

Sample Information

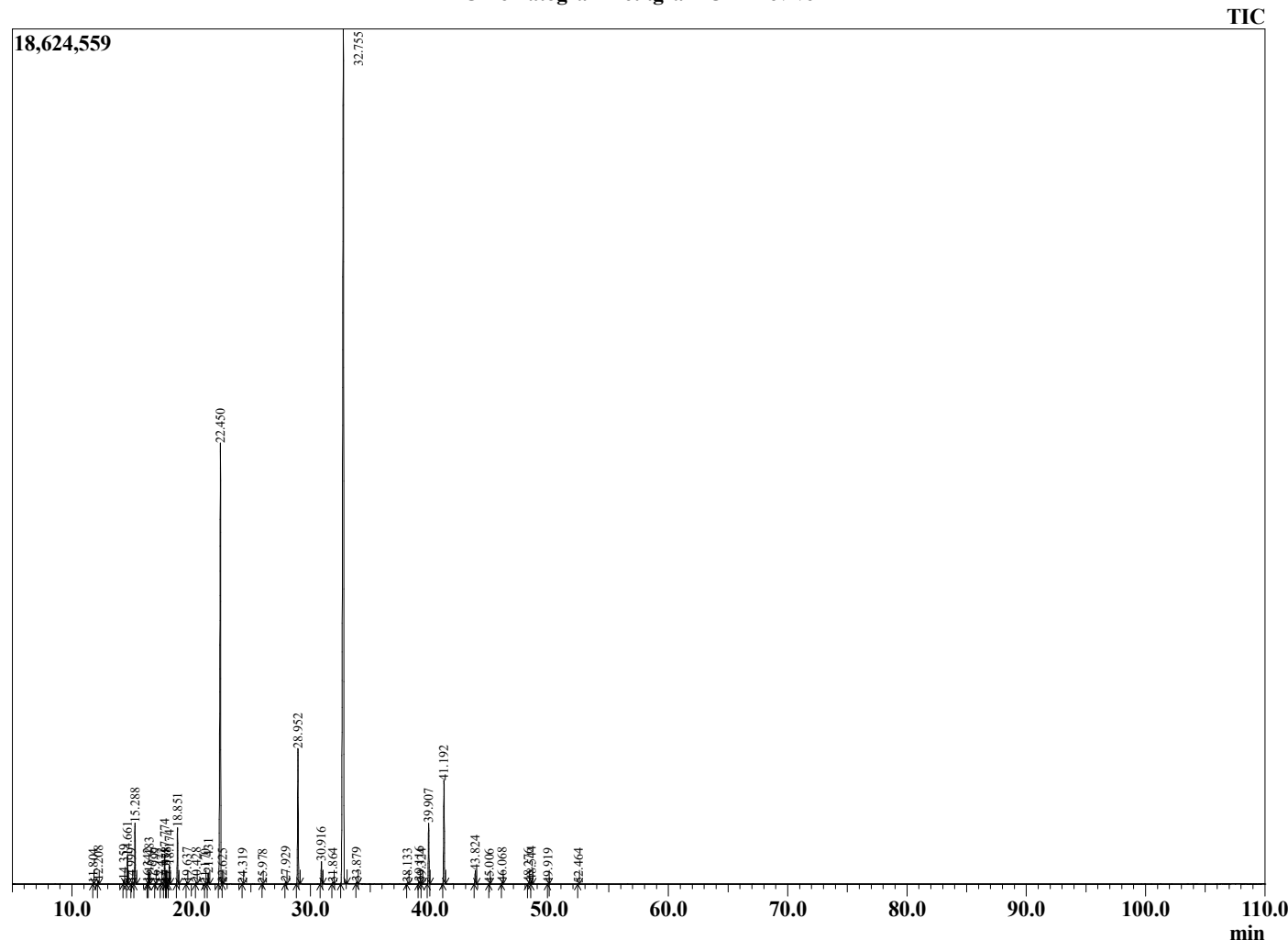
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 3/14/2023 6:54:44 PM
 Sample Type : Essential Oil
 Sample Name : Petitgrain Oil - Revive
 Sample ID : 0K
 Injection Volume : 0.10
 Instrument ID: : GC-4



Peak Report TIC

R.Time	Name	Area%
4.135	unidentified	0.01
11.804	alpha-Thujene	0.01
12.208	alpha-Pinene	0.09
14.359	Sabinene	0.14
14.661	beta-Pinene	0.90
14.999	6-methyl-Hept-5-en-2-one	0.02
15.288	Myrcene	1.99
16.342	alpha-Phellandrene	0.03
16.483	delta-3-Carene	0.40
16.999	alpha-Terpinene	0.04
17.472	para-Cymene	0.02
17.774	Limonene	1.06
17.878	beta-Phellandrene	0.04
17.958	1,8-Cineole	0.05
18.174	cis-beta-Ocimene	0.66
18.851	trans-beta-Ocimene	1.97
19.637	gamma-Terpinene	0.05
20.428	cis-Linalool oxide	0.05
21.170	Isoterpinolene	0.01
21.431	Terpinolene	0.43
22.450	Linalool	20.88
22.625	Hotrienol	0.03
24.319	allo-Ocimene	0.02
25.978	Citronellal	0.00
27.929	Terpinen-4-ol	0.10
28.952	alpha-Terpineol	5.66
30.916	Nerol	0.90
31.864	Neral	0.05
32.755	Linalyl acetate + Geraniol	56.16
33.879	Geranial	0.08
38.133	Linalyl propionate	0.05
39.116	alpha-Terpinyl acetate	0.11
39.324	Citronellyl acetate	0.03
39.907	Neryl acetate	2.56
41.192	Geranyl acetate	4.49
43.824	beta-Caryophyllene	0.61
45.006	9-epi-trans-Caryophyllene	0.01
46.068	alpha-Humulene	0.06
48.276	Viridiflorene	0.03
48.544	Bicyclogermacrene	0.13
49.919	delta-Cadinene	0.02
52.464	trans-Nerolidol	0.03
		100.00

Chromatogram Petitgrain Oil - 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.