

Sample Information

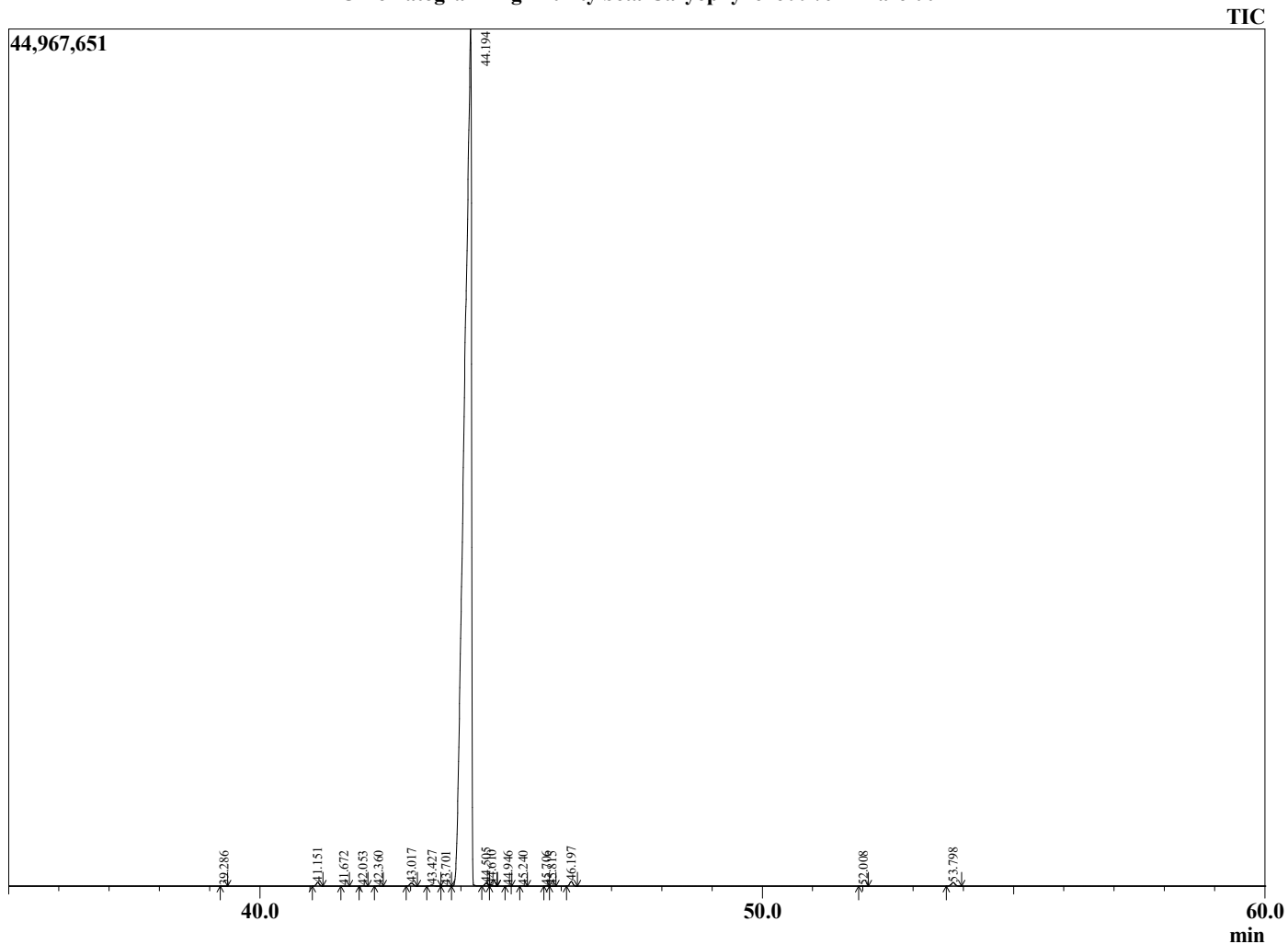
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 10/6/2021 4:31:55 AM
 Sample Type : Essential Oil
 Sample Name : High Purity beta-Caryophyllene 99%+ - Barefut
 Sample ID : 0106
 Injection Volume : 0.10
 Instrument ID: : GC-4



Peak Report TIC

R.Time	Name	Area%
39.286	alpha-Cubebene	0.01
41.151	alpha-Copaene	0.18
41.672	beta-Bourbonene	0.01
42.053	beta-Elemene	0.02
42.360	Unidentified	0.01
43.017	cis-beta-Caryophyllene	0.17
43.427	Unidentified	0.06
43.701	Unidentified	0.03
44.194	trans-beta-Caryophyllene	98.81
44.505	Unidentified	0.15
44.610	beta-Copaene	0.05
44.946	alpha-Guaiene	0.01
45.240	Unidentified	0.01
45.706	Geranyl acetone	0.01
45.815	Unidentified	0.01
46.197	alpha-Humulene	0.24
52.008	Unidentified	0.01
53.798	Caryophyllene oxide	0.23
		100.00

Chromatogram High Purity beta-Caryophyllene 99%+ - Barefut



Comments:

The analysis of this beta-Caryophyllene batch sample meets the expected chemical profile for Caryophyllene ex. *Eugenia caryophyllata*. No contamination or adulteration was detected. The results provided in this GCMS quality analysis reflect the chemical composition of the aroma chemical and lot referenced above on the date of analysis.