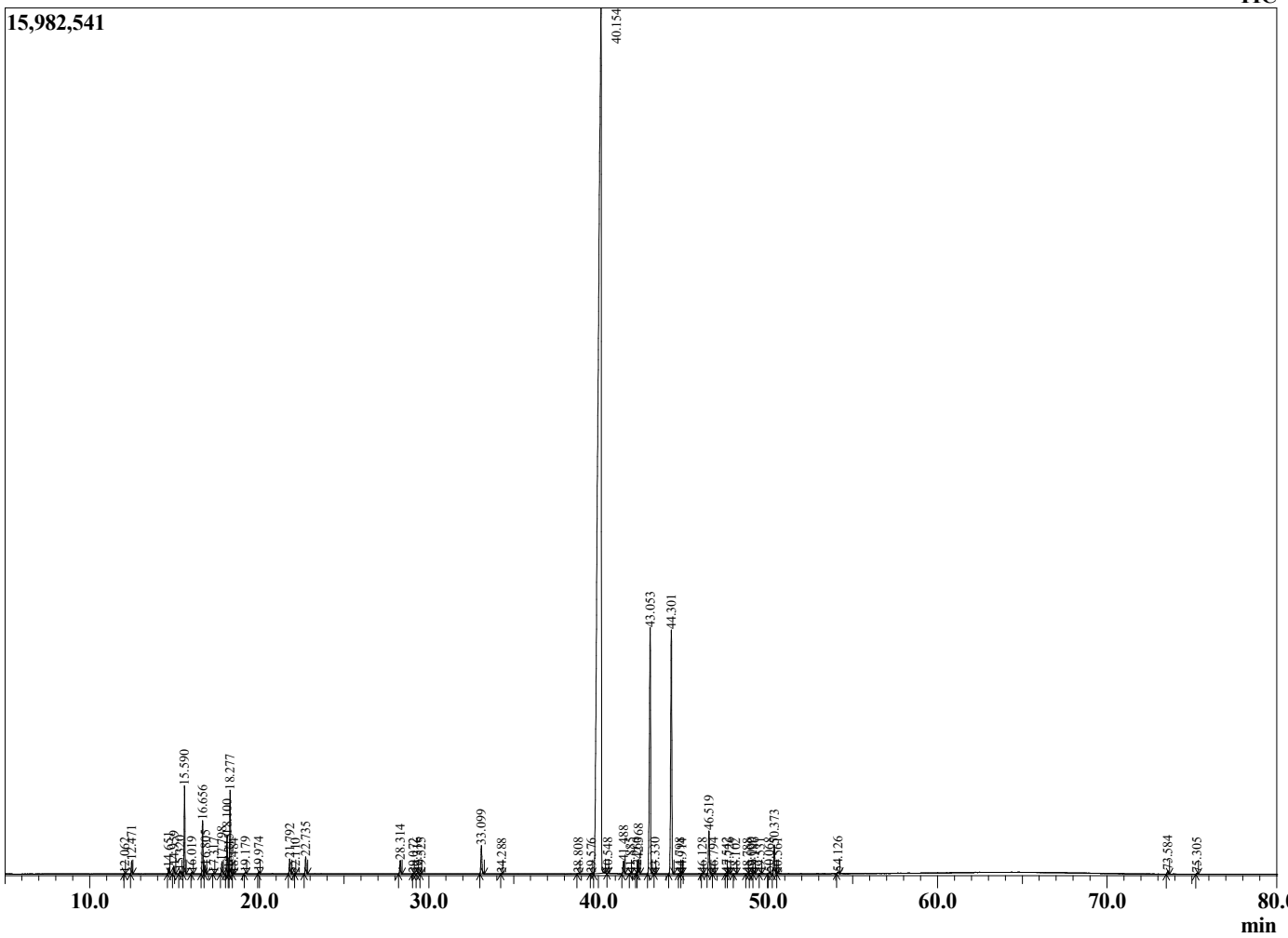
Sample Information

Analyzed by : Dr. Robert S. Pappas
Analyzed : 10/30/2023 10:06:20 AM
Sample Type : Essential Oil
Sample Name : Allspice - Revive
Sample ID : 4M
Injection Volume : 0.10
Instrument ID: : GC-3

Chromatogram Allspice - Revive



Comments:

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

Peak Report TIC

R.Time	Name	Area%
12.062	alpha-Thujene	0.01
12.471	alpha-Pinene	0.25
14.651	Sabinene	0.12
14.959	beta-Pinene + 1-Octen-3-ol	0.20
15.320	3-Octanone	0.07
15.590	Myrcene	1.81
16.019	3-Octanol	0.03
16.656	alpha-Phellandrene	1.16
16.805	delta-3-Carene	0.18
17.317	alpha-Terpinene	0.02
17.798	para-Cymene	0.27
18.100	Limonene	0.89
18.215	beta-Phellandrene	0.04
18.277	1,8-Cineole	1.91
18.484	cis-beta-Ocimene	0.01
19.179	trans-beta-Ocimene	0.03
19.974	gamma-Terpinene	0.05
21.792	Terpinolene	0.35
22.110	Unidentified	0.00
22.735	Linalool	0.41
28.314	Terpinen-4-ol	0.34
29.072	Unidentified	0.01
29.316	alpha-Terpineol	0.02
29.525	Estragole	0.02
33.099	Chavicol	0.75
34.288	Unidentified	0.01
38.808	delta-Elemene	0.02
39.576	Unidentified	0.01
40.154	Eugenol	72.85
40.548	Unidentified	0.00
41.488	alpha-Copaene	0.36
41.885	Unidentified	0.01
42.260	Unidentified	0.02
42.368	beta-Elemene	0.41
43.053	Methyleugenol	7.68
43.330	Unidentified	0.01
44.301	beta-Caryophyllene	7.21
44.798	Unidentified	0.02
44.914	Unidentified	0.01
46.128	Unidentified	0.01
46.519	alpha-Humulene	1.23
46.794	Alloaromodendrene	0.02
47.542	10-beta-Cadina-1(6),4-diene	0.02
47.726	trans-Cadina-1(6),4-diene	0.03
48.102	Unidentified	0.01
48.788	Unidentified	0.01
49.000	Unidentified	0.03
49.186	Unidentified	0.02
49.531	trans,trans-alpha-Farnesene	0.02
50.068	Unidentified	0.03
50.373	delta-Cadinene	0.84
50.561	Unidentified	0.01
54.126	Caryophyllene oxide	0.05
73.584	meta-Camphorene	0.09
75.305	para-Camphorene	0.03
		100.00