

Sample Information

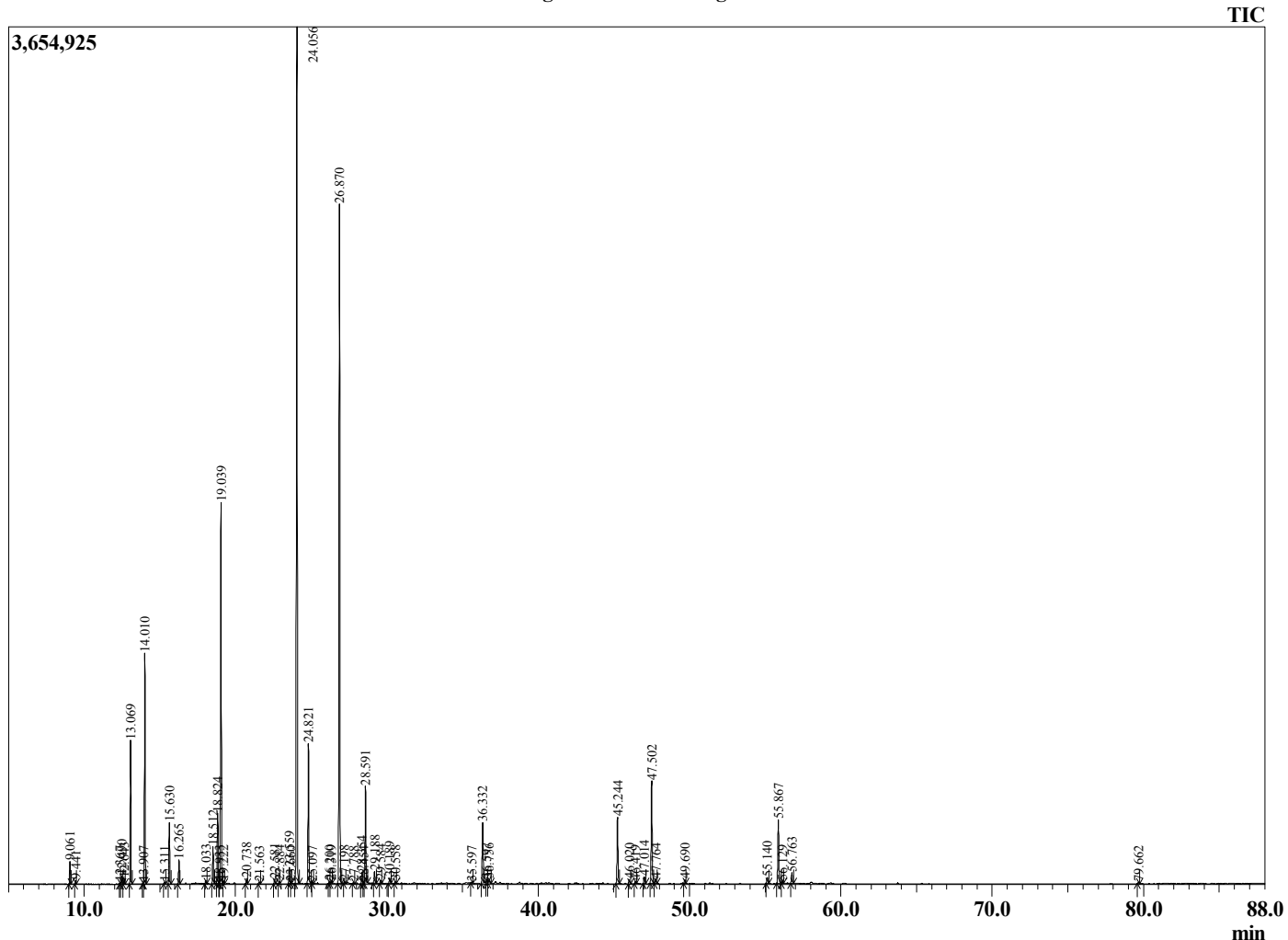
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 11/21/2019 9:36:47 AM
 Sample Type : Essential Oil
 Sample Name : Dalmatian Sage - Barefut
 Sample ID : 0106
 Injection Volume : 0.10
 Instrument ID : GC-3



Peak Report TIC

R.Time	Name	Area%
9.061	cis-Salvene	0.48
9.441	Unidentified	0.08
12.367	Pinene isomer	0.04
12.490	Tricyclene	0.20
12.643	alpha-Thujene	0.14
13.069	alpha-Pinene	3.65
13.907	alpha-Fenchene	0.04
14.010	Camphene	6.07
15.311	Sabinene	0.05
15.630	beta-Pinene	1.65
16.265	Myrcene	0.67
18.033	alpha-Terpinene	0.09
18.512	para-Cymene	1.06
18.824	Limonene	2.01
18.933	beta-Phellandrene	0.05
19.039	1,8-Cineole	11.28
19.222	E-beta-Ocimene	0.08
20.738	gamma-Terpinene	0.17
21.563	trans-Sabinene hydrate	0.07
22.581	Terpinolene	0.12
22.884	Dehydro-p-cymene	0.05
23.559	Linalool	0.52
23.660	cis-Sabinene hydrate	0.04
24.056	alpha-Thujone	27.57
24.821	beta-Thujone	4.44
25.097	Unidentified	0.04
26.200	Unidentified	0.06
26.319	trans-Sabinol	0.05
26.870	Camphor	22.44
27.198	Thujanol isomer	0.06
27.788	trans-Pinocamphone	0.04
28.354	3-Thujanol	0.37
28.454	Unidentified	0.03
28.591	Borneol	3.16
29.188	Terpinen-4-ol	0.39
29.584	p-Cymen-8-ol	0.10
30.189	alpha-Terpneol	0.20
30.558	Unidentified	0.07
35.597	Unidentified	0.04
36.332	Bornyl acetate	2.08
36.597	trans-Sabinyl acetate	0.08
36.756	Unidentified	0.12
45.244	beta-Caryophyllene	2.40
46.020	Unidentified	0.14
46.419	Aromadendrene	0.05
47.014	Unidentified	0.23
47.502	alpha-Humulene	3.79
47.764	Alloaromadendrene	0.13
49.690	Viridiflorene	0.13
55.140	Caryophyllene oxide	0.23
55.867	Viridiflorol	2.44
56.129	Unidentified	0.07
56.763	Humulene epoxide II	0.40
79.662	Manool	0.05
		100.00

Chromatogram Dalmatian Sage - Barefut



Comments:

The analysis of this Dalmatian Sage batch sample meets the expected chemical profile for authentic essential oil of *Salvia officinalis*. 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.