

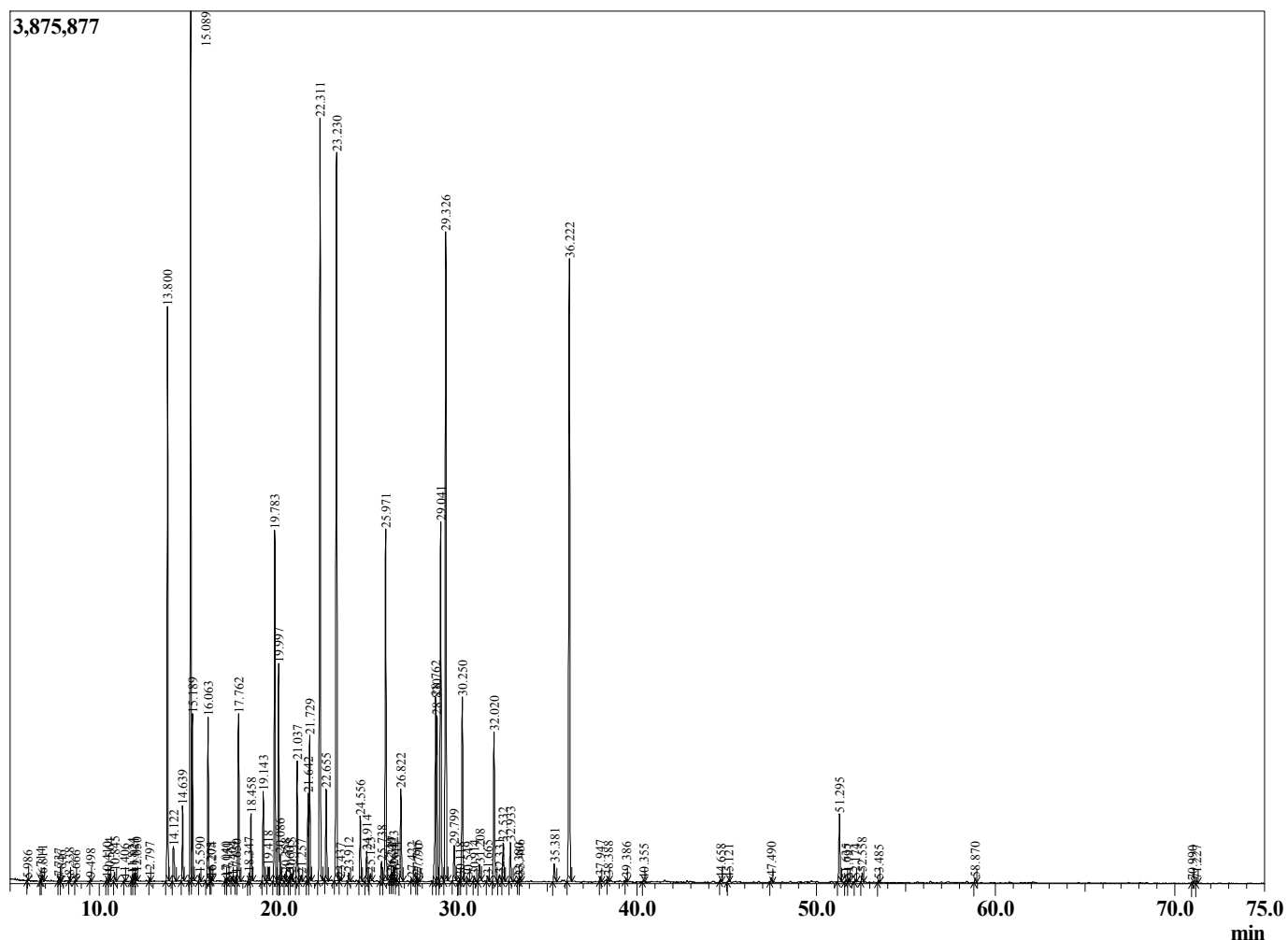
Sample Information

Sample Type : Essential Oil
Sample Name : Anthemis nobilis

Chamomile Roman USA
Lot# USK14-KT
Country: US



Chromatogram Anthemis nobilis



Peak Report TIC		
R.Time	Name	Area%
5.986	2-Ethylfuran	0.01
6.714	1-Pentanol	0.02
6.811	2-Methyl butanol	0.06
7.737	Isobutyl acetate	0.03
7.846	Methyl 2-methylbutyrate	0.01
8.338	1-Octene	0.03
8.666	Hexanal	0.01
9.498	Methyl tiglate	0.03
10.410	3-Methyl pentanol	0.03
10.564	Ethyl 2-methylbutyrate	0.06
10.845	Propyl isobutyrate	0.09
11.406	Isobutyl propionate	0.01
11.824	Isopentyl acetate	0.06
11.921	2-Methylbutyl acetate	0.08
12.050	Propyl methacrylate	0.08
12.797	Unidentified	0.04
13.800	Isobutyl isobutyrate	5.74
14.122	Prenyl acetate	0.61
14.639	2,5,8-Trimethyl nonane	0.80
15.089	alpha-Pinene	9.28
15.189	Isobutyl methacrylate	1.73
15.590	Propyl 2-methylbutyrate	0.08
16.063	Unidentified	1.87
16.205	Isobutyl butyrate	0.02
16.274	Thuja-2,4(10)diene	0.02
17.040	Isoamyl propionate	0.03
17.151	Methylbutyl propionate	0.04
17.404	Sabinene	0.05
17.650	Butyl methacrylate	0.07
17.762	beta-Pinene	1.97
18.347	Myrcene	0.11
18.458	Ethyl tiglate	0.79
19.143	Isobutyl 2-methylbutanoate	1.03
19.418	Isobutyl isovalerate	0.16
19.783	Isoamyl isobutyrate	4.15
19.997	2-Methylbutyl isobutyrate	2.57
20.086	Roman Chamomile isomer 1	0.27
20.358	Roman Chamomile isomer 1	0.08
20.605	Unidentified	0.06
20.715	para-Cymene	0.10
21.037	Limonene	1.45
21.257	1,8-Cineole	0.08
21.642	Pentyl methacrylate	1.05
21.729	Isopentyl methacrylate	1.74
22.311	Isobutyl angelate	9.53
22.655	Prenyl isobutyrate	1.10
23.230	Methyl angelate	9.38
23.437	Unidentified	0.03
23.912	Hexyl propionate	0.11
24.556	Camphenilone	0.80
24.914	Butyl angelate	0.38
25.123	Isobutyl tiglate	0.09
25.738	Isopentyl 2-methylbutyrate	0.26
25.971	2-Methylbutyl-2-methylbutyrate	4.59
26.249	Unidentified	0.06
26.327	2-Methylbutyl isovalerate	0.09

R.Time	Name	Area%
26.423	Isobutyl hexanoate	0.16
26.544	Unidentified	0.03
26.822	Hexyl isobutyrate	1.18
27.422	Unidentified	0.04
27.715	alpha-Campholenal	0.06
27.790	Unidentified	0.02
28.762	trans-Pinocarveol	2.81
28.830	Butanoic Acid Ester	1.91
29.041	Isoamyl angelate	4.86
29.326	Isoamyl tiglate	8.56
29.799	Amyl angelate isomer	0.53
30.118	Pinocamphone	0.05
30.250	Pinocarvone	2.47
30.549	Unidentified	0.04
30.914	Borneol	0.08
31.208	Isopinocamphone	0.25
31.665	Unidentified	0.07
32.020	2-Methyl-2-butene angelate	1.97
32.331	Unidentified	0.13
32.532	Myrtenal	0.56
32.933	3-Methyl-3-methylpentyl butyrate	0.54
33.380	Unidentified	0.02
33.466	Isoamyl hexanoate	0.06
35.381	2-Hydroxy-2-methyl-but-3-enyl 2-methyl-2(Z)	0.28
36.222	4-Methyl amyl angelate	8.62
37.947	Hex-(3Z)-enyl angelate	0.06
38.388	Unidentified	0.05
39.386	Unidentified	0.03
40.355	2-Ethylbutyl hexanoate	0.03
44.658	alpha-Copaene	0.02
45.121	Unidentified	0.03
47.490	beta-Caryophyllene	0.06
51.295	Germacrene D	1.00
51.635	Unidentified	0.04
51.797	beta-Selinene	0.03
52.174	Bicyclogermacrene	0.04
52.558	(E,E)-alpha-Farnesene	0.13
53.485	delta-Cadinene	0.02
58.870	Unidentified	0.07
70.990	Neophytadiene	0.02
71.227	Phytone	0.04
		100.00