

Sample Information

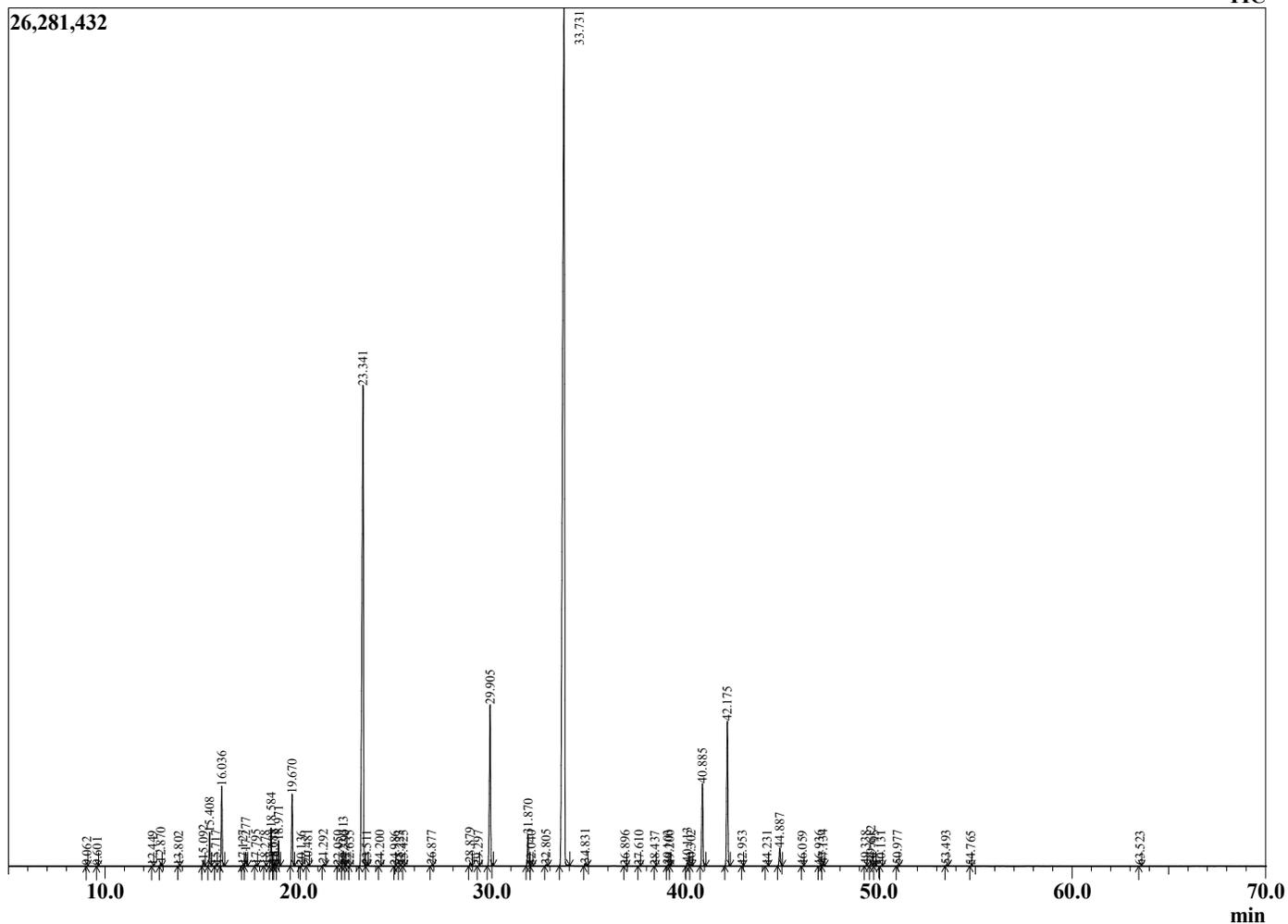
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 3/5/2022 3:19:46 PM
 Sample Type : Essential Oil
 Sample Name : Petitgrain Oil, Pure - Revive
 Sample ID : 0K
 Injection Volume : 0.10
 Instrument ID: : GC-3



Peak Report TIC

R.Time	Name	Area%
3.052	Ethanol	0.04
9.062	Hex-(3Z)-enol	0.01
9.601	Hexanol	0.01
12.449	alpha-Thujene	0.01
12.870	alpha-Pinene	0.09
13.802	Camphene	0.00
15.092	Sabinene	0.17
15.408	beta-Pinene	0.92
15.717	6-Methyl hept-5-en-2-one	0.02
16.036	Myrcene	2.26
17.127	alpha-Phellandrene	0.03
17.277	delta-3-Carene	0.40
17.795	alpha-Terpinene	0.04
18.278	para-Cymene	0.02
18.584	Limonene	1.15
18.688	beta-Phellandrene	0.05
18.772	1,8-Cineole	0.06
18.971	cis-beta-Ocimene	0.74
19.670	trans-beta-Ocimene	2.16
20.136	Terpinene analogue	0.00
20.481	gamma-Terpinene	0.05
21.292	cis-Linalool oxide (furanoid)	0.05
22.050	Isoterpinolene	0.01
22.313	Terpinolene	0.48
22.390	trans-Linalool oxide (furanoid)	0.01
22.635	para-Cymenene	0.00
23.341	Linalool	21.37
23.511	Hotrienol	0.03
24.200	trans-4,8-Dimethylnona-1,3,7-triene	0.01
24.986	cis-para-Menth-2-en-1-ol	0.00
25.223	allo-Ocimene	0.02
25.425	Unidentified	0.00
26.877	Citronellal	0.02
28.879	Terpinen-4-ol	0.10
29.297	para-Cymen-8-ol	0.01
29.905	alpha-Terpineol	5.70
31.870	Nerol	1.07
32.040	Citronellol	0.02
32.805	Neral	0.05
33.731	Linalyl acetate + Geraniol	53.35
34.831	Geranial	0.08
36.896	Geranyl formate	0.01
37.610	4-Vinyl guaiacol	0.01
38.437	Methyl geranate	0.01
39.103	Linalyl propionate	0.04
39.200	delta-Elementene	0.01
40.113	alpha-Terpinyl acetate	0.11
40.302	Citronellyl acetate	0.03
40.885	Neryl acetate	2.92
42.175	Geranyl acetate	5.22
42.953	beta-Elementene	0.01
44.231	Dodecanal	0.02
44.887	trans-beta-Caryophyllene	0.66
46.059	Aromadendrene	0.01
46.936	trans-beta-Farnesene	0.01
47.134	alpha-Humulene	0.06
49.338	Viridiflorene	0.02
49.612	Bicyclogermacrene	0.17
49.795	alpha-Murolene	0.01
50.131	trans,trans-alpha-Farnesene	0.01
50.977	delta-Cadinene	0.03
53.493	trans-Nerolidol	0.03

Chromatogram Petitgrain Oil, Pure - Revive



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.

R.Time	Name	Area%
54.765	Caryophyllene oxide	0.01
63.523	Unidentified	0.01
		100.00