

Sample Information

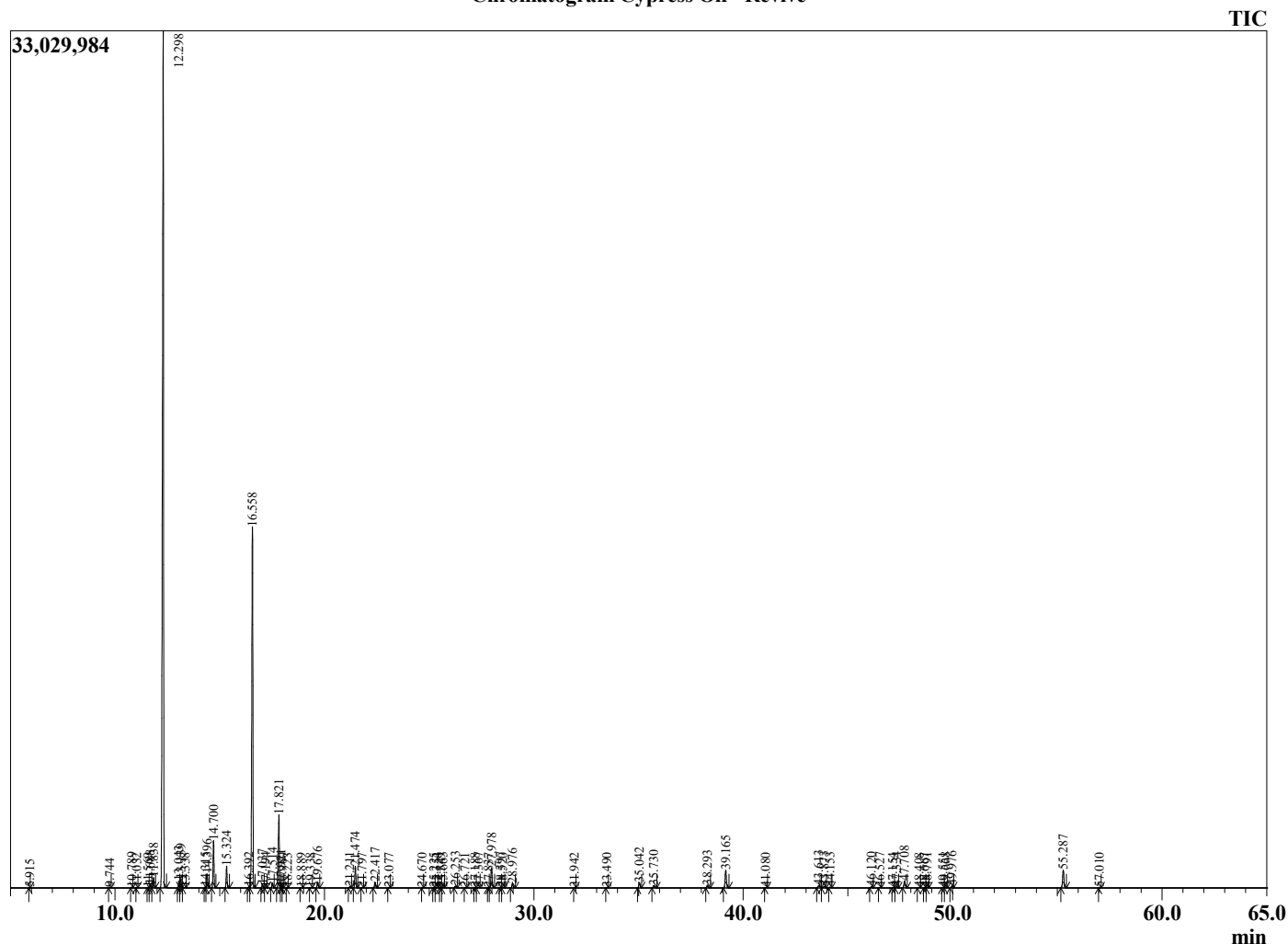
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 10/20/2022 8:55:26 PM
 Sample Type : Essential Oil
 Sample Name : Cypress Oil - Revive
 Sample ID : 2M
 Injection Volume : 0.10
 Instrument ID: : GC-4



Peak Report TIC

R.Time	Name	Area%
5.915	Toluene	0.00
9.744	Santene	0.04
10.789	Bornylene	0.03
11.032	2,6-Dimethyl-4-Octene	0.01
11.569	Hashishene	0.02
11.688	Tricyclene	0.16
11.838	alpha-Thujene	0.52
12.298	alpha-Pinene	56.86
13.043	alpha-Fenchene	0.37
13.139	Camphene	0.46
13.338	Thuja-2,4(10)-diene	0.02
14.315	Cymene analogue	0.05
14.396	Sabinene	0.74
14.700	beta-Pinene	2.56
15.324	Myrcene	1.21
16.392	alpha-Phellandrene	0.05
16.558	delta-3-Carene	22.33
17.037	alpha-Terpinene	0.22
17.194	ortho-Cymene	0.03
17.514	para-Cymene	0.32
17.821	Limonene	4.33
17.921	beta-Phellandrene	0.21
17.980	1,8-Cineole	0.01
18.223	cis-beta-Ocimene	0.01
18.889	trans-beta-Ocimene	0.02
19.338	Unidentified	0.03
19.676	gamma-Terpinene	0.36
21.211	Isoterpinolene	0.08
21.474	Terpinolene	1.32
21.797	para-Cymenene	0.03
22.417	Linalool	0.37
23.077	Unidentified	0.02
24.670	cis-para-Mentha-2,8-dien-1-ol	0.01
25.225	trans-Pinocarveol	0.02
25.354	Epoxyterpinolene	0.02
25.549	trans-Verbenol	0.01
25.663	Camphor	0.04
26.253	Karahanaenone	0.12
26.721	para-Mentha-1,5-dien-8-ol	0.01
27.188	Umbellulone	0.02
27.367	Borneol	0.03
27.837	Unidentified	0.01
27.978	Terpinen-4-ol	1.47
28.397	para-Cymen-8-ol	0.03
28.520	Unidentified	0.03
28.976	alpha-Terpineol	0.30
31.942	Thymol methyl ether	0.01
33.490	Plinyl acetate	0.01
35.042	Bornyl acetate	0.39
35.730	Unidentified	0.17
38.293	Ocimenyl acetate	0.21
39.165	alpha-Terpinyl acetate	1.34
41.080	alpha-Copaene	0.03
43.613	beta-Funebrene analogue + alpha-Cedrene	0.26
43.873	beta-Caryophyllene	0.14
44.153	beta-Cedrene	0.06
46.120	alpha-Humulene	0.10
46.527	cis-Cadina-1(6),4-diene	0.04
47.154	cis-Murrola-4(14),5-diene	0.01
47.334	trans-Cadina-1(6),4-diene	0.08
47.708	Germacrene D	0.53
48.408	trans-Murrola-4(14),5-diene	0.03

Chromatogram Cypress Oil - Revive



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%
48.667	Epizonarene	0.02
48.791	alpha-Muurolene	0.04
49.551	alpha-Alaskene	0.05
49.668	gamma-Cadinene	0.04
49.976	delta-Cadinene	0.15
55.287	Cedrol	1.39
57.010	Unidentified	0.01
		100.00