

Eucalyptus Essential Oil

Lot Number: 1622110

Date Filled: 08/08/16

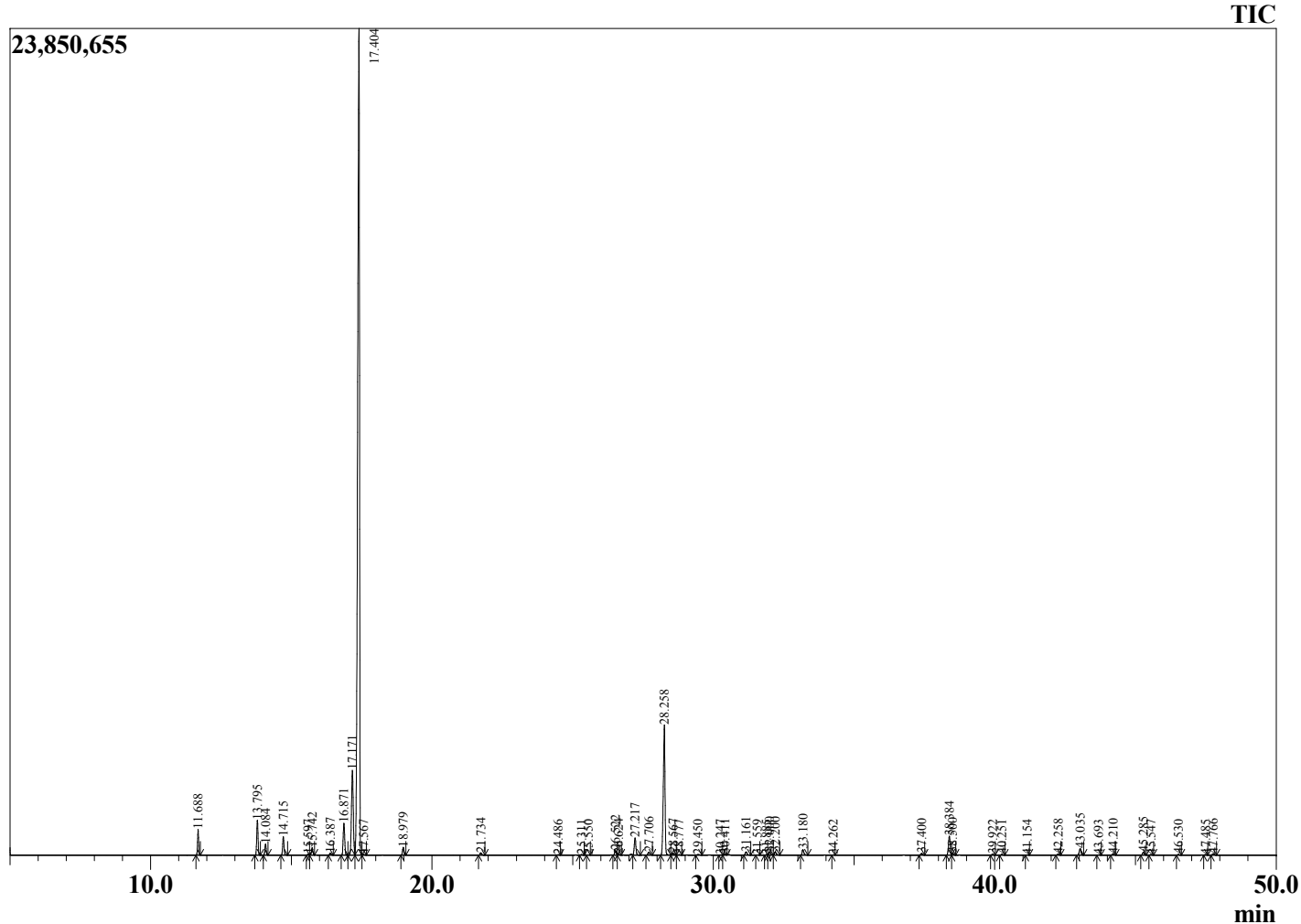
Analyst: AC



Peak Report

Ret. Time	Compound Name	Area %
11.688	alpha-Pinene	1.34
13.795	Sabinene	1.96
14.084	beta-Pinene	0.62
14.715	Myrcene	1.09
15.597	Pseudolimonene	0.06
15.742	alpha-Phellandrene	0.48
16.387	alpha-Terpinene	0.13
16.871	para-Cymene	2.13
17.171	Limonene	6.71
17.404	1,8-Cineole	67.85
17.567	cis-beta-Ocimene	0.05
18.979	gamma-Terpinene	0.51
21.734	Linalool	0.16
24.486	trans-Pinocarveol	0.03
25.311	Citronellal	0.05
25.550	Isopulegol	0.03
26.522	delta-Terpineol	0.34
26.624	Borneol	0.11
27.217	Terpinen-4-ol	1.28
27.706	trans-para-Mentha-1(7),8-dien-2-ol	0.23
28.258	alpha-Terpineol	10.07
28.567	gamma-Terpineol	0.14
28.777	Phellandrene epoxide <alpha> isomer 1	0.03
29.450	Phellandrene epoxide <alpha> isomer 2	0.07
30.247	Nerol	0.02
30.411	Citronellol	0.08
31.161	Neral	0.25
31.559	Carvone	0.02
31.885	Carvotanacetone	0.04
32.000	Geraniol	0.26
32.200	Piperitone	0.24
33.180	Geranial	0.43
34.262	Bornyl acetate	0.02
37.400	delta-Elementene	0.13
38.384	alpha-Terpinyl acetate	1.43
38.500	alpha-Terpinyl acetate isomer	0.14
39.922	Isodene	0.07
40.251	alpha-Copaene	0.07
41.154	beta-Elementene	0.02
42.258	alpha-Gurjunene	0.10
43.035	beta-Caryophyllene	0.53
43.693	Eucalyptus sesquiterpenoid	0.03
44.210	Aromadendrene	0.12
45.285	alpha-Humulene	0.23
45.547	Alloaromadendrene	0.05
46.530	beta-Acoradiene	0.06
47.485	Viridiflorene (Ledene)	0.04
47.766	Bicyclogermacrene	0.12
		100.00

Chromatogram



Comments: The analysis of this Eucalyptus batch sample meets the expected chemical profile for authentic essential oil of Eucalyptus radiata. No contamination or adulteration was detected.

Approved:

Dr. Robert S. Pappas

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