

Sample Information

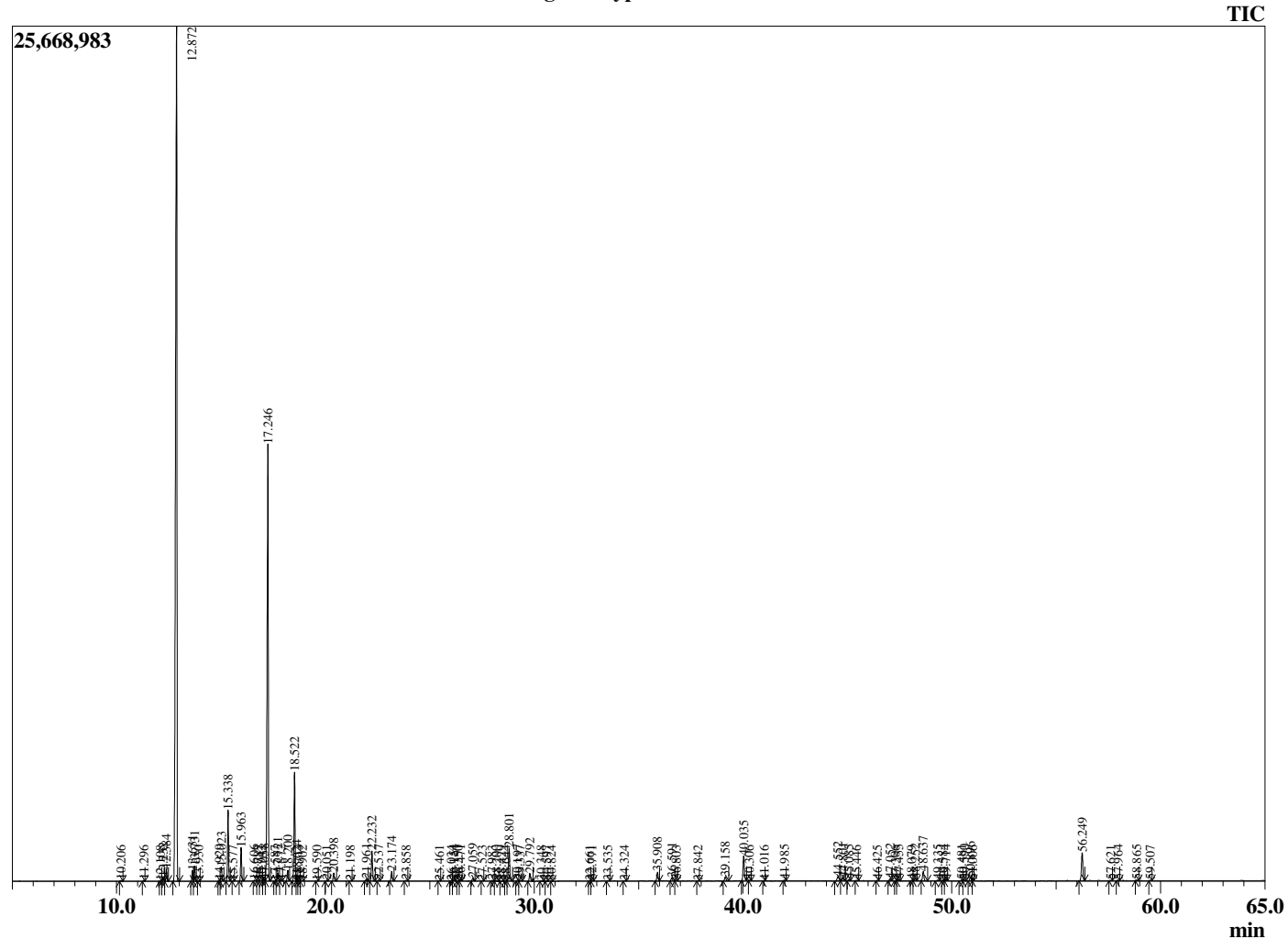
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 3/6/2021 10:17:03 PM
 Sample Type : Essential Oil
 Sample Name : Cypress - Eden's Garden
 Sample ID : BB22AI
 Injection Volume : 0.10
 Instrument ID : GC-3



Peak Report TIC

R.Time	Name	Area%
10.206	Santene	0.04
11.296	Bornylene	0.03
12.108	Hashishene	0.03
12.232	Tricyclene	0.16
12.384	alpha-Thujene	0.51
12.872	alpha-Pinene	52.31
13.631	alpha-Fenchene	0.44
13.731	Camphene	0.61
13.930	Thuja-2,4(10)diene	0.02
14.929	Unidentified	0.06
15.023	Sabinene	0.61
15.338	beta-Pinene	3.02
15.577	Unidentified	0.01
15.963	Myrcene	1.44
16.606	Unidentified	0.04
16.782	Phellandrene isomer	0.02
16.942	Unidentified	0.02
17.058	alpha-Phellandrene	0.09
17.246	delta-3-Carene	22.54
17.587	1,4-Cineole	0.02
17.721	alpha-Terpinene	0.36
17.872	meta-Cymene	0.05
18.200	para-Cymene	0.50
18.522	Limonene	5.05
18.624	beta-Phellandrene	0.25
18.713	1,8-Cineole	0.04
18.902	(Z)-beta-Ocimene	0.01
19.590	(E)-beta-Ocimene	0.02
20.051	Unidentified	0.03
20.398	gamma-Terpinene	0.39
21.198	cis-Linalool oxide (furanoid)	0.01
21.961	Isoterpinolene	0.09
22.232	Terpinolene	1.46
22.537	para-Cymenene	0.04
23.174	Linalool	0.47
23.858	Unidentified	0.03
25.461	cis-Limonene oxide	0.01
26.034	trans-Pinocarveol	0.02
26.154	Epoxyterpinolene	0.05
26.350	trans-Verbenol	0.02
26.471	Camphor	0.06
27.059	Unidentified	0.15
27.523	Unidentified	0.02
27.983	Thujen-2-one	0.04
28.200	Borneol	0.05
28.429	Unidentified	0.02
28.644	Unidentified	0.01
28.801	Terpinen-4-ol	1.80
29.197	para-Cymen-8-ol	0.06
29.337	Unidentified	0.04
29.792	alpha-Terpineol	0.42
30.348	Unidentified	0.02
30.597	Verbenone	0.02
30.824	Unidentified	0.01
32.661	Unidentified	0.02
32.771	Thymol methyl ether	0.02
33.535	Unidentified	0.02
34.324	Unidentified	0.02
35.908	Bornyl acetate	0.48
36.591	Unidentified	0.18
36.803	Unidentified	0.03
37.842	Unidentified	0.01

Chromatogram Cypress - Eden's Garden



Comments:

The analysis of this Cypress batch sample meets the expected chemical profile for authentic essential oil of *Cupressus sempervirens*. 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%
39.158	Unidentified	0.24
40.035	alpha-Terpinyl acetate	1.43
40.306	Eugenol	0.01
41.016	Unidentified	0.01
41.985	alpha-Copaene	0.03
44.552	alpha-Cedrene	0.35
44.801	trans-beta-Caryophyllene	0.18
45.085	beta-Cedrene	0.08
45.446	beta-Copaene	0.02
46.425	Unidentified	0.01
47.052	alpha-Humulene	0.11
47.306	Unidentified	0.01
47.455	cis-Cadina-1(6),4-diene	0.09
48.079	Unidentified	0.02
48.252	trans-Cadina-1(6),4-diene	0.12
48.637	Germacrene D	0.56
49.335	trans-Murrola-4(14),5-diene	0.04
49.584	Unidentified	0.03
49.714	alpha-Murolene	0.05
50.481	alpha-Alaskene	0.06
50.590	gamma-Cadinene	0.06
50.896	delta-Cadinene	0.21
51.006	Unidentified	0.02
56.249	Cedrol	1.71
57.621	Unidentified	0.02
57.964	Unidentified	0.03
58.865	alpha-Cadinol	0.04
59.507	Unidentified	0.02
		100.00