

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 : DOB1009AE
 Injection Volume : 0.10
 Instrument ID: : GC-3

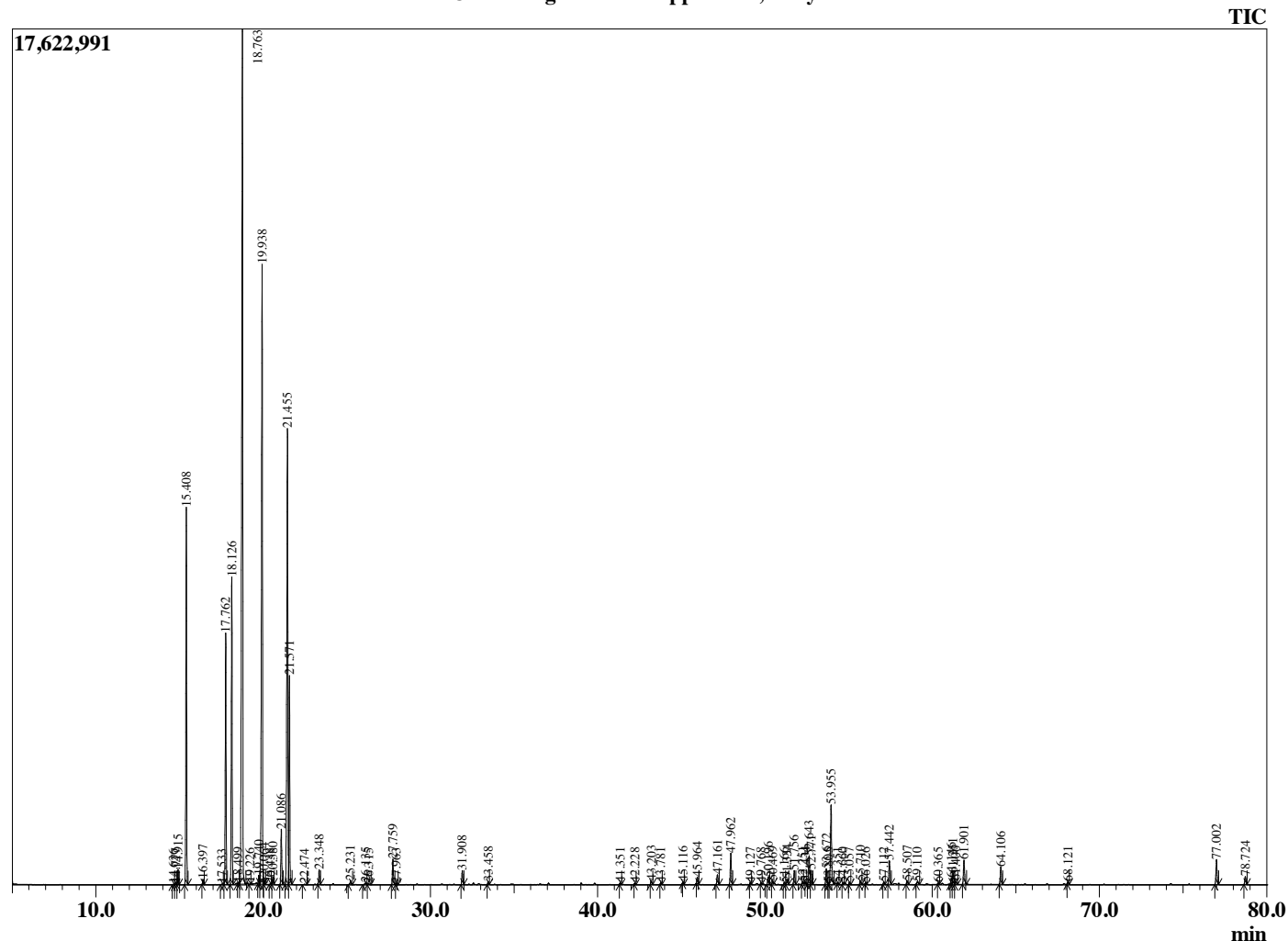
This report is valid for 1 year from the analyzed date.



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-Cadina-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

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