

Sample Information

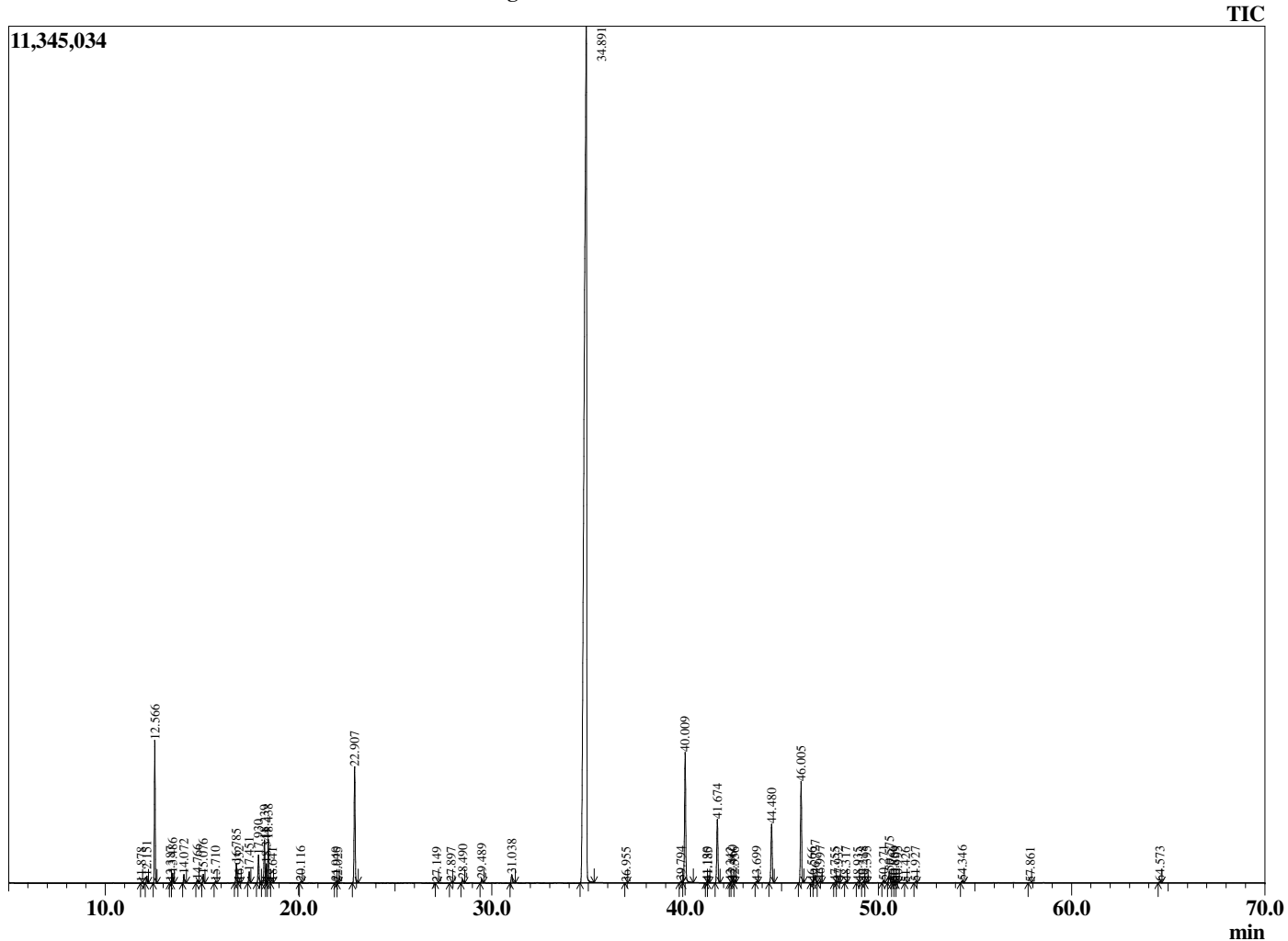
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 12/5/2018 12:55:34 AM
 Sample Type : Essential Oil
 Sample Name : Cinnamon bark - Edens Garden
 Sample ID : AH28JA
 Injection Volume : 0.10
 Instrument ID : GC-3



Peak Report TIC

R.Time	Name	Area%
11.878	Hashishene	0.01
12.151	alpha-Thujene	0.19
12.566	alpha-Pinene	3.81
13.387	alpha-Fenchene	0.03
13.486	Camphene	0.28
14.072	Benzaldehyde	0.24
14.766	Sabinene	0.10
15.076	beta-Pinene	0.26
15.710	Myrcene	0.04
16.785	alpha-Phellandrene	0.58
16.932	delta-3-Carene	0.05
17.451	alpha-Terpinene	0.35
17.930	para-Cymene	0.89
18.239	Limonene	1.33
18.344	beta-Phellandrene	0.59
18.438	1,8-cineole	1.38
18.641	cis-beta-Ocimene	0.02
20.116	gamma-Terpinene	0.03
21.940	Terpinolene	0.03
22.025	trans-Linalool oxide (furanoid)	0.01
22.907	Linalool	3.85
27.149	Hydrocinnamaldehyde	0.02
27.897	Borneol	0.03
28.490	Terpinen-4-ol	0.13
29.489	alpha-Terpineol	0.14
31.038	(Z)-Cinnamaldehyde	0.31
34.891	(E)-Cinnamaldehyde	70.24
36.955	(E)-Cinnamyl alcohol	0.02
39.794	alpha-Cubebene	0.06
40.009	Eugenol	4.88
41.130	Hydrocinnamyl acetate	0.02
41.185	Unidentified	0.02
41.674	alpha-Copaene	2.43
42.342	trans-Cinnamyl acetate	0.01
42.460	beta-Cubebene	0.10
42.556	beta-Elementene	0.02
43.699	alpha-Gurjunene	0.05
44.480	beta-Caryophyllene	2.30
46.005	(E)-Cinnamyl acetate	3.67
46.566	Unidentified	0.02
46.727	alpha-Humulene	0.33
46.997	Alloaromadendrene	0.08
47.755	10-beta-H-Cadina-1(6),4-diene	0.02
47.932	trans-Cadina-1(6),4-diene	0.07
48.317	Germacrene D	0.04
48.935	Viridiflorene (Ledene)	0.03
49.218	Bicyclogermacrene	0.05
49.395	alpha-Murolene	0.04
50.271	Eugenyl acetate	0.08
50.575	delta-Cadinene	0.46
50.766	cis-Calamenene	0.05
50.859	Zonarene	0.03
50.995	ortho-Methoxycinnamaldehyde	0.03
51.426	trans-Cadine-1,4-diene	0.02
51.927	Unidentified	0.03
54.346	Caryophyllene oxide	0.08
57.861	Unidentified	0.02
64.573	Benzyl benzoate	0.05
		100.00

Chromatogram Cinnamon Bark - Edens Garden



Comments:

The analysis of this Cinnamon Bark batch sample meets the expected chemical profile for authentic essential oil of *Cinnamomum zeylanicum*. No contamination or adulteration was detected.