

Sample Information

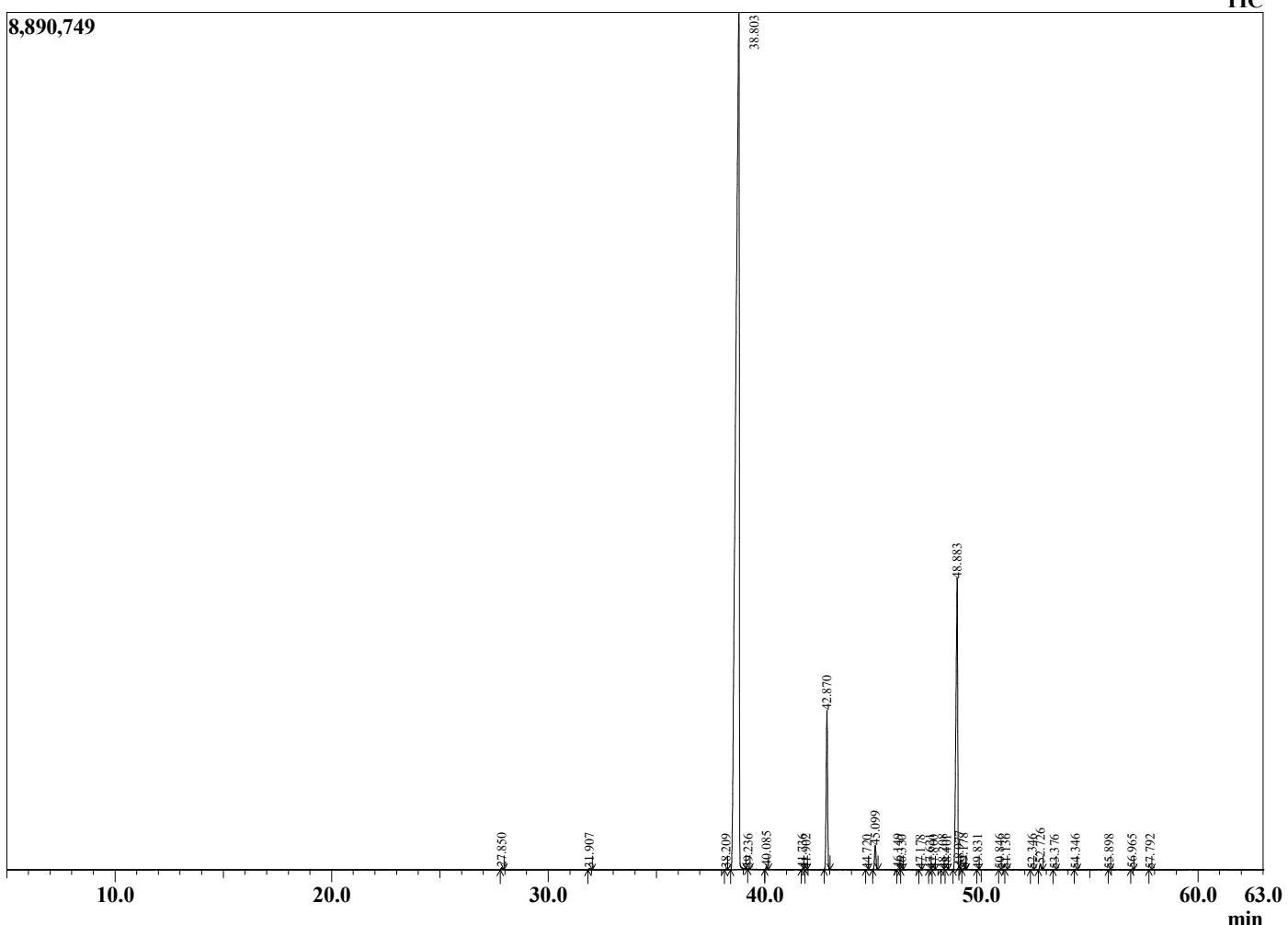
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 6/19/2023 7:46:51 AM
 Sample Type : Essential Oil
 Sample Name : Clove Bud Oil, Madagascar - Revive
 Sample ID : 7M
 Injection Volume : 0.10
 Instrument ID: : GC-2



Peak Report TIC

R.Time	Name	Area%
27.850	Methyl salicylate	0.07
31.907	Chavicol	0.06
38.209	alpha-Cubebene	0.03
38.803	Eugenol	78.92
39.236	4-Propyl guaiacol	0.01
40.085	alpha-Copaene	0.11
41.736	Methyleugenol	0.02
41.902	Unidentified	0.01
42.870	beta-Caryophyllene	5.91
44.720	Unidentified	0.01
45.099	alpha-Humulene	0.90
46.149	trans-Cadina-1(6),4-diene	0.02
46.330	Unidentified	0.01
47.178	Unidentified	0.01
47.621	alpha-Selinene	0.01
47.800	Unidentified	0.01
48.208	trans,trans-alpha-Farnesene	0.02
48.401	Bicyclogermacrene	0.01
48.883	Eugenyl acetate	13.46
48.977	delta-Cadinene	0.02
49.178	cis-Calamenene	0.05
49.831	trans-Cadina-1,4-diene	0.01
50.846	Unidentified	0.01
51.136	Unidentified	0.01
52.346	Caryophyllene alcohol	0.02
52.726	Caryophyllene oxide	0.23
53.376	Unidentified	0.01
54.346	Humulene epoxide II	0.02
55.898	Caryophylla-4(12),8(13)-dien-5-alpha-ol	0.01
56.965	Unidentified	0.02
57.792	Unidentified	0.01
		100.00

Chromatogram Clove Bud Oil, Madagascar - Revive



Comments:

The analysis of this Clove Bud batch sample meets the expected chemical profile for authentic essential oil of *Eugenia caryophyllata*. 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.