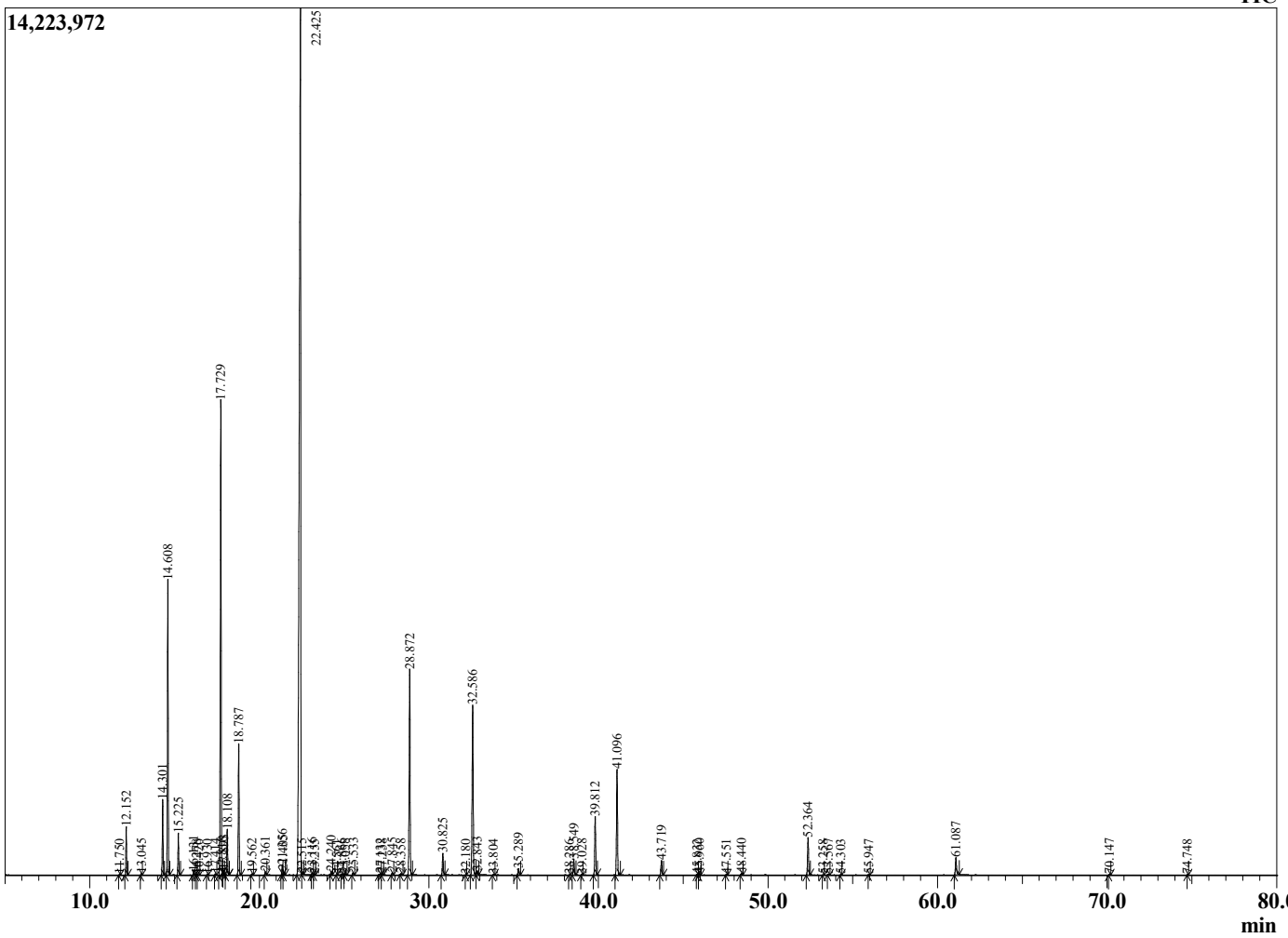
Sample Information

Analyzed by : Dr. Robert S. Pappas
Analyzed : 1/27/2024 8:48:45 PM
Sample Type : Essential Oil
Sample Name : Neroli EO Revive
Sample ID : 0R
Injection Volume : 0.10
Instrument ID: : GC-4

Chromatogram Neroli EO Revive



Peak Report TIC

R.Time	Name	Area%
11.750	alpha-Thujene	0.01
12.152	alpha-Pinene	1.15
13.045	Camphene	0.04
14.301	Sabinene	1.98
14.608	beta-Pinene	7.90
15.225	Myrcene	1.15
16.131	Pseudolimonene	0.11
16.278	alpha-Phellandrene	0.01
16.420	delta-3-Carene	0.01
16.930	alpha-Terpinene	0.02
17.414	para-Cymene	0.04
17.729	Limonene	14.45
17.818	beta-Phellandrene	0.00
17.893	1,8-Cineole	0.09
18.108	cis-beta-Ocimene	1.27
18.787	trans-beta-Ocimene	3.71
19.562	gamma-Terpinene	0.04
20.361	cis-Linalool oxide (furanoid)	0.10
21.356	Terpinolene	0.33
21.405	trans-Linalool oxide (furanoid)	0.12
22.425	Linalool	43.42
22.515	Hotrienol	0.03
23.116	Phenethyl alcohol	0.06
23.255	trans-4,8-Dimethyl nona-1,3,7-triene	0.02
24.240	allo-Ocimene	0.11
24.561	trans-Limonene oxide	0.01
24.866	Benzyl nitrile	0.02
25.058	neo-allo-Ocimene	0.05
25.533	Camphor	0.08
27.132	delta-Terpineol	0.04
27.238	Borneol	0.04
27.845	Terpinen-4-ol	0.08
28.358	Hex-(3Z)-enyl butyrate	0.04
28.872	alpha-Terpineol	7.02
30.825	Nerol	0.69
32.180	Carvone	0.00
32.586	Linalyl acetate + Geraniol	6.44
32.843	2-Phenethyl acetate	0.11
33.804	Geranial	0.02
35.289	Indole	0.22
38.286	delta-Elemene	0.01
38.549	Methyl anthranilate	0.54
39.028	alpha-Terpinyl acetate	0.03
39.812	Neryl acetate	2.00
41.096	Geranyl acetate	3.72
43.719	beta-Caryophyllene	0.54
45.832	trans-beta-Farnesene	0.01
45.960	alpha-Humulene	0.04
47.551	Germacrene D	0.01
48.440	Bicyclogermacrene	0.05
52.364	trans-Nerolidol	1.29
53.258	Spathulenol	0.01
53.567	Caryophyllene oxide	0.03
54.303	Unidentified	0.01
55.947	Unidentified	0.01
61.087	(2E,6E)-Farnesol	0.65
70.147	Unidentified	0.03
74.748	Unidentified	0.01
		100.00

Comments:

The analysis of this Neroli
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.

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