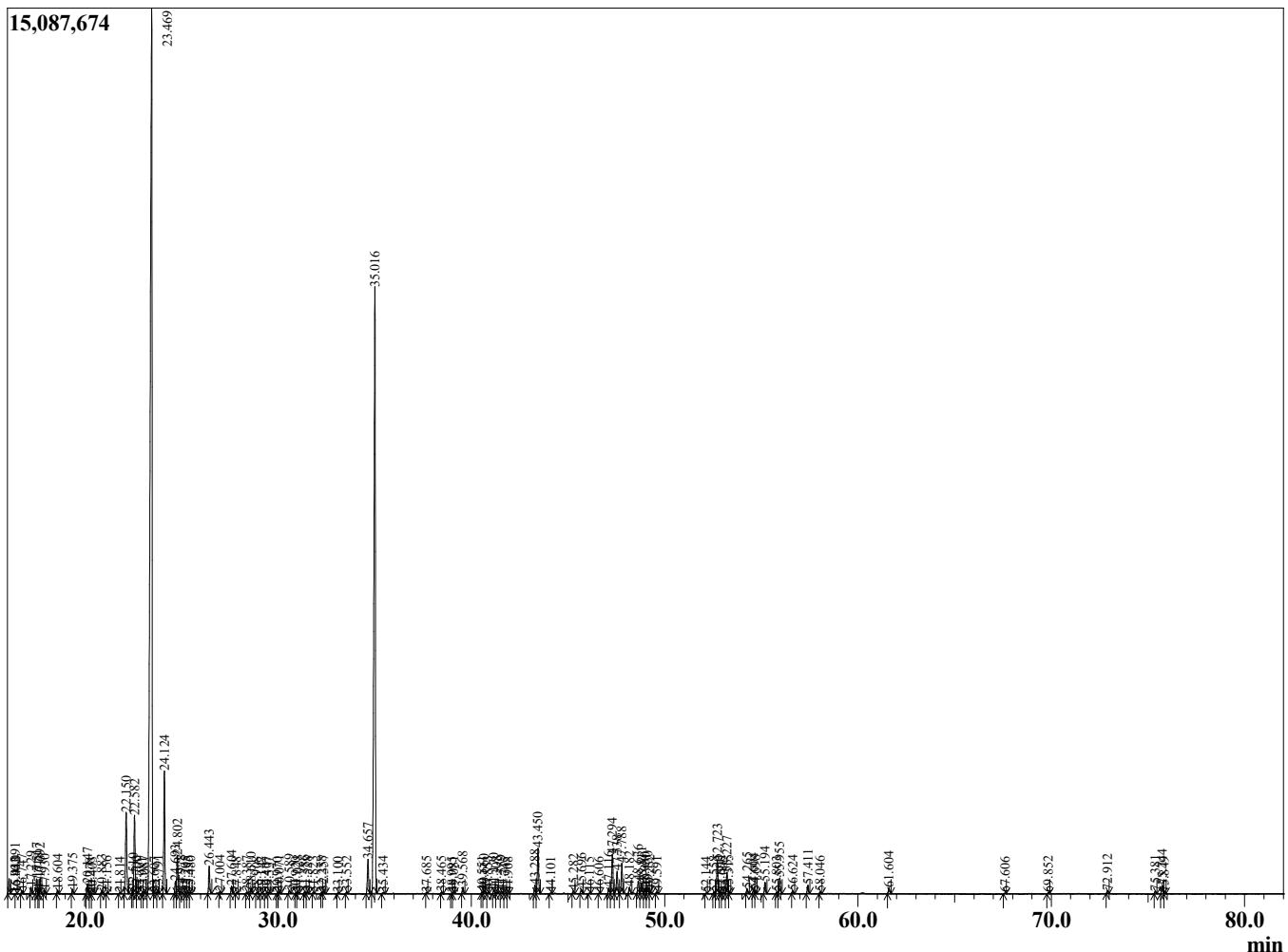


Sample Type : Essential Oil
Sample Name : Artemisia absinthium
Injection Volume : 0.10

Wormwood
Lot# USC12-CH
Country: USA

Sample Information



Appalachian Valley Natural Products

Anatolian Treasures

Peak Report TIC

R.Time	Name	Area%
3.848	3-Methylbutanal	0.03
3.948	2-Methylbutanal	0.03
4.369	2-Ethyl furan	0.02
4.950	3-Methyl-1-butanol	0.01
5.026	2-Methyl butanol	0.01
5.845	Methyl 2-methylbutyrate	0.01
5.881	Unidentified	0.00
6.218	1-Octene	0.08
6.470	Octane	0.01
6.498	Hexanal	0.06
7.632	4-Methyl pentanol	0.01
8.194	cis-Salvene	0.21
8.300	Hex-(2E)-enal	0.09
8.325	Hex-(3Z)-enol + Unidentified	0.37
8.546	trans-Salvene	0.04
8.702	Hex-(2E)-enol	0.18
8.834	Hexanol	0.28
9.830	Nonene	0.01
10.341	Heptanal	0.02
11.278	Hashishene	0.01
11.550	alpha-Thujene	0.04
11.949	alpha-Pinene	0.67
12.746	alpha-Fenchene	0.18
12.840	Camphene	0.03
14.107	Sabinene	2.37
14.400	beta-Pinene	0.23
14.473	1-Octen-3-ol	0.09
14.802	3-Octanone	0.03
15.047	Myrcene	1.47
15.170	Unidentified	0.01
15.387	Mentha-2,8-diene analogue	0.02
15.500	3-Octanol	0.02
15.913	Octanal	0.02
16.091	alpha-Phellandrene	0.38
16.442	Hexyl acetate	0.01
16.747	alpha-Terpinene	0.07
17.229	para-Cymene	0.16
17.517	Limonene	0.38
17.618	beta-Phellandrene	0.11
17.692	1,8-Cineole	0.40
17.930	cis-beta-Ocimene	0.10
18.604	trans-beta-Ocimene	0.09
19.375	gamma-Terpinene	0.12
20.147	trans-Sabinene hydrate	0.28
20.278	Unidentified	0.01
20.403	Unidentified	0.01
20.883	Unidentified	0.08
21.156	Terpinolene	0.03
21.814	alpha-Pinene oxide	0.02
22.150	Linalool	2.61
22.510	Nonanal	0.06
22.582	alpha-Thujone	2.29
22.700	1-Octen-3-ol acetate	0.04
22.981	Unidentified	0.02
23.087	trans-4,8-Dimethyl-nona-1,3,7-triene	0.07
23.469	beta-Thujone	42.45

R.Time	Name	Area%
23.607	Chrysanthenone	0.01
23.791	cis-para-Menth-2-en-1-ol	0.05
24.124	cis-Myroxide	3.36
24.693	Isothujol	0.34
24.802	trans-Sabinol	1.19
24.978	Hex-(3Z)-enyl isobutyrate	0.08
25.205	trans-Verbenol	0.04
25.355	Unidentified	0.05
25.480	Neoisothujol	0.04
26.443	Lavandulol	0.78
27.004	Borneol	0.06
27.604	Terpinen-4-ol	0.22
27.848	Hex-(3Z)-enyl butyrate	0.02
28.387	Myrtenol	0.04
28.610	alpha-Terpineol	0.14
28.908	Isohexyl-2-methylbutyrate	0.03
29.147	alpha-Phellandrene epoxide	0.02
29.407	Unidentified	0.03
29.537	Unidentified	0.04
29.970	Grandlure I	0.02
30.071	7-Methyl-3-methylene-6-octen-1-ol	0.07
30.589	Nerol	0.09
30.920	Isogerniol	0.02
31.028	Hex-(3Z)-enyl-2-methylbutyrate	0.06
31.386	Hexyl-2-methylbutyrate	0.06
31.528	Neral	0.07
31.823	Cuminal	0.03
32.258	Carvotanacetone	0.03
32.357	Geraniol	0.08
33.100	Linalyl acetate	0.03
33.552	Geranial	0.05
34.657	Lavandulyl acetate	1.06
35.016	trans-Sabinyl acetate	23.15
35.434	Benzyl isobutyrate	0.05
37.685	Myrtenyl acetate	0.03
38.465	Unidentified	0.05
38.995	Neryl acetate analogue	0.02
39.081	Eugenol	0.05
39.568	Neryl acetate	0.19
40.551	Unidentified	0.04
40.660	alpha-Copaene	0.09
40.853	Geranyl acetate	0.03
41.170	beta-Bourbonene	0.11
41.308	Benzyl isovalerate analogue	0.03
41.559	beta-Elemene	0.07
41.745	cis-Jasmone	0.02
41.908	Benzyl isovalerate	0.02
43.288	Lavandulyl isobutyrate	0.27
43.450	trans-beta-Caryophyllene	1.51
44.101	beta-Copaene	0.03
45.282	Neryl propionate	0.09
45.696	alpha-Humulene	0.14
46.115	Heneicosane	0.02
46.606	Geranyl propanoate	0.01
47.116	gamma-Curcumene	0.18
47.294	Germacrene D	1.30
47.538	Neryl isobutyrate	0.83
47.788	beta-Selinene	0.97
48.182	Bicyclogermacrene	0.22
48.636	Lavandulyl isovalerate	0.40
48.811	Lavandulyl 2-methylbutyrate	0.37
48.980	Geranyl isobutyrate	0.20

R.Time	Name	Area%
49.130	3,6-Dihydrochamazulene	0.25
49.252	3,6-Dihydrochamazulene analogue	0.08
49.591	delta-Cadinene + (-)-alpha-Panasinsen	0.06
52.144	trans-Nerolidol	0.02
52.558	Citronellyl valerate analogue	0.06
52.723	Neryl (S)-2-methylbutyrate	1.10
52.890	Citronellyl valerate analogue	0.05
53.005	Unidentified	0.06
53.227	Neryl isovalerate	0.71
53.315	Caryophyllene oxide	0.05
54.265	Geranyl 2-methylbutyrate	0.15
54.604	Unidentified	0.14
54.698	Geranyl isovalerate	0.06
55.194	5,6-Dihydroxychamazulene	0.37
55.803	Unidentified	0.05
55.955	7,12-Dehydro-5,6,7,8-tetrahydrochamazulene	0.51
56.624	Unidentified	0.08
57.411	7,12-Dehydro-5,6,7,8-tetrahydrochamazulene	0.27
58.046	Intermedeol	0.06
61.604	Chamazulene	0.19
67.606	Phytone	0.03
69.852	Unidentified	0.04
72.912	Geranyl-alpha-terpinene	0.09
75.381	9-(15,16-Dihydro-15-methylenegeranyl)-alph-	0.07
75.744	9-(15,16-Dihydro-15-methylenegeranyl)-alph-	0.30
75.849	Geranyl-para-cymene	0.03
		100.00