

Sample Information

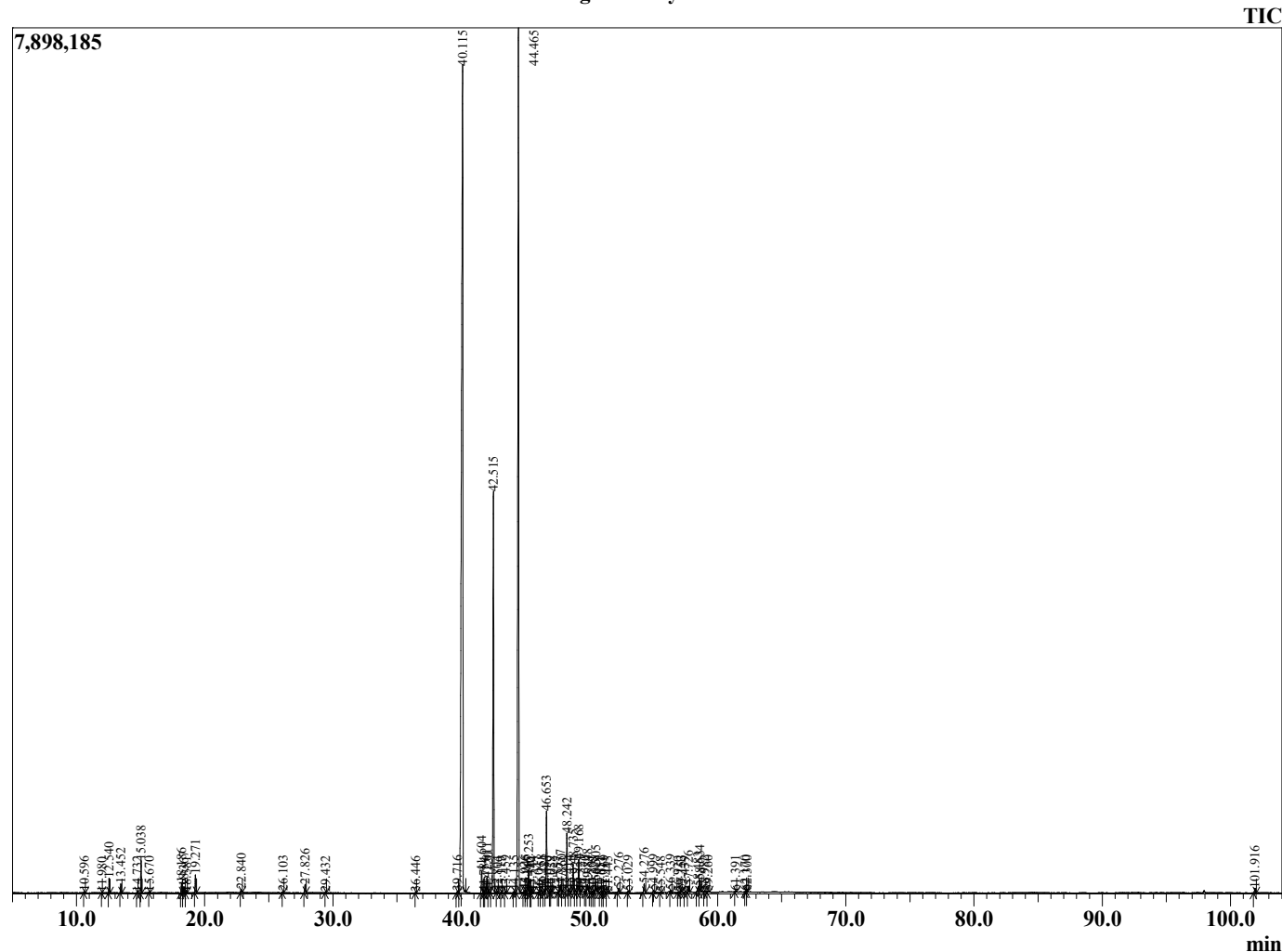
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 3/8/2023 11:22:04 AM
 Sample Type : Essential Oil
 Sample Name : Holy Basil - Revive
 Sample ID : 7G
 Injection Volume : 0.10
 Instrument ID: : GC-3



Peak Report TIC

R.Time	Name	Area%
4.103	3-Methylbutanal	0.01
10.596	2,5-Diethyltetrahydrofuran	0.02
11.980	Tricyclene	0.01
12.540	alpha-Pinene	0.29
13.452	Camphene	0.19
14.732	Sabinene	0.02
15.038	beta-Pinene	0.68
15.670	Myrcene	0.02
18.186	Limonene	0.22
18.367	1,8-cineole	0.16
18.581	cis-beta-Ocimene	0.02
19.271	trans-beta-Ocimene	0.40
22.840	Linalool	0.08
26.103	Camphor	0.04
27.826	Borneol	0.22
29.432	alpha-Terpineol	0.01
36.446	Carvacrol	0.02
39.716	alpha-Cubebene	0.06
40.115	Eugenol	43.60
41.604	alpha-Copaene	0.64
41.784	Unidentified	0.02
42.011	Elemene isomer	0.47
42.120	beta-Bourbonene	0.13
42.515	beta-Elemene	12.07
42.804	Unidentified	0.03
43.119	Methyleugenol	0.02
43.459	cis-beta-Caryophyllene	0.06
44.135	alpha-Barbatene	0.06
44.465	beta-Caryophyllene	29.89
44.926	Unidentified	0.07
45.045	beta-Copaene	0.08
45.253	trans-alpha-Bergamotene	0.69
45.410	Unidentified	0.02
45.544	Isobazzanene	0.03
46.047	Cadina-3,5-diene	0.01
46.258	alpha-Himachalene	0.10
46.484	trans-beta-Farnesene	0.04
46.653	alpha-Humulene	2.42
46.929	Alloaromadendrene	0.02
47.058	cis-Cadina-1(6),4-diene	0.03
47.557	Unidentified	0.01
47.757	Selina-4,11-diene	0.24
47.860	trans-Cadina-1(6),4-diene	0.06
48.242	Germacrene D	1.73
48.414	trans-beta-Bergamotene	0.07
48.735	beta-Selinene	0.88
48.923	trans-Murrola-4(14),5-diene	0.06
49.168	alpha-Selinene	1.05
49.321	alpha-Murolene	0.04
49.670	Unidentified	0.04
49.848	Unidentified	0.33
50.201	gamma-Cadinene	0.04
50.328	Cubebol	0.03
50.505	delta-Cadinene	0.37
50.851	beta-Sesquiphellandrene	0.02
51.017	(E)-gamma-Bisabolene	0.03
51.169	Kessane	0.07
51.445	Unidentified	0.04
52.276	Elemol	0.14
53.029	trans-Nerolidol	0.05
54.276	Caryophyllene oxide	0.28
54.999	Viridiflorol	0.06

Chromatogram Holy Basil - Revive



Comments:

The analysis of this Holy Basil batch sample meets the expected chemical profile for authentic essential oil of *Ocimum sanctum*. 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.

R.Time	Name	Area%
55.548	Unidentified	0.02
56.339	Unidentified	0.07
56.920	Cubenol analogue	0.01
57.153	gamma-Eudesmol	0.06
57.439	Unidentified	0.01
57.726	Unidentified	0.21
58.483	Cubenol analogue	0.24
58.634	Intermedeol analogue	0.39
58.982	Intermedeol analogue	0.05
59.260	Unidentified	0.06
61.391	Unidentified	0.03
62.170	Unidentified	0.02
62.300	Unidentified	0.03
101.916	Eugenyl dimer	0.17
		100.00