

Sample Information

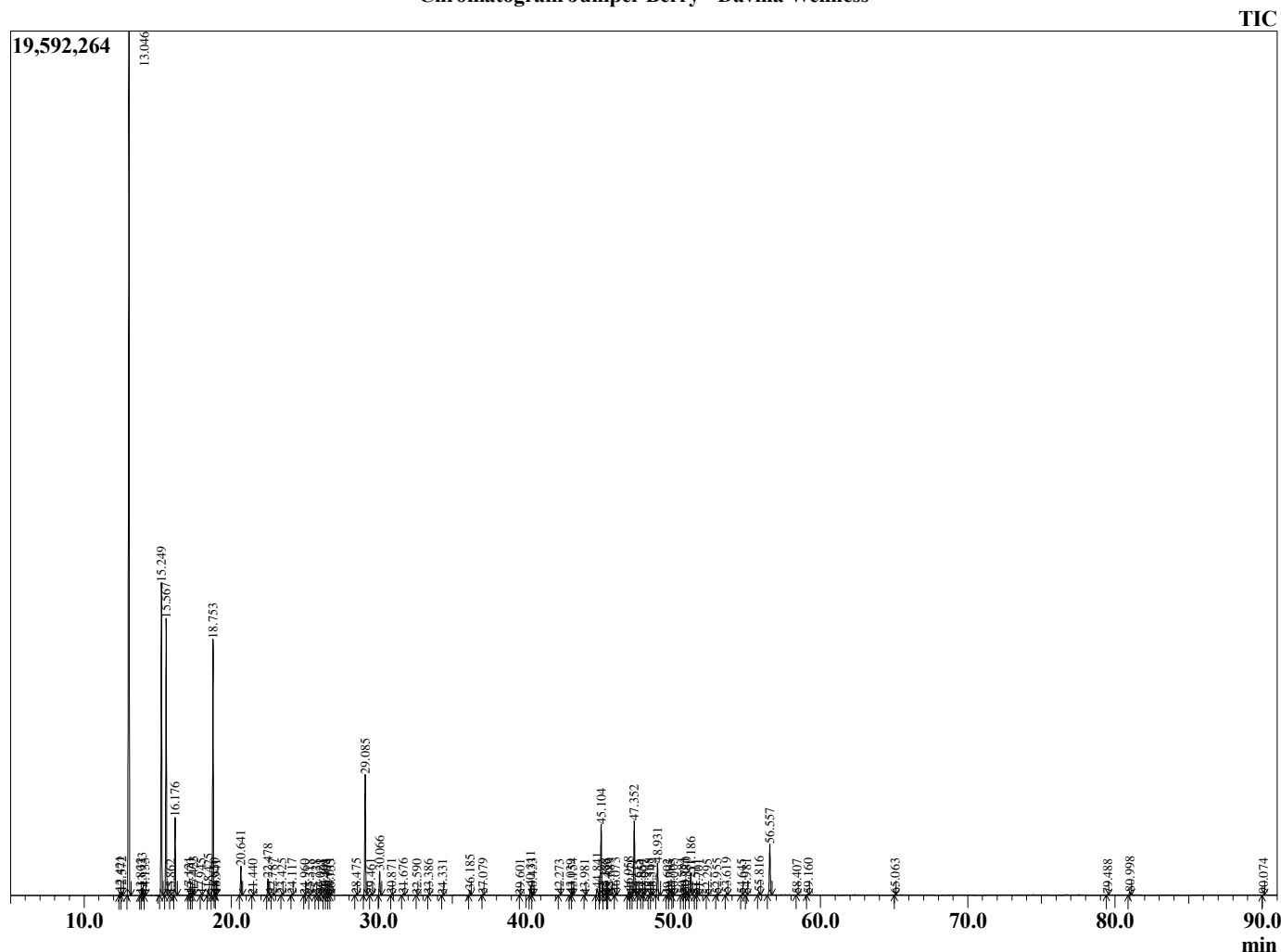
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 10/7/2020 9:17:08 AM
 Sample Type : Essential Oil
 Sample Name : Juniper Berry - Davina Wellness
 Sample ID : G0D0828M
 Injection Volume : 0.10
 Instrument ID: : GC-3



Peak Report TIC

R.Time	Name	Area%
12.421	Tricyclene	0.11
12.572	alpha-Thujene	0.12
13.046	alpha-Pinene	37.88
13.832	alpha-Fenchene	0.04
13.933	Camphene	0.26
14.133	Thuja-2,4(10)-diene	0.05
15.249	Sabinene	12.15
15.567	beta-Pinene	10.54
15.862	Unidentified	0.03
16.176	Myrcene	2.88
17.121	Pseudolimonene	0.09
17.270	Phellandrene	0.01
17.423	delta-3-Carene	0.13
17.945	alpha-Terpinene	0.04
18.425	para-Cymene	0.24
18.753	Limonene	10.31
18.850	beta-Phellandrene	0.01
18.941	1,8-Cineole	0.01
20.641	gamma-Terpinene	1.19
21.440	trans-Sabinene hydrate	0.01
22.478	Terpinolene	0.70
22.787	para-Cymenene	0.05
23.425	Pinene oxide	0.06
24.117	Unidentified	0.05
24.960	trans-para-Mentha-2,8-dien-1-ol	0.01
25.318	alpha-Campholenaldehyde	0.03
25.728	cis-Limonene oxide	0.02
26.021	trans-Limonene oxide	0.04
26.301	trans-Pinocarveol	0.08
26.408	Unidentified	0.03
26.611	trans-Verbenol	0.10
26.735	Unidentified	0.01
28.475	Borneol	0.04
29.085	Terpinen-4-ol	5.48
29.461	para-Cymen-8-ol	0.05
30.066	alpha-Terpineol	1.11
30.871	Verbenone	0.04
31.676	trans-Carveol	0.07
32.590	cis-Carveol	0.01
33.386	Carvone	0.02
34.331	Unidentified	0.01
36.185	Bornyl acetate	0.22
37.079	Unidentified	0.03
39.601	delta-Elementene	0.01
40.311	alpha-Terpinyl acetate	0.43
40.433	gamma-Terpinyl acetate	0.06
42.273	alpha-Copaene	0.03
43.039	Unidentified	0.03
43.154	beta-Elementene	0.04
43.981	Unidentified	0.01
44.841	alpha-Cedrene	0.40
45.104	beta-Caryophyllene	3.64
45.388	beta-Cedrene	0.09
45.499	Unidentified	0.01
45.689	gamma-Elementene	0.08
46.073	cis-Thujopsene	0.07
46.958	Humulen-(v1)	0.18
47.171	(E)-beta-Farnesene	0.04
47.352	alpha-Humulene	3.79
47.615	Unidentified	0.02
47.854	alpha-Acoradiene	0.02
48.007	beta-Acoradiene	0.02

Chromatogram Juniper Berry - Davina Wellness



Comments:

The analysis of this Juniper Berry batch sample meets the expected chemical profile for authentic essential oil of *Juniperus communis*. No contamination or adulteration was detected. The results provided in this GC/MS quality analysis reflect the chemical composition of the oil and lot referenced above on the date of analysis.

R.Time	Name	Area%
48.368	10-beta-H-Cadina-1(6),4-diene	0.04
48.542	trans-Cadina-1(6),4-diene	0.04
48.931	Germacrene D	1.62
49.602	trans-Muurolo-4(14),5-diene	0.02
49.785	beta-Alaskene	0.05
50.005	alpha-Murolene	0.04
50.584	Unidentified	0.06
50.771	alpha-Alaskene	0.11
50.880	gamma-Cadinene	0.09
51.186	delta-Cadinene	1.10
51.511	Unidentified	0.03
51.701	(E)-gamma-Bisabolene	0.01
52.295	Unidentified	0.03
52.955	Elemol	0.05
53.619	Germacrene B	0.09
54.645	Germacren D-4-ol	0.02
54.981	Caryophyllene oxide	0.04
55.816	Unidentified	0.18
56.557	Cedrol	2.72
58.407	Unidentified	0.02
59.160	Unidentified	0.05
65.063	Cedryl acetate	0.03
79.488	Abietatriene	0.02
80.998	Abietadiene	0.15
90.074	4-epi-Abietal	0.03
		100.00