

Sample Information

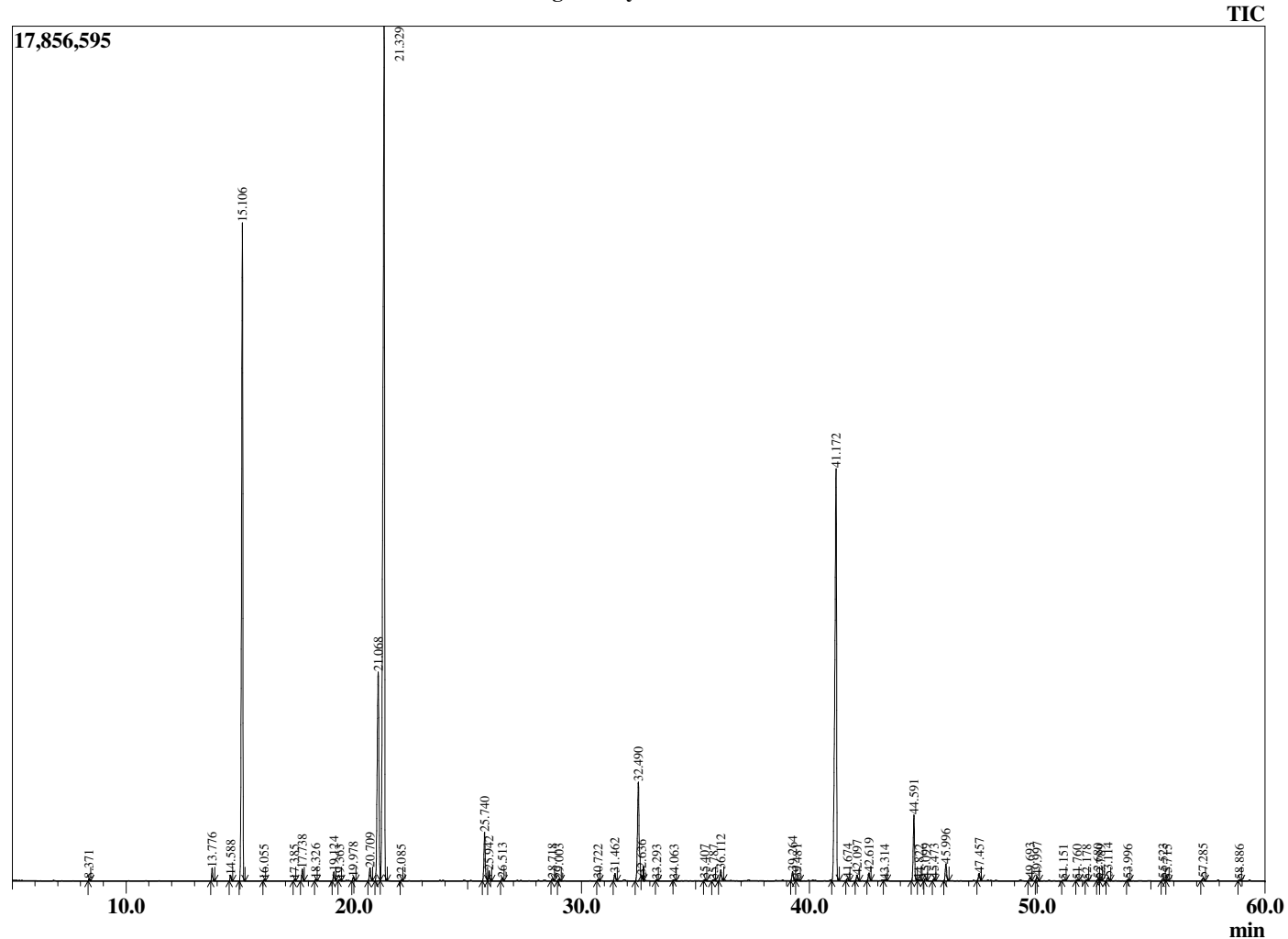
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 7/12/2020 1:35:44 PM
 Sample Type : Essential Oil
 Sample Name : Myrtle - Edens Garden
 Sample ID : BA18FAL
 Injection Volume : 0.10
 Instrument ID : GC-2



Peak Report TIC

R.Time	Name	Area%
8.371	Acetylbutyryl	0.05
13.776	Isobutyl isobutyrate	0.34
14.588	alpha-Thujene	0.16
15.106	alpha-Pinene	21.47
16.055	Camphene	0.03
17.385	Sabinene	0.02
17.738	beta-Pinene	0.35
18.326	Myrcene	0.05
19.124	Isobutyl 2-methylbutyrate	0.26
19.363	Unidentified	0.03
19.978	2-Methylbutyl isobutyrate	0.12
20.709	para-Cymene	0.45
21.068	Limonene	9.23
21.329	1,8-cineole	36.18
22.085	trans-beta-Ocimene	0.02
25.740	Linalool	1.68
25.942	2-Methylbutyl-2-methylbutyrate	0.32
26.513	Unidentified	0.10
28.718	trans-Pinocarveol	0.07
29.003	trans-Verbenol	0.07
30.722	delta-Terpineol	0.04
31.462	Terpinen-4-ol	0.25
32.490	alpha-Terpineol	4.54
32.636	Estragole	0.03
33.293	Verbenone	0.04
34.063	trans-Carveol	0.03
35.407	Unidentified	0.03
35.787	Carvone	0.04
36.112	Geraniol	0.41
39.264	Unidentified	0.34
39.481	Unidentified	0.06
41.172	Myrtenyl acetate	18.30
41.674	Unidentified	0.07
42.097	Unidentified	0.20
42.619	alpha-Terpinyl acetate	0.26
43.314	Neryl acetate	0.05
44.591	Geranyl acetate	2.32
44.822	Unidentified	0.04
45.099	Unidentified	0.08
45.473	beta-Elementene	0.08
45.996	Methyleugenol	0.61
47.457	beta-Caryophyllene	0.27
49.693	alpha-Humulene	0.11
49.997	Unidentified	0.15
51.151	Unidentified	0.04
51.760	beta-Selinene	0.03
52.178	alpha-Selinene	0.03
52.680	Geranyl isobutyrate	0.07
52.789	beta-Bisabolene	0.03
53.114	Unidentified	0.13
53.996	Unidentified	0.04
55.523	Unidentified	0.08
55.715	Unidentified	0.03
57.285	Caryophyllene oxide	0.11
58.886	Humulene epoxide II	0.03
		100.00

Chromatogram Myrtle - Edens Garden



Comments:

The analysis of this Myrtle batch sample meets the expected chemical profile for authentic essential oil of *Myrtus communis*. 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.