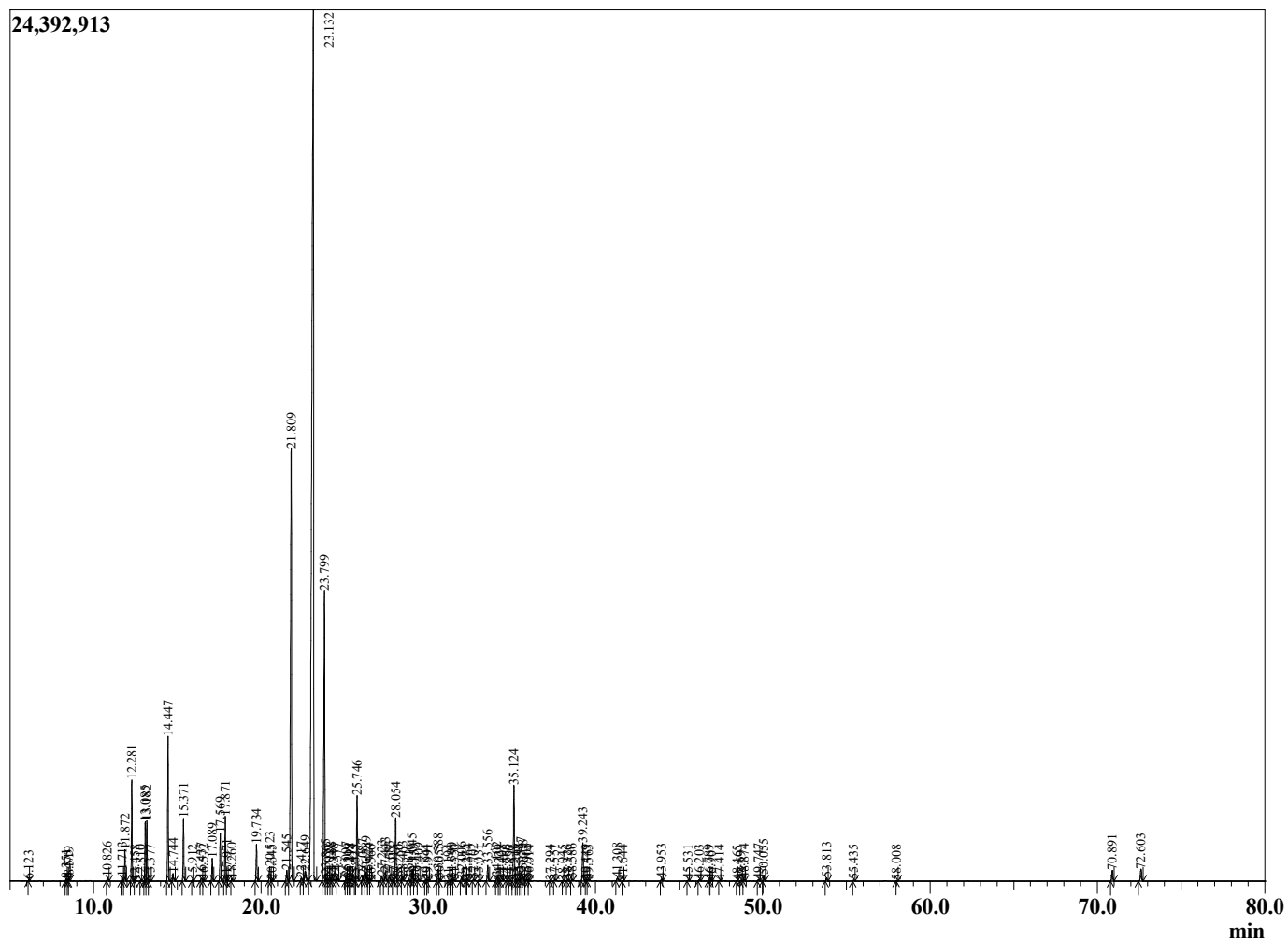


Analyzed : 11/9/2021 5:15:45 PM
Sample Type : Essential Oil
Sample Name : Thuja occidentalis
Injection Volume : 0.10

Cedar Leaf
Lot# CAR10-RC
Country: Canada



Chromatogram Thuja occidentalis



Peak Report TIC		
R.Time	Name	Area%
6.123	Unidentified	0.01
8.351	Ethyl 2-methylbutyrate	0.04
8.475	(Z)-Salvene	0.03
8.519	Ethyl isovalerate	0.09
10.826	Bornylene + ortho-Xylene	0.12
11.713	Tricyclene	0.10
11.872	alpha-Thujene	0.66
12.281	alpha-Pinene	2.07
12.458	Unidentified	0.01
12.810	Thujadiene isomer	0.02
13.085	alpha-Fenchene	1.30
13.182	Camphene	1.30
13.377	Thuja-2,4(10)-diene	0.02
14.447	Sabinene	3.24
14.744	beta-Pinene + 1-Octen-3-ol	0.20
15.371	Myrcene	1.50
15.912	Ethyl hexanoate	0.03
16.437	alpha-Phellandrene + 2-Methylanisole	0.11
16.572	delta-3-Carene	0.03
17.089	alpha-Terpinene	0.55
17.569	para-Cymene	1.17
17.871	Limonene	1.56
17.971	beta-Phellandrene	0.14
18.260	Unidentified	0.07
19.734	gamma-Terpinene	0.92
20.523	trans-Sabinene hydrate	0.41
20.645	Pinol	0.02
21.545	Terpinolene	0.31
21.809	Fenchone	13.94
22.417	Perillene	0.44
22.649	Linalool + cis-Sabinene hydrate	0.11
23.132	alpha-Thujone	46.31
23.799	beta-Thujone	8.96
23.865	alpha-Fenchol	0.11
24.027	Unidentified	0.04
24.188	cis-para-Menth-2-en-1-ol	0.08
24.348	alpha-Campholenal	0.04
24.577	Unidentified	0.06
25.097	Isothujol	0.10
25.219	trans-Sabinol	0.05
25.298	trans-Pinocarveol	0.03
25.414	trans-para-Menth-2-en-1-ol	0.06
25.625	Verbenol	0.01
25.746	Camphor	2.33
26.087	Neothujol	0.15
26.289	Camphene hydrate	0.26
26.424	Sabina ketone	0.07
26.566	Unidentified	0.01
27.223	Thujol	0.15
27.443	Borneol	0.24
27.683	trans-Isopulegone	0.15
27.913	Unidentified	0.01
28.054	Terpinen-4-ol	1.82
28.250	Unidentified	0.02
28.463	para-Cymen-8-ol	0.10
28.816	Myrtenol analog	0.04

R.Time	Name	Area%
29.045	alpha-Terpineol	0.35
29.159	Ethyl octanoate	0.04
29.409	Unidentified	0.06
29.844	Verbenone	0.03
29.991	trans-Piperitol	0.04
30.588	alpha-Fenchyl acetate	0.36
30.655	Fenchyl acetate	0.03
31.194	trans-Carveol	0.01
31.390	Thymol methyl ether	0.07
31.550	trans-Chrysanthenyl acetate	0.04
32.006	Carvacrol methyl ether	0.13
32.271	Cuminaldehyde	0.01
32.364	Carvone	0.03
32.702	Carvotanacetone	0.04
33.031	Piperitone	0.03
33.556	Unidentified	0.46
34.102	Unidentified	0.11
34.229	Unidentified	0.01
34.408	cis-Ascrinol glycol	0.02
34.666	Unidentified	0.01
34.856	Unidentified	0.00
35.124	Bornyl acetate	2.87
35.215	Unidentified	0.03
35.398	trans-Sabinyl acetate	0.05
35.537	Thujyl acetate	0.30
35.658	Menthyl acetate	0.16
35.905	4-Terpinyl acetate	0.06
36.014	Carvacrol	0.02
37.294	Myrtenyl acetate	0.01
37.557	Unidentified	0.03
38.045	Unidentified	0.01
38.326	Unidentified	0.02
38.586	Ocimenyl acetate	0.05
39.243	alpha-Terpinyl acetate	1.13
39.449	Citronellyl acetate	0.02
39.563	Unidentified	0.03
41.308	Geranyl acetate	0.11
41.644	Unidentified	0.01
43.953	trans-beta-Caryophyllene	0.06
45.531	(E)-Cinnamyl acetate	0.02
46.203	alpha-Humulene	0.04
46.789	Unidentified	0.02
46.907	(E)-Ethyl cinnamate	0.02
47.414	trans-Cadina-1(6),4-diene	0.01
48.465	Unidentified	0.01
48.691	Undecyl methyl ketone	0.02
48.874	alpha-Murolene	0.05
49.747	gamma-Cadinene	0.05
50.055	delta-Cadinene	0.18
53.813	Caryophyllene oxide	0.10
55.435	Humulene epoxide II	0.03
58.008	alpha-Cadinol	0.01
70.891	Rimuene	0.37
72.603	Beyerene	0.45
		100.00