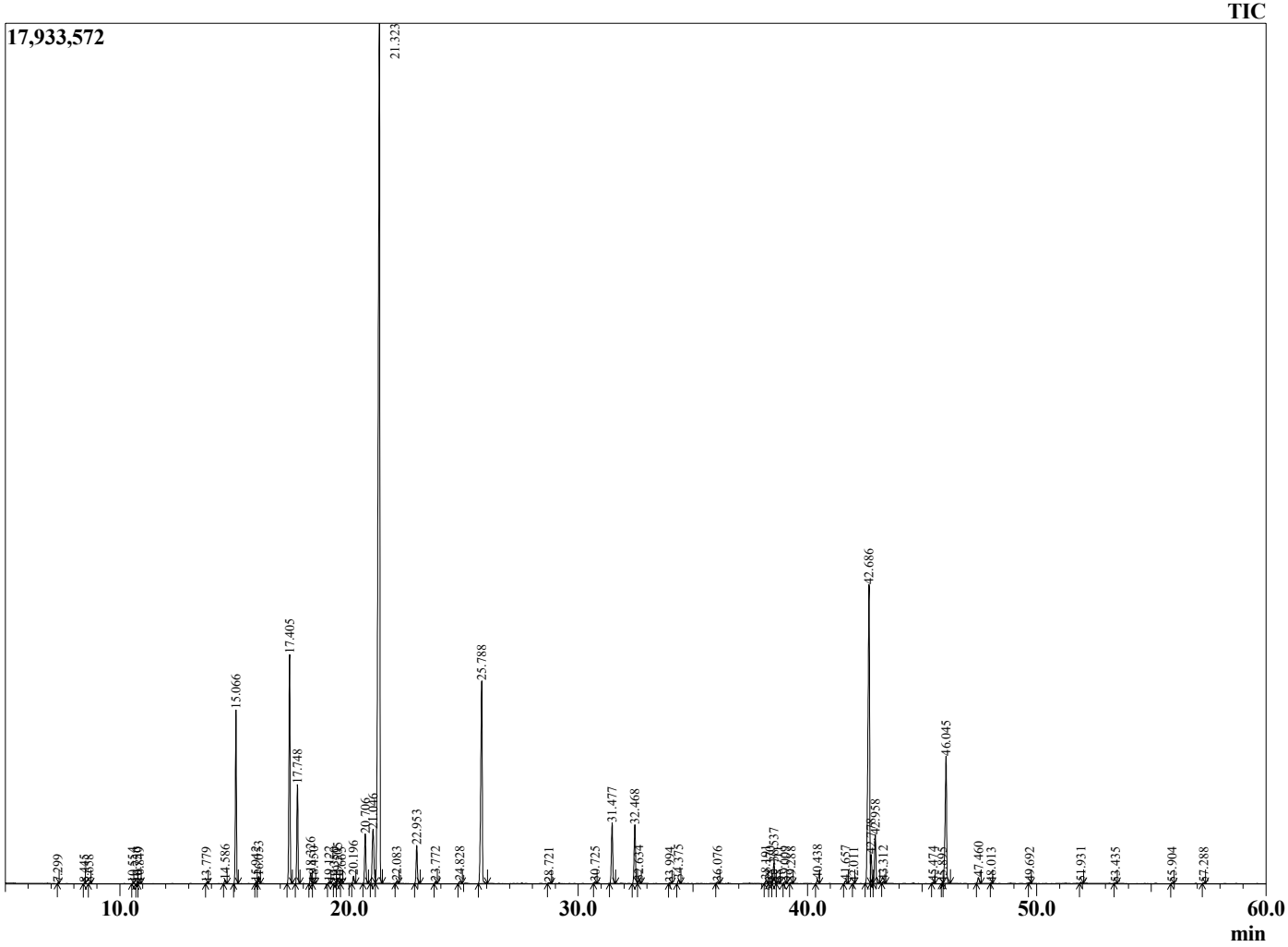
Sample Information

Analyzed by : **Dr. Robert S. Pappas**
Analyzed : **7/11/2020 11:44:13 PM**
Sample Type : **Essential Oil**
Sample Name : **Laurel Leaf -** BIOAROMA
Sample ID : **BA18FZ**
Injection Volume : **0.10**
Instrument ID: : **GC-3**

Chromatogram Laurel Leaf - BIOAROMA



Comments:

The analysis of this Laurel Leaf batch sample meets the expected chemical profile for authentic essential oil of *Laurus nobilis*. 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.

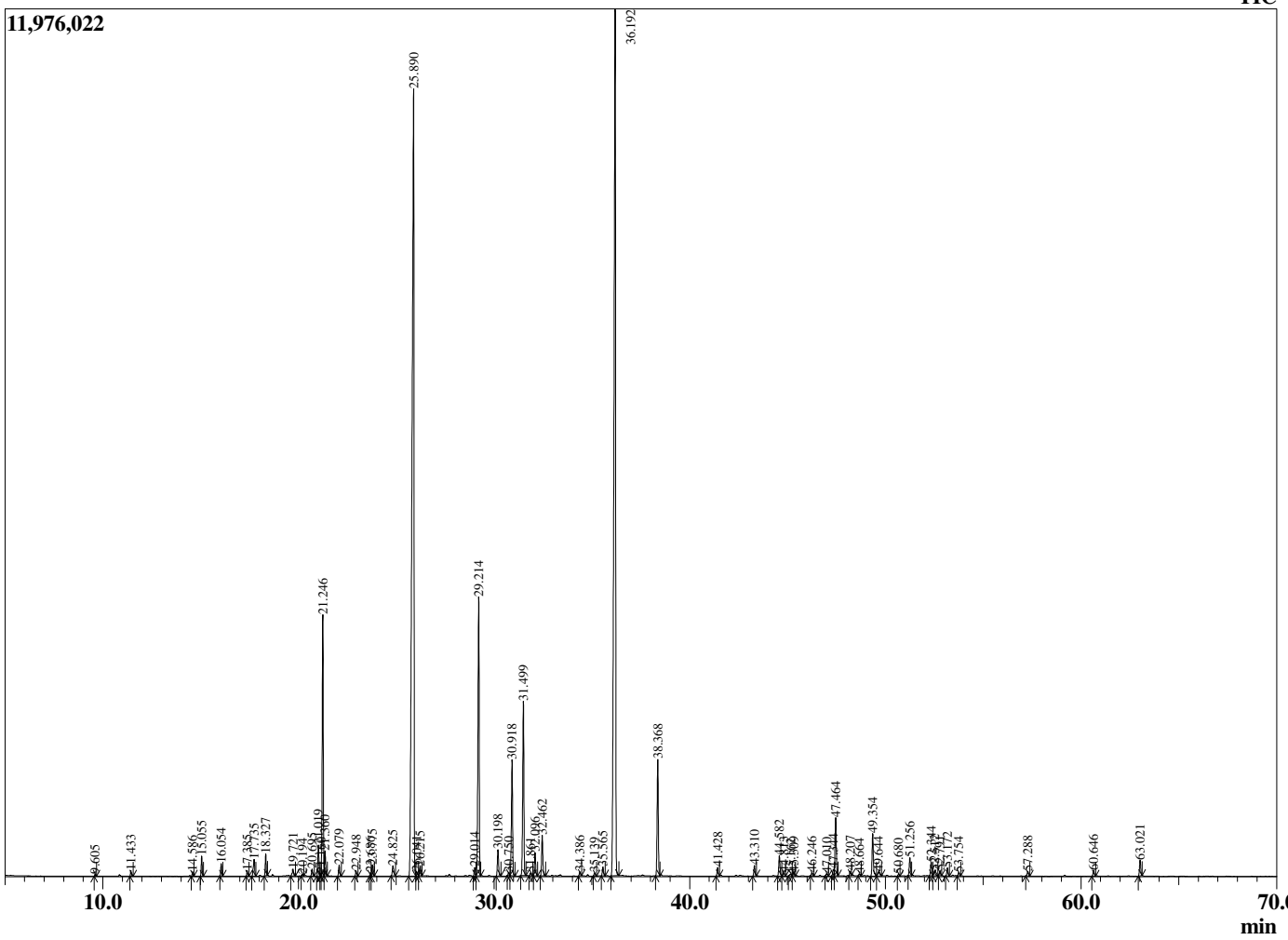
Peak Report TIC

R.Time	Name	Area%
7.299	Ethyl isobutyrate	0.01
8.445	Isopropyl isobutyrate	0.01
8.658	Hexanal	0.01
10.554	Ethyl 2-methylbutyrate	0.01
10.750	Ethyl isovalerate	0.02
10.849	Hex-3(Z)-enol	0.04
13.779	Isobutyl isobutyrate	0.02
14.586	alpha-Thujene	0.11
15.066	alpha-Pinene	5.05
15.942	alpha-Fenchene	0.04
16.053	Camphene	0.21
17.405	Sabinene	7.34
17.748	beta-Pinene	3.11
18.326	Myrcene	0.35
18.450	dehydro-1,8-Cineole	0.05
19.122	Isobutyl 2-methylbutyrate	0.05
19.350	Pseudolimonene	0.01
19.505	alpha-Phellandrene	0.17
19.665	delta-3-Carene	0.01
20.196	alpha-Terpinene	0.25
20.706	para-Cymene	1.79
21.046	Limonene	2.53
21.323	1,8-Cineole	40.30
22.083	trans-beta-Ocimene	0.08
22.953	gamma-Terpinene	1.30
23.772	trans-Sabinene hydrate	0.06
24.828	Terpinolene	0.10
25.788	Linalool	8.47
28.721	trans-Pinocarveol	0.04
30.725	delta-Terpineol	0.05
31.477	Terpinen-4-ol	2.22
32.468	alpha-Terpineol	2.28
32.634	Estragole	0.11
33.994	alpha-Fenchyl acetate	0.03
34.375	Nerol	0.13
36.076	Linalyl acetate	0.06
38.191	Terpinyl acetate isomer	0.11
38.370	Unidentified	0.06
38.537	Bornyl acetate	0.77
38.711	Isobornyl acetate	0.06
39.009	2-Undecanone	0.07
39.288	Unidentifed	0.04
40.438	delta-Terpinyl acetate	0.15
41.657	beta-Terpinyl acetate	0.11
42.011	Unidentified	0.01
42.686	alpha-Terpinyl acetate	13.56
42.778	gamma-Terpinyl acetate	0.90
42.958	Eugenol	1.85
43.312	Neryl acetate	0.07
45.474	beta-Elemene	0.05
45.895	Unidentified	0.02
46.045	Methyleugenol	5.33
47.460	beta-Caryophyllene	0.25
48.013	Unidentified	0.01
49.692	alpha-Humulene	0.04
51.931	cis-Methyl isoeugenol	0.05
53.435	delta-Cadinene	0.03
55.904	Unidentified	0.03
57.288	Caryophyllene oxide	0.03
		100.00

Sample Information

Analyzed by : Dr. Robert S. Pappas
Analyzed : 7/12/2020 7:32:08 PM
Sample Type : Essential Oil
Sample Name : Lavandin -BIOAROMA
Sample ID : BA18FAA
Injection Volume : 0.10
Instrument ID: : GC-2

Chromatogram Lavandin - BIOAROMA



Comments:
The analysis of this Lavandin grosso batch sample meets the expected chemical profile for authentic essential oil of *Lavandula hybrida.* 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.

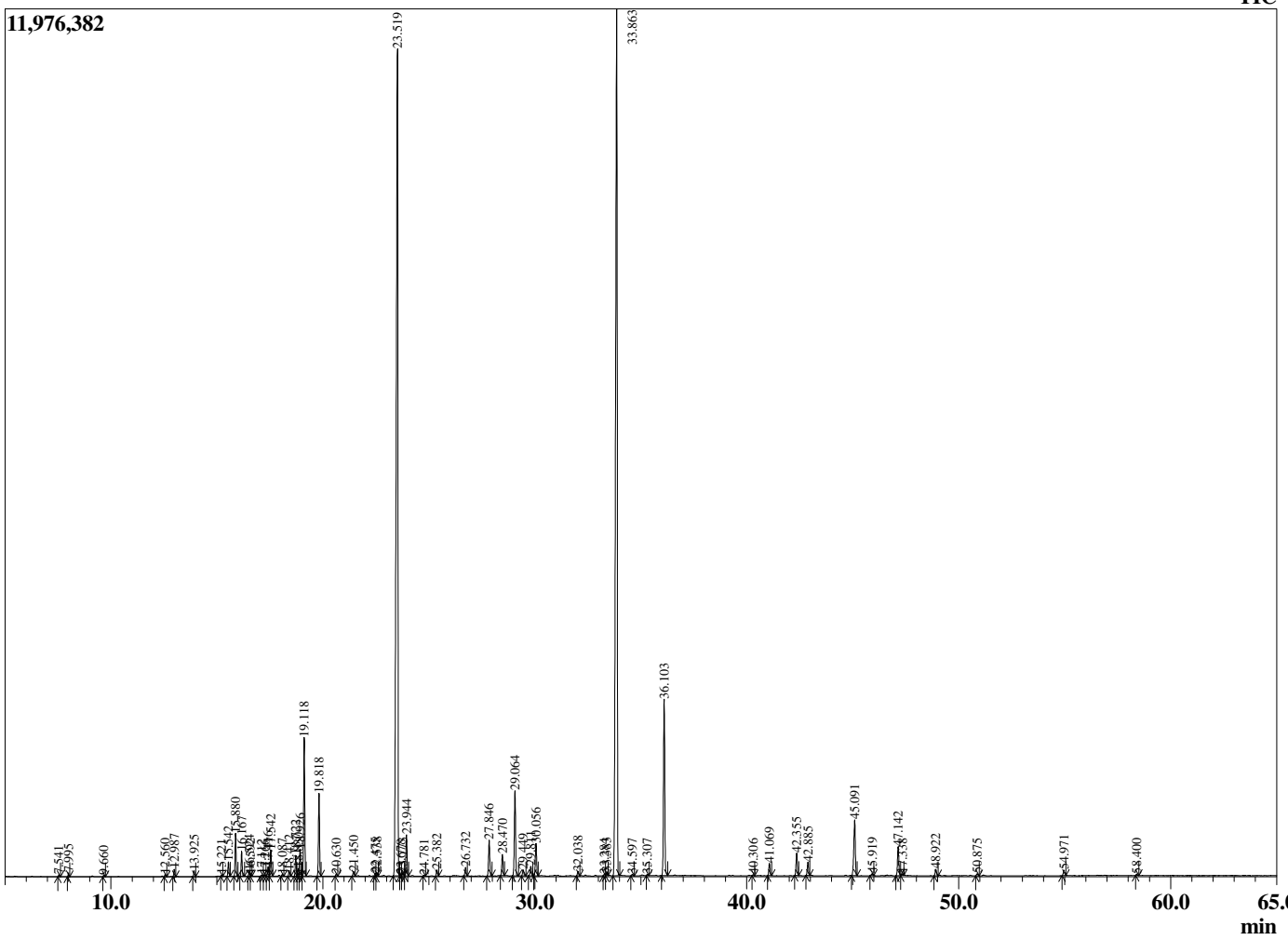
Peak Report TIC

R.Time	Name	Area%
9.605	Hexyl methyl ether	0.03
11.433	Hexanol	0.11
14.586	alpha-Thujene	0.08
15.055	alpha-Pinene	0.38
16.054	Camphene	0.24
17.385	Sabinene	0.10
17.735	beta-Pinene	0.45
18.327	Myrcene	0.44
19.721	Hexyl acetate	0.19
20.194	alpha-Terpinene	0.04
20.695	para-Cymene	0.16
21.019	Limonene	0.68
21.160	beta-Phellandrene	0.02
21.246	1,8-cineole	5.64
21.360	cis-beta-Ocimene	0.52
22.079	trans-beta-Ocimene	0.24
22.948	gamma-Terpinene	0.12
23.686	1-Octanol	0.07
23.775	cis-Linalool oxide (furanoid)	0.27
24.825	Terpinolene	0.32
25.890	Linalool	32.73
26.041	Hexyl propionate	0.13
26.215	1-Octen-3-yl acetate	0.21
29.014	Hexyl isobutyrate	0.20
29.214	Camphor	7.15
30.198	Lavandulol	0.64
30.750	delta-Terpineol	0.07
30.918	Borneol	2.80
31.499	Terpinen-4-ol	4.20
31.861	para-Cymen-8-ol	0.08
32.096	Hexyl butyrate	0.55
32.462	alpha-Terpineol	0.97
34.386	Nerol	0.10
35.139	Hexyl 2-methylbutyrate	0.08
35.565	Hexyl 3-methylbutyrate	0.23
36.192	Linalyl acetate	30.43
38.368	Lavandulyl acetate	2.79
41.428	Hexyl tiglate	0.20
43.310	Neryl acetate	0.25
44.582	Geranyl acetate	0.51
44.813	Daucene	0.09
45.162	beta-Bourbonene	0.07
45.309	7-epi-Sesquithujene	0.10
46.246	Sesquithujene isomer	0.09
47.010	Unidentified	0.07
47.344	alpha-Santalene	0.16
47.464	beta-Caryophyllene	1.49
48.207	trans-alpha-Bergamotene	0.11
48.664	cis-beta-Farnesene	0.05
49.354	trans-beta-Farnesene	1.10
49.644	Unidentified	0.16
50.680	10-beta-H-Cadina-1(6),4-diene	0.04
51.256	Germacrene D	0.46
52.344	Lavandulyl isovalerate	0.34
52.512	(E,E)-alpha-Farnesene	0.17
52.791	beta-Bisabolene	0.11
53.172	gamma-Cadinene	0.21
53.754	beta-Sesquiphellandrene	0.09
57.288	Caryophyllene oxide	0.13
60.646	tau-Cadinol	0.14
63.021	alpha-Bisabolol	0.39
		100.00

Sample Information

Analyzed by : Dr. Robert S. Pappas
Analyzed : 9/4/2020 7:46:25 PM
Sample Type : Essential Oil
Sample Name : Lavender, Fine -
Sample ID BIOAROMA : BA08GJ
Injection Volume : 0.10
Instrument ID: : GC-3

Chromatogram Lavender, Fine - BIOAROMA



Peak Report TIC

R.Time	Name	Area%
3.773	Unidentified	0.01
7.541	Butyl acetate	0.04
7.995	Hexyl methyl ether	0.07
9.660	Hexanol	0.03
12.560	alpha-Thujene	0.05
12.987	alpha-Pinene	0.17
13.925	Camphene	0.14
15.221	Sabinene	0.02
15.542	1-Octen-3-ol	0.36
15.880	3-Octanone	1.06
16.167	Myrcene	0.63
16.524	Butyl butyrate	0.14
16.592	3-Octanol	0.04
17.112	Pseudolimonene	0.03
17.266	alpha-Phellandrene	0.03
17.416	delta-3-Carene	0.24
17.542	Hexyl acetate	0.67
18.087	ortho-Cymene	0.05
18.412	para-Cymene	0.15
18.722	Limonene	0.55
18.830	beta-Phellandrene	0.21
18.926	1,8-Cineole	0.73
19.118	cis-beta-Ocimene	3.73
19.818	trans-beta-Ocimene	2.24
20.630	gamma-Terpinene	0.06
21.450	cis-Linalool oxide (furanoid)	0.14
22.475	Terpinolene	0.07
22.538	trans-Linalool oxide (furanoid)	0.10
23.519	Linalool	34.89
23.678	Hotrienol	0.04
23.773	Hexyl propionate	0.08
23.944	1-Octen-3-yl acetate	1.18
24.781	3-Octyl acetate	0.03
25.382	allo-Ocimene	0.18
26.732	Camphor	0.24
27.846	Lavandulol	1.09
28.470	Borneol	0.64
29.064	Terpinen-4-ol	2.61
29.449	Cryptone	0.19
29.811	Hexyl butyrate	0.30
30.056	alpha-Terpineol	1.00
32.038	Nerol	0.14
33.284	Cuminal	0.05
33.383	Carvone	0.08
33.863	Linalyl acetate	34.56
34.597	Unidentified	0.04
35.307	Unidentified	0.03
36.103	Lavandulyl acetate	5.69
40.306	alpha-Terpinyl acetate	0.03
41.069	Neryl acetate	0.38
42.355	Geranyl acetate	0.70
42.885	Hexyl hexanoate	0.41
45.091	beta-Caryophyllene	2.08
45.919	trans-alpha-Bergamotene	0.08
47.142	trans-beta-Farnesene	0.95
47.338	alpha-Humulene	0.05
48.922	Germacrene D	0.22
50.875	gamma-Cadinene	0.07
54.971	Caryophyllene oxide	0.19
58.400	tau-Cadinol	0.04
		100.00

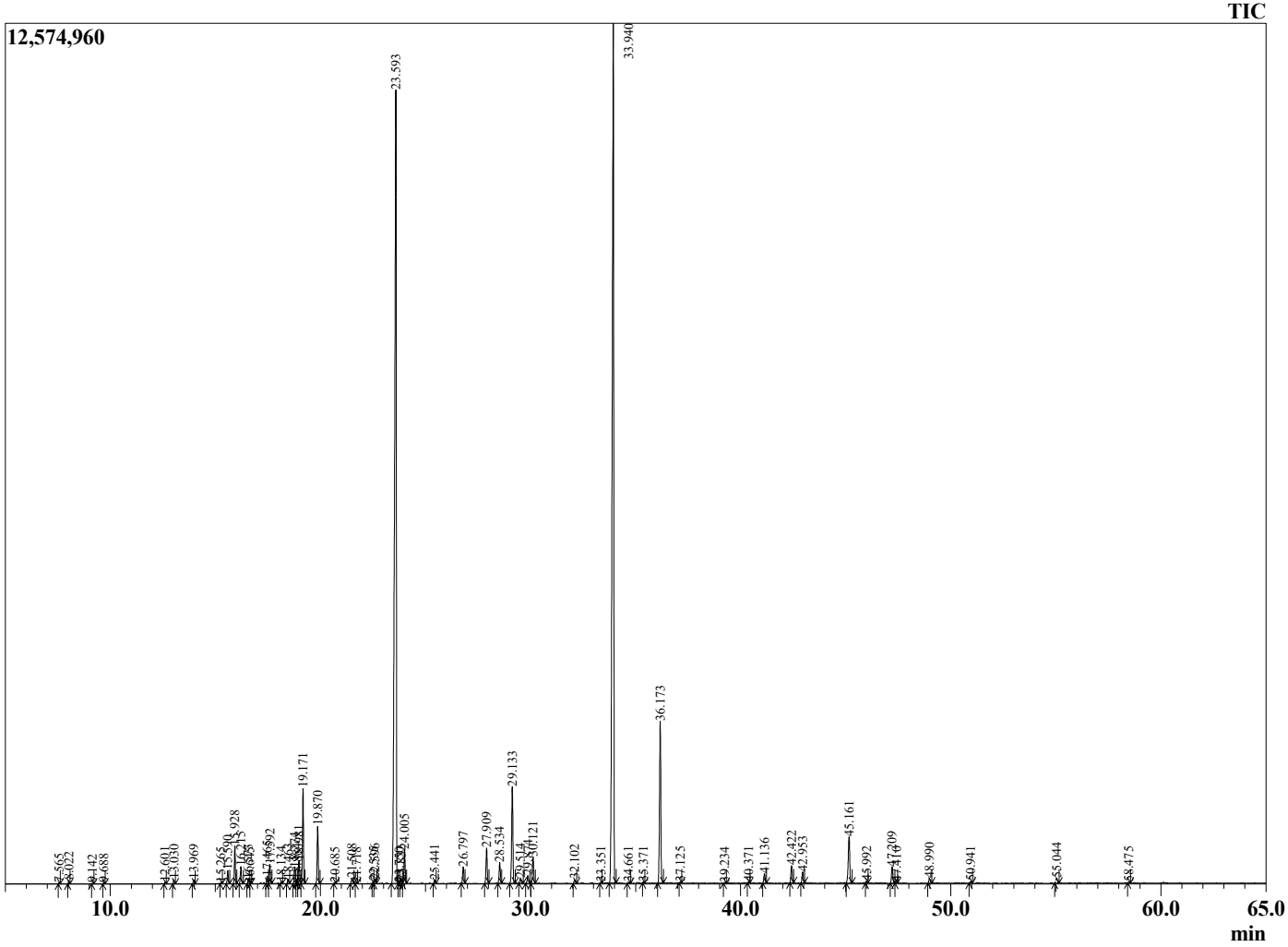
Comments:

The analysis of this Lavender, France 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.

Sample Information

Analyzed by : Dr. Robert S. Pappas
Analyzed : 7/12/2020 7:53:37 PM
Sample Type : Essential Oil
Sample Name : Lavender - Edens Garden
Sample ID : BA18FAB
Injection Volume : 0.10
Instrument ID: : GC-3

Chromatogram Lavender - Edens Garden



Peak Report TIC

R.Time	Name	Area%
3.782	2-methyl-3-Buten-2-ol	0.01
7.565	Butyl acetate	0.03
8.022	1-methoxy-Hexane	0.07
9.142	Hex-3(Z)-enol	0.02
9.688	n-Hexanol	0.03
12.601	aklpha-Thujene	0.04
13.030	alpha-Pinene	0.11
13.969	Camphene	0.12
15.265	Sabinene	0.02
15.590	1-Octen-3-ol	0.35
15.928	3-Octanone	0.99
16.215	Myrcene	0.48
16.573	Butyl butyrate	0.13
16.645	Pseudolimonene	0.02
17.465	delta-3-Carene	0.20
17.592	Hexyl acetate	0.53
18.134	ortho-Cymene	0.04
18.463	para-Cymene	0.12
18.774	Limonene	0.44
18.884	beta-Phellandrene	0.12
18.981	1,8-Cineole	0.66
19.171	cis-beta-Ocimene	2.69
19.870	trans-beta-Ocimene	1.64
20.685	gamma-Terpinene	0.03
21.508	trans-Linalool oxide (furanoid)	0.16
21.718	Unidenfied	0.02
22.535	Terpinolene	0.06
22.596	trans-Linalool oxide (furanoid)	0.14
23.593	Linalool	36.32
23.750	Hotrienol	0.04
23.832	Hexyl propionate	0.08
24.005	1-Octen-3-yl acetate	1.00
25.441	allo-Ocimene	0.09
26.797	Camphor	0.53
27.909	Lavandulol	1.11
28.534	Borneol	0.65
29.133	Terpinen-4-ol	3.17
29.514	Cryptone	0.17
29.874	Hexyl butyrate	0.26
30.121	alpha-Terpineol	0.87
32.102	Nerol	0.12
33.351	Cuminal	0.03
33.940	Linalyl acetate	36.37
34.661	Unidentified	0.04
35.371	Isopulegyl acetate	0.02
36.173	Lavandulyl acetate	5.49
37.125	Unidentified	0.02
39.234	Hexyl tiglate	0.03
40.371	alpha-Terpinyl acetate	0.03
41.136	Neryl acetate	0.32
42.422	Geranyl acetate	0.57
42.953	Hexyl hexanoate	0.37
45.161	beta-Caryophyllene	1.88
45.992	trans-alpha-Bergamotene	0.06
47.209	(E)-beta-Farnesene	0.58
47.410	alpha-Humulene	0.03
48.990	Germacrene D	0.17
50.941	gamma-Cadinene	0.06
55.044	Caryophyllene oxide	0.20
58.475	alpha-epi-Muurolol	0.03
		100.00

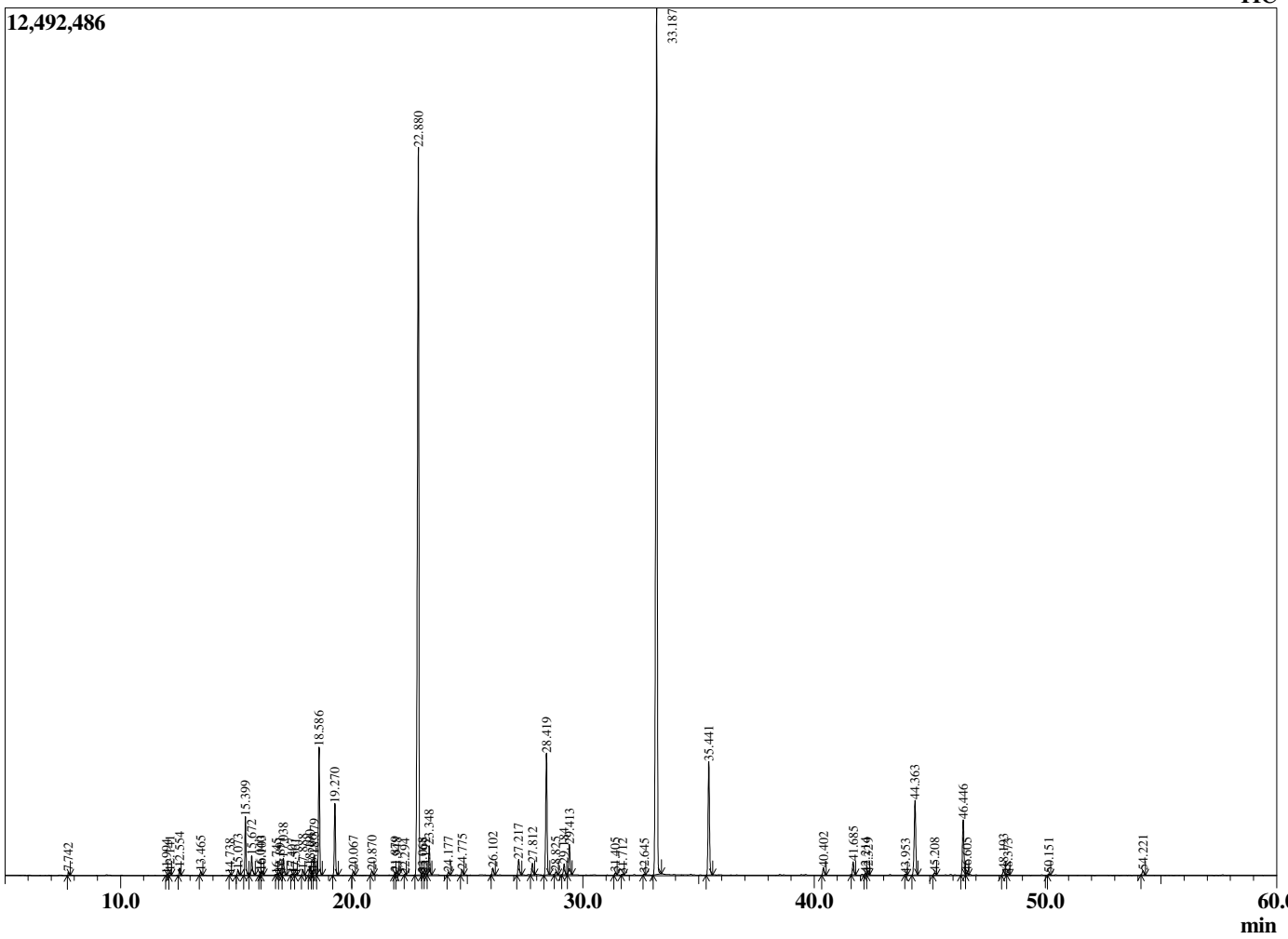
Comments:

The analysis of this Lavender, France 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.

Sample Information

Analyzed by : Dr. Robert S. Pappas
Analyzed : 7/11/2020 6:58:23 AM
Sample Type : Essential Oil
Sample Name : Lavender, Greece -
Sample ID BIOAROMA : BA18FAC
Injection Volume : 0.10
Instrument ID: : GC-4

Chromatogram Lavender - BIOAROMA



Comments:

The analysis of this Lavender, Greece 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.

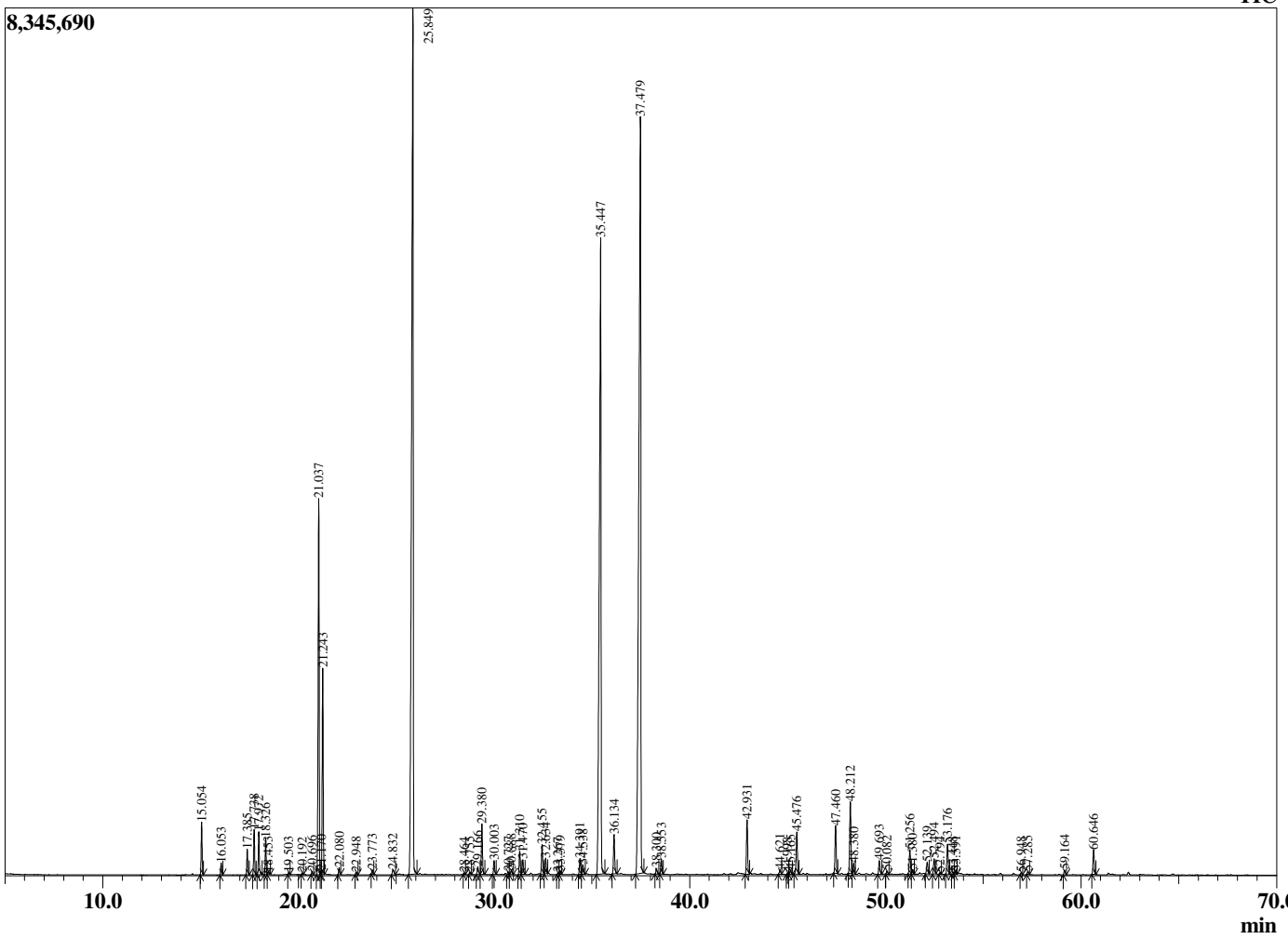
Peak Report TIC

R.Time	Name	Area%
3.705	2-Methyl 3-buten-2-ol	0.01
7.742	Hexyl methyl ether	0.08
11.994	Tricyclene	0.01
12.141	alpha-Thujene	0.10
12.554	alpha-Pinene	0.20
13.465	Camphene	0.12
14.738	Sabinene	0.03
15.073	1-Octen-3-ol	0.18
15.399	3-Octanone	1.75
15.672	Myrcene	0.69
16.040	Butyl butyrate	0.10
16.103	3-Octanol	0.11
16.745	alpha-Phellandrene	0.02
16.891	delta-3-Carene	0.10
17.038	Hexyl acetate	0.55
17.407	alpha-Terpinene	0.04
17.561	ortho-Cymene	0.02
17.888	para-Cymene	0.19
18.190	Limonene	0.29
18.296	beta-Phellandrene	0.13
18.379	1,8-Cineole	0.67
18.586	cis-beta-Ocimene	4.18
19.270	trans-beta-Ocimene	2.40
20.067	gamma-Terpinene	0.14
20.870	cis-Linalool oxide (furanoid)	0.16
21.879	Terpinolene	0.08
21.948	trans-Linalool oxide (furanoid)	0.09
22.294	Rosefuran	0.02
22.880	Linalool	29.91
23.068	Hotrienol	0.07
23.192	Hexyl propionate	0.05
23.348	1-Octen-3-yl acetate	1.00
24.177	3-Octyl acetate	0.10
24.775	allo-Ocimene	0.18
26.102	Camphor	0.26
27.217	Lavandulol	0.59
27.812	Borneol	0.44
28.419	Terpinen-4-ol	4.52
28.825	Cryptone	0.11
29.184	Hexyl butyrate	0.43
29.413	alpha-Terpineol	1.13
31.405	Nerol	0.07
31.712	Bornyl formate	0.03
32.645	Cuminal	0.03
33.187	Linalyl acetate	37.08
35.441	Lavandulyl acetate	4.44
40.402	Neryl acetate	0.29
41.685	Geranyl acetate	0.50
42.214	Hexyl hexanoate	0.06
42.329	7-epi-Sesquithujene	0.06
43.953	cis-alpha-Bergamotene	0.02
44.363	beta-Caryophyllene	3.26
45.208	trans-alpha-Bergamotene	0.10
46.446	trans-beta-Farnesene	2.24
46.605	alpha-Humulene	0.08
48.193	Germacrene D	0.22
48.373	Unidentified	0.03
50.151	gamma-Cadinene	0.05
54.221	Caryophyllene oxide	0.20
		100.00

Sample Information

Analyzed by : Dr. Robert S. Pappas
Analyzed : 7/12/2020 3:34:27 PM
Sample Type : Essential Oil
Sample Name : Lemon Basil -
Sample ID BIOAROMA : BA18FAD
Injection Volume : 0.10
Instrument ID: : GC-2

Chromatogram Lemon Basil - BIOAROMA



Comments:

The analysis of this Lemon Basil batch sample meets the expected chemical profile for authentic essential oil of *Ocimum citriodorum.* 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.

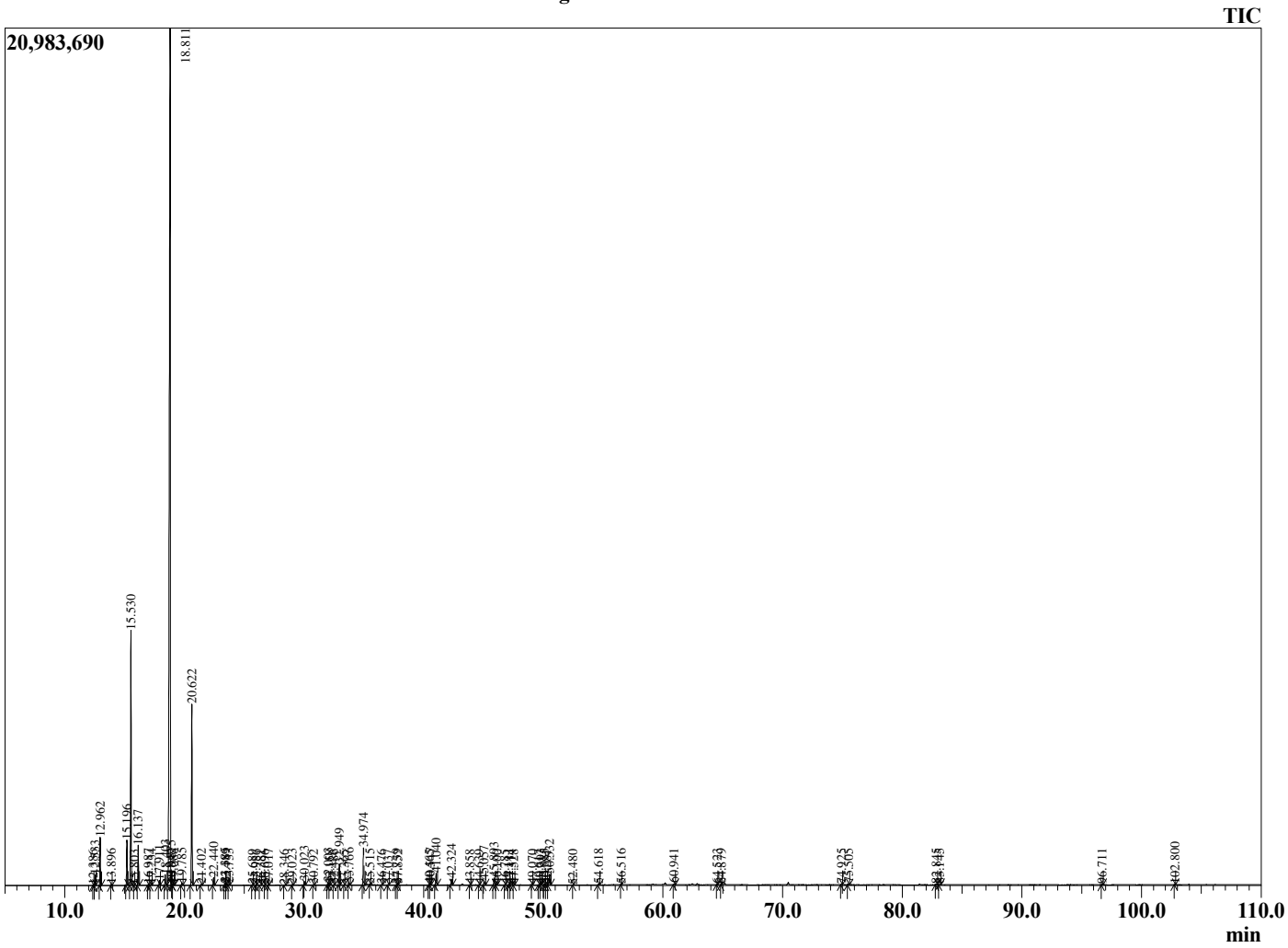
Peak Report TIC

R.Time	Name	Area%
15.054	alpha-Pinene	0.85
16.053	Camphene	0.20
17.385	Sabinene	0.43
17.738	beta-Pinene	0.77
17.972	6-Methyl hept-5-en-2-one	0.77
18.326	Myrcene	0.62
18.453	dehydro-1,8-Cineole	0.06
19.503	alpha-Phellandrene	0.04
20.192	alpha-Terpinene	0.03
20.696	para-Cymene	0.06
21.037	Limonene	7.10
21.170	beta-Phellandrene	0.04
21.243	1,8-cineole	3.67
22.080	trans-beta-Ocimene	0.13
22.948	gamma-Terpinene	0.04
23.773	trans-Sabinene hydrate	0.08
24.832	Terpinolene	0.15
25.849	Linalool	25.84
28.464	trans-Myroxide	0.03
28.755	exo-Isocitral	0.04
29.166	Camphor	0.17
29.380	Citronellal	0.99
30.003	Isoneral	0.28
30.727	delta-Terpineol	0.06
30.888	Borneol	0.11
31.310	Isogeranial	0.47
31.470	Terpinen-4-ol	0.32
32.455	alpha-Terpineol	0.60
32.634	Estragole	0.32
33.267	cis-Carveol	0.03
33.379	Octyl acetate	0.07
34.391	Nerol	0.34
34.538	Citronellol	0.22
35.447	Neral	19.39
36.134	Geraniol	0.86
37.479	Geranial	26.03
38.300	trans-Carvone oxide	0.12
38.553	Bornyl acetate	0.32
42.931	Eugenol	1.18
44.621	alpha-Copaene	0.11
44.998	cis-beta-Elemene	0.03
45.165	beta-Bourbonene	0.10
45.476	trans-beta-Elemene	0.92
47.460	beta-Caryophyllene	1.03
48.212	trans-alpha-Bergamotene	1.56
48.380	alpha-Guaiene	0.23
49.693	alpha-Humulene	0.31
50.082	cis-Cadina-1(6),4-diene	0.07
51.256	Germacrene D	0.54
51.380	Unidentified	0.10
52.139	Bicyclogermacrene	0.27
52.494	alpha-Bulnesene	0.34
52.794	beta-Bisabolene	0.03
53.176	gamma-Cadinene	0.66
53.448	delta-Cadinene	0.05
53.591	trans-Calamenene	0.06
56.948	Spathulenol	0.05
57.285	Caryophyllene oxide	0.06
59.164	1,10-di-epi-Cubenol	0.11
60.646	tau-Cadinol	0.55
		100.00

Sample Information

Analyzed by : Dr. Robert S. Pappas
Analyzed : 03/13/2021 5:39:23 AM
Sample Type : Essential Oil
Sample Name : Lemon Cold Pressed
Sample ID : BA24HA
Injection Volume : 0.10
Instrument ID: : GC-3

Chromatogram Lemon Cold Pressed



Comments:

The analysis of this Lemon, CP batch sample meets the expected chemical profile for authentic essential oil of *Citrus limon*. 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.

Peak Report TIC

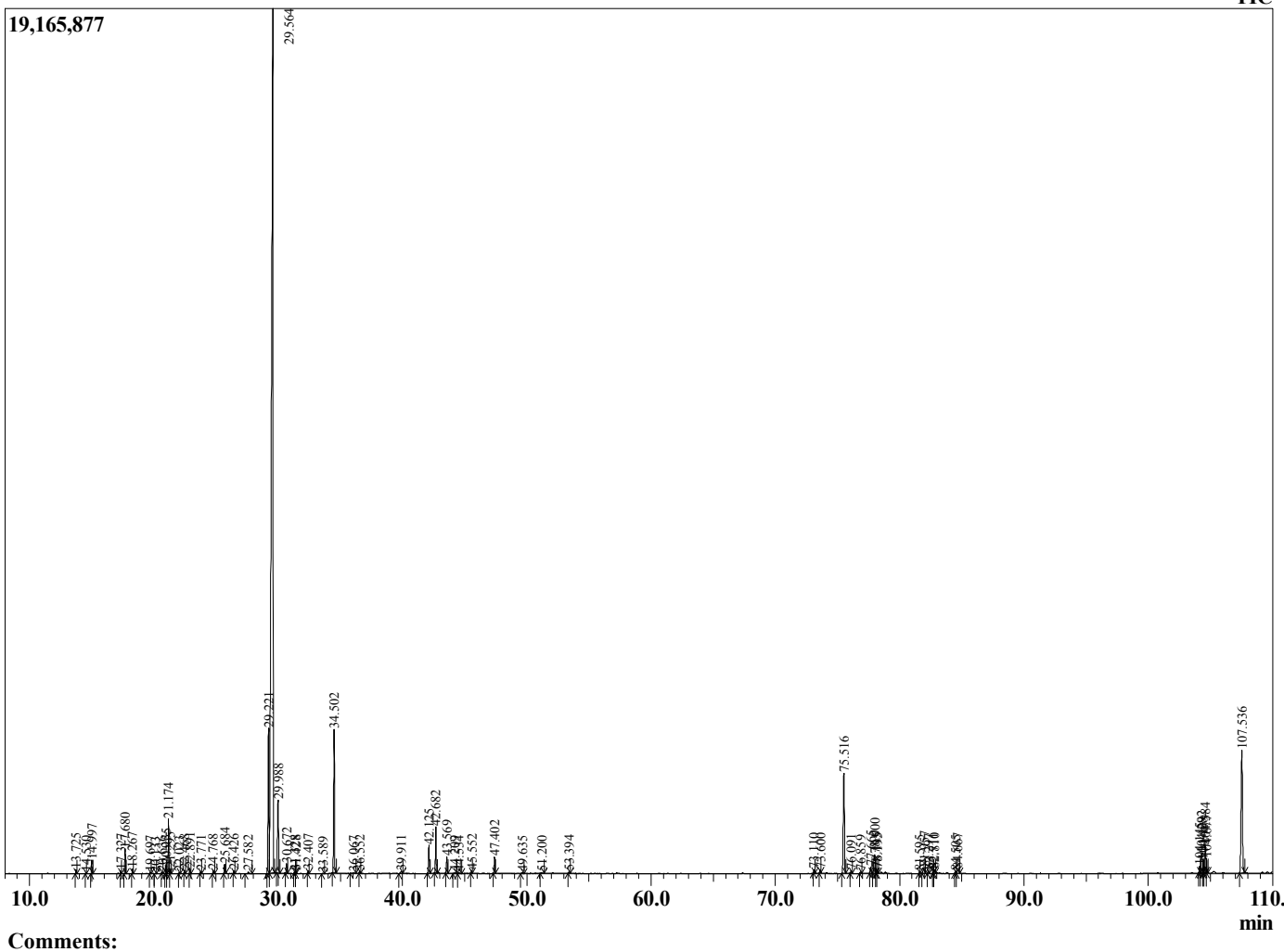
R.Time	Name	Area%
12.386	Tricyclene	0.01
12.533	alpha-Thujene	0.39
12.962	alpha-Pinene	1.89
13.896	Camphene	0.06
15.196	Sabinene	1.92
15.530	beta-Pinene	11.27
15.803	6-Methyl hept-5-en-2-one	0.01
16.137	Myrcene	1.76
16.987	Octanal	0.04
17.234	alpha-Phellandrene	0.05
17.911	alpha-Terpinene	0.23
18.403	para-Cymene	0.51
18.811	Limonene	65.65
18.875	beta-Phellandrene	0.04
18.942	1,8-Cineole	0.01
19.088	(Z)-beta-Ocimene	0.05
19.785	(E)-beta-Ocimene	0.11
20.622	gamma-Terpinene	8.65
21.402	trans-Sabinene hydrate	0.05
22.440	Terpinolene	0.35
23.385	Linalool	0.10
23.489	cis-Sabinene hydrate	0.03
23.733	Nonanal	0.08
25.689	cis-Limonene oxide	0.03
25.986	trans-Limonene oxide	0.02
26.381	Unidentified	0.02
26.696	Camphor	0.01
27.017	Citronellal	0.04
28.346	Unidentified	0.02
29.023	Terpinen-4-ol	0.04
30.023	alpha-Terpineol	0.20
30.792	Decanal	0.03
32.003	Nerol	0.12
32.158	Citronellol	0.02
32.486	Unidentified	0.01
32.949	Neral	1.10
33.365	Carvone	0.01
33.766	Geraniol	0.09
34.974	Geranial	1.93
35.515	Perillaldehyde	0.02
36.476	Unidentified	0.01
37.037	Carvacrol	0.02
37.739	Undecenal	0.03
37.852	Unidentified	0.02
40.465	Citronellyl acetate	0.02
40.547	Eugenol	0.08
41.040	Neryl acetate	0.62
42.324	Geranyl acetate	0.32
43.858	Tetradecane	0.02
44.639	cis-alpha-Bergamotene	0.02
45.057	beta-Caryophyllene	0.25
45.893	trans-alpha-Bergamotene	0.39
46.100	Unidentified	0.02
46.785	Unidentified	0.01
47.111	(E)-beta-Farnesene	0.04
47.314	alpha-Humulene	0.02
47.528	Unidentified	0.01
49.070	Unidentified	0.02
49.617	Unidentified	0.02
49.793	Bicyclogermacrene	0.03
50.085	cis-alpha-Bisabolene	0.06
50.281	Unidentified	0.01

R.Time	Name	Area%
50.532	beta-Bisabolene	0.59
52.480	Unidentified	0.01
54.618	Spathulenol	0.06
56.516	Unidentified	0.02
60.941	alpha-Bisabolol	0.06
64.523	Unidentified	0.02
64.879	Unidentified	0.01
74.925	Unidentified	0.02
75.505	Citropten	0.07
82.845	Unidentified	0.05
83.145	Unidentified	0.02
96.711	Unidentified	0.05
102.800	Unidentified	0.01
		100.00

Sample Information

Analyzed by	**: Dr. Robert S. Pappas**
Analyzed	**: 10/17/2020 3:32:48 AM**
Sample Type	**: Essential Oil**
Sample Name	**: Lemon Eucalyptus -**
Sample ID	**BIOAROMA : BA29IAE**
Injection Volume	**: 0.10**
Instrument ID:	**: GC-2**

Chromatogram Lemon Eucalyptus - BIOAROMA



Peak Report TIC

R.Time	Name	Area%
13.725	Isobutyl isobutyrate	0.09
14.530	alpha-Thujene	0.02
14.997	alpha-Pinene	0.33
17.327	Sabinene	0.08
17.680	beta-Pinene	0.66
18.267	Myrcene	0.11
19.697	Isoamyl isobutyrate	0.03
20.133	alpha-Terpinene	0.02
20.636	para-Cymene	0.03
20.955	Limonene	0.22
21.174	1,8-Cineol	1.55
21.295	(Z)-beta-Ocimene	0.15
22.023	(E)-beta-Ocimene	0.03
22.468	Bergamal	0.09
22.891	gamma-Terpinene	0.14
23.771	Isoterpinolene	0.05
24.768	Terpinolene	0.11
25.684	Linalool	0.28
26.426	cis-Rose oxide	0.07
27.582	trans-Rose oxide	0.08
29.221	Isopulegol	5.27
29.564	Citronellal	59.48
29.988	Neoisopulegol	3.29
30.672	Isoisopulegol	0.29
31.328	Neoisoisopulegol	0.06
31.428	Terpinen-4-ol	0.03
32.407	alpha-Terpineol	0.08
33.589	Unidentified	0.02
34.502	Citronellol	5.01
36.067	Geraniol	0.04
36.552	Methyl citronellate	0.06
39.911	Citronellic acid	0.09
42.125	Citriodiol I	0.98
42.682	Citronellyl acetate	1.44
43.569	Citriodiol II	0.56
44.209	Unidentified	0.03
44.534	Geranyl acetate	0.04
45.552	Unidentified	0.07
47.402	trans-beta-Caryophyllene	0.53
49.635	alpha-Humulene	0.04
51.200	Germacrene D	0.03
53.394	delta-Cadinene	0.04
73.110	Unidentified	0.11
73.600	Unidentified	0.12
75.516	Citriodiol acetal I	4.74
76.091	Unidentified	0.09
76.859	Unidentified	0.06
77.665	Unidentified	0.24
78.000	Citriodiol acetal II	1.12
78.115	Unidentified	0.12
78.195	Unidentified	0.13
81.595	Unidentified	0.03
81.957	Unidentified	0.31
82.297	Unidentified	0.08
82.711	Unidentified	0.12
82.810	Unidentified	0.13
84.505	Unidentified	0.07
84.667	Unidentified	0.23
104.145	Unidentified	0.25
104.292	Unidentified	1.16
104.408	Unidentified	0.46
104.584	Unidentified	1.22

Comments:

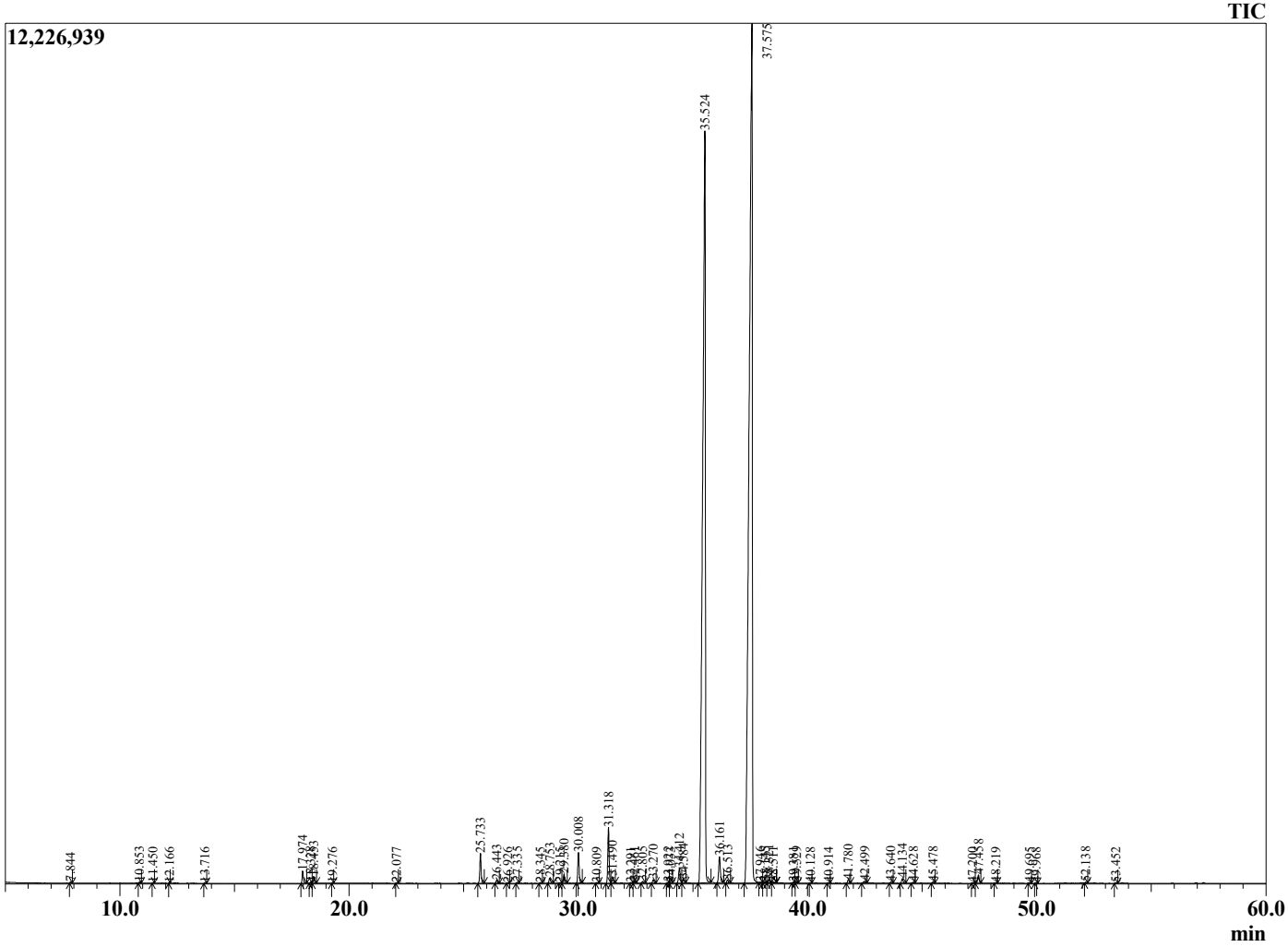
The analysis of this Lemon Eucalyptus batch sample meets the expected chemical profile for authentic essential oil of *Eucalyptus citriodora*. No contamination or adulteration was detected. The results provided in this GCMS quality analysis reflect the chemical composition of the oil and lot referenced above on the date of analysis.

R.Time	Name	Area%
104.677	Unidentified	0.47
107.536	Unidentified	7.12
		100.00

Sample Information

Analyzed by : Dr. Robert S. Pappas
Analyzed : 7/10/2020 5:58:04 AM
Sample Type : Essential Oil
Sample Name : Lemon Myrtle - Edens Garden
Sample ID : BA18FAE
Injection Volume : 0.10
Instrument ID: : GC-3

Chromatogram Lemon Myrtle - Edens Garden



Peak Report TIC

R.Time	Name	Area%
7.844	Methyl 2-methylbutyrate	0.03
10.853	Hex-3(Z)-enol	0.02
11.450	n-Hexanol	0.01
12.166	Unidentified	0.01
13.716	Unidentified	0.02
17.974	6-Methyl hept-5-en-2-one	0.31
18.328	Myrcene	0.03
18.453	dehydro-1,8-Cineole	0.17
19.276	Unidentifed	0.01
22.077	trans-beta-Ocimene	0.01
25.733	Linalool	0.78
26.443	Unidentifed	0.08
26.926	Unidentifed	0.01
27.335	trans-para-Mentha-2,8-dienol	0.03
28.345	cis-para-Mentha-2,8-dien-1-ol	0.02
28.753	exo-Isocitral	0.16
29.215	Unidentifed	0.02
29.380	Citronellal	0.24
30.008	Unidentified	0.82
30.809	para-Mentha-1,5-dien-8-ol	0.02
31.318	trans-Isocitral	1.46
31.490	Unidentified	0.19
32.291	Unidentified	0.02
32.461	alpha-Terpineol	0.04
32.805	trnas-Piperitol	0.05
33.270	cis-Carveol	0.10
33.922	Unidentified	0.02
34.033	Unidentified	0.02
34.412	Nerol	0.48
34.584	Citronellol	0.13
35.524	Neral	39.59
36.161	Geraniol	0.84
36.513	Piperitone	0.08
37.575	Geranial	53.20
37.946	Unidentified	0.01
38.145	Unidentified	0.03
38.321	trans-Carvone oxide	0.08
38.511	Unidentified	0.04
39.381	Geranyl formate	0.02
39.529	Unidentified	0.03
40.128	Unidentified	0.01
40.914	Unidentified	0.01
41.780	Unidentified	0.09
42.499	Geranic acid	0.07
43.640	Unidentified	0.03
44.134	Unidentified	0.13
44.628	alpha-Copaene	0.03
45.478	beta-Elemene	0.04
47.200	Unidentified	0.01
47.458	beta-Caryophyllene	0.26
48.219	Unidentified	0.01
49.695	alpha-Humulene	0.02
49.968	Unidentified	0.01
52.138	Bicyclogermacrene	0.02
53.452	delta-Cadinene	0.02
		100.00

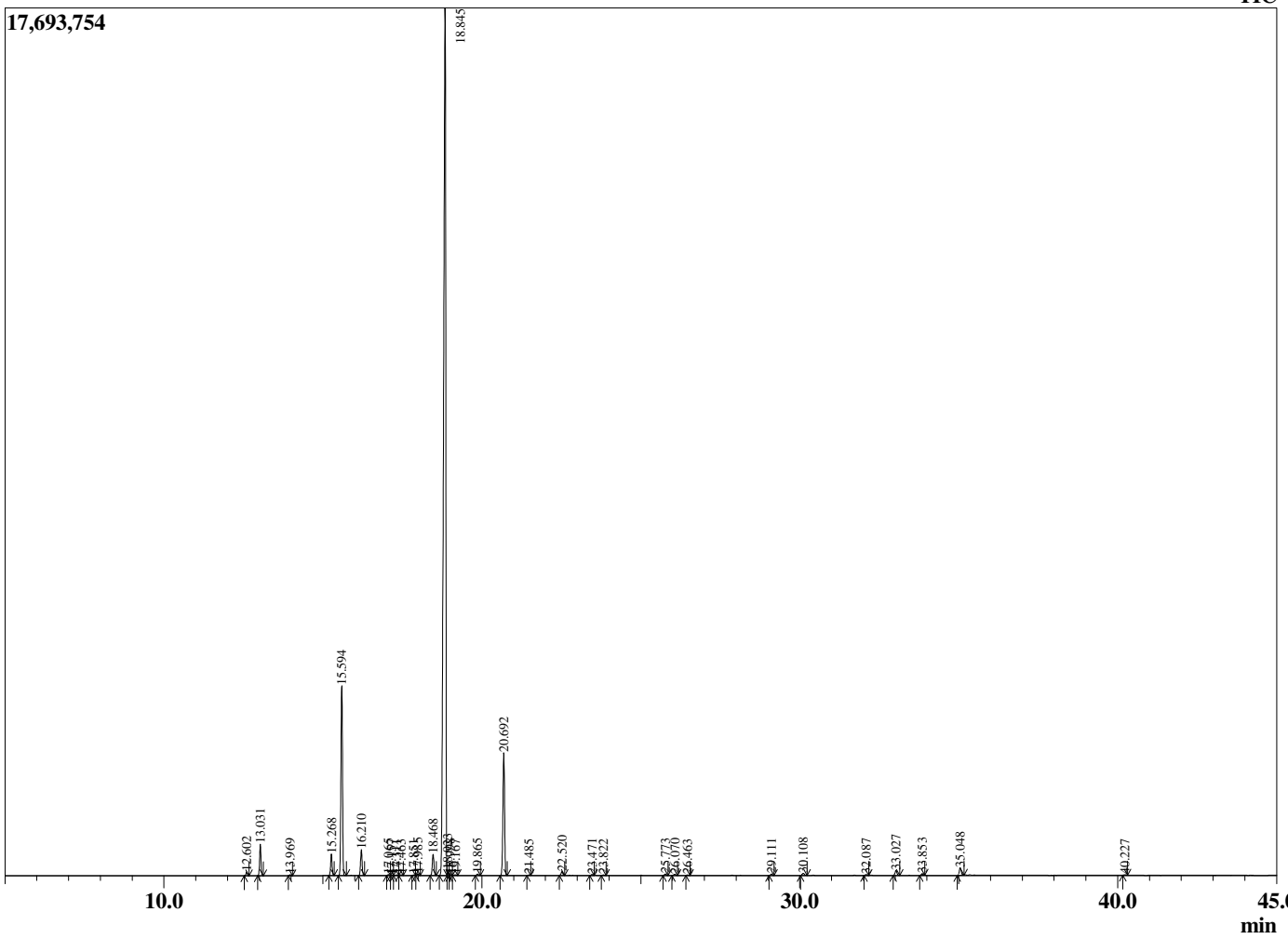
Comments:

The analysis of this Lemon Myrtle batch sample meets the expected chemical profile for authentic essential oil of *Backhousia citriodora.* 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.

Sample Information

Analyzed by : Dr. Robert S. Pappas
Analyzed : 8/29/2020 12:54:58 AM
Sample Type : Essential Oil
Sample Name : Lemon, Steam Distilled -
Sample ID BIOAROMA : BA08GK
Injection Volume : 0.10
Instrument ID: : GC-3

Chromatogram Lemon, Steam Distilled - BIOAROMA



Peak Report TIC

R.Time	Name	Area%
12.602	alpha-Thujene	0.20
13.031	alpha-Pinene	1.66
13.969	Camphene	0.06
15.268	Sabinene	1.20
15.594	beta-Pinene	11.21
16.210	Myrcene	1.46
17.065	Octanal	0.05
17.157	Pseudolimonene	0.01
17.311	alpha-Phellandrene	0.03
17.463	delta-3-Carene	0.03
17.851	1,4-Cineole	0.02
17.985	alpha-Terpinene	0.10
18.468	para-Cymene	1.33
18.845	Limonene	72.57
18.923	beta-Phellandrene	0.24
18.998	1,8-Cineole	0.06
19.167	cis-beta-Ocimene	0.04
19.865	trans-beta-Ocimene	0.08
20.692	gamma-Terpinene	7.71
21.485	trans-Sabinene hydrate	0.03
22.520	Terpinolene	0.24
23.471	Linalool	0.07
23.822	Nonanal	0.03
25.773	cis-Limonene oxide	0.09
26.070	trans-Limonene oxide	0.08
26.463	Unidentified	0.02
29.111	Terpinen-4-ol	0.10
30.108	alpha-Terpineol	0.16
32.087	Nerol	0.05
33.027	Neral	0.35
33.853	Geraniol	0.11
35.048	Geranial	0.57
40.227	Limonene glycol	0.03
		100.00

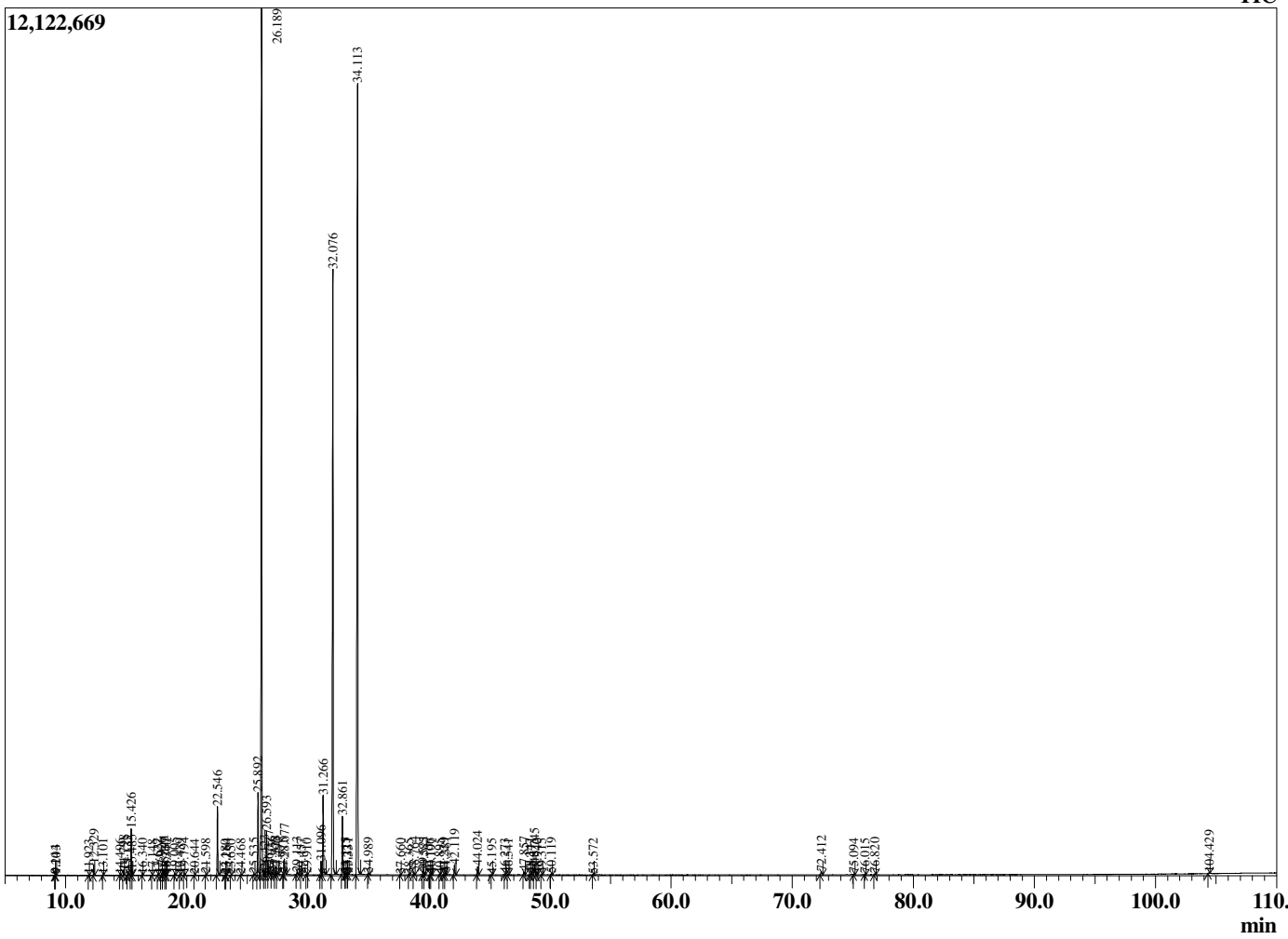
Comments:

The analysis of this Lemon, Steam Distilled batch sample meets the expected chemical profile for authentic essential oil of *Citrus limon.* 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.

Sample Information

Analyzed by : Dr. Robert S. Pappas
Analyzed : 3/6/2021 4:55:08 PM
Sample Type : Essential Oil
Sample Name : Lemon Tea Tree -
Sample ID BIOAROMA : BB22AP
Injection Volume : 0.10
Instrument ID: : GC-4

Chromatogram Lemon Tea Tree - BIOAROMA



Comments:

The analysis of this Lemon Tea Tree batch sample meets the expected chemical profile for authentic essential oil of *Leptospermum petersonii* . 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.

Peak Report TIC

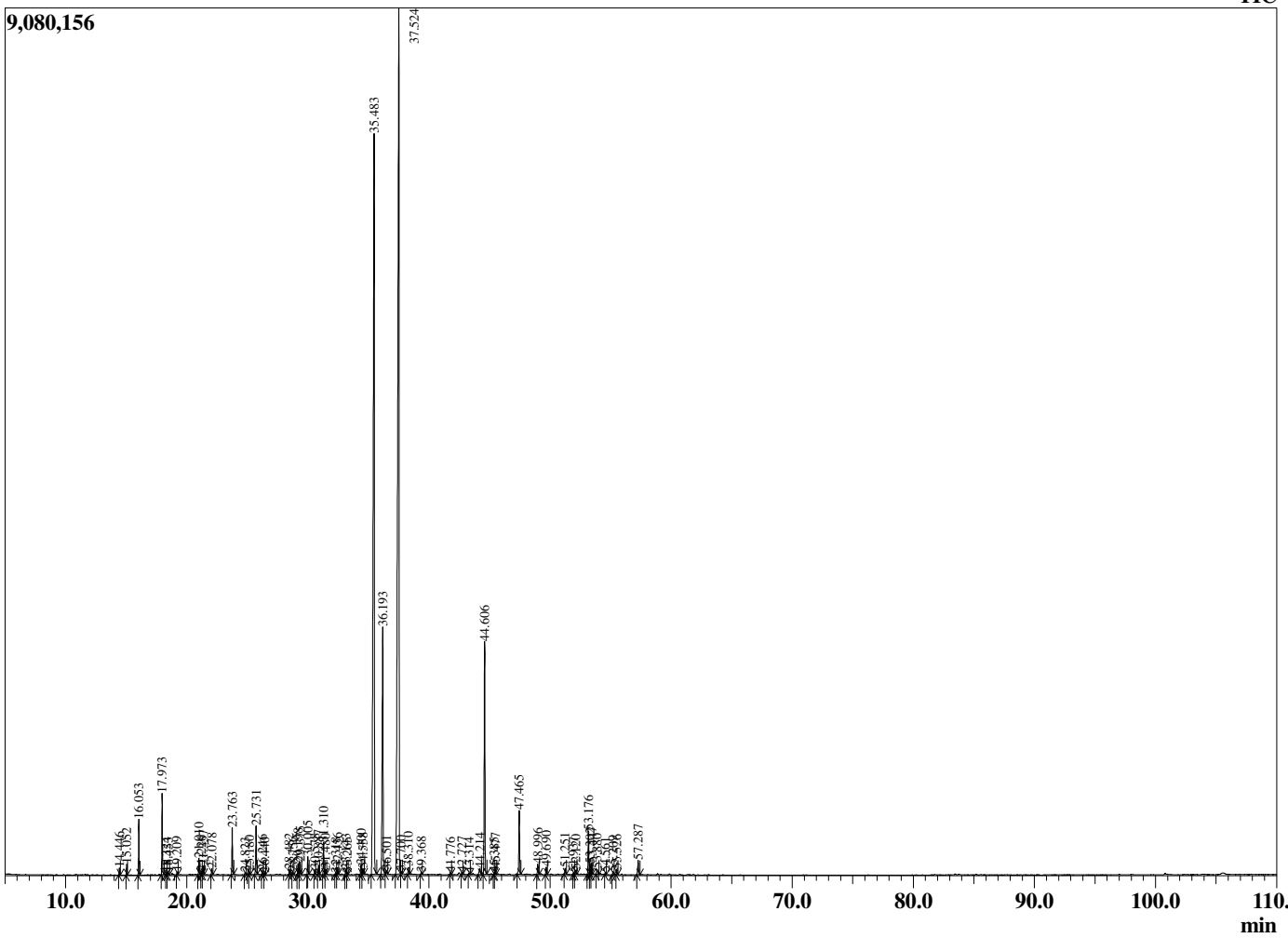
R.Time	Name	Area%
3.636	Unidentified	0.01
9.144	Unidentified	0.01
9.203	Unidentified	0.02
11.923	alpha-Thujene	0.01
12.329	alpha-Pinene	0.26
13.101	Methyl-3-methyl-2-pentenoate	0.01
14.496	Sabinene	0.02
14.798	beta-Pinene	0.13
15.133	6-Methyl hept-5-en-2-one	0.10
15.426	Myrcene	1.20
15.485	Unidentified	0.07
16.340	Pseudolimonene	0.02
17.148	alpha-Terpinene	0.00
17.627	para-Cymene	0.03
17.926	Limonene	0.06
18.111	1,8-Cineole	0.15
18.237	Dihydromyrcenol	0.04
18.340	(Z)-beta-Ocimene	0.01
19.005	(E)-beta-Ocimene	0.05
19.439	Bergamal	0.03
19.794	gamma-Terpinene	0.05
20.644	Unidentified	0.01
21.598	Terpinolene	0.04
22.546	Linalool	2.04
23.180	Unidentified	0.01
23.264	cis-Rose oxide	0.02
23.650	Unidentified	0.01
24.468	Unidentified	0.01
25.535	exo-Isocitral	0.05
25.892	Isopulegol	2.55
26.189	Citronellal	30.07
26.423	Menthone	0.20
26.593	iso-Isopulegol	1.47
26.777	cis-Chrysanthenol	0.25
27.036	Isomenthone	0.07
27.328	neo-Isopulegol	0.11
27.490	para-Mentha-1,5-dien-8-ol	0.05
27.975	Unidentfied	0.02
28.077	(Z)-Isocitral	0.58
29.113	alpha-Terpineol	0.10
29.457	Unidentified	0.02
29.910	Unidentified	0.03
31.096	Nerol	0.44
31.266	Citronellol	2.78
32.076	Neral	21.56
32.861	Geraniol	1.91
33.115	Piperitone	0.04
33.227	Unidentified	0.03
33.331	Unidentified	0.03
34.113	Geranial	31.00
34.989	Unidentified	0.06
37.660	Unidentified	0.02
38.365	delta-Elemene	0.02
38.764	8-hydroxyneomenthol	0.08
39.521	Citronellyl acetate	0.14
39.585	Unidentified	0.06
40.106	Neryl acetate	0.02
40.197	Citriodiol	0.04
40.895	Unidentified	0.01
41.229	alpha-Copaene	0.04
41.381	Geranyl acetate	0.08
42.119	beta-Elemene	0.35

R.Time	Name	Area%
44.024	trans-beta-Caryophyllene	0.29
45.195	Aromadendrene	0.01
46.273	alpha-Humulene	0.03
46.541	Alloaromadendrene	0.03
47.857	Germacrene D	0.10
48.347	beta-Selinene	0.02
48.471	Viridiflorene	0.03
48.745	Bicyclogermacrene	0.41
48.940	alpha-Muurolene	0.02
49.315	(E,E)-alpha-Farnesene	0.02
50.119	delta-Cadinene	0.06
53.572	Spathulenol	0.02
72.412	Citriodiol acetal	0.15
75.094	Unidentified	0.02
76.015	Unidentified	0.02
76.820	Unidentified	0.04
104.429	Unidentified	0.04
		100.00

Sample Information

Analyzed by : Dr. Robert S. Pappas
Analyzed : 7/12/2020 1:43:04 AM
Sample Type : Essential Oil
Sample Name : Lemongrass -
Sample ID BIOAROMA : BA18FAF
Injection Volume : 0.10
Instrument ID: : GC-2

Chromatogram Lemongrass - BIOAROMA



Peak Report TIC

R.Time	Name	Area%
14.446	Tricyclene	0.13
15.052	alpha-Pinene	0.21
16.053	Camphene	1.07
17.973	6-Methyl hept-5-en-2-one	1.62
18.324	Myrcene	0.04
18.453	dehydro-1,8-Cineole	0.06
19.209	Octanal	0.06
21.010	Limonene	0.34
21.226	1,8-cineole	0.05
21.357	cis-beta-Ocimene	0.18
22.078	trans-beta-Ocimene	0.12
23.763	4-Nonanone	1.02
24.823	Terpinolene	0.06
25.180	Rosefuran	0.07
25.731	Linalool	1.12
26.246	alpha-Pinene oxide	0.09
26.440	Unidentified	0.03
28.482	Epiphotocitral A	0.12
28.756	exo-Isocitral	0.07
29.198	trans-Chrysanthemal	0.26
29.375	Citronellal	0.30
30.005	Isoneral	0.42
30.578	Isoborneol	0.11
30.887	Borneol	0.20
31.310	Isogeranial	0.75
31.480	Unidentified	0.14
32.318	Unidentified	0.04
32.456	alpha-Terpineol	0.14
33.143	Decanal	0.13
33.265	Unidentified	0.04
34.400	Nerol	0.27
34.558	Citronellol	0.18
35.483	Neral	30.40
36.193	Geraniol	7.72
36.501	Piperitone	0.10
37.524	Geranial	40.57
37.700	4-Undecanone	0.07
38.310	trans-Carvone oxide	0.17
39.368	Geranyl formate	0.05
41.776	Unidentified	0.04
42.727	Citronellyl acetate	0.05
43.314	Neryl acetate	0.03
44.214	Isoledene	0.27
44.606	Geranyl acetate	5.87
45.385	beta-Cubebene	0.04
45.477	beta-Elemene	0.15
47.465	beta-Caryophyllene	1.74
48.996	trans-Isoeugenol	0.28
49.690	alpha-Humulene	0.18
51.251	Germacrene D	0.15
51.937	Unidentified	0.05
52.120	4-epi-Cubebol	0.12
53.176	gamma-Cadinene	1.12
53.302	Cubebol	0.27
53.447	delta-Cadinene	0.28
53.880	Unidentified	0.20
54.561	alpha-Cadinene	0.04
55.209	Elemol	0.08
55.526	Geranyl butyrate	0.11
57.287	Caryophyllene oxide	0.43
		100.00

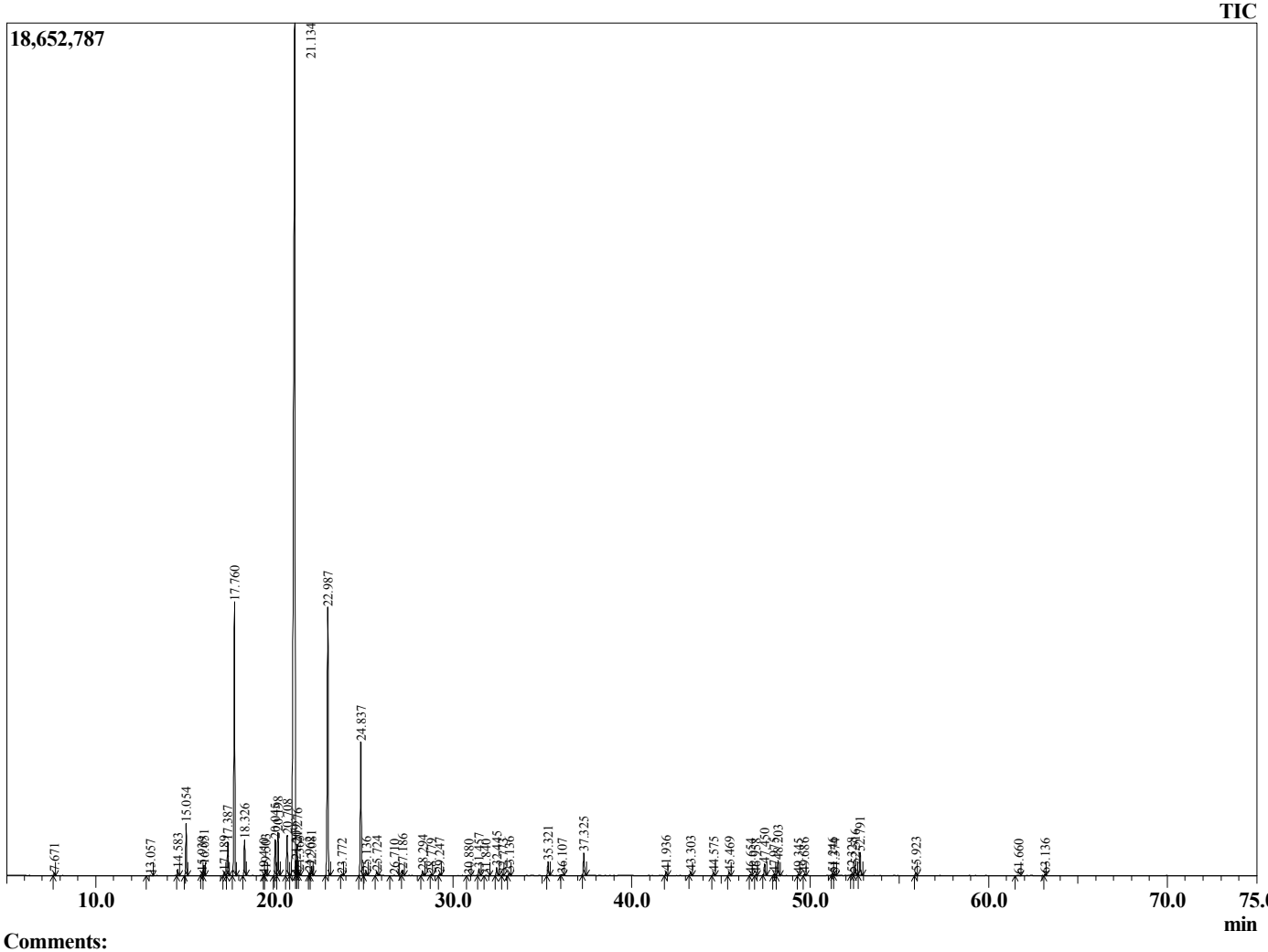
Comments:

The analysis of this Lemongrass batch sample meets the expected chemical profile for authentic essential oil of *Cymbopogon flexuosus.* 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.

Sample Information

Analyzed by : Dr. Robert S. Pappas
Analyzed : 7/13/2020 5:26:13 AM
Sample Type : Essential Oil
Sample Name : Key Lime - BIOAROMA
Sample ID : BA18FY
Injection Volume : 0.10
Instrument ID: : GC-2

Chromatogram Key Lime - BIOAROMA



Comments:

The analysis of this Key Lime batch sample meets the expected chemical profile for authentic essential oil of *Citrus aurantifolia.* 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.

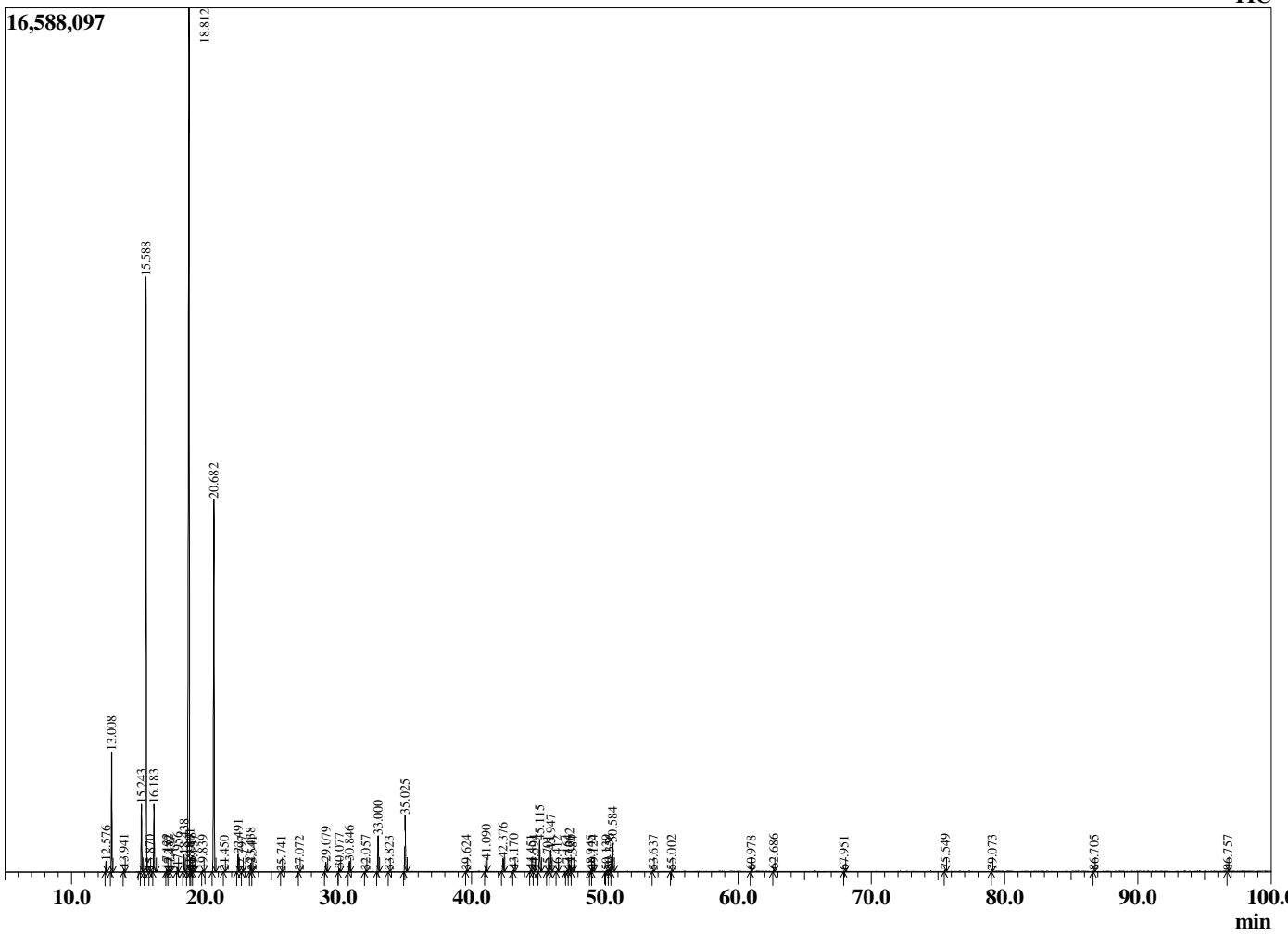
Peak Report TIC

R.Time	Name	Area%
7.671	Limediene	0.07
13.057	Nonane	0.02
14.583	alpha-Thujene	0.22
15.054	alpha-Pinene	1.77
15.939	alpha-Fenchene	0.11
16.051	Camphene	0.36
17.189	Bois de Rose oxide	0.14
17.387	Sabinene	1.24
17.760	beta-Pinene	10.25
18.326	Myrcene	1.26
19.410	1,3,8-p-Menthatriene	0.03
19.503	alpha-Phellandrene	0.23
20.045	1,4-Cineole	1.37
20.198	alpha-Terpinene	1.64
20.708	para-Cymene	1.74
21.134	Limonene	53.25
21.209	beta-Phellandrene	0.37
21.276	1,8-Cineole	1.06
21.363	(Z)-beta-Ocimene	0.14
21.962	Ocimene quintoxide	0.10
22.081	(E)-beta-Ocimene	0.37
22.987	gamma-Terpinene	11.37
23.772	trans-Sabinene hydrate	0.03
24.837	Terpinolene	5.42
25.136	para-Cymenene	0.12
25.724	Linalool	0.17
26.710	Unidentified	0.02
27.186	alpha-Fenchol	0.24
28.294	Terpin-3-en-1-ol	0.20
28.779	Unidentified	0.04
29.247	trans-beta-Terpineol	0.09
30.880	Borneol	0.03
31.457	Terpinen-4-ol	0.29
31.840	para-Cymen-8-ol	0.03
32.445	alpha-Terpineol	0.35
32.773	gamma-Terpineol	0.03
33.136	Decanal	0.11
35.321	Neral	0.59
36.107	Geraniol	0.05
37.325	Geranial	0.98
41.936	delta-Elemene	0.17
43.303	Neryl acetate	0.16
44.575	Geranyl acetate	0.11
45.469	beta-Elemene	0.15
46.654	Dodecanal	0.04
46.958	cis-alpha-Bergamotene	0.04
47.450	trans-beta-Caryophyllene	0.51
47.975	gamma-Elemene	0.07
48.203	trans-alpha-Bergamotene	0.69
49.345	(E)-beta-Farnesene	0.04
49.686	alpha-Humulene	0.06
51.246	Germacrene D	0.10
51.374	(Z,E)-alpha-Farnesene	0.04
52.328	(Z)-alpha-Bisabolene	0.07
52.516	(E,E)-alpha-Farnesene	0.45
52.791	beta-Bisabolene	1.04
55.923	Germacrene B	0.14
61.660	Unidentified	0.04
63.136	alpha-Bisabolol	0.04
77.732	Citropten	0.07
88.853	Isopimpinellin	0.06
		100.00

Sample Information

Analyzed by : Dr. Robert S. Pappas
Analyzed : 8/27/2020 3:49:50 AM
Sample Type : Essential Oil
Sample Name : Lime - BIOAROMA :
Sample ID BA08GL
Injection Volume : 0.10
Instrument ID: : GC-3

Chromatogram Lime - BIOAROMA



Comments:

The analysis of this Lime, Expressed batch sample meets the expected chemical profile for authentic essential oil of *Citrus aurantifolia*. 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.

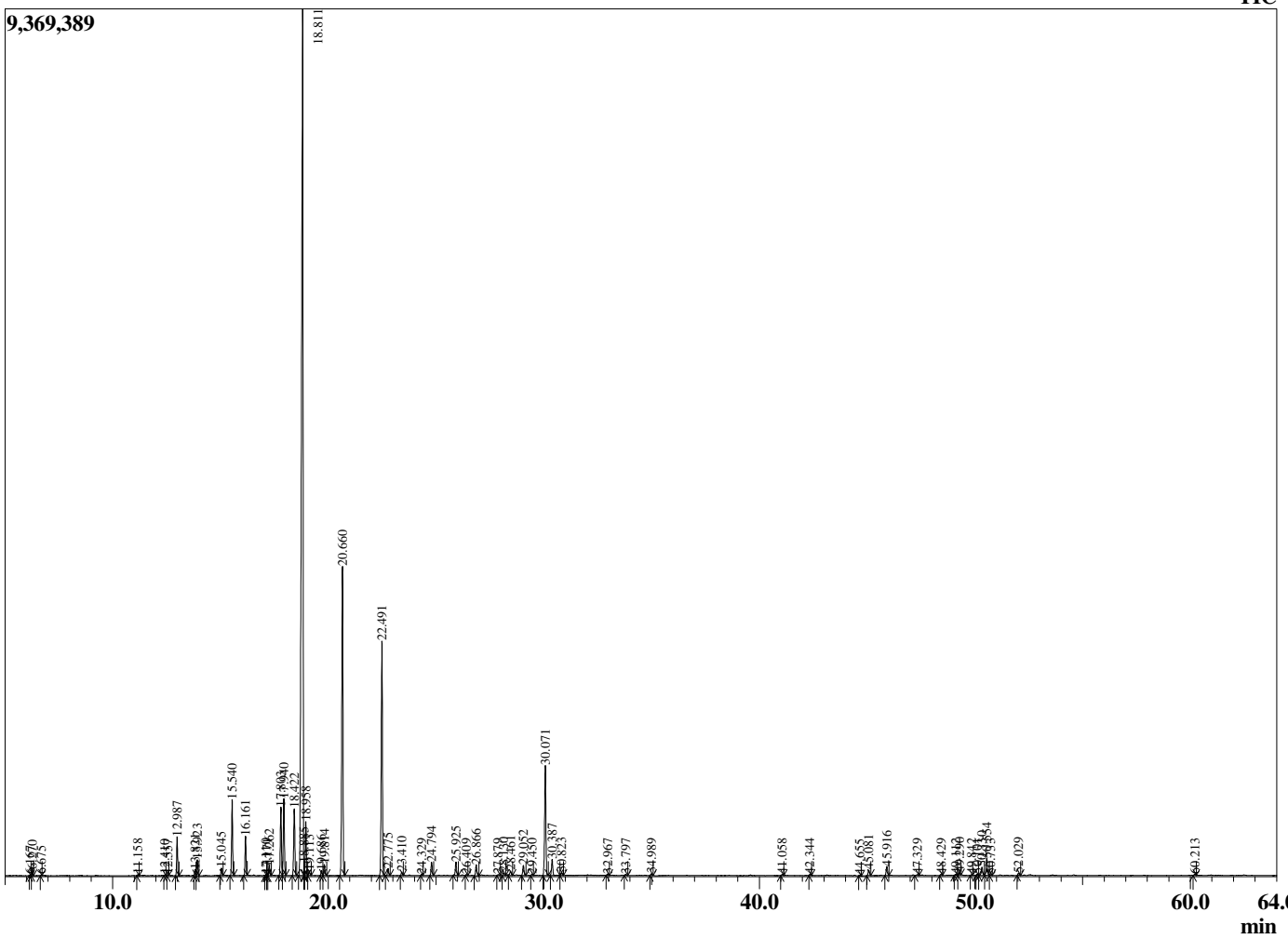
Peak Report TIC

R.Time	Name	Area%
12.576	alpha-Thujene	0.32
13.008	alpha-Pinene	3.81
13.941	Camphene	0.10
15.243	Sabinene	2.28
15.588	beta-Pinene	21.65
15.870	Unidentified	0.04
16.183	Myrcene	2.27
17.132	Pseudolimonene	0.08
17.282	alpha-Phellandrene	0.04
17.437	delta-3-Carene	0.02
17.956	alpha-Terpinene	0.16
18.438	para-Cymene	0.62
18.812	Limonene	41.87
18.891	beta-Phellandrene	0.20
18.968	1,8-Cineole	0.10
19.137	cis-beta-Ocimene	0.04
19.839	trans-beta-Ocimene	0.06
20.682	gamma-Terpinene	14.76
21.450	trans-Sabinene hydrate	0.02
22.491	Terpinolene	0.67
22.797	para-Cymenene	0.01
23.438	Linalool	0.34
23.541	cis-Sabinene hydrtae	0.02
25.741	cis-Limonene oxide	0.01
27.072	Citronellal	0.02
29.079	Terpinen-4-ol	0.40
30.077	alpha-Terpineol	0.13
30.846	Decanal	0.42
32.057	Nerol	0.04
33.000	Neral	1.42
33.823	Geraniol	0.03
35.025	Geranial	2.27
39.624	delta-Elemene	0.04
41.090	Neryl acetate	0.46
42.376	Geranyl acetate	0.57
43.170	beta-Elemene	0.06
44.451	Dodecanal	0.05
44.694	cis-alpha-Bergamotene	0.03
45.115	beta-Caryophyllene	1.37
45.701	gamma-Elemene	0.02
45.947	trans-alpha-Bergamotene	0.94
46.412	cis-beta-Farnesene	0.02
47.164	trans-beta-Farnesene	0.05
47.362	alpha-Humulene	0.36
47.584	epi-beta-Santalene	0.02
48.945	Germacrene D	0.03
49.124	Unidentified	0.05
50.139	cis-alpha-Bisabolene	0.05
50.356	(E,E)-alpha-Farnesene	0.08
50.584	beta-Bisabolene	1.23
53.637	Germacrene B	0.03
55.002	Caryophyllene oxide	0.02
60.978	alpha-Bisabolol	0.02
62.686	Hemianin	0.08
67.951	Unidentified	0.02
75.549	Citropten	0.08
79.073	Isobergaptene	0.04
86.705	Isopimpinellin	0.03
96.757	Unidentified	0.02
		100.00

Sample Information

Analyzed by : Dr. Robert S. Pappas
Analyzed : 10/9/2020 5:35:39 AM
Sample Type : Essential Oil
Sample Name : Lime, Distilled -
Sample ID BIOAROMA : BA29IAF
Injection Volume : 0.10
Instrument ID: : GC-3

Chromatogram Lime, Distilled - BIOAROMA



Comments:

The analysis of this Lime, Distilled batch sample meets the expected chemical profile for authentic essential oil of *Citrus aurantifolia.* 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.

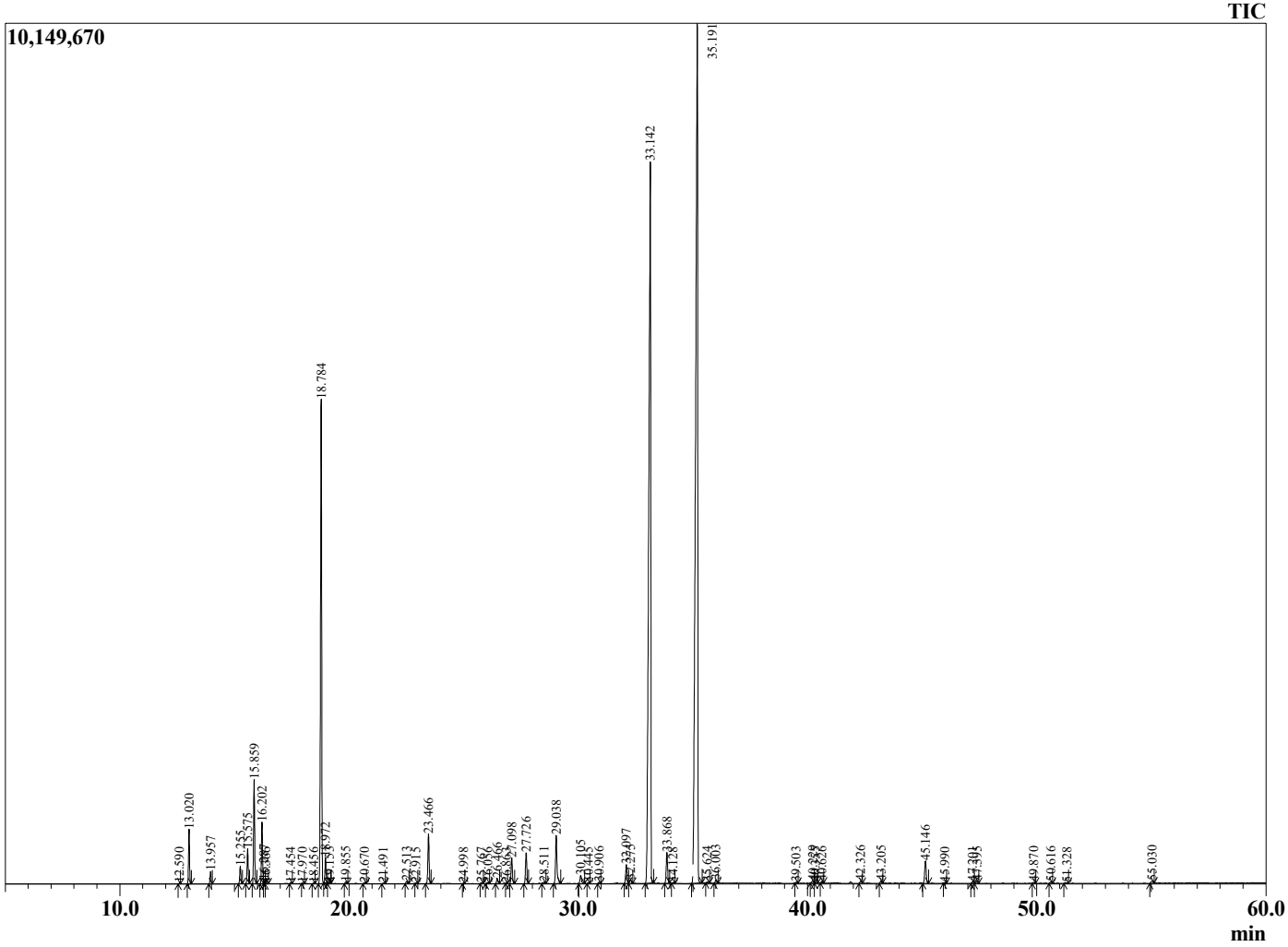
Peak Report TIC

R.Time	Name	Area%
6.167	Limediene isomer	0.02
6.270	Limediene	0.13
6.675	Limediene isomer	0.02
11.158	Nonane	0.03
12.410	Tricyclene	0.02
12.557	alpha-Thujene	0.02
12.987	alpha-Pinene	1.25
13.821	alpha-Fenchene	0.20
13.923	Camphene	0.53
15.045	Bois de Rose oxide	0.26
15.540	beta-Pinene	2.65
16.161	Myrcene	1.35
17.110	Pseudolimonene	0.04
17.171	Unidenfitied	0.06
17.262	alpha-Phellandrene	0.39
17.803	1,4-Cineole	2.60
17.940	alpha-Terpinene	2.86
18.422	para-Cymene	2.68
18.811	Limonene	48.12
18.885	beta-Phellandrene	0.31
18.958	1,8-Cineole	1.76
19.113	(Z)-beta-Ocimene	0.18
19.686	2,2-dimethyl-5-(1-methyl-1-propenyl)-tetrahy	0.19
19.814	(E)-beta-Ocimene	0.45
20.660	gamma-Terpinene	12.93
22.491	Terpinolene	9.68
22.775	Para-cymenene	0.27
23.410	Linalool	0.14
24.329	Unidentified	0.03
24.794	alpha-Fenchol	0.53
25.925	Terpin-3-en-1-ol	0.57
26.409	Unidentified	0.04
26.866	trans-beta-Terpineol	0.47
27.879	Isoborneol	0.04
28.130	Unidentified	0.11
28.461	Borneol	0.21
29.052	Terpinen-4-ol	0.43
29.450	para-Cymen-8-ol	0.06
30.071	alpha-Terpineol	4.82
30.387	gamma-Terpineol	0.70
30.823	Decanal	0.12
32.967	Neral	0.07
33.797	Geraniol	0.04
34.989	Geranial	0.08
41.058	Neryl acetate	0.05
42.344	Geranyl acetate	0.04
44.655	cis-alpha-Bergamotene	0.03
45.081	beta-Caryophyllene	0.27
45.916	trans-alpha-Bergamotene	0.43
47.329	alpha-Humulene	0.04
48.429	Unidentified	0.05
49.112	Unidentified	0.04
49.290	delta-Selinene	0.10
49.842	alpha-Selinene	0.03
50.101	cis-alpha-Bisabolene	0.05
50.330	(E,E)-alpha-Farnesene	0.39
50.554	beta-Bisabolene	0.82
50.733	Unidentified	0.03
52.029	Unidentified	0.11
		100.00

Sample Information

Analyzed by : Dr. Robert S. Pappas
Analyzed : 7/11/2020 10:13:32 PM
Sample Type : Essential Oil
Sample Name : Litsea - Edens Garden
Sample ID : BA18FAG
Injection Volume : 0.10
Instrument ID: : GC-3

Chromatogram Litsea -BIOAROMA



Comments:

The analysis of this Litsea batch sample meets the expected chemical profile for authentic essential oil of *Litsea cubeba.* 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.

Peak Report TIC

R.Time	Name	Area%
3.777	2-methyl-3-buten-2-ol	0.01
12.590	alpha-Thujene	0.02
13.020	alpha-Pinene	1.22
13.957	Camphene	0.29
15.255	Sabinene	0.42
15.575	beta-Pinene	0.84
15.859	6-Methyl hept-5-en-2-one	2.44
16.202	Myrcene	1.49
16.287	dehydro-1,8-Cineole	0.08
16.366	Sulcatol	0.04
17.454	delta-3-Carene	0.02
17.970	alpha-Terpinene	0.01
18.456	1,3,8-p-Menthatriene	0.02
18.784	Limonene	12.51
18.972	1,8-cineole	0.63
19.153	cis-beta-Ocimene	0.03
19.855	trans-betaOcimene	0.05
20.670	gamma-Terpinene	0.03
21.491	cis-Linalool oxide (furanoid)	0.02
22.513	Terpinolene	0.06
22.915	Rosefuran	0.01
23.466	Linalool	1.35
24.998	trans-para-Mentha-2,8-dienol	0.02
25.767	cis-Limonene oxide	0.02
26.056	trans-Limonene oxide	0.04
26.466	exo-Isocitral	0.15
26.863	Unidentified	0.01
27.098	Citronellal	0.73
27.726	cis-Chrysanthenol	0.87
28.511	Borneol	0.06
29.038	trans-Isocitral	1.54
30.105	alpha-Terpineol	0.27
30.445	Unidentified	0.03
30.906	Unidentified	0.04
32.097	Nerol	0.57
32.275	Citronellol	0.12
33.142	Neral	30.79
33.868	Geraniol	0.92
34.128	Piperitone	0.02
35.191	Geranial	40.70
35.624	Perillaldehyde	0.03
36.003	trans-Carvone oxide	0.10
39.503	Unidentified	0.03
40.229	Geranic acid	0.09
40.355	alpha-Terpinyl acetate	0.03
40.626	Eugenol	0.05
42.326	alpha-Copaene	0.08
43.205	beta-Elemene	0.07
45.146	beta-Caryophyllene	0.74
45.990	trans-alpha-Bergamotene	0.02
47.201	trans-beta-Farnesene	0.05
47.395	alpha-Humulene	0.07
49.870	Bicyclogermacrene	0.03
50.616	beta-Bisabolene	0.05
51.328	(-)-alpha-Panasinsen	0.03
55.030	Caryophyllene oxide	0.09
		100.00