

Sample Information

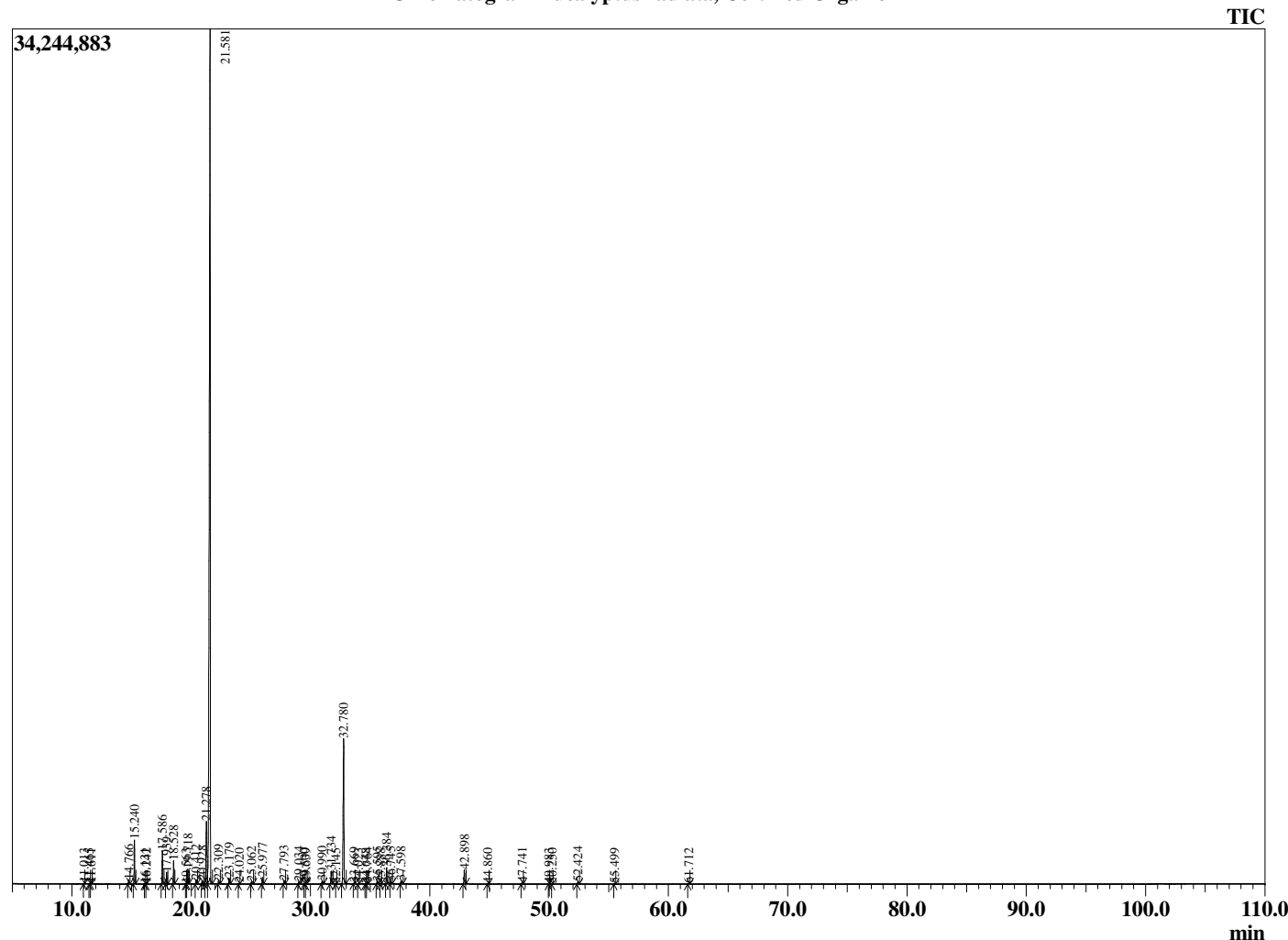
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 12/11/2018 7:01:55 PM
 Sample Type : Essential Oil
 Sample Name : Eucalyptus radiata, Certified Organic
 Sample ID : B0129E
 Injection Volume : 0.10
 Instrument ID: : GC-2



Peak Report TIC

R.Time	Name	Area%
11.013	cis-3-Hexenol	0.03
11.465	trans-2-Hexenol	0.01
11.611	Hexanol	0.02
14.766	alpha-Thujene	0.19
15.240	alpha-Pinene	2.03
16.131	alpha-Fenchene	0.01
16.242	Camphene	0.01
17.586	Sabinene	1.65
17.939	beta-Pinene	0.57
18.528	Myrcene	1.16
19.563	Pseudolimonene	0.01
19.718	alpha-Phellandrene	0.75
20.412	alpha-Terpinene	0.23
20.928	para-Cymene	0.20
21.278	Limonene	5.47
21.581	1,8-Cineole	72.33
22.309	E-beta-Ocimene	0.22
23.179	gamma-Terpinene	0.32
24.020	cis-Linalool oxide (furanoid)	0.04
25.062	Terpinolene	0.16
25.977	Linalool	0.35
27.793	cis-p-Menth-2-en-1-ol	0.19
29.034	trans-p-Menth-2-en-1-ol	0.13
29.500	Isopulegol	0.01
29.639	Citronellal	0.04
30.990	Terpineol isomer	0.18
31.734	Terpinen-4-ol	0.75
32.145	Cryptone	0.01
32.780	alpha-Terpineol	10.17
33.669	cis-Piperitol	0.07
34.023	Unidentified	0.02
34.648	Nerol	0.03
34.764	Citronellol	0.07
35.595	Neral	0.13
35.888	Benzyl acetone	0.01
36.384	Geraniol	0.94
36.745	Piperitone	0.12
37.598	Geranial	0.18
42.898	alpha-Terpinyl acetate	0.86
44.860	Geranyl acetate	0.02
47.741	beta-Caryophyllene	0.09
49.983	alpha-Humulene	0.01
50.250	Alloaromadendrene	0.01
52.424	Bicyclogermacrene	0.14
55.499	alpha-Elemol	0.04
61.712	alpha-Eudesmol	0.03
		100.00

Chromatogram Eucalyptus radiata, Certified Organic



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. The results provided in this GCMS quality analysis reflect the chemical composition of the oil and lot referenced above on the date of analysis.