

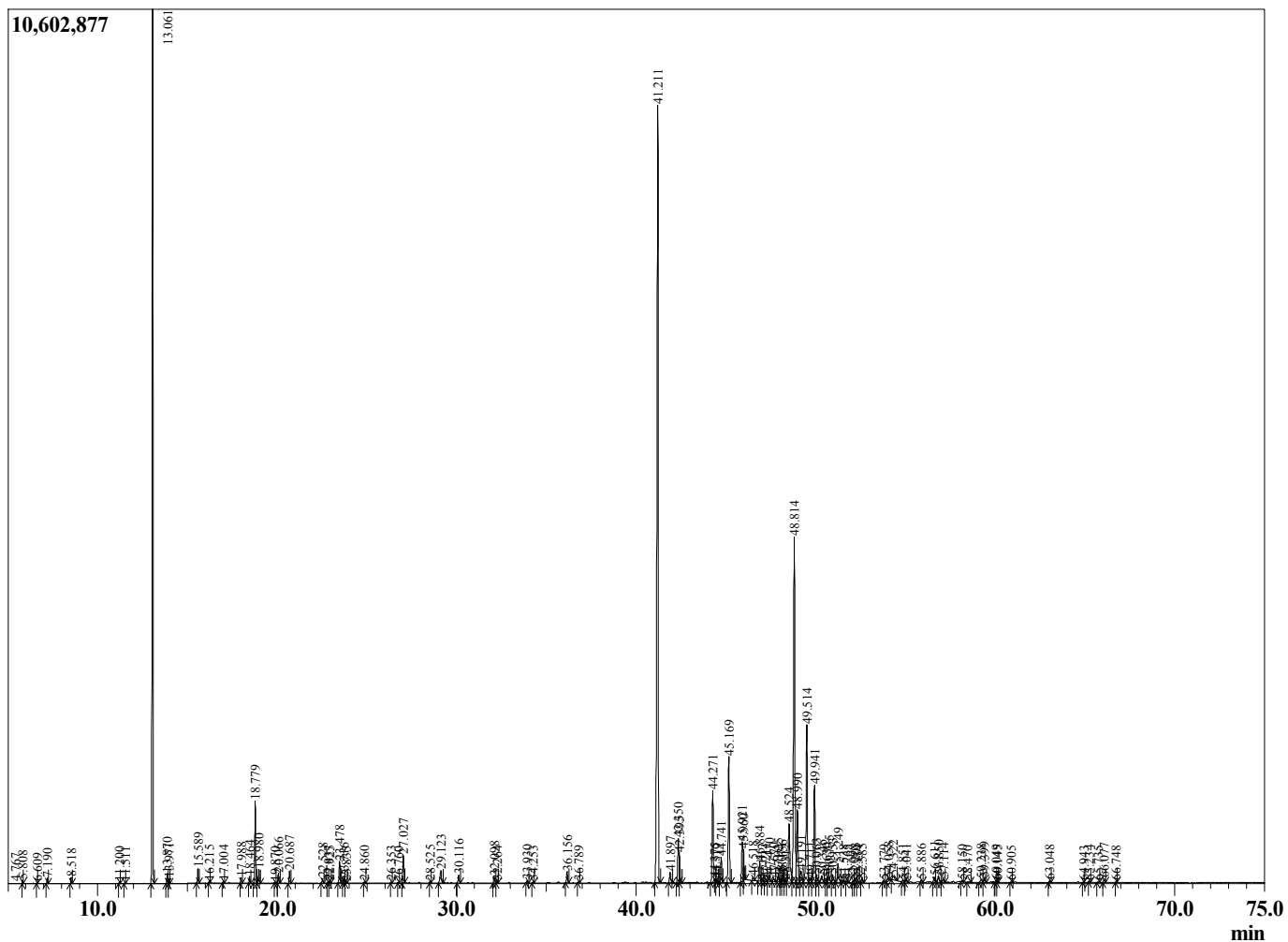
Sample Information

Sample Type : Essential Oil  
 Sample Name : Helichrysum italicum

Helichrysum Greece  
 Lot# GRN2-NT  
 Country: Greece



Chromatogram Helichrysum italicum



R.Time	Name	Area%
4.767	3-Pentanone	0.01
5.808	2-Methyl 3-pentanone	0.05
6.609	Unidentified	0.02
7.190	2-Methyl-2-heptene	0.10
8.518	4-Methyl 3-hexanone	0.10
11.200	Nonane	0.02
11.511	Bornylene	0.02
13.061	alpha-Pinene	19.79
13.870	alpha-Fenchene	0.23
13.971	Camphene	0.11
15.589	beta-Pinene	0.34
16.215	Myrcene	0.03
17.004	Isobutyl 2-methylbutyrate	0.04
17.988	alpha-Terpinene	0.13
18.464	para-Cymene	0.16
18.779	Limonene	2.08
18.980	1,8-cineole	0.37
19.870	trans-beta-Ocimene	0.02
20.066	Isobutyl angelate	0.26
20.687	gamma-Terpinene	0.32
22.528	Terpinolene	0.11
22.837	2-Nonanone	0.04
22.925	Unidentified	0.03
23.478	Linalool	0.56
23.716	2-Methylbutyl-2-methylbutyrate	0.10
23.835	Decanal	0.02
24.860	alpha-Fenchol	0.04
26.353	trans-Pinocarveol	0.02
26.760	Isoamyl angelate	0.02
27.027	Isoamyl tiglate	0.75
28.525	Borneol	0.04
29.123	Italidione	0.49
30.116	alpha-Terpineol	0.23
32.098	Nerol	0.16
32.264	Unidentified	0.03
33.930	Unidentified	0.06
34.253	Unidentified	0.03
36.156	Hexyl angelate	0.31
36.789	2-Undecanone	0.03
41.211	Neryl acetate	26.78
41.897	alpha-Ylangene	0.40
42.350	alpha-Copaene	1.47
42.395	Isoitalicene	0.68
44.271	Italicene	3.02
44.375	Unidentified	0.01
44.519	Italicene isomer	0.08
44.741	cis-alpha-Bergamotene	0.76
45.169	beta-Caryophyllene	4.04
45.921	Italidione	1.38
45.960	trans-alpha-Bergamotene	0.82
46.518	6,9-Guaiaadiene	0.10
46.884	Neryl propionate	0.58
47.012	Aromadendrene	0.03
47.211	trans-beta-Farnesene	0.08
47.410	alpha-Humulene	0.23
47.670	Alloaromadendrene	0.12

R.Time	Name	Area%
47.925	alpha-Acoradiene	0.26
48.071	Unidentified	0.08
48.156	beta-Acoradiene	0.20
48.312	4,5-di-epi-Aristolochene	0.06
48.524	Italidione	2.50
48.814	gamma-Curcumene	12.56
48.990	Ar-Curcumene	2.44
49.191	Unidentified	0.53
49.514	beta-Selinene	5.53
49.711	trans-Murrola-4(14),5-diene	0.21
49.941	alpha-Selinene	3.31
50.063	alpha-Murolene	0.24
50.346	delta-Amorphene	0.29
50.630	beta-Bisabolene	0.10
50.735	beta-Curcumene	0.38
50.953	gamma-Cadinene	0.31
51.249	delta-Cadinene	0.68
51.538	Zonarene	0.09
51.765	trans-gamma-Bisabolene	0.06
52.098	trans-Cadine-1,4-diene	0.06
52.203	Unidentified	0.11
52.354	alpha-Cadinene	0.05
52.585	trans-alpha-Bisabolene	0.13
53.779	trans-Nerolidol	0.07
54.058	Italidione	0.11
54.322	Italidione	0.22
54.851	Italidione	0.07
55.041	Caryophyllene oxide	0.10
55.886	Guaiol	0.08
56.611	Unidentified	0.17
56.850	Rosifoliol	0.24
57.114	Unidentified	0.14
58.150	beta-Eudesmol	0.04
58.470	tau-Cadinol	0.04
59.238	alpha-Eudesmol	0.14
59.399	Unidentified	0.15
60.049	beta-Bisabolol	0.06
60.145	Unidentified	0.03
60.905	Unidentified	0.03
63.048	Neryl hexanoate	0.06
64.943	Unidentified	0.02
65.234	Unidentified	0.02
65.735	Unidentified	0.02
66.077	Unidentified	0.12
66.748	Unidentified	0.02
		100.00