

Sample Information

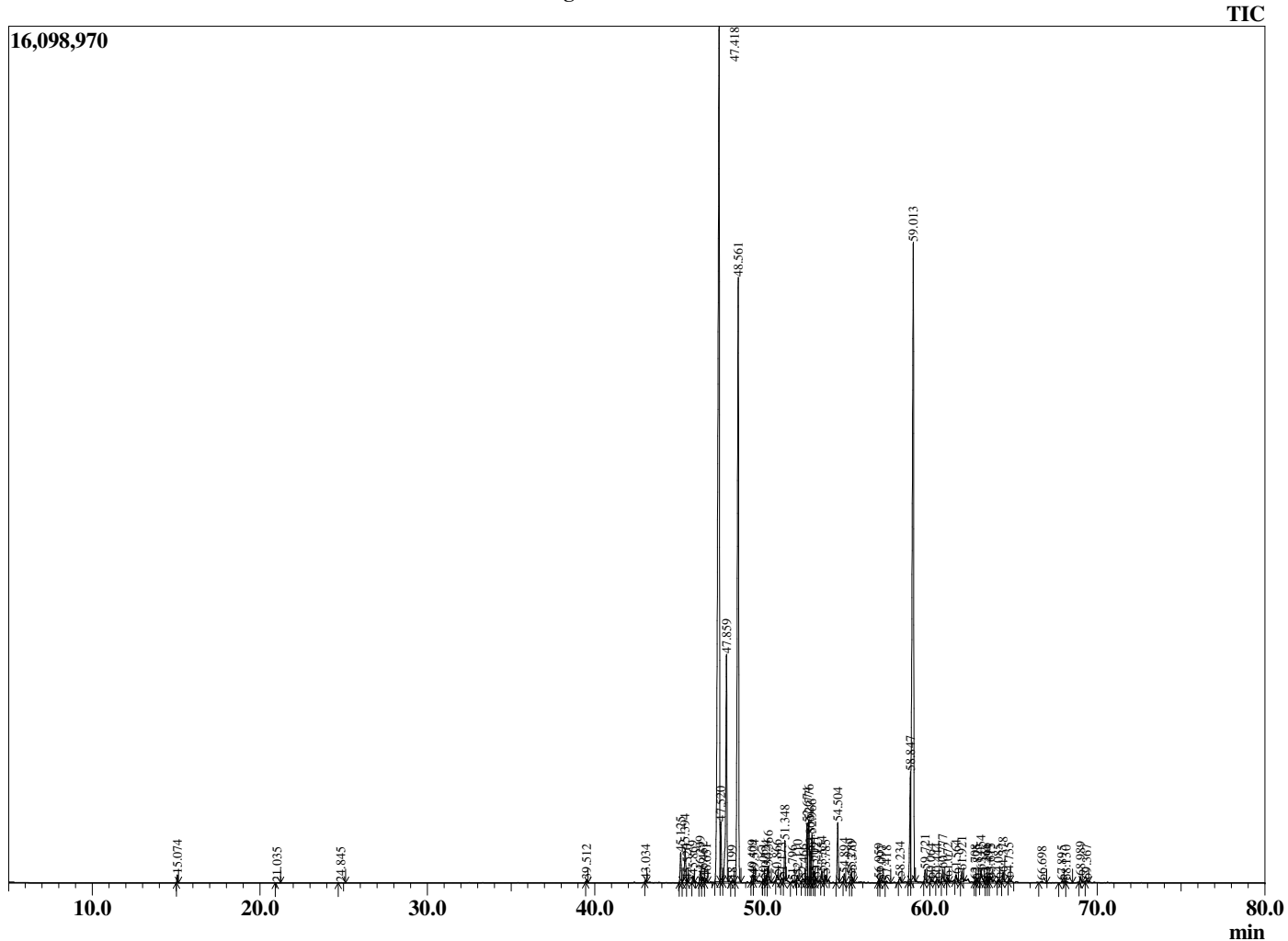
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 3/13/2020 3:16:21 AM
 Sample Type : Essential Oil
 Sample Name : Cedarwood - Revive
 Sample ID : 8357
 Injection Volume : 0.10
 Instrument ID: : GC-2



Peak Report TIC

R.Time	Name	Area%
15.074	alpha-Pinene	0.14
21.035	Limonene	0.01
24.845	Terpinolene	0.01
39.512	Unidentified	0.06
43.034	Unidentified	0.05
45.125	Unidentified	0.74
45.394	di-epi-alpha-Cedrene	1.08
45.520	Unidentified	0.06
45.869	Isolongifolene	0.17
46.299	Unidentified	0.29
46.452	alpha-Funebrene	0.14
46.651	Unidentified	0.10
47.418	alpha-Cedrene	32.05
47.520	beta-Caryophyllene	1.44
47.859	beta-Cedrene	6.40
48.199	epi-Bicyclosesquiphellandrene	0.06
48.561	Z-Thujopsene	18.26
49.409	Unidentified	0.20
49.524	Prezizaene	0.14
50.061	Prezizaene	0.06
50.224	alpha-Acoradiene	0.17
50.366	beta-Acoradiene	0.42
50.866	Unidentified	0.13
51.173	Ar-Curcumene	0.09
51.348	beta-Chamigrene	1.00
51.796	beta-Selinene	0.05
52.110	beta-Alaskene	0.12
52.466	Unidentified	0.11
52.674	beta-Himachalene	1.49
52.776	Cedrene-V6	1.63
52.866	alpha-Chamigrene	0.64
52.966	Cuparene	1.30
53.091	alpha-Alaskene	0.25
53.212	Cuprenene isomer	0.11
53.554	Unidentified	0.27
53.785	beta-Sesquiphellandrene	0.20
54.504	gamma-Cuprenene	1.47
54.894	Unidentified	0.20
55.289	delta-Cuprenene	0.22
55.370	Unidentified	0.11
56.959	Unidentified	0.07
57.097	Unidentified	0.06
57.418	Unidentified	0.05
58.234	Cedrol isomer	0.18
58.847	Widdrol	2.76
59.013	Cedrol	22.48
59.721	Epicedrol	0.32
60.064	alpha-Acorneol	0.07
60.444	beta-Acorneol	0.10
60.777	Unidentified	0.33
61.072	Unidentified	0.10
61.564	Unidentified	0.22
61.921	Cedr-8-en-15-ol	0.31
62.708	Unidentified	0.05
62.825	Unidentified	0.05
63.054	alpha-Bisabolol	0.39
63.366	Unidentified	0.07
63.494	Unidentified	0.05
63.615	Unidentified	0.14
64.085	Unidentified	0.06
64.378	Unidentified	0.24
64.735	Unidentified	0.07

Chromatogram Cedarwood - Revive



Comments:

The analysis of this Cedarwood, USA batch sample meets the expected chemical profile for authentic essential oil of *Juniperus virginiana*. 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%
66.698	Unidentified	0.06
67.895	Unidentified	0.04
68.130	Unidentified	0.05
68.989	Unidentified	0.16
69.367	Nootkatone	0.08
		100.00