878	Unidentified	0.03
36.314	Unidentified	0.02
36.586	Thymol	3.14
37.313	Carvacrol	66.25
38.198	Unidentified	0.04
40.640	Eugenol	0.01
41.516	Thymol acetate	0.04
45.161	beta-Caryophyllene	2.65
46.332	Aromadendrene	0.07
47.408	alpha-Humulene	0.18
49.597	Viridiflorene	0.05
50.626	beta-Bisabolene	0.49
50.938	Elemol	0.03
51.243	delta-Cadinene	0.03
54.713	Spathulenol	0.03
55.038	Caryophyllene oxide	0.17
58.469	alpha-Muurolol	0.04
		100.00

Chromatogram Oregano - Edens Garden



Comments:

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