

Sample Information

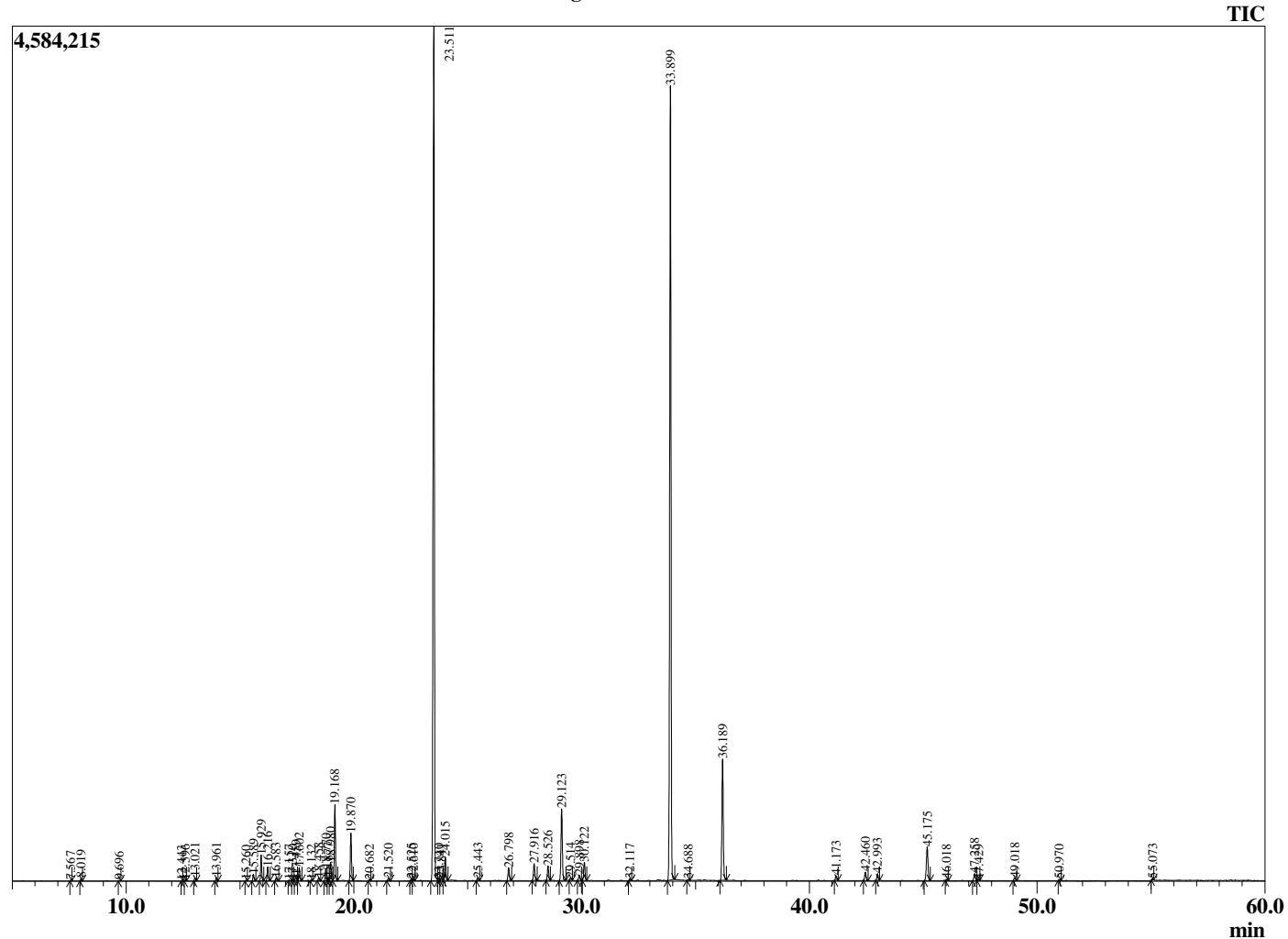
Analyzed by : Dr. Robert S. Pappas  
 Analyzed : 12/12/2019 3:16:37 AM  
 Sample Type : Essential Oil  
 Sample Name : Lavender - Barefut  
 Sample ID : 0104  
 Injection Volume : 0.10  
 Instrument ID: : GC-3



Peak Report TIC

R.Time	Name	Area%
7.567	Butyl acetate	0.02
8.019	Hexyl methyl ether	0.07
9.696	n--Hexanol	0.02
12.443	Tricyclene	0.01
12.596	alpha-Thujene	0.04
13.021	alpha-Pinene	0.12
13.961	Camphene	0.13
15.260	Sabinene	0.02
15.589	1-Octen-3-ol	0.26
15.929	3-Octanone	0.94
16.216	Myrcene	0.54
16.583	Butyl butyrate	0.12
17.157	Pseudolimonene	0.02
17.310	alpha-Phellandrene	0.03
17.459	delta-3-Carene	0.21
17.602	Hexyl acetate	0.51
18.132	ortho-Cymene	0.04
18.458	para-Cymene	0.12
18.770	Limonene	0.46
18.877	beta-Phellandrene	0.13
18.980	1,8-Cineole	0.75
19.168	cis-beta-Ocimene	2.92
19.870	trans-beta-Ocimene	1.87
20.682	gamma-Terpinene	0.04
21.520	cis-Linalool oxide (furanoid)	0.12
22.525	Terpinolene	0.08
22.610	trans-Linalool oxide (furanoid)	0.09
23.511	Linalool	37.92
23.740	Hotrienol	0.08
23.841	Hexyl propionate	0.12
24.015	1-Octen-3-yl acetate	1.01
25.443	allo-Ocimene	0.11
26.798	Camphor	0.60
27.916	Lavandulol	0.77
28.526	Borneol	0.64
29.123	Terpinen-4-ol	3.34
29.514	Cryptone	0.11
29.898	Hexyl butyrate	0.24
30.122	alpha-Terpineol	0.84
32.117	Nerol	0.08
33.899	Linalyl acetate	35.33
34.688	Unidentified	0.04
36.189	Lavandulyl acetate	5.62
41.173	Neryl acetate	0.22
42.460	Geranyl acetate	0.41
42.993	Hexyl hexanoate	0.31
45.175	beta-Caryophyllene	1.86
46.018	trans-alpha-Bergamotene	0.05
47.258	trans-beta-Farnesene	0.37
47.429	alpha-Humulene	0.03
49.018	Germacrene D	0.15
50.970	gamma-Cadinene	0.04
55.073	Caryophyllene oxide	0.05
		100.00

Chromatogram Lavender - Barefut



Comments:

The analysis of this Lavender, French batch sample meets the expected chemical profile for authentic essential oil of *Lavandula angustifolia*. 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.