

Sample Information

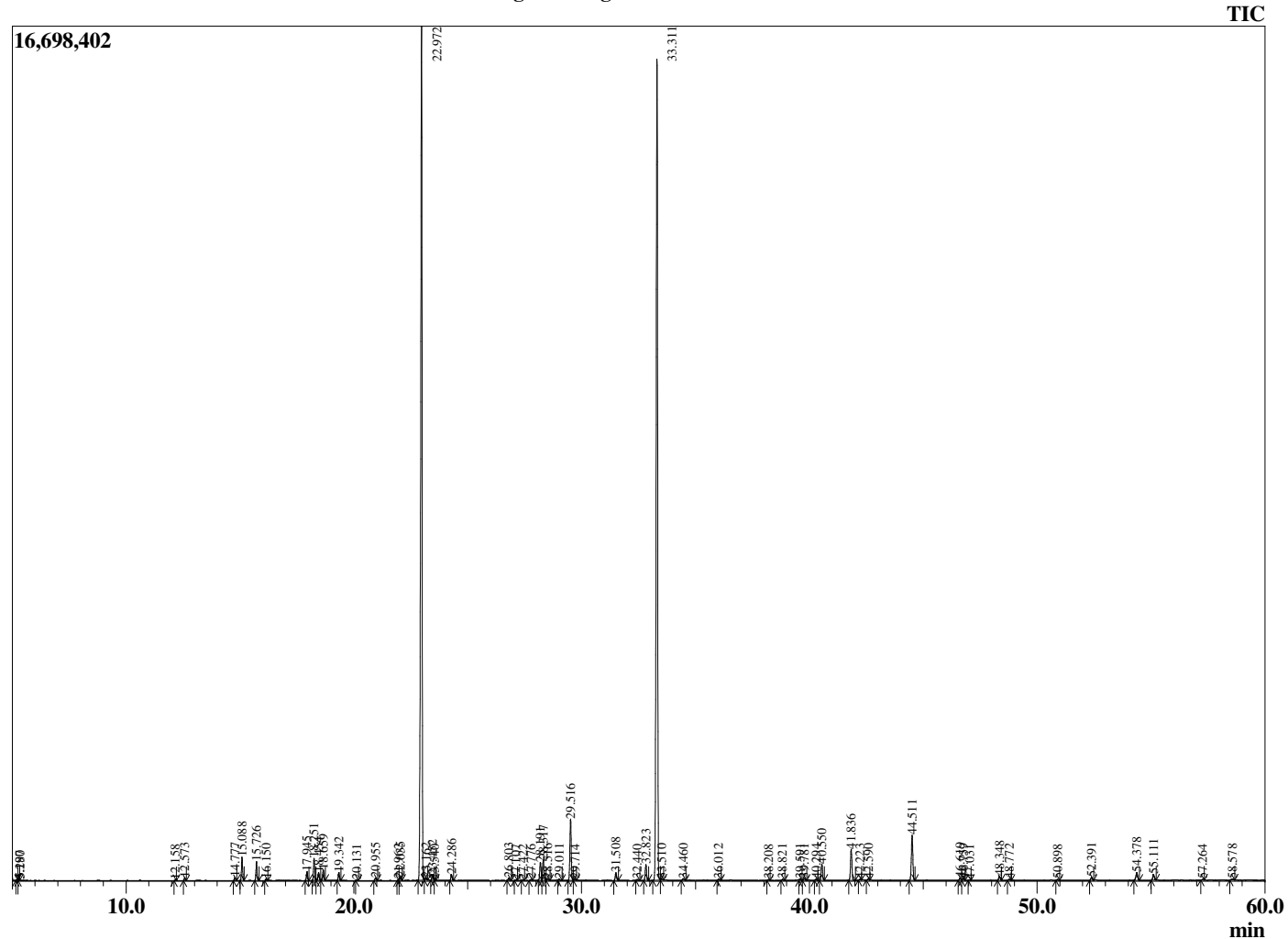
Analyzed by : Dr. Robert S. Pappas  
 Analyzed : 5/9/2018 7:08:28 AM  
 Sample Type : Essential Oil  
 Sample Name : Bergamot Mint - Edens Garden  
 Sample ID : AH25DA  
 Injection Volume : 0.10  
 Instrument ID : GC-3



Peak Report TIC

R.Time	Name	Area%
5.197	1-Pentanol	0.02
5.280	2-Methyl butanol	0.01
12.158	alpha-Thujene	0.02
12.573	alpha-Pinene	0.09
14.777	Sabinene	0.11
15.088	beta-Pinene	0.90
15.726	Myrcene	0.74
16.150	3-Octanol	0.06
17.945	para-Cymene	0.36
18.251	Limonene	0.88
18.454	1,8-cineole	0.34
18.659	cis-beta-Ocimene	0.44
19.342	trans-beta-Ocimene	0.32
20.131	gamma-Terpinene	0.03
20.955	cis-Linalool oxide (furanoid)	0.11
21.962	Terpinolene	0.05
22.035	trans-Linalool oxide (furanoid)	0.15
22.972	Linalool	41.26
23.162	2-Methylbutyl-2-methylbutyrate	0.10
23.452	1-Octen-3-yl acetate	0.24
23.540	2-Methylbutyl isovalerate	0.02
24.286	3-Octyl acetate	0.25
26.803	Menthone	0.11
27.107	trans-Pinocamphone	0.02
27.422	Isomenthone	0.04
27.776	Menthol	0.05
28.191	cis-Pinocamphone	0.83
28.317	Menthol	0.93
28.516	Terpinen-4-ol	0.08
29.011	3-cis-Hexenyl butyrate	0.08
29.516	alpha-Terpineol	2.83
29.714	Unidentified	0.06
31.508	Nerol	0.35
32.440	Neral	0.05
32.823	Carvone	0.74
33.311	Linalyl acetate	40.51
33.510	Piperitone	0.05
34.460	Geranial	0.09
36.012	Menthyl acetate	0.06
38.208	Myrtenyl acetate	0.04
38.821	Unidentified	0.05
39.591	Unidentified	0.07
39.781	Unidentified	0.09
40.294	Unidentified	0.06
40.550	Neryl acetate	0.78
41.836	Geranyl acetate	1.50
42.223	beta-Bourbonene	0.04
42.590	beta-Elementene	0.07
44.511	beta-Caryophyllene	2.32
46.619	trans-beta-Farnesene	0.12
46.759	alpha-Humulene	0.09
47.031	Alloaromadendrene	0.03
48.348	Germacrene D	0.21
48.772	Unidentified	0.06
50.898	Dihydroagarofuran	0.05
52.391	Elemol	0.16
54.378	Caryophyllene oxide	0.46
55.111	Viridiflorol	0.30
57.264	gamma-Eudesmol	0.03
58.578	alpha-Eudesmol	0.09
		100.00

Chromatogram Bergamot Mint - Edens Garden



Comments:

The analysis of this Bergamot Mint batch sample meets the expected chemical profile for authentic essential oil of *Mentha citrata*. No contamination or adulteration was detected.