

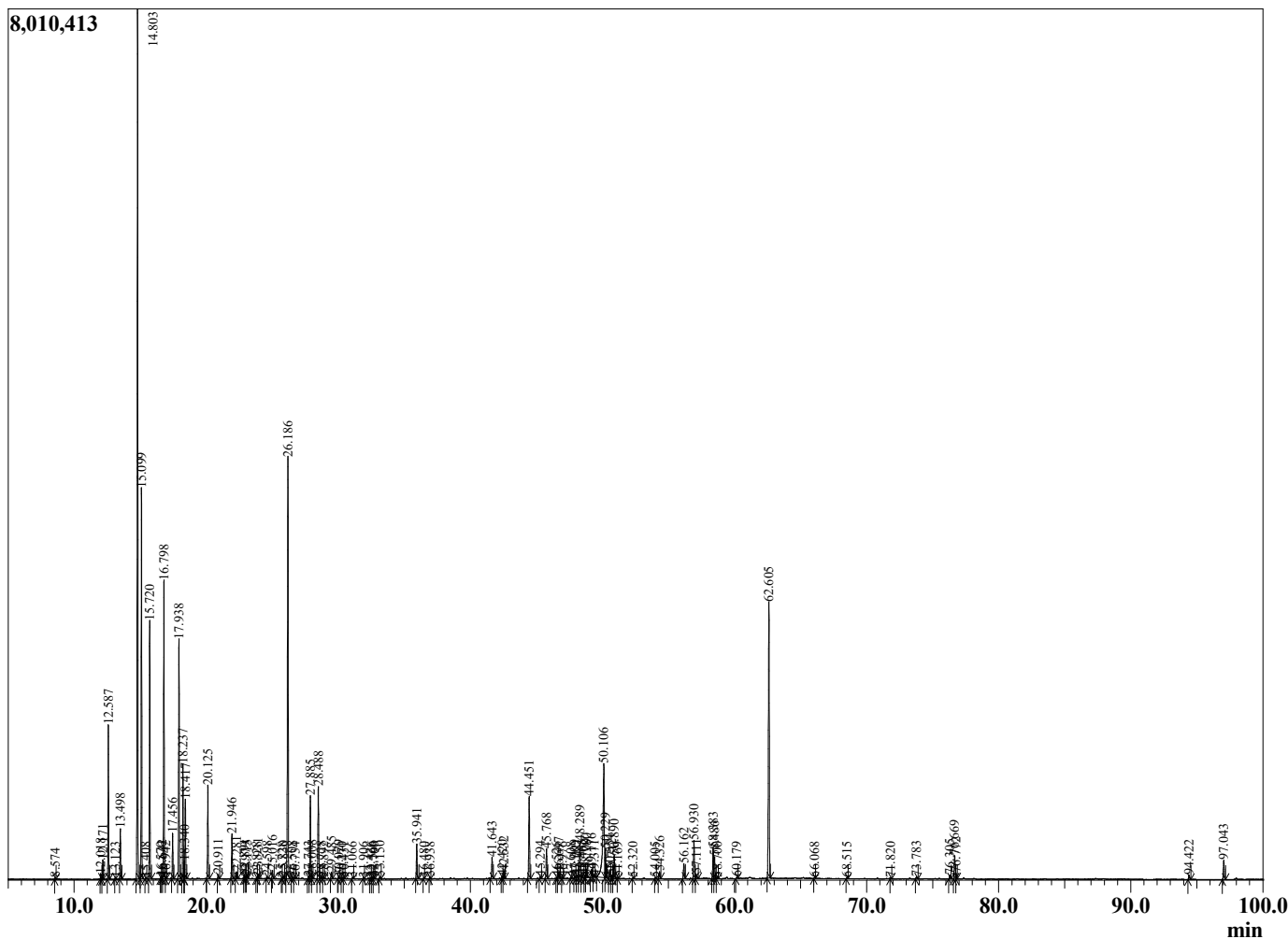
Sample Information

Sample Type : Essential Oil
 Sample Name : Tanacetum annuum
 Injection Volume : 0.10

Tansy Blue
 Lot# MOX9-XH
 Country: Morocco



Chromatogram Tanacetum annuum



R.Time	Name	Area%
8.574	Ethyl 2-methylbutyrate	0.03
12.018	Tricyclene	0.10
12.171	alpha-Thujene	0.34
12.587	alpha-Pinene	2.84
13.123	Propyl 2-methylbutyrate	0.03
13.498	Camphene	0.96
14.803	Sabinene	18.48
15.099	beta-Pinene	7.63
15.408	6-Methyl hept-5-en-2-one	0.02
15.720	Myrcene	5.20
16.570	Octanal	0.03
16.642	Pseudolimonene	0.06
16.798	alpha-Phellandrene	6.14
16.942	delta-3-Carene	0.04
17.456	alpha-Terpinene	0.94
17.938	para-Cymene	5.28
18.237	Limonene	2.49
18.340	beta-Phellandrene	0.31
18.417	1,8-Cineole	1.74
20.125	gamma-Terpinene	2.07
20.911	trans-Sabinene hydrate	0.11
21.946	Terpinolene	1.01
22.281	6,7-Epoxymyrcene	0.17
22.891	Linalool	0.08
22.979	cis-Sabinene hydrate	0.03
23.115	2-Methylbutyl-2-methylbutyrate	0.07
23.828	4,8-Dimethyl nona-1,3,7-triene	0.02
23.931	Unidentified	0.11
24.598	cis-para-Menth-2-en-1-ol	0.06
25.016	Limona ketone	0.20
25.728	trans-Pinocarveol	0.02
25.830	cis-beta-Terpineol	0.07
26.186	Camphor	10.69
26.508	Unidentified	0.05
26.734	Unidentified	0.02
27.743	Carvenone	0.05
27.885	Borneol	2.02
28.008	Carvenone	0.06
28.488	Terpinen-4-ol	2.26
28.728	Unidentified	0.07
28.892	para-Cymen-8-ol	0.02
29.485	alpha-Terpineol	0.19
30.029	alpha-Phellandrene epoxide	0.06
30.270	Decanal	0.03
30.431	trans-Piperitol	0.03
31.066	Unidentified	0.04
31.906	Hex-(3Z)-enyl 2-methylbutyrate	0.03
32.426	Pulegone	0.03
32.566	Unidentified	0.05
32.706	Cuminal	0.05
33.150	Carvotanacetone	0.06
35.941	Thymol	0.87
36.480	Carvacrol	0.02
36.938	2-Methyl-4-methylhexylbutyrate	0.04
41.643	alpha-Copaene	0.59
42.420	7-epi-Sesquithujene	0.07

R.Time	Name	Area%
42.532	beta-Elemene	0.18
44.451	beta-Caryophyllene	2.20
45.294	Unidentified	0.06
45.768	cis-beta-Farnesene	0.82
46.526	trans-beta-Farnesene	0.03
46.697	alpha-Humulene	0.16
46.976	Alloaromadendrene	0.03
47.608	4,5-di-epi-Aristolochene	0.03
47.909	trans-Cadina-1(6),4-diene	0.06
48.081	gamma-Curcumene	0.09
48.289	Germacrene D	1.03
48.465	trans-beta-Bergamotene	0.10
48.700	Unidentified	0.08
48.780	beta-Selinene	0.24
49.176	Bicyclogermacrene	0.25
49.371	alpha-Murolene	0.04
50.106	3,6-Dihydrochamazulene	5.54
50.229	Dihydrochamazulene isomer	0.75
50.554	delta-Cadinene	0.25
50.712	Dihydrochamazulene isomer	0.11
50.890	beta-Sesquiphellandrene	0.63
51.169	Dihydrochamazulene isomer	0.03
52.320	Elemol	0.03
54.005	Spathulenol	0.03
54.326	Caryophyllene oxide	0.20
56.162	5,6-Dihydrochamazulene	0.42
56.930	Unidentified	1.06
57.111	Eremoligenol isomer	0.15
58.383	7,12-Dehydro-5,6,7,8-tetrahydrochamazulene	0.91
58.486	alpha-Eudesmol	0.63
58.700	Unidentified	0.03
60.179	Unidentified	0.04
62.605	Chamazulene	7.91
66.068	Unidentified	0.02
68.515	Phytone	0.04
71.820	Unidentified	0.03
73.783	meta-Camphorene	0.06
76.305	Unidentified	0.11
76.669	9-(15,16-Dihydro-15-methylenegeranyl)-alph:	0.69
76.772	9-(15,16-Dihydro-15-methylenegeranyl)-para	0.13
94.422	Unidentified	0.12
97.043	Unidentified	0.56
		100.00