

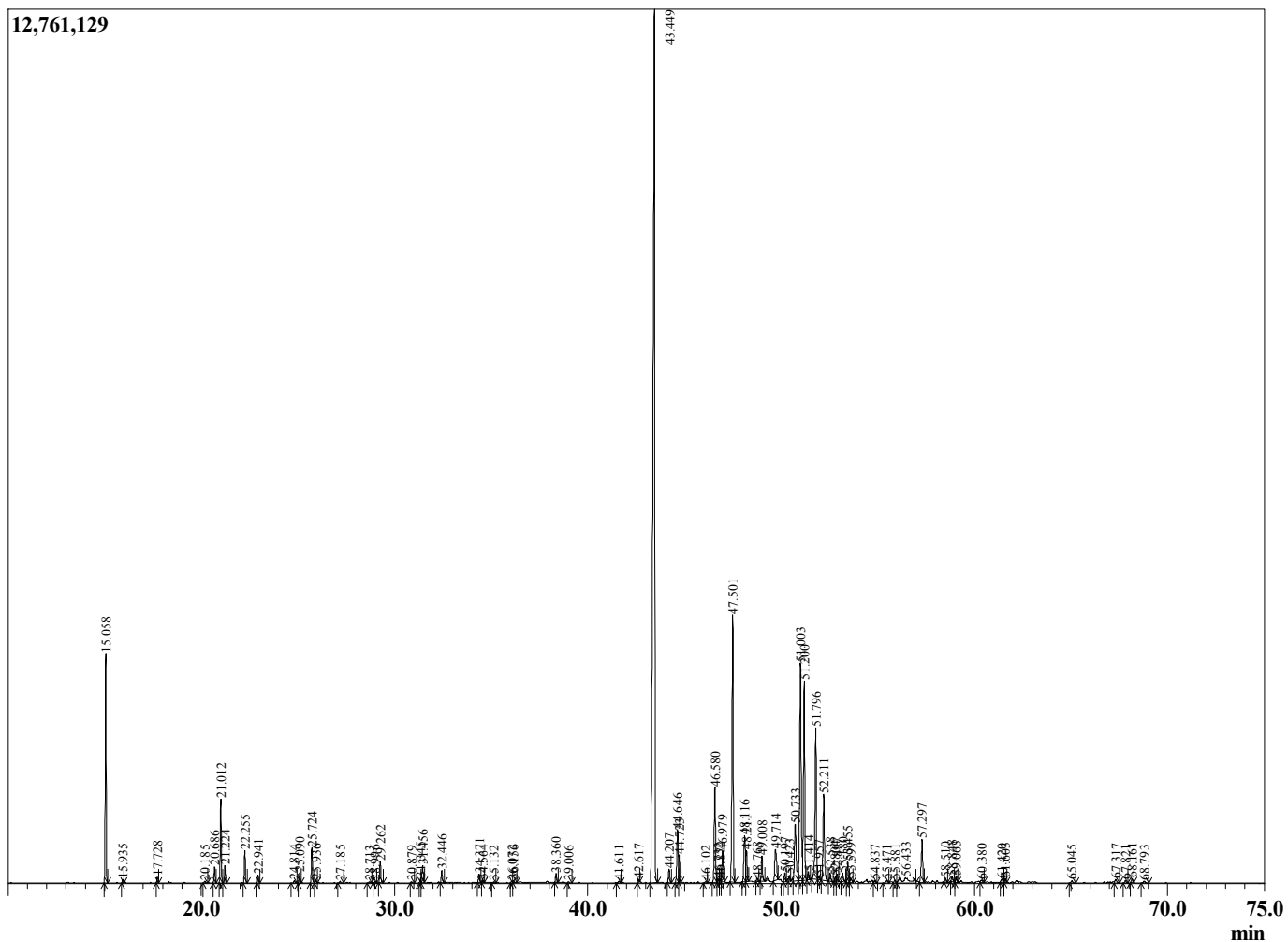
Sample Information

Analyzed : 7/9/2020 6:51:15 PM
 Sample Type : Essential Oil
 Sample Name : Helichrysum italicum
 Injection Volume : 0.10

Helichrysum
 Lot# COZ18-ZT
 Country: Corsica



Chromatogram Helichrysum italicum



R.Time	Name	Area%
15.058	alpha-Pinene	4.86
15.935	alpha-Fenchene	0.07
17.728	beta-Pinene	0.14
20.185	alpha-Terpinene	0.05
20.686	para-Cymene	0.38
21.012	Limonene	1.98
21.224	1,8-Cineole	0.41
22.255	Isobutyl angelate	0.77
22.941	gamma-Terpinene	0.18
24.814	Terpinolene	0.08
25.090	Isobutyl tiglate	0.28
25.724	Linalool	0.88
25.936	2-Methylbutyl-2-methylbutyrate	0.07
27.185	endo-Fenchol	0.04
28.713	trans-Pinocarveol	0.04
28.996	trans-Verbenol	0.05
29.262	Isoamyl tiglate	0.55
30.879	Borneol	0.04
31.345	Unidentified	0.11
31.456	Terpinen-4-ol	0.53
32.446	alpha-Terpineol	0.33
34.371	Nerol	0.24
34.564	3,5-Dimethyloctane-4,6-dione	0.06
35.132	Hexyl-2-methylbutyrate	0.03
36.072	Linalyl acetate	0.05
36.156	Unidentified	0.07
38.360	Hexyl angelate	0.25
39.006	2-Undecanone	0.05
41.611	Unidentified	0.06
42.617	alpha-Terpinyl acetate	0.09
43.449	Neryl acetate	37.48
44.207	Cyclosativene	0.43
44.646	alpha-Copaene	1.73
44.723	Isoitalicene	0.63
46.102	Tetradecane	0.04
46.580	Italicene	2.87
46.732	alpha-Duprezianene	0.11
46.872	Unidentified	0.10
46.979	cis-alpha-Bergamotene	0.89
47.501	trans-beta-Caryophyllene	8.13
48.116	2,5,7-Trimethyldec-2-en-6,8-dione	1.81
48.211	trans-alpha-Bergamotene	0.78
48.768	6,9-Guaidiene	0.08
49.008	Neryl propionate	0.74
49.714	alpha-Humulene	1.30
50.197	alpha-Acoradiene	0.25
50.423	beta-Acoradiene	0.16
50.733	5,7,10-Trimethylundec-9-en-4,6-dione	2.39
51.003	gamma-Curcumene	7.67
51.200	Ar-Curcumene	6.08
51.414	(Z,E)-alpha-Farnesene	0.25
51.796	beta-Selinene	4.70
51.957	trans-Muurolo-4(14),5-diene	0.10
52.211	alpha-Selinene	2.84
52.538	5,7,10-Trimethylundec-9-en-4,6-dione isomer	0.26
52.804	beta-Bisabolene	0.14

R.Time	Name	Area%
52.897	beta-Curcumene	0.23
53.180	gamma-Cadinene	0.29
53.455	delta-Cadinene	0.58
53.599	alpha-Panasinsene	0.16
54.837	alpha-Calacorene	0.07
55.471	Unidentified	0.11
55.881	trans-Nerolidol	0.08
56.433	3,5,7,10-Tetramethylundec-9-en-4,6-dione	0.99
57.297	Caryophyllene oxide	1.49
58.510	Unidentified	0.12
58.848	Unidentified	0.19
59.063	Rosifoliol	0.16
60.380	Unidentified	0.10
61.420	alpha-Eudesmol	0.11
61.603	Unidentified	0.11
65.045	Unidentified	0.08
67.317	Unidentified	0.14
67.821	Unidentified	0.08
68.161	Unidentified	0.12
68.793	Unidentified	0.08
		100.00