

Sample Information

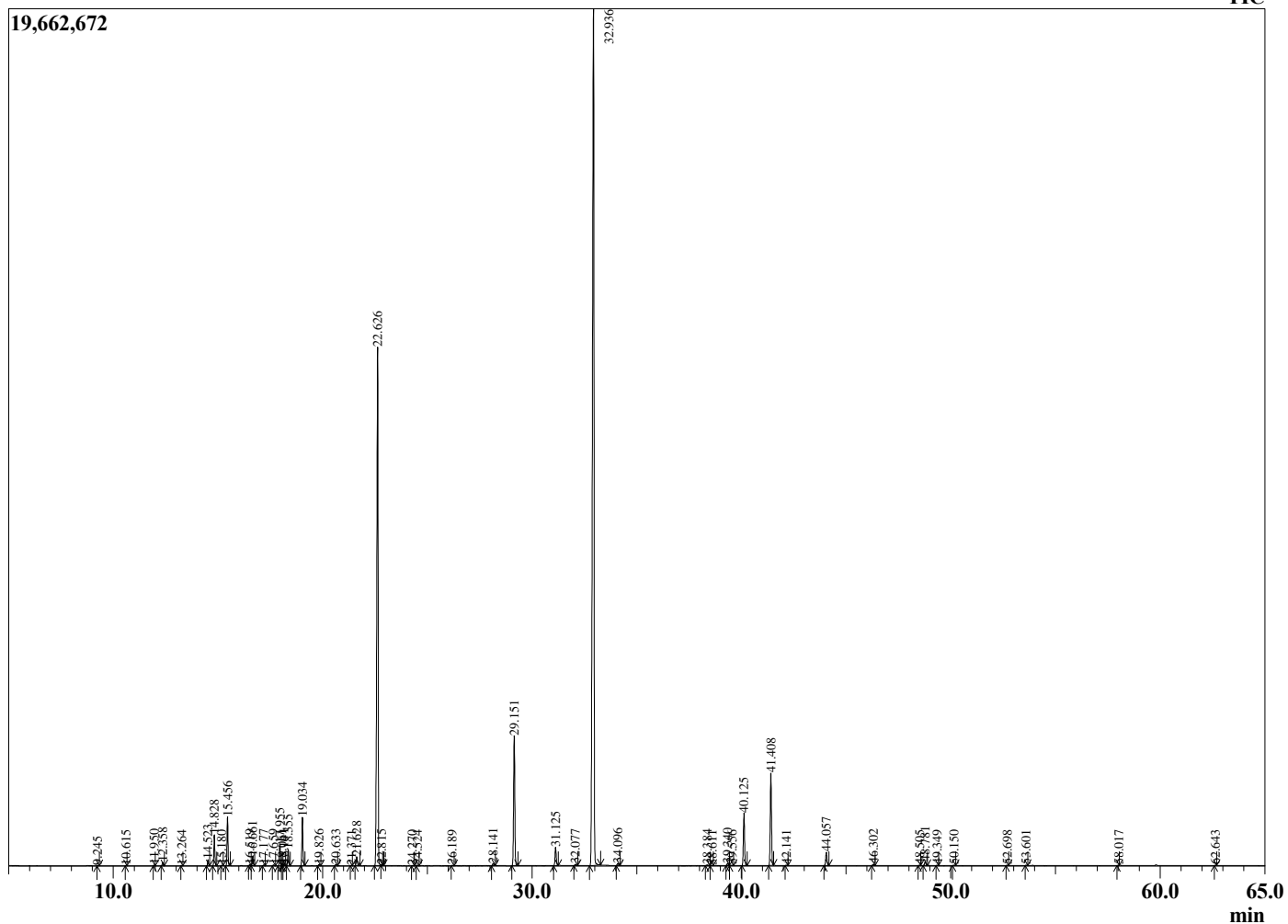
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 3/16/2021 1:42:43 AM
 Sample Type : Essential Oil
 Sample Name : Petitgrain - Edens Garden
 Sample ID : BB22AU
 Injection Volume : 0.10
 Instrument ID : GC-4



Peak Report TIC

R.Time	Name	Area%
9.245	Hexanol	0.01
10.615	Nonane	0.00
11.950	alpha-Thujene	0.02
12.358	alpha-Pinene	0.12
13.264	Camphene	0.01
14.523	Sabinene	0.21
14.828	beta-Pinene	1.12
15.180	6-Methyl hept-5-en-2-one	0.02
15.456	Myrcene	1.80
16.519	alpha-Phellandrene	0.03
16.661	delta-3-Carene	0.37
17.177	alpha-Terpinene	0.03
17.659	para-Cymene	0.04
17.955	Limonene	0.88
18.061	beta-Phellandrene	0.04
18.141	1,8-Cineole	0.07
18.355	(Z)-beta-Ocimene	0.63
19.034	(E)-beta-Ocimene	1.89
19.826	gamma-Terpinene	0.04
20.633	cis-Linalool oxide (furanoid)	0.05
21.371	Isoterpinolene	0.01
21.628	Terpinolene	0.41
22.626	Linalool	25.60
22.815	Hotrienol	0.01
24.270	Unidentified	0.01
24.524	allo-Ocimene	0.03
26.189	Citronellal	0.01
28.141	Terpinen-4-ol	0.11
29.151	alpha-Terpineol	5.97
31.125	Nerol	0.85
32.077	Neral	0.06
32.936	Linalyl acetate	51.48
34.096	Geranial	0.10
38.384	delta-Elemene	0.05
38.611	Unidentified	0.01
39.340	alpha-Terpinyl acetate	0.10
39.556	Citronellyl acetate	0.02
40.125	Neryl acetate	2.42
41.408	Geranyl acetate	4.34
42.141	beta-Elemene	0.02
44.057	trans-beta-Caryophyllene	0.65
46.302	alpha-Humulene	0.07
48.505	Viridiflorene	0.02
48.781	Bicyclogermacrene	0.19
49.349	(E,E)-alpha-Farnesene	0.01
50.150	delta-Cadinene	0.02
52.698	(E)-Nerolidol	0.02
53.601	Unidentified	0.01
58.017	Valerianol	0.02
62.643	Unidentified	0.01
		100.00

Chromatogram Petitgrain - Edens Garden



Comments:

The analysis of this Petitgrain batch sample meets the expected chemical profile for authentic essential oil of *Citrus aurantium*. 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.