

Sample Information

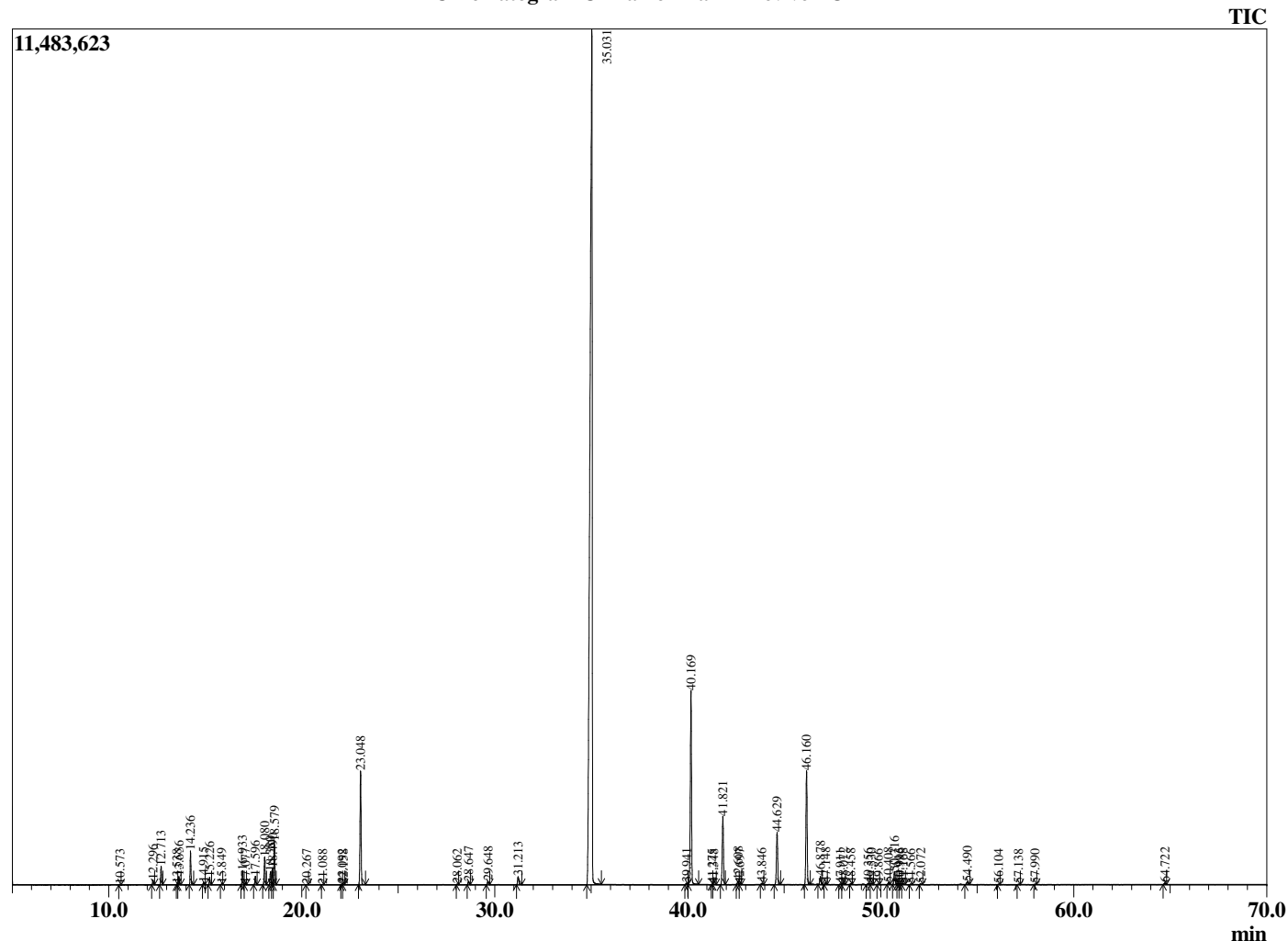
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 2/14/2019 7:52:38 PM
 Sample Type : Essential Oil
 Sample Name : Cinnamon Bark - Revive EO
 Sample ID : E0C0212K
 Injection Volume : 0.10
 Instrument ID: : GC-4



Peak Report TIC

R.Time	Name	Area%
10.573	Styrene	0.01
12.296	alpha-Thujene	0.14
12.713	alpha-Pinene	0.56
13.538	alpha-Fenchene	0.02
13.636	Camphene	0.26
14.236	Benzaldehyde	1.09
14.915	Sabinene	0.08
15.226	beta-Pinene	0.24
15.849	Myrcene	0.03
16.933	alpha-Phellandrene	0.48
17.077	delta-3-Carene	0.04
17.596	alpha-Terpinene	0.30
18.080	para-Cymene	0.95
18.380	Limonene	0.46
18.490	beta-Phellandrene	0.57
18.579	1,8-Cineole	1.57
20.267	gamma-Terpinene	0.01
21.088	cis-Linalool oxide (furanoid)	0.01
22.092	Terpinolene	0.02
22.158	trans-Linalool oxide (furanoid)	0.02
23.048	Linalool	4.34
28.062	Borneol	0.02
28.647	Terpinen-4-ol	0.14
29.648	alpha-Terpineol	0.15
31.213	(Z)-Cinnamaldehyde	0.35
35.031	(E)-Cinnamaldehyde	67.25
39.941	alpha-Cubebene	0.07
40.169	Eugenol	8.28
41.275	Hydrocinnamyl acetate	0.01
41.348	Isoledene	0.03
41.821	alpha-Copaene	3.04
42.608	beta-Cubebene	0.16
42.697	beta-Elementene	0.02
43.846	alpha-Gurjunene	0.05
44.629	beta-Caryophyllene	2.40
46.160	(E)-Cinnamyl acetate	4.91
46.878	alpha-Humulene	0.35
47.148	Alloaromadendrene	0.09
47.911	10-beta-H-Cadina-1(6),4-diene	0.03
48.072	trans-Cadina-1(6),4-diene	0.08
48.458	Germacrene D	0.04
49.356	Bicyclogermacrene	0.07
49.530	alpha-Murolene	0.06
49.866	Unidentified	0.02
50.408	Eugenyl acetate	0.09
50.716	delta-Cadinene	0.59
50.913	cis-Calamenene	0.04
50.996	Zonarene	0.04
51.168	ortho-Methoxycinnamaldehyde	0.04
51.566	trans-Cadina-1,4-diene	0.03
52.072	alpha-Calacorene	0.03
54.490	Caryophyllene oxide	0.14
56.104	Humulene epoxide II	0.02
57.138	1-epi-Cubanol	0.02
57.990	Unidentified	0.02
64.722	Benzyl benzoate	0.07
		100.00

Chromatogram Cinnamon Bark - Revive EO



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.

The results provided in this GCMS quality analysis reflect the chemical composition of the oil and lot referenced above on the date of analysis.