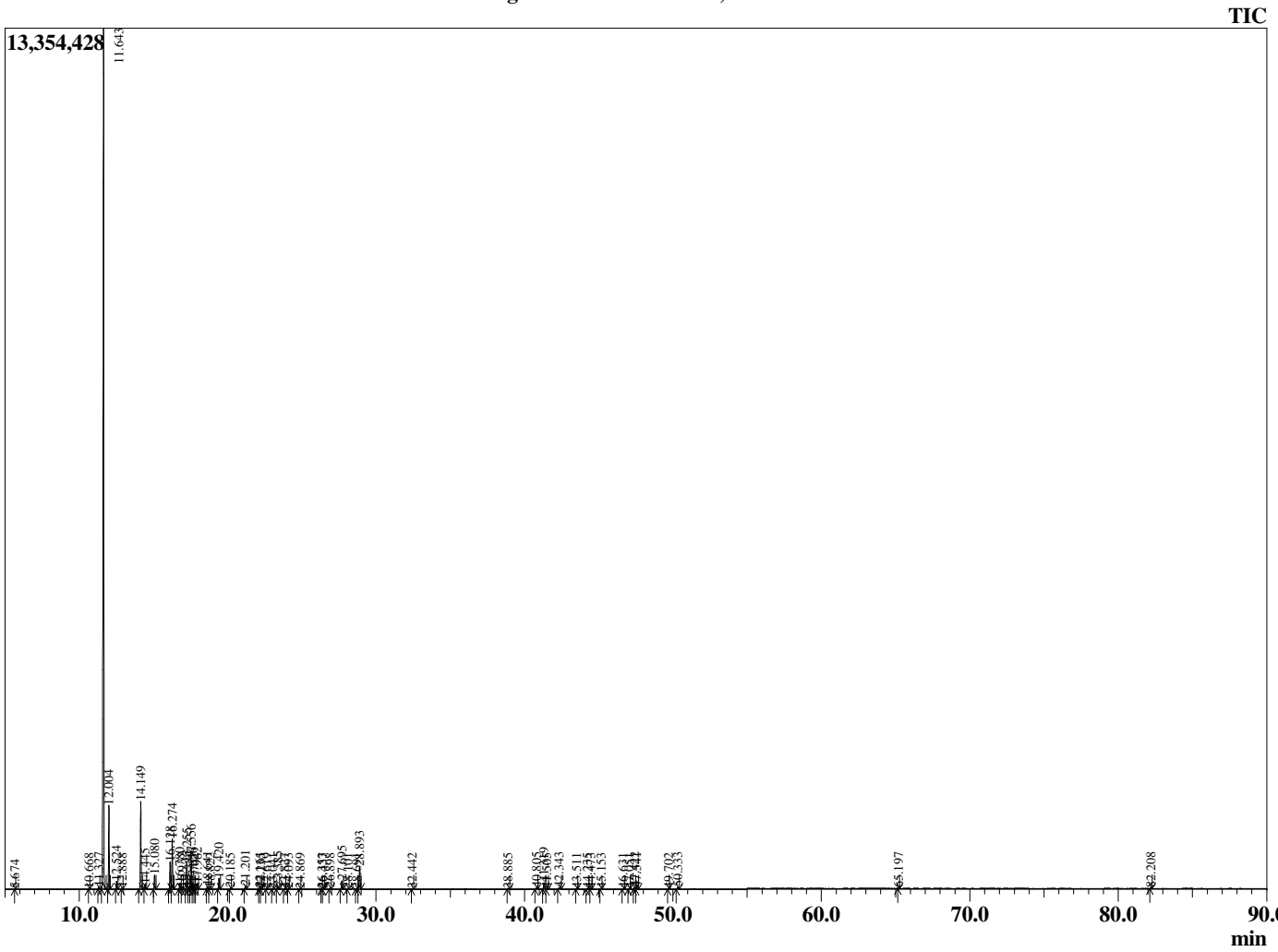
Sample Information

Analyzed by : Dr. Robert S. Pappas
Analyzed : 7/4/2019 5:47:22 PM
Sample Type : Essential Oil
Sample Name : Frankincense Oil, India - Revive
Sample ID : E0C0314A
Injection Volume : 0.10
Instrument ID: : GC-3

Chromatogram Frankincense Oil, India - Revive



Comments:

The analysis of this Frankincense - serrata batch sample meets the expected chemical profile for authentic essential oil of *Boswellia serrata*. 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.

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Peak Report TIC

R.Time	Name	Area%
5.674	Toluene	0.01
10.668	Unidentified	0.02
11.327	Hashishene	0.13
11.643	alpha-Thujene	68.38
12.004	alpha-Pinene	5.25
12.524	Thujadiene isomer	0.53
12.888	Camphene	0.07
14.149	Sabinene	5.94
14.445	beta-Pinene	0.36
15.080	Myrcene	1.00
16.128	alpha-Phellandrene	1.95
16.274	delta-3-Carene	3.67
16.780	alpha-Terpinene	0.46
16.932	ortho-Cymene	0.10
17.255	para-Cymene	1.94
17.384	Thujol isomer	0.18
17.556	Limonene	2.22
17.656	beta-Phellandrene	0.46
17.742	1,8-Cineole	0.04
17.962	cis-beta-Ocimene	0.44
18.641	trans-beta-Ocimene	0.24
18.822	Thujol isomer	0.07
19.420	gamma-Terpinene	0.86
20.185	trans-Sabinene hydrate	0.06
21.201	Terpinolene	0.28
22.161	Linalool	0.09
22.235	cis-Sabinene hydrate	0.04
22.619	alpha-Thujone	0.02
23.041	Unidentified	0.03
23.385	beta-Thujone	0.27
23.827	cis-para-Menth-2-en-1-ol	0.03
24.093	allo-Ocimene	0.02
24.869	trans-Sabinol	0.05
26.353	Unidentified	0.02
26.437	para-Mentha-1,5-dien-8-ol	0.03
26.898	Unidentified	0.09
27.695	Terpinen-4-ol	0.72
28.101	para-Cymen-8-ol	0.02
28.691	alpha-Terpineol	0.06
28.893	Estragole	1.90
32.442	Linalyl acetate	0.04
38.885	alpha-Terpinyl acetate	0.05
40.805	alpha-Copaene	0.12
41.319	beta-Bourbonene	0.60
41.505	alpha-Bourbonene	0.05
42.343	Methyleugenol	0.20
43.511	beta-Ylangene	0.05
44.235	beta-Copaene	0.06
44.473	trans-alpha-Bergamotene	0.05
45.153	Unidentified	0.04
46.631	Unidentified	0.03
47.051	trans-Cadina-1(6),4-diene	0.03
47.422	Germacrene D	0.17
47.541	gamma-Himachelene	0.14
49.702	delta-Cadinene	0.02
50.333	Unidentified	0.18
65.197	Phellandrene dimer	0.06
82.208	Serratol	0.08
		100.00