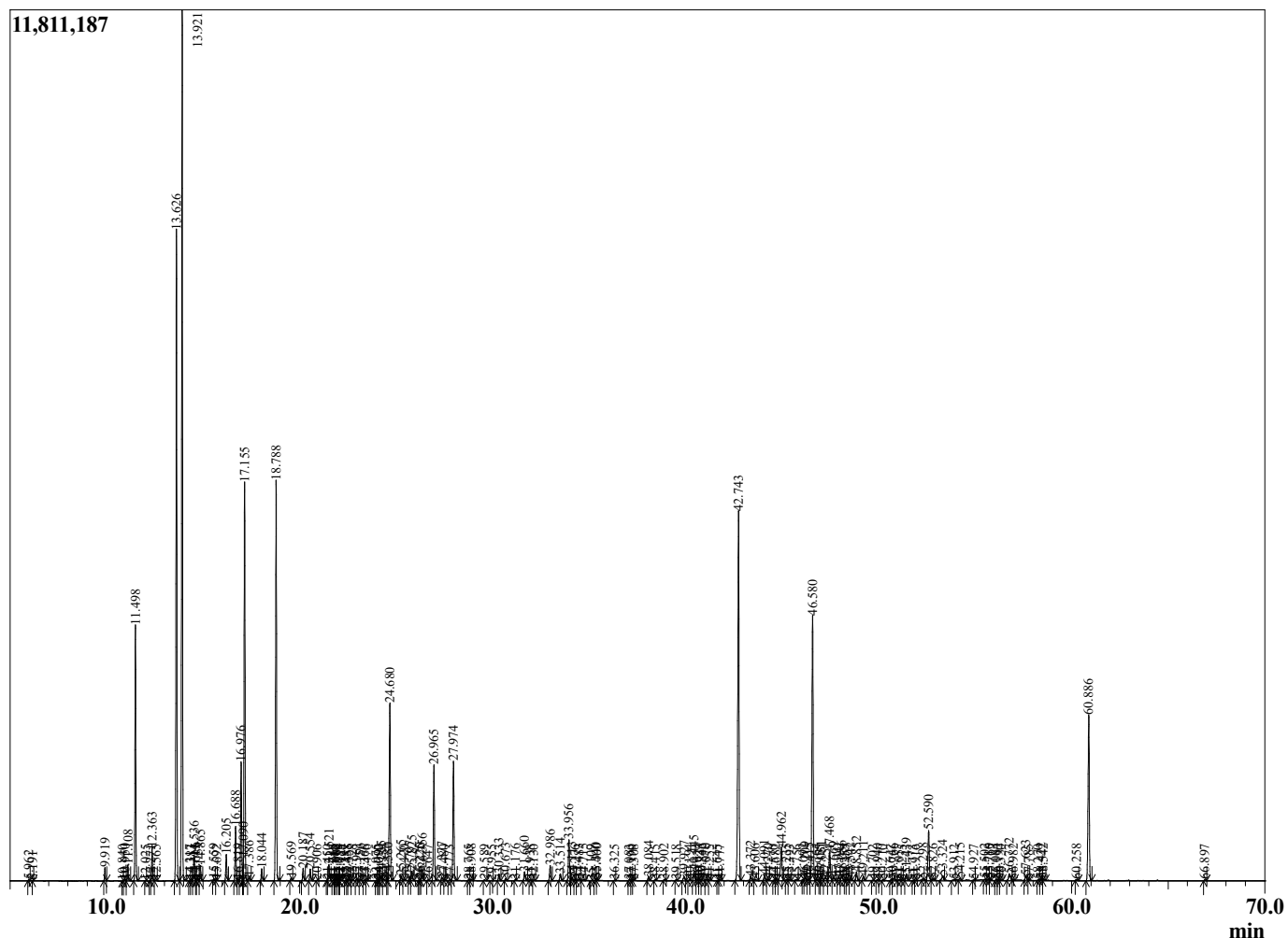


Sample Information

Sample Type : Essential Oil
Sample Name : Achillea millefolium
Injection Volume : 0.10

Yarrow Blue
Lot# BUX18-XH
Country: Bulgaria

Chromatogram Achillea millefolium



Peak Report TIC		
R.Time	Name	Area%
4.201	2-Ethylfuran	0.01
5.962	1-Octene	0.02
6.191	Octane	0.00
9.919	Santolinatriene	0.21
10.840	Hashishene	0.01
10.950	Tricyclene	0.03
11.108	alpha-Thujene	0.29
11.498	alpha-Pinene	4.36
12.025	Thujadiene isomer	0.01
12.271	alpha-Fenchene	0.01
12.363	Camphene	0.61
12.565	Thuja-2,4(10)-diene	0.01
13.626	Sabinene	12.63
13.921	beta-Pinene	17.31
14.317	6-Methyl hept-5-en-2-one	0.01
14.383	para-Menth-3-ene	0.01
14.536	Myrcene	0.48
14.615	Unidentified	0.01
14.739	Unidentified	0.05
14.865	Yomogi alcohol	0.30
15.559	alpha-Phellandrene	0.03
15.692	delta-3-Carene	0.01
16.205	alpha-Terpinene	0.52
16.688	para-Cymene	1.11
16.819	Unidentified	0.02
16.976	Limonene	2.42
17.090	beta-Phellandrene	0.19
17.155	1,8-Cineole	8.02
17.386	cis-beta-Ocimene	0.09
18.044	trans-beta-Ocimene	0.24
18.788	Artemisia ketone + gamma-Terpinene	8.44
19.569	trans-Sabinene hydrate	0.06
20.187	Artemisia alcohol	0.26
20.554	Terpinolene	0.25
20.906	para-Cymenene	0.01
21.450	alpha-Pinene oxide	0.01
21.521	Linalool	0.40
21.745	Unidentified	0.01
21.818	Unidentified	0.01
21.902	Nonanal	0.03
21.970	Unidentified	0.02
22.085	Unidentified	0.01
22.125	Unidentified	0.02
22.387	Unidentified	0.01
22.458	Unidentified	0.01
22.555	cis-Chrysanthenol	0.03
22.728	beta-Thujone	0.01
22.961	Chrysanthenone	0.04
23.156	cis-para-Menth-2-en-1-ol	0.03
23.366	Unidentified	0.02
23.476	Unidentified	0.01
23.975	Unidentified	0.01
24.090	Unidentified	0.01
24.092	Unidentified	0.01
24.235	trans-Pinocarveol	0.11
24.354	trans-para-Menth-2-en-1-ol	0.05

R.Time	Name	Area%
24.580	trans-Verbenol	0.02
24.680	Camphor	4.14
25.265	trans-Chrysanthemol	0.11
25.420	Unidentified	0.02
25.707	Pinocarvone	0.11
25.825	beta-Artemisia acetate	0.24
26.225	Unidentified	0.02
26.270	delta-Terpineol	0.04
26.356	Borneol	0.29
26.647	cis-Pinocamphone	0.01
26.965	Terpinen-4-ol	2.61
27.377	Myrcenone	0.09
27.480	Unidentified	0.01
27.773	Unidentified	0.01
27.974	alpha-Terpineol	2.76
28.765	Verbenone	0.02
28.908	trans-Piperitol	0.03
29.589	trans-Carveol	0.02
29.955	Unidentified	0.01
30.333	trans-Chrysanthenyl acetate	0.16
30.673	Unidentified	0.05
31.176	Cuminal	0.02
31.660	Linalyl acetate	0.21
31.938	Unidentified	0.01
32.130	cis-Chrysanthenyl acetate	0.02
32.986	4-Thujen-2.alpha-yl acetate	0.36
33.514	Unidentified	0.16
33.956	Bornyl acetate	0.98
34.113	Unidentified	0.08
34.276	Unidentified	0.02
34.483	trans-Ascidol glycol	0.05
34.715	trans-Pinocarvyl acetate	0.03
35.109	Tridecane	0.01
35.340	Isoascaridole	0.05
35.400	Unidentified	0.03
36.325	Unidentified	0.01
37.083	Elemene isomer	0.02
37.190	Unidentified	0.01
37.308	delta-Elemene	0.02
38.084	alpha-Terpinyl acetate	0.09
38.415	Eugenol	0.02
38.902	Neryl acetate	0.03
39.518	alpha-Ylangene	0.01
39.927	alpha-Copaene	0.13
40.194	Geranyl acetate	0.02
40.445	beta-Bourbonene	0.25
40.624	alpha-Bourbonene	0.03
40.733	7-epi-Sesquithujene	0.04
40.846	beta-Elemene	0.04
41.070	cis-Jasmone	0.04
41.255	Unidentified	0.01
41.645	Tetradecane	0.00
41.777	cis-beta-Caryophyllene	0.02
42.743	trans-beta-Caryophyllene	9.96
43.372	beta-Copaene	0.10
43.606	trans-alpha-Bergamotene	0.04
44.091	Sesquisabinene	0.13
44.270	Isogermacrene D	0.03
44.570	Unidentified	0.01
44.682	trans-Murrola-3,5-diene	0.02
44.962	alpha-Humulene	1.07
45.235	Alloaromodendrene	0.02

R.Time	Name	Area%
45.393	Unidentified	0.02
45.756	Unidentified	0.03
46.092	Selina-4,11-diene	0.01
46.209	gamma-Muurolene	0.07
46.415	Unidentified	0.06
46.580	Germacrene D	6.91
46.764	trans-beta-Bergamotene	0.03
46.955	Unidentified	0.01
47.051	beta-Selinene	0.11
47.251	trans-Murrola-4(14),5-diene	0.09
47.468	alpha-Zingiberene + Bicyclogermacrene	0.84
47.669	alpha-Muurolene	0.10
47.941	Lavandulyl isovalerate	0.08
48.086	trans,trans-alpha-Farnesene + 2-Methyllavanc	0.13
48.255	beta-Bisabolene	0.00
48.367	beta-Curcumene	0.02
48.542	gamma-Cadinene	0.06
48.852	delta-Cadinene	0.22
49.211	beta-Sesquiphellandrene	0.11
49.702	Unidentified isomer I	0.01
49.940	Unidentified isomer I	0.02
50.210	Unidentified	0.02
50.647	Unidentified	0.02
50.766	Unidentified	0.07
51.057	Unidentified	0.03
51.235	Unidentified	0.01
51.439	(E)-Nerolidol	0.18
51.773	Unidentified	0.00
51.916	Unidentified	0.01
52.298	Unidentified	0.05
52.590	Caryophyllene oxide	1.44
52.826	Globulol	0.04
53.324	Viridiflorol	0.16
53.912	Unidentified	0.02
54.215	Humulene epoxide II	0.06
54.927	Junenol	0.01
55.502	gamma-Eudesmol	0.03
55.710	Unidentified	0.03
55.765	epi-alpha-Cadinol	0.03
56.084	tau-Cadinol	0.03
56.192	epi-alpha-Muurolol	0.04
56.330	Unidentified	0.02
56.772	alpha-Eudesmol	0.26
56.982	Unidentified	0.03
57.623	Unidentified	0.13
57.785	Unidentified	0.01
58.270	alpha-Bisabolone oxide A	0.02
58.422	Unidentified	0.06
58.542	alpha-Bisabolol	0.05
60.258	Pentadecanal	0.03
60.886	Chamazulene	4.31
66.897	Phytone	0.03
88.206	Unidentified	0.01
96.253	Octacosane	0.01
		100.00