

Sample Information

Analyzed by : Dr. Robert S. Pappas
 Analyzed : 1/29/2019 7:13:40 PM
 Sample Type : Essential Oil
 Sample Name : Elemi - Revive EO
 Sample ID : E0C0114C
 Injection Volume : 0.10
 Instrument ID: : GC-4

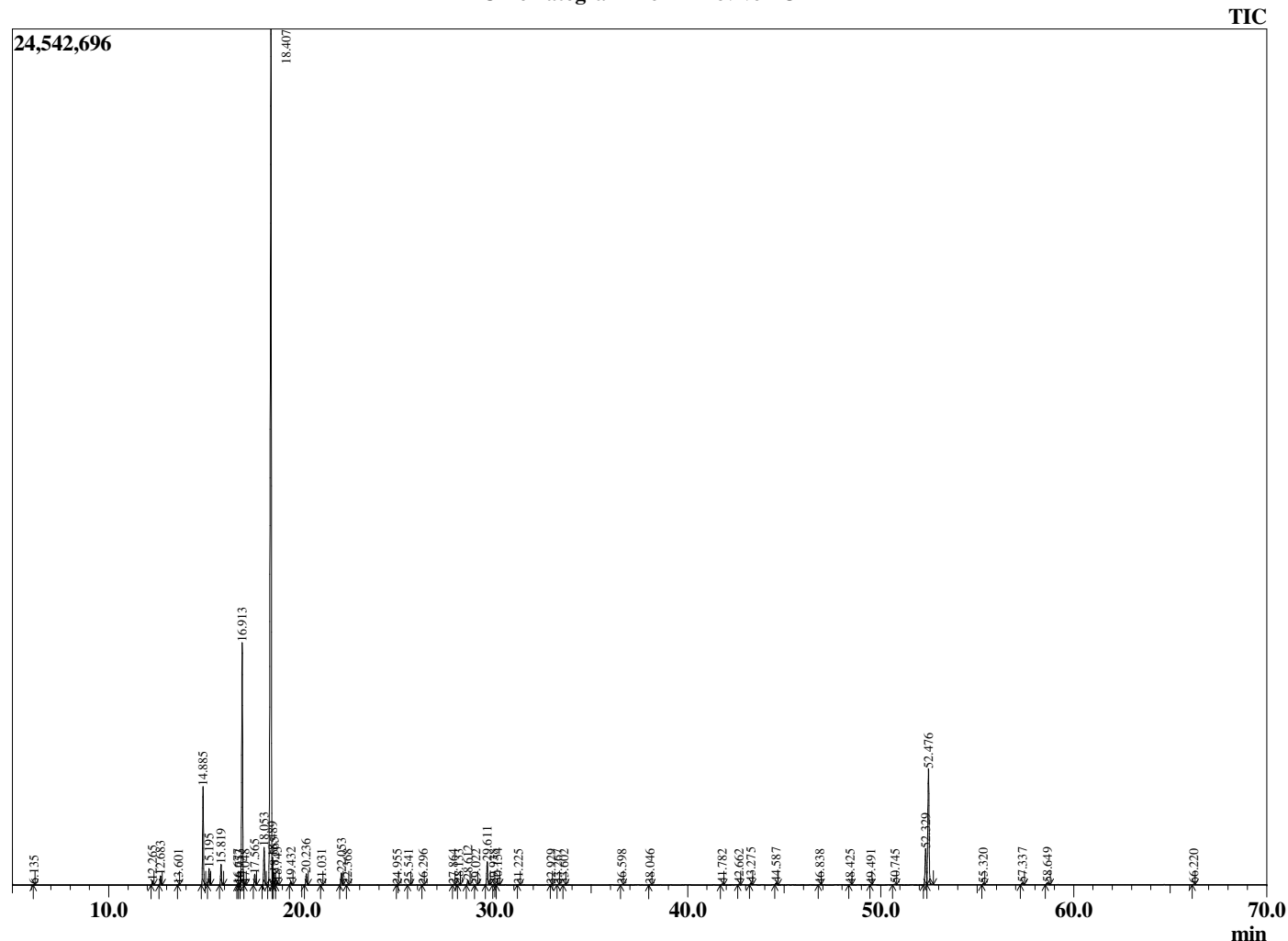
This report is valid for 1 year from the analyzed date.



Peak Report TIC

R.Time	Name	Area%
6.135	Toluene	0.01
12.265	alpha-Thujene	0.21
12.683	alpha-Pinene	0.44
13.601	Camphene	0.01
14.885	Sabinene	5.10
15.195	beta-Pinene	0.86
15.819	Myrcene	1.09
16.677	Octanal	0.01
16.753	Pseudolimonene	0.03
16.913	alpha-Phellandrene	13.54
17.048	delta-3-Carene	0.05
17.565	alpha-Terpinene	0.60
18.053	para-Cymene	2.21
18.407	Limonene	58.16
18.489	beta-Phellandrene	1.22
18.565	1,8-Cineole	0.62
18.743	cis-beta-Ocimene	0.16
19.432	trans-beta-Ocimene	0.17
20.236	gamma-Terpinene	0.63
21.031	trans-Sabinene hydrate	0.02
22.053	Terpinolene	0.71
22.368	para-Cymenene	0.02
24.955	allo-Ocimene	0.01
25.541	Unidentified	0.02
26.296	Camphor	0.01
27.864	Unidentified	0.03
28.133	Unidentified	0.04
28.612	Terpinen-4-ol	0.30
29.022	para-Cymen-8-ol	0.04
29.611	alpha-Terpineol	1.49
29.938	Unidentified	0.01
30.154	alpha-Phellandrene epoxide	0.08
31.225	trans-Carveol	0.02
32.929	Carvone	0.01
33.267	Unidentified	0.02
33.602	Piperitone	0.02
36.598	Carvacrol	0.03
38.046	Unidentified	0.03
41.782	alpha-Copaene	0.05
42.662	beta-Elementene	0.05
43.275	Methyleugenol	0.12
44.587	beta-Caryophyllene	0.13
46.838	alpha-Humulene	0.04
48.425	Germacrene D	0.03
49.491	alpha-Murolene	0.01
50.745	Unidentified	0.07
52.329	Elemicin	2.46
52.476	Elemol	8.53
55.320	Guaiol	0.07
57.337	gamma-Eudesmol	0.14
58.649	alpha-Eudesmol	0.20
66.220	Phellandrene dimer	0.04
		100.00

Chromatogram Elemi - Revive EO



Comments:

The analysis of this Elemi batch sample meets the expected chemical profile for authentic essential oil of *Canarium luzonicum*. No contamination or adulteration was detected.