

Sample Information

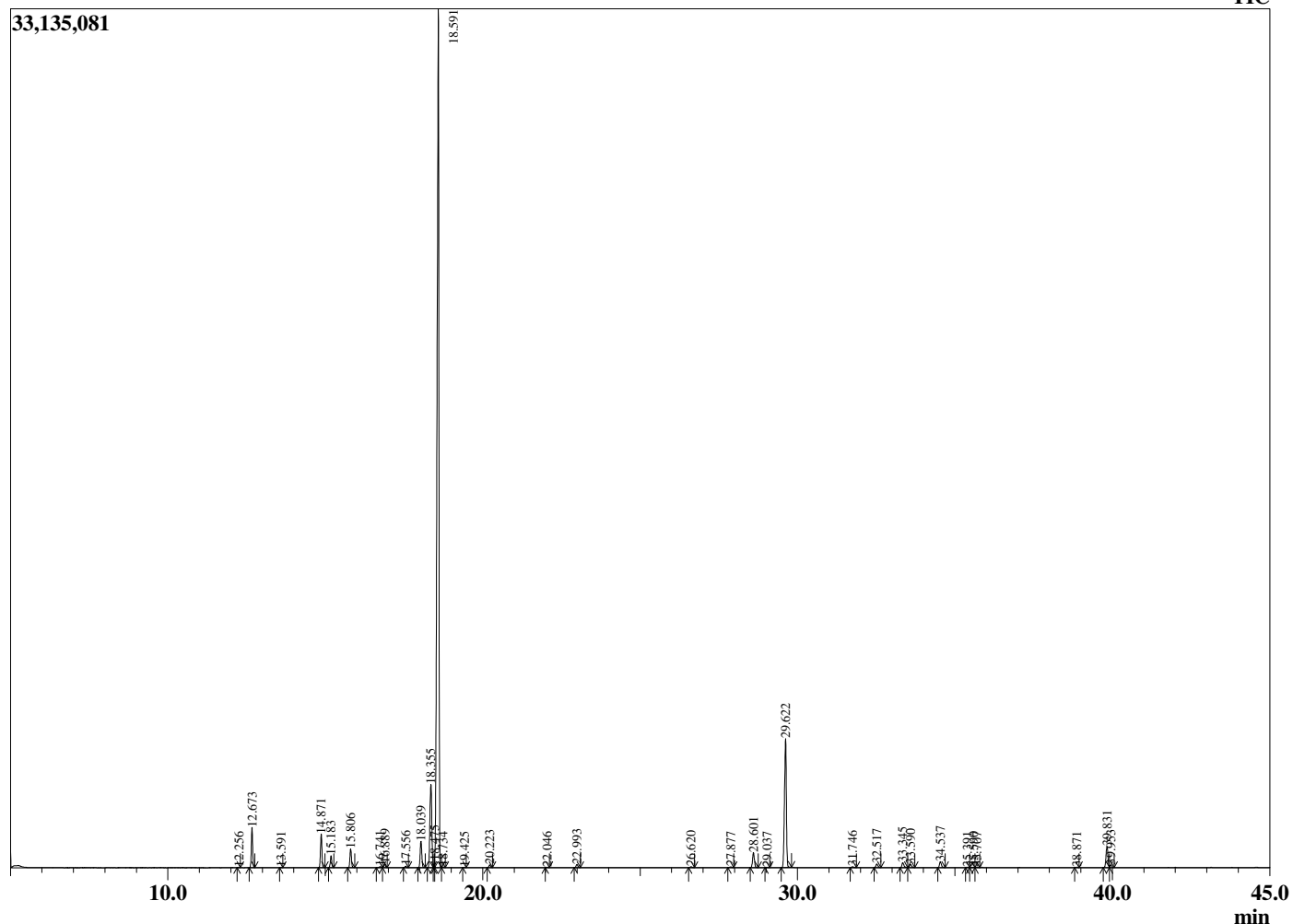
Analyzed by : Dr. Robert S. Pappas  
 Analyzed : 11/27/2018 2:16:23 PM  
 Sample Type : Essential Oil  
 Sample Name : Eucalyptus radiata, Australia  
 Sample ID : Barefut-0107  
 Injection Volume : 0.10  
 Instrument ID : GC-3



Peak Report TIC

R.Time	Name	Area%
12.256	alpha-Thujene	0.01
12.673	alpha-Pinene	2.29
13.591	Camphene	0.02
14.871	Sabinene	2.08
15.183	beta-Pinene	0.73
15.806	Myrcene	1.20
16.741	Pseudolimonene	0.08
16.889	alpha-Phellandrene	0.23
17.556	alpha-Terpinene	0.10
18.039	para-Cymene	1.81
18.355	Limonene	6.86
18.475	beta-Phellandrene	0.16
18.591	1,8-Cineole	68.74
18.734	cis-beta-Ocimene	0.04
19.425	trans-beta-Ocimene	0.01
20.223	gamma-Terpinene	0.20
22.046	Terpinolene	0.02
22.993	Linalool	0.22
26.620	Citronellal	0.06
27.877	delta-Terpineol	0.05
28.601	Terpinen-4-ol	1.17
29.037	para-Cymen-8-ol	0.01
29.622	alpha-Terpineol	10.46
31.746	Citronellol	0.06
32.517	Neral	0.29
33.345	Geraniol	0.41
33.590	Piperitone	0.25
34.537	Geranial	0.46
35.391	Unidentified	0.02
35.590	beta-Terpinyl acetate	0.01
35.707	Bornyl acetate	0.03
38.871	Unidentified	0.02
39.831	alpha-Terpinyl acetate	1.74
39.953	gamma-Terpinyl acetate	0.17
		100.00

Chromatogram Eucalyptus radiata, Australia



Comments:

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