

Sample Information

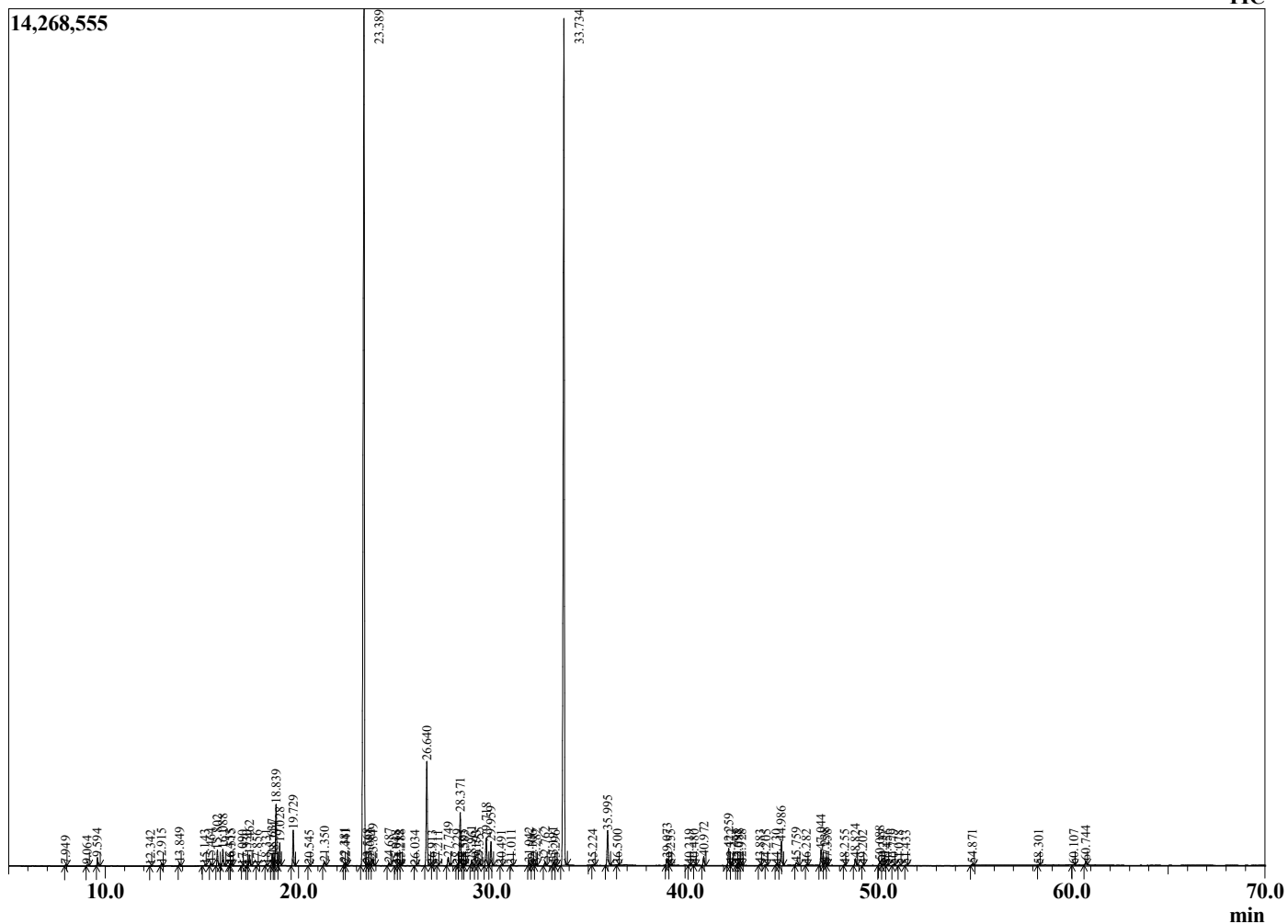
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 12/18/2020 10:00:06 PM
 Sample Type : Essential Oil
 Sample Name : Lavandin Super Esencia 1116
 Sample ID : BRH / 2020 - LH
 Injection Volume : 0.10
 Instrument ID : GC-3



Peak Report TIC

R.Time	Name	Area%
4.029	Unidentified	0.01
4.202	3-Methylbutanal	0.01
7.949	Hexyl methyl ether	0.03
9.064	Hex-3(Z)-enol	0.04
9.594	Hexanol	0.24
12.342	Tricyclene	0.01
12.915	alpha-Pinene	0.08
13.849	Camphene	0.10
15.143	Sabinene	0.03
15.464	beta-Pinene	0.10
15.802	3-Octanone	0.53
16.088	Myrcene	0.59
16.455	Butyl butyrate	0.02
16.515	3-Octanol	0.07
17.090	Unidentified	0.01
17.330	delta-3-Carene	0.01
17.462	Hexyl acetate	0.37
17.856	alpha-Terpinene	0.01
18.331	para-Cymene	0.04
18.637	Limonene	0.41
18.744	beta-Phellandrene	0.27
18.839	1,8-Cineole	2.16
19.028	cis-beta-Ocimene	0.78
19.729	trans-beta-Ocimene	1.28
20.545	gamma-Terpinene	0.02
21.350	cis-Linalool oxide (furanoid)	0.20
22.381	Terpinolene	0.12
22.441	trans-Linalool oxide (furanoid)	0.07
23.389	Linalool	38.18
23.568	Hotrienol	0.08
23.681	Hexyl propionate	0.11
23.849	1-Octen-3-yl acetate	0.25
24.687	3-Octyl acetate	0.10
25.048	cis-para-Menth-2-en-1-ol	0.02
25.212	alpha-Campholenal	0.02
25.288	allo-Ocimene	0.02
26.034	Unidentified	0.01
26.640	Camphor	4.08
26.913	Unidentified	0.01
27.211	trans-beta-Terpineol	0.01
27.749	Lavandulol	0.34
28.229	delta-Terpineol	0.03
28.371	Borneol	2.12
28.505	cis-Linalool oxide (pyranoid)	0.02
28.583	Unidentified	0.01
28.961	Terpinen-4-ol	0.19
29.193	Unidentified	0.02
29.355	Cryptone	0.12
29.718	Hexyl butyrate	1.12
29.959	alpha-Terpineol	0.95
30.491	Unidentified	0.02
31.011	Octyl acetate	0.04
31.942	Nerol	0.13
32.106	Unidentified	0.01
32.282	Bornyl formate	0.08
32.762	Hexyl 2-methylbutyrate	0.15
33.191	Hexyl 3-methylbutyrate	0.16
33.296	Carvone	0.02
33.734	Linalyl acetate	37.74
35.224	Unidentified	0.02
35.995	Lavandulyl acetate	1.45
36.500	Unidentified	0.01

Chromatogram Lavandin Super-ESENCIA 1116



Comments: The sample conforms to the expected quality for the authentic essential oil of Lavandin. No contamination or adulteration was detected.

Dr. Robert S. Pappas

R.Time	Name	Area%
39.073	Hexyl tiglate	0.29
39.255	Unidentified	0.02
40.219	Unidentified	0.02
40.480	Eugenol	0.03
40.972	Neryl acetate	0.37
42.259	Geranyl acetate	0.72
42.372	Daucene	0.04
42.695	beta-Bourbonene	0.03
42.788	Hexyl hexanoate	0.07
42.928	7-epi-Sesquithujene	0.06
43.883	Sesquithujene isomer	0.05
44.205	alpha-Gurjunene	0.01
44.730	Unidentified	0.02
44.986	beta-Caryophyllene	1.08
45.759	Coumarin	0.16
46.282	cis-beta-Farnesene	0.03
47.044	trans-beta-Farnesene	0.67
47.238	alpha-Humulene	0.13
47.358	Lavandulyl acetate	0.02
48.255	10-beta-H-Cadina-1(6),4-diene	0.02
48.824	Germacrene D	0.29
49.202	Unidentified	0.01
50.088	Lavandulyl isovalerate	0.22
50.237	(E,E)-alpha-Farnesene	0.06
50.456	beta-Bisabolene	0.03
50.779	gamma-Cadinene	0.04
51.078	delta-Cadinene	0.01
51.433	beta-Sesquiphellandrene	0.02
54.871	Caryophyllene oxide	0.07
58.301	tau-Cadinol	0.02
60.107	Unidentified	0.02
60.744	alpha-Bisabolol	0.18
		100.00