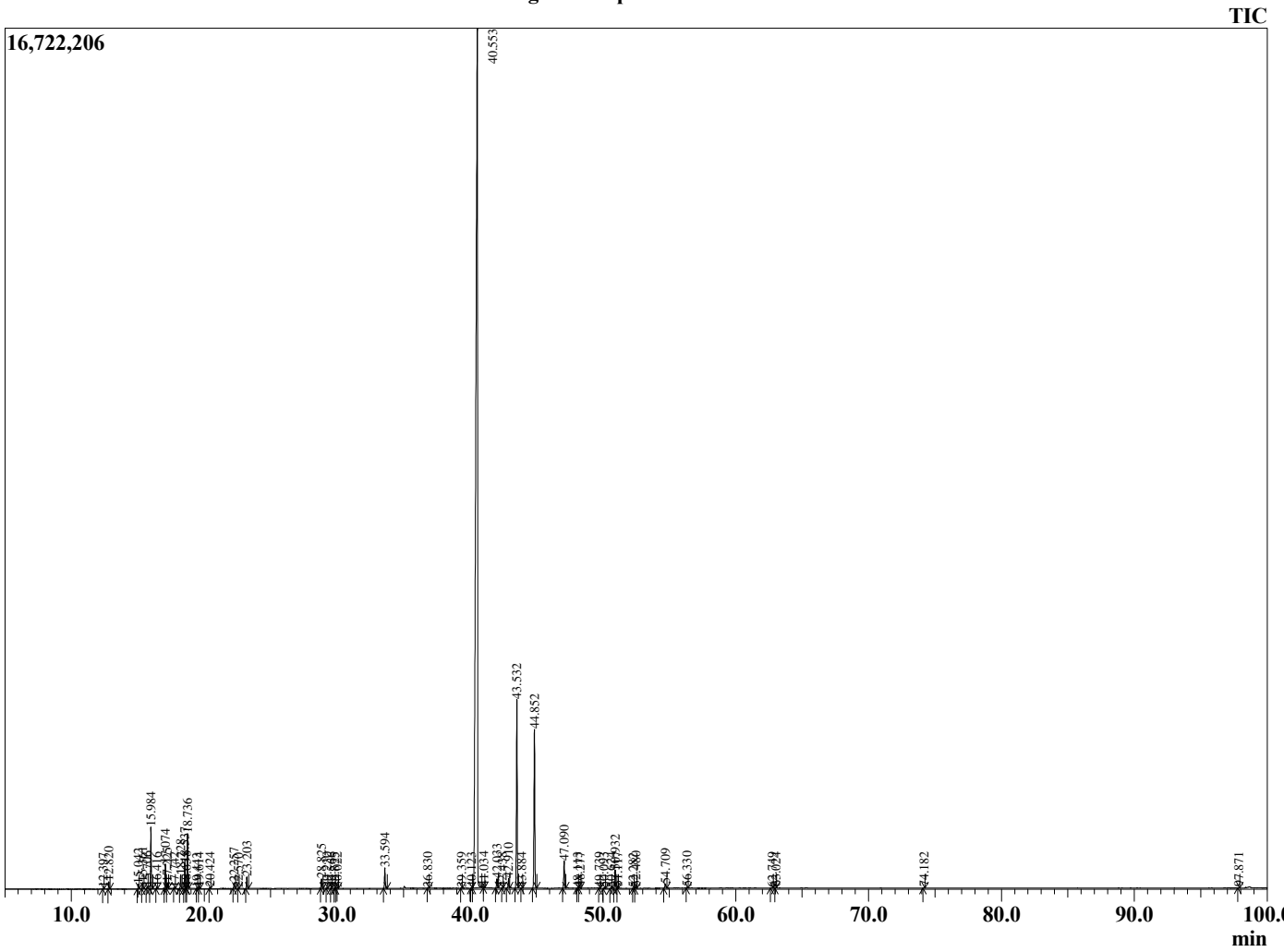
Sample Information

Analyzed by : Dr. Robert S. Pappas
Analyzed : 2/26/2021 4:15:00 PM
Sample Type : Essential Oil
Sample Name : Allspice Oil -Eden's Garden
Sample ID : BB22AA
Injection Volume : 0.10
Instrument ID: : GC-3

Chromatogram Allspice Oil -Eden's Garden



Peak Report TIC

R.Time	Name	Area%
12.397	alpha-Thujene	0.02
12.820	alpha-Pinene	0.20
15.042	Sabinene	0.14
15.361	beta-Pinene	0.20
15.706	3-Octanone	0.06
15.984	Myrcene	1.92
16.416	3-Octanol	0.03
17.074	alpha-Phellandrene	0.77
17.225	delta-3-Carene	0.19
17.742	alpha-Terpinene	0.02
18.228	para-Cymene	0.45
18.537	Limonene	0.85
18.658	beta-Phellandrene	0.03
18.736	1,8-cineole	1.86
19.443	Unidentified	0.00
19.614	(E)-beta-Ocimene	0.04
20.424	gamma-Terpinene	0.03
22.257	Terpinolene	0.21
22.570	Unidentified	0.01
23.203	Linalool	0.42
28.825	Terpinen-4-ol	0.36
29.230	para-Cymen-8-ol	0.02
29.566	Unidentified	0.01
29.825	alpha-Terpineol	0.02
30.022	Estragole	0.03
33.594	Chavicol	0.77
36.830	Carvacrol	0.01
39.359	delta-Elemene	0.02
40.123	alpha-Cubebene	0.01
40.553	Eugenol	73.51
41.034	Unidentified	0.01
42.033	alpha-Copaene	0.37
42.438	Elemene isomer	0.01
42.910	beta-Elemene	0.41
43.532	Methyleugenol	7.61
43.884	Unidentified	0.02
44.852	trans-beta-Caryophyllene	6.87
47.090	alpha-Humulene	1.15
48.113	10-beta-H-Cadina-1(6),4-diene	0.02
48.277	trans-Cadina-1(6),4-diene	0.03
49.739	alpha-Muurolene	0.02
50.093	(E,E)-alpha-Farnesene	0.03
50.624	gamma-Cadinene	0.04
50.932	delta-Cadinene	0.78
51.117	trans-Calamenene	0.03
52.282	alpha-Calacorene	0.00
52.480	Unidentified	0.06
54.709	Caryophyllene oxide	0.22
56.330	Humulene epoxide II	0.03
62.749	Unidentified	0.02
63.024	Unidentified	0.01
74.182	Myrcene dimer I	0.02
97.871	Unidentified	0.02
		100.00

Comments:

The analysis of this Allspice batch sample meets the expected chemical profile for authentic essential oil of *Pimento dioica.* 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.