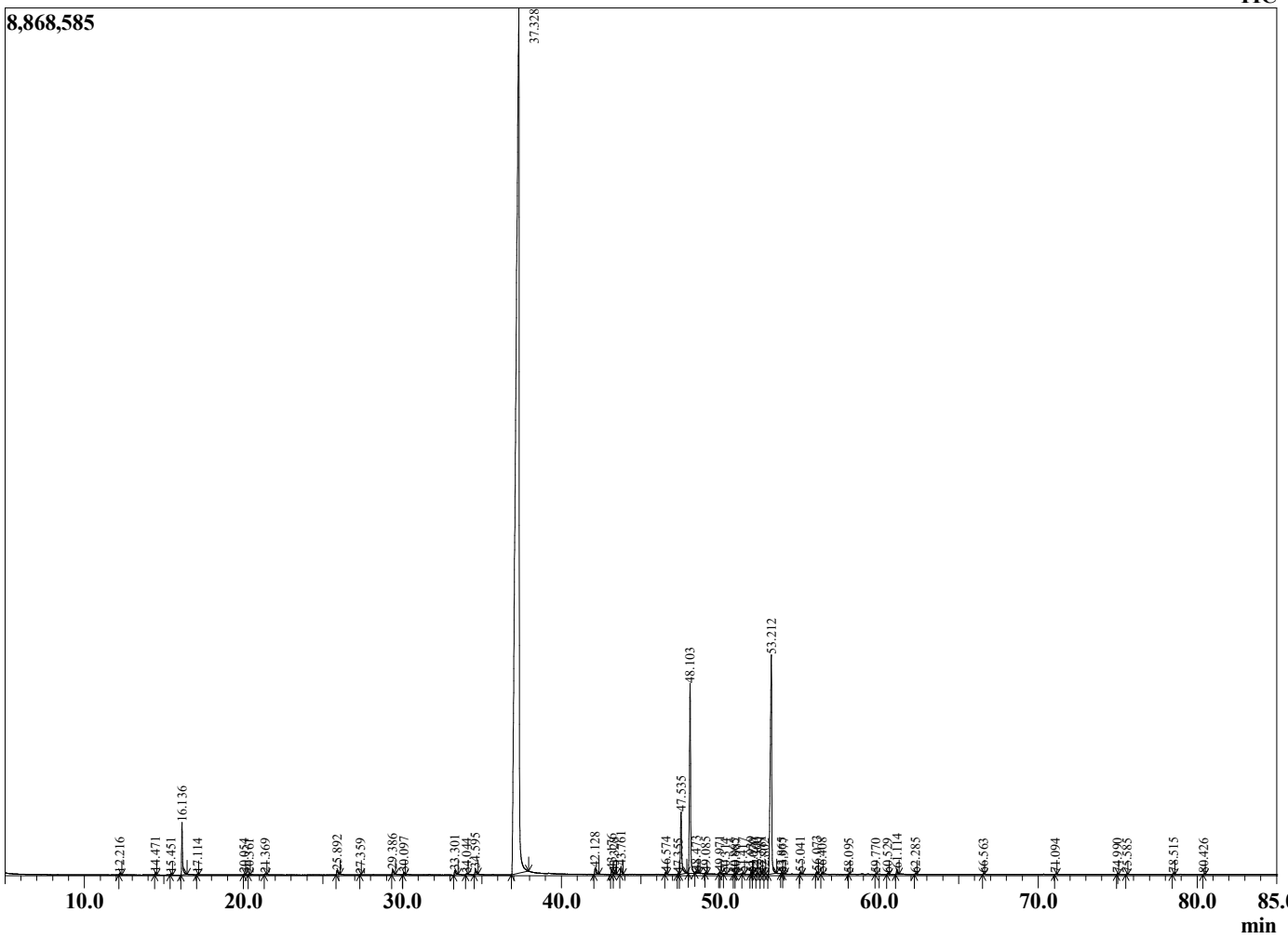
Sample Information

Analyzed by : Dr. Robert S. Pappas
Analyzed : 12/22/2023 3:19:49 AM
Sample Type : Essential Oil
Sample Name : Cassia Oil - Revive
Sample ID : 0M
Injection Volume : 0.10
Instrument ID: : GC-2

Chromatogram Cassia Oil - Revive



Peak Report TIC

R.Time	Name	Area%
12.216	Styrene	0.05
14.471	alpha-Pinene	0.05
15.451	Camphene	0.03
16.136	Benzaldehyde	1.29
17.114	beta-Pinene	0.02
20.054	para-Cymene	0.03
20.361	Limonene	0.03
21.369	Salicylaldehyde	0.03
25.892	Phenethyl alcohol	0.16
27.359	2-Vinylanisole	0.01
29.386	Hydrocinnamaldehyde	0.17
30.097	Borneol	0.05
33.301	(Z)-Cinnamaldehyde	0.17
34.044	Hydrocinnamic alcohol	0.03
34.595	ortho-Anisaldehyde	0.18
37.328	(E)-Cinnamaldehyde	79.08
42.128	Eugenol	0.22
43.176	Unidentified	0.16
43.328	Isoledene	0.05
43.761	alpha-Copaene	0.22
46.574	trans-beta-Caryophyllene	0.06
47.355	trans-alpha-Bergamotene	0.02
47.535	Coumarin	2.14
48.103	(E)-Cinnamyl acetate	5.91
48.473	Unidentified	0.05
49.085	Alloaromodendrene	0.02
49.971	trans-Cadina-1(6),4-diene	0.06
50.314	Ar-Curcumene	0.03
50.865	beta-Selinene	0.01
50.987	Viridiflorene	0.03
51.417	alpha-Muurolene	0.05
51.939	beta-Bisabolene	0.05
52.070	Unidentified	0.01
52.300	gamma-Cadinene	0.04
52.581	delta-Cadinene	0.08
52.802	trans-Calamenene	0.01
53.212	ortho-Methoxycinnamaldehyde	8.85
53.865	(E)-alpha-Bisabolene	0.03
53.977	alpha-Calacorene	0.02
55.041	(E)-Nerolidol	0.06
56.073	Spathulenol	0.08
56.408	Caryophyllene oxide	0.04
58.095	Tetradecanal	0.01
59.770	tau-Cadinol	0.01
60.529	alpha-Cadinol	0.03
61.114	Unidentified	0.15
62.285	alpha-Bisabolol	0.03
66.563	Benzyl benzoate	0.02
71.094	2-Methylbenzyl benzoate	0.02
74.990	Rosa-5,15-diene	0.02
75.585	Unidentified	0.01
78.515	Luxuriadiene	0.04
80.426	Unidentified	0.01
		100.00

Comments:

The analysis of this Cassia Oil
batch sample meets the expected chemical profile for authentic essential oil of Cinnamomum cassia.
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.