

Sample Information

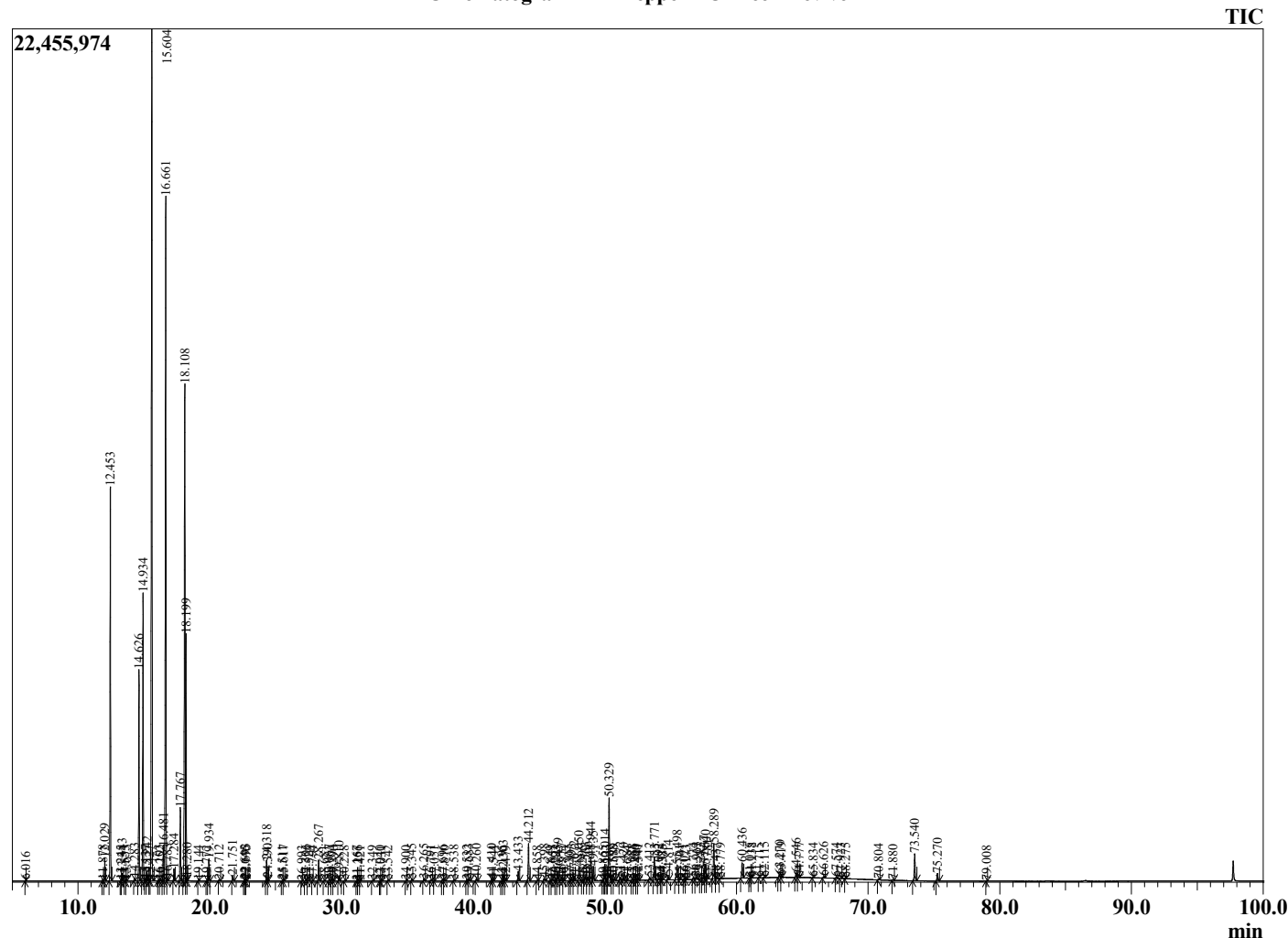
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 03/11/2024 11:35:07 AM
 Sample Type : Essential Oil
 Sample Name : Pink Pepper EO Tree
 Sample ID : 2E
 Injection Volume : 0.10
 Instrument ID: : GC-3



Peak Report TIC

R.Time	Name	Area%
6.016	Toluene	0.01
11.878	Tricyclene	0.02
12.029	alpha-Thujene	0.44
12.453	alpha-Pinene	8.16
13.245	alpha-Fenchene	0.01
13.343	Camphene	0.15
13.553	Unidentified	0.00
13.673	Unidentified	0.02
14.283	Unidentified	0.06
14.626	Sabinene	4.68
14.934	beta-Pinene	6.46
15.137	Unidentified	0.04
15.242	Camphene isomer	0.22
15.427	3-para-Menthene	0.01
15.604	Myrcene	23.36
16.103	Ethyl hexanoate	0.02
16.252	Unidentified	0.01
16.481	Pseudolimonene	0.80
16.661	alpha-Phellandrene	17.64
16.783	delta-3-Carene	0.05
17.284	alpha-Terpinene	0.27
17.767	para-Cymene	1.75
18.108	Limonene	14.27
18.199	beta-Phellandrene	5.09
18.280	1,8-Cineole	0.02
19.144	trans-beta-Ocimene	0.02
19.772	Isopentyl butyrate	0.01
19.934	gamma-Terpinene	0.53
20.712	trans-Sabinene hydrate	0.03
21.751	Terpinolene	0.15
22.645	Unidentified	0.01
22.693	Linalool	0.06
22.776	cis-Sabinene hydrate	0.02
24.318	Methyl octanoate	0.54
24.390	cis-para-Menth-2-en-1-ol	0.03
25.511	trans-Pinocarveol	0.01
25.617	trans-Sabinene hydrate	0.03
26.993	Pinocarvone	0.01
27.306	Octanoic acid	0.04
27.524	Unidentified	0.02
27.794	Unidentified	0.02
28.267	Terpinen-4-ol	0.57
28.681	Cryptone	0.01
29.067	Methyl 6-methyloctanoate	0.03
29.274	alpha-Terpineol	0.06
29.390	Unidentified	0.01
29.810	alpha-Phellandrene epoxide	0.14
30.228	trans-Piperitol	0.02
31.167	Unidentified	0.01
31.256	Nerol	0.01
31.421	Citronellol	0.01
32.349	Unidentified	0.02
32.940	Carvotanacetone	0.01
33.031	Geraniol	0.02
33.542	Methyl citronellate	0.02
34.900	Phellandral	0.01
35.345	Bornyl acetate	0.05
36.265	Carvacrol	0.06
36.791	Unidentified	0.03
37.051	Unidentified	0.01
37.696	Unidentified	0.06
37.810	Methyl geranate	0.02

Chromatogram Pink Pepper EO Tree - Revive



Comments:

The analysis of this (Pink Pepper EO Tree) batch sample meets the expected chemical 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.

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R.Time	Name	Area%
38.538	delta-Elemene	0.03
39.532	alpha-Cubebene	0.04
39.683	Citronellyl acetate	0.06
40.260	Neryl acetate	0.07
41.410	alpha-Copaene	0.07
41.544	Geranyl acetate	0.02
42.195	beta-Cubebene	0.02
42.303	beta-Elemene	0.18
42.479	Unidentified	0.02
43.433	alpha-Gurjunene	0.28
44.212	trans-beta-Caryophyllene	1.06
44.858	beta-Copaene	0.02
45.398	Aromadendrene	0.08
45.849	cis-Murrola-4(14),5-diene	0.02
46.055	Cadina-3,5-diene	0.07
46.293	Valerena-4,7(11)-diene	0.01
46.459	alpha-Humulene	0.23
46.737	Alloaromadendrene	0.11
46.871	cis-Muurolo-4(14),5-diene	0.03
47.307	Unidentified	0.01
47.493	trans-Cadina-1(6),4-diene	0.08
47.672	gamma-Muuroloene	0.15
48.050	Germacrene D	0.43
48.295	Cadina-1(6),4-diene	0.01
48.533	beta-Selinene	0.13
48.706	Viridiflorene + gamma-Amorphene	0.12
48.944	Bicyclogermacrene	0.73
49.135	alpha-Muuroloene	0.42
49.855	Unidentified	0.01
50.014	gamma-Cadinene	0.49
50.133	Cubebol	0.03
50.329	delta-Cadinene	2.50
50.598	Unidentified	0.03
50.689	Unidentified	0.06
51.172	trans-Cadina-1,4-diene	0.09
51.420	alpha-Cadinene	0.08
51.684	Unidentified	0.00
52.088	alpha-Elemol	0.04
52.266	Unidentified	0.02
52.440	Unidentified	0.02
52.541	Geranyl butyrate	0.05
53.412	Palustrol	0.09
53.771	Spathulenol	0.69
54.092	Caryophyllene oxide	0.07
54.314	Unidentified	0.02
54.385	Unidentified	0.02
54.814	Viridiflorol	0.14
55.498	Ledol + Unidentified	0.53
55.701	Unidentified	0.01
56.021	1,10-di-epi-Cubenol	0.03
56.173	Unidentified	0.01
56.734	Epicubenol	0.06
56.963	Dehydroxy-isocalamendiol analogue	0.10
57.282	Humulane-1,6-dien-3-ol	0.02
57.537	epi-alpha-Cadinol	0.27
57.640	epi-alpha-Muurolol	0.47
57.781	alpha-Muurolol	0.15
58.289	Cadin-4-en-10-ol	1.10
58.437	Unidentified	0.03
58.779	Unidentified	0.02
60.436	Shyobunol	0.47
61.015	Unidentified	0.01
61.138	Unidentified	0.01

R.Time	Name	Area%
61.715	Unidentified	0.01
62.115	Geraniol hexanoate isomer	0.03
63.270	Unidentified	0.09
63.419	Geraniol hexanoate isomer	0.03
64.546	Unidentified	0.14
64.777	Unidentified	0.01
65.834	Unidentified	0.01
66.626	Unidentified	0.04
67.574	Unidentified	0.03
67.923	Unidentified	0.02
68.275	Unidentified	0.01
70.804	Camphorene isomer	0.03
71.880	Camphorene isomer	0.02
73.540	meta-Camphorene	0.82
75.270	para-Camphorene	0.24
79.008	Unidentified	0.01
		100.00