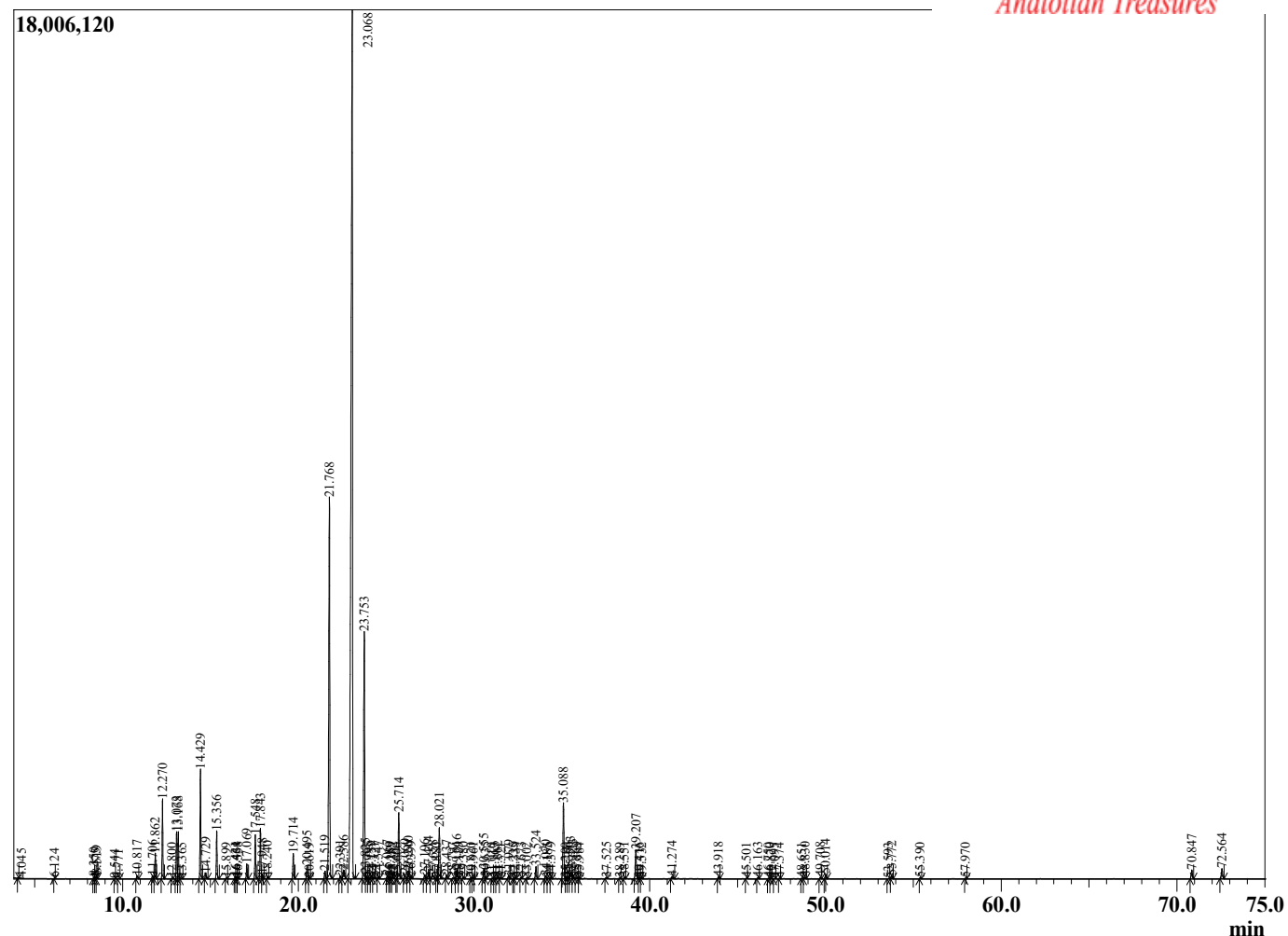


Sample Information

Sample Type : Essential Oil
Sample Name : Thuja occidentalis
Injection Volume : 0.10

Cedar Leaf Oil
Lot# CAN11-NE
Country: Canada

Chromatogram Thuja occidentalis ThuOcc2



Peak Report TIC		
R.Time	Name	Area%
4.045	Unidentified	0.01
6.124	Unidentified	0.01
8.350	Ethyl 2-methylbutyrate	0.04
8.475	cis-Salvene	0.03
8.519	Ethyl isovalerate	0.09
9.544	2-Methylbutyl acetate	0.01
9.771	Unidentified	0.02
10.817	Bornylene + ortho-Xylene	0.12
11.706	Tricyclene	0.10
11.862	alpha-Thujene	0.65
12.270	alpha-Pinene	2.03
12.800	Thujadiene analogue	0.01
13.073	alpha-Fenchene	1.30
13.168	Camphene	1.28
13.365	Thuja-2,4(10)-diene	0.02
14.429	Sabinene	3.03
14.729	beta-Pinene + 1-Octen-3-ol	0.20
15.356	Myrcene	1.38
15.899	Ethyl hexanoate	0.03
16.421	alpha-Phellandrene	0.05
16.464	2-Methyl anisole	0.05
16.558	delta-3-Carene	0.03
17.069	alpha-Terpinene	0.45
17.548	para-Cymene	1.31
17.843	Limonene	1.56
17.948	beta-Phellandrene	0.14
18.240	5-Methyl-5-octen-2-one	0.07
19.714	gamma-Terpinene	0.79
20.495	trans-Sabinene hydrate	0.44
20.619	Pinol	0.02
21.519	Terpinolene	0.27
21.768	Fenchone	13.80
22.391	Perillene	0.11
22.586	Linalool + cis-Sabinene hydrate	0.45
23.068	alpha-Thujone	47.07
23.753	beta-Thujone	8.97
23.825	endo-Fenchol	0.10
23.995	Unidentified	0.03
24.159	cis-para-Menth-2-en-1-ol	0.08
24.321	Unidentified + alpha-Campholenal	0.04
24.547	Unidentified	0.06
25.067	Isothujol	0.10
25.189	trans-Sabinol	0.05
25.269	trans-Pinocarveol	0.03
25.382	trans-para-Menth-2-en-1-ol	0.06
25.600	trans-Verbenol	0.01
25.714	Camphor	2.33
26.060	Neothujol	0.15
26.260	Camphene hydrate	0.27
26.399	Sabina ketone	0.07
27.196	Thujol	0.15
27.414	Borneol	0.25
27.658	trans-Isopulegone	0.16
27.880	Unidentified	0.01
28.021	Terpinen-4-ol	1.83
28.437	para-Cymen-8-ol	0.11

R.Time	Name	Area%
28.797	Myrtenol	0.05
29.016	alpha-Terpineol	0.34
29.129	Ethyl octanoate	0.04
29.380	Unidentified	0.06
29.820	Verbenone	0.03
29.961	trans-Piperitol	0.04
30.555	Fenchyl acetate	0.38
30.635	trans-Carveol	0.03
31.010	Thymol methyl ether analogue	0.01
31.163	Citronellol	0.02
31.362	Thymol methyl ether	0.07
31.521	trans-Chrysanthenyl acetate	0.04
31.979	Carvacryl methyl ether	0.13
32.235	Cuminaldehyde	0.02
32.339	Carvone	0.04
32.673	Carvotanacetone	0.04
33.002	Piperitone	0.03
33.524	Thujyl acetate analogue	0.45
34.070	Thujyl acetate analogue	0.11
34.185	Unidentified	0.02
34.379	cis-Ascaridol glycol	0.04
35.088	Bornyl acetate	2.79
35.366	trans-Sabinyl acetate	0.05
35.503	Thujyl acetate	0.31
35.200	Unidentified	0.02
35.623	Menthyl acetate	0.16
35.869	Terpin-1-en-4-yl acetate	0.05
35.984	Carvacrol	0.02
37.525	Unidentified	0.04
38.289	gamma-Terpinyl acetate	0.02
38.551	Ocimenyl acetate analogue	0.05
39.207	alpha-Terpinyl acetate	1.08
39.416	Citronellyl acetate	0.02
39.532	Ocimenyl acetate analogue	0.03
41.274	Geranyl acetate	0.10
43.918	trans-beta-Caryophyllene	0.07
45.501	trans-Cinnamyl acetate	0.02
46.163	alpha-Humulene	0.04
46.750	Unidentified	0.02
46.870	trans-Ethyl cinnamate	0.02
47.095	Methyl-undeca-(2Z,4Z)-dienoate	0.01
47.374	trans-Cadina-1(6),4-diene	0.01
48.651	Undecyl methyl ketone	0.02
48.830	alpha-Murolene	0.05
49.708	gamma-Cadinene	0.05
50.014	delta-Cadinene	0.17
53.593	Unidentified	0.01
53.772	Caryophyllene oxide	0.10
55.390	Humulene epoxide II	0.03
57.970	Cadin-4-en-10-ol	0.02
70.847	Rimuene	0.37
72.564	Beyerene	0.43
		100.00