

Sample Information

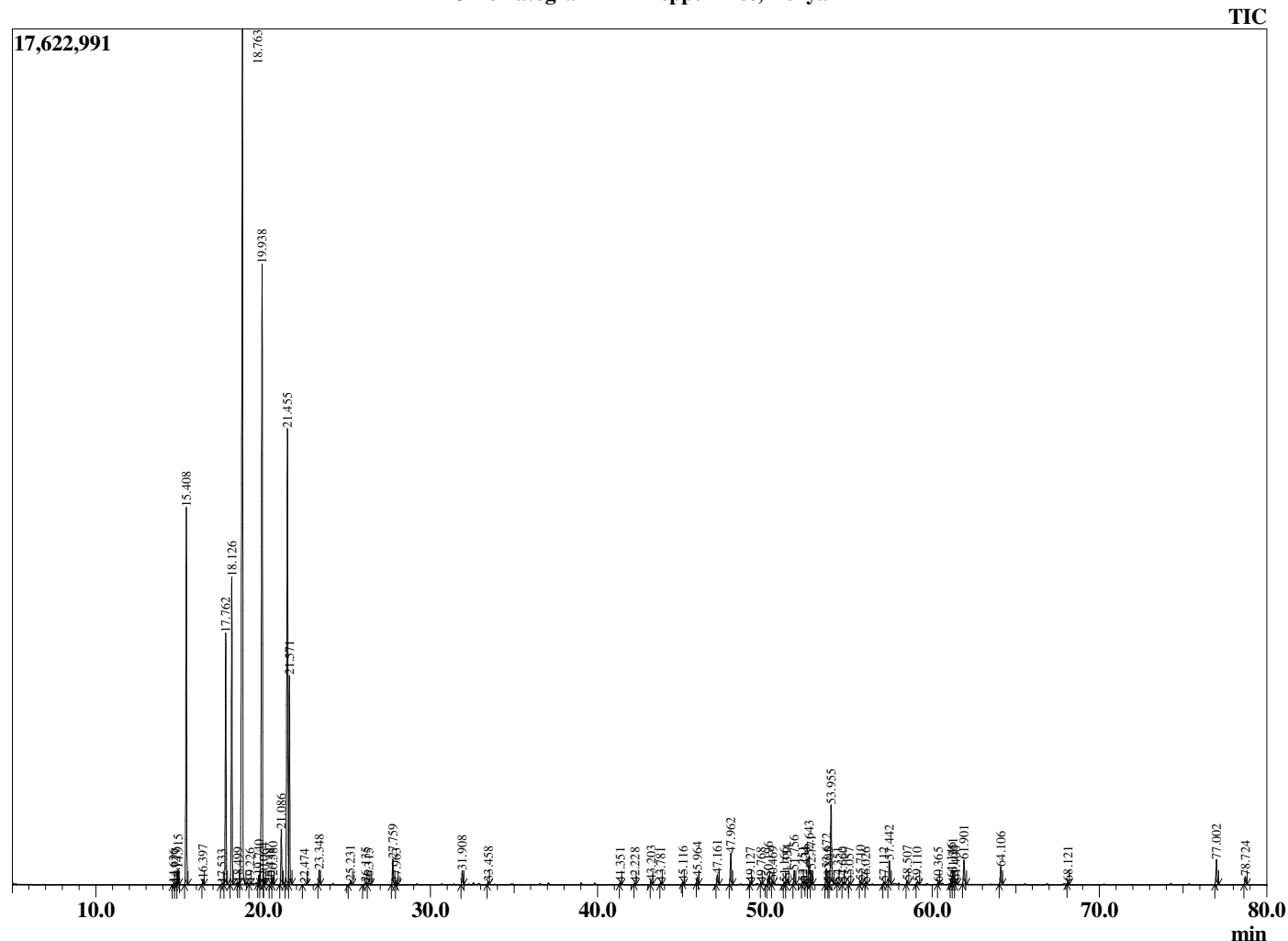
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 10/13/2018 2:54:25 AM
 Sample Type : Essential Oil
 Sample Name : Pink Pepper Tree, Kenya
 Sample ID : D0B1009AE
 Injection Volume : 0.10
 Instrument ID: : GC-3



Peak Report TIC

R.Time	Name	Area%
14.636	Hashishene	0.01
14.777	Tricyclene	0.02
14.915	alpha-Thujene	0.33
15.408	alpha-Pinene	8.43
16.397	Camphene	0.11
17.533	Unidentified	0.02
17.762	Sabinene	5.98
18.126	beta-Pinene	7.33
18.499	3-p-Menthene	0.03
18.763	Myrcene	26.67
19.226	Ethyl capronate	0.03
19.740	Pseudolimonene	0.22
19.938	alpha-Phellandrene	17.34
20.064	3-Carene	0.15
20.438	1,4-Cineole	0.02
20.580	alpha-Terpinene	0.18
21.086	para-Cymene	1.38
21.455	Limonene	13.60
21.571	beta-Phellandrene	4.88
22.474	E-beta-Ocimene	0.01
23.348	gamma-Terpinene	0.36
25.231	Terpinolene	0.13
26.135	Linalool	0.08
26.315	cis-Sabinene hydrate	0.03
27.759	Methyl octanoate	0.66
27.963	trans-p-Menth-2-en-1-ol	0.04
31.908	Terpinen-4-ol	0.38
33.458	alpha-Phellandrene epoxide	0.08
41.351	Methyl geranate	0.04
42.228	delta-Elementene	0.03
43.203	Citronellyl acetate	0.11
43.781	Neryl acetate	0.06
45.116	alpha-Cubebene	0.04
45.964	beta-Elementene	0.18
47.161	alpha-Gurjunene	0.30
47.962	beta-Caryophyllene	0.94
49.127	beta-Copaene	0.06
49.768	trans-Muurolo-3,5-diene	0.04
50.196	alpha-Humulene	0.22
50.469	Alloaromadendrene	0.07
51.166	cis-Muurolo-4(14),5-diene	0.06
51.334	trans-Cadin-1(6),4-diene	0.15
51.756	Germacrene D	0.41
52.251	beta-Selinene	0.07
52.434	trans-Muurolo-4(14),5-diene	0.03
52.643	Bicyclogermacrene	0.90
52.771	alpha-Muuroloene	0.41
53.672	gamma-Cadinene	0.47
53.805	Unidentified	0.04
53.955	delta-Cadinene	2.49
54.351	Unidentified	0.04
54.660	Neryl butyrate	0.05
55.057	alpha-Cadinene	0.07
55.710	alpha-Elementol	0.11
56.026	Geranyl butyrate	0.04
57.112	di-epi-Palustrol	0.07
57.442	Germacrene D-4-ol	0.74
58.507	Viridiflorol	0.11
59.110	Ledol	0.10
60.365	1-epi-Cubenol	0.04
61.146	tau-Cadinol	0.18
61.251	delta-Cadinol	0.35

Chromatogram Pink Pepper Tree, Kenya



Comments:

The analysis of this Pink Pepper Tree, Kenya batch sample meets the expected chemical profile for authentic essential oil of

Schinus molle. 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%
61.406	epi-alpha-Cadinol	0.11
61.901	alpha-Cadinol	0.78
64.106	6-epi-Shyobunol	0.54
68.121	Unidentified	0.07
77.002	beta-Springene	0.78
78.724	alpha-Springene	0.25
		100.00