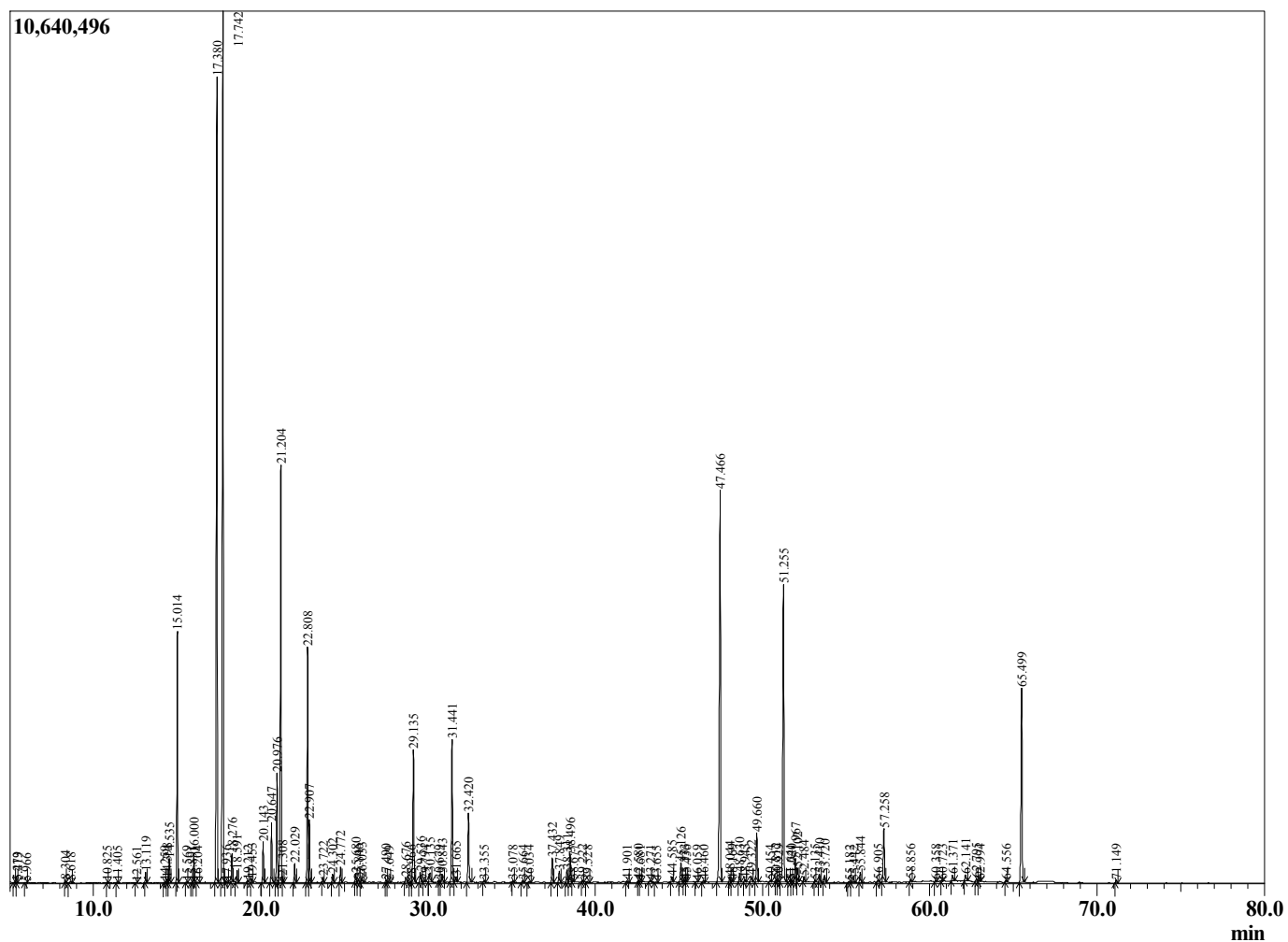


Sample Information

Sample Type : Essential Oil
Sample Name : Achillea millefolium

Yarrow Blue
Lot# BUX15-XT
Country: Bulgaria

Chromatogram Achillea millefolium



Peak	R.Time	Name	Area%
1	5.279	3-Methylbutanal	0.01
2	5.413	2-Methylbutanal	0.01
3	5.966	2-Ethylfuran	0.01
4	8.304	1-Octene	0.04
5	8.618	Hexanal	0.03
6	10.825	(Z)-3-Hexenol	0.02
7	11.405	Hexanol	0.02
8	12.561	1-Nonene	0.01
9	13.119	Santolinatriene	0.17
10	14.259	Unidentified	0.02
11	14.398	Tricyclene	0.06
12	14.535	alpha-Thujene	0.41
13	15.014	alpha-Pinene	4.28
14	15.569	Thuja-2,4(10)diene	0.02
15	15.891	alpha-Fenchene	0.01
16	16.000	Camphene	0.50
17	16.204	Verbenene	0.02
18	17.380	Sabinene	16.59
19	17.742	beta-Pinene	18.09
20	17.936	6-Methyl-5-hepten-2-one	0.02
21	18.276	Myrcene	0.52
22	18.591	Yomogi alcohol	0.22
23	19.212	(Z)-3-Hexenyl acetate	0.02
24	19.453	alpha-Phellandrene	0.06
25	20.143	alpha-Terpinene	0.75
26	20.647	para-Cymene	1.16
27	20.976	Limonene	2.19
28	21.204	1,8-Cineole	8.34
29	21.308	(Z)-beta-Ocimene	0.10
30	22.029	(E)-beta-Ocimene	0.36
31	22.808	Artemisia ketone	4.60
32	22.907	gamma-Terpinene	1.19
33	23.722	trans-Sabinene hydrate	0.09
34	24.302	Artemisia alcohol	0.16
35	24.772	Terpinolene	0.31
36	25.680	Linalool	0.17
37	25.846	cis-Sabinene hydrate	0.06
38	26.033	Nonanal	0.09
39	27.490	cis-p-Menth-2-en-1-ol	0.05
40	27.649	alpha-Campholenal	0.02
41	28.676	trans-Pinocarveol	0.12
42	28.966	trans-Verbenol	0.02
43	29.135	Camphor	2.81
44	29.536	trans-Chrysanthemol	0.21
45	29.794	Unidentified	0.03
46	30.135	Unidentified	0.33
47	30.679	Umbellulone	0.03
48	30.843	Borneol	0.18
49	31.441	Terpnen-4-ol	3.07
50	31.665	Myrcenone	0.11
51	32.420	alpha-Terpineol	1.57
52	33.355	cis-Piperitol	0.03
53	35.078	Unidentified	0.03
54	35.664	Cuminaldehyde	0.05
55	36.034	Linalyl acetate	0.04
56	37.432	4-Thujen-2-alpha-yl acetate	0.52

R.Time	Name	Area%
37.849	Unidentified	0.24
38.311	Lavandulyl acetate	0.26
38.496	Bornyl acetate	0.64
38.677	Isobornyl acetate	0.03
39.222	trans-Pinocarvyl acetate	0.04
39.528	Tridecane	0.03
41.901	delta-Elementene	0.04
42.580	alpha-Terpinyl acetate	0.03
42.681	alpha-Cubebene	0.02
43.271	Neryl acetate	0.03
43.655	Unidentified	0.02
44.585	alpha-Copaene	0.11
45.126	beta-Bourbonene	0.45
45.333	alpha-Bourbonene	0.04
45.436	trans-beta-Elementene	0.02
46.059	Tetradecane	0.02
46.460	cis-beta-Caryophyllene	0.04
47.466	trans-beta-Caryophyllene	9.90
48.044	beta-Copaene	0.10
48.169	trans-alpha-Bergamotene	0.03
48.630	(Z)-beta-Farnesene	0.20
48.943	Unidentified	0.05
49.322	(E)-beta-Farnesene	0.15
49.660	alpha-Humulene	1.12
50.454	cis-Muurolo-4(14),5-diene	0.03
50.812	trans-Cadin-1(6),4-diene	0.05
50.929	gamma-Curcumene	0.03
51.255	Germacrene D	7.61
51.641	(Z,Z)-alpha-Farnesene	0.03
51.720	Unidentified	0.03
51.967	alpha-Zingiberene	0.53
52.102	Bicyclogermacrene	0.30
52.484	(E,E)-alpha-Farnesene	0.12
53.135	gamma-Cadinene	0.04
53.410	delta-Cadinene	0.18
53.720	beta-Sesquiphellandrene	0.16
55.182	Elemol	0.03
55.442	Unidentified	0.05
55.844	trans-Nerolidol	0.22
56.905	Spathulenol	0.06
57.258	Caryophyllene oxide	1.36
58.856	Humulene epoxide	0.06
60.358	Unidentified	0.04
60.723	alpha-Muurolo	0.03
61.371	alpha-Eudesmol	0.13
62.141	Unidentified	0.17
62.795	Unidentified	0.07
62.994	alpha-Bisabolol	0.04
64.556	Pentadecanal	0.05
65.499	Chamazulene	5.00
71.149	Phytone	0.07
		100.00