

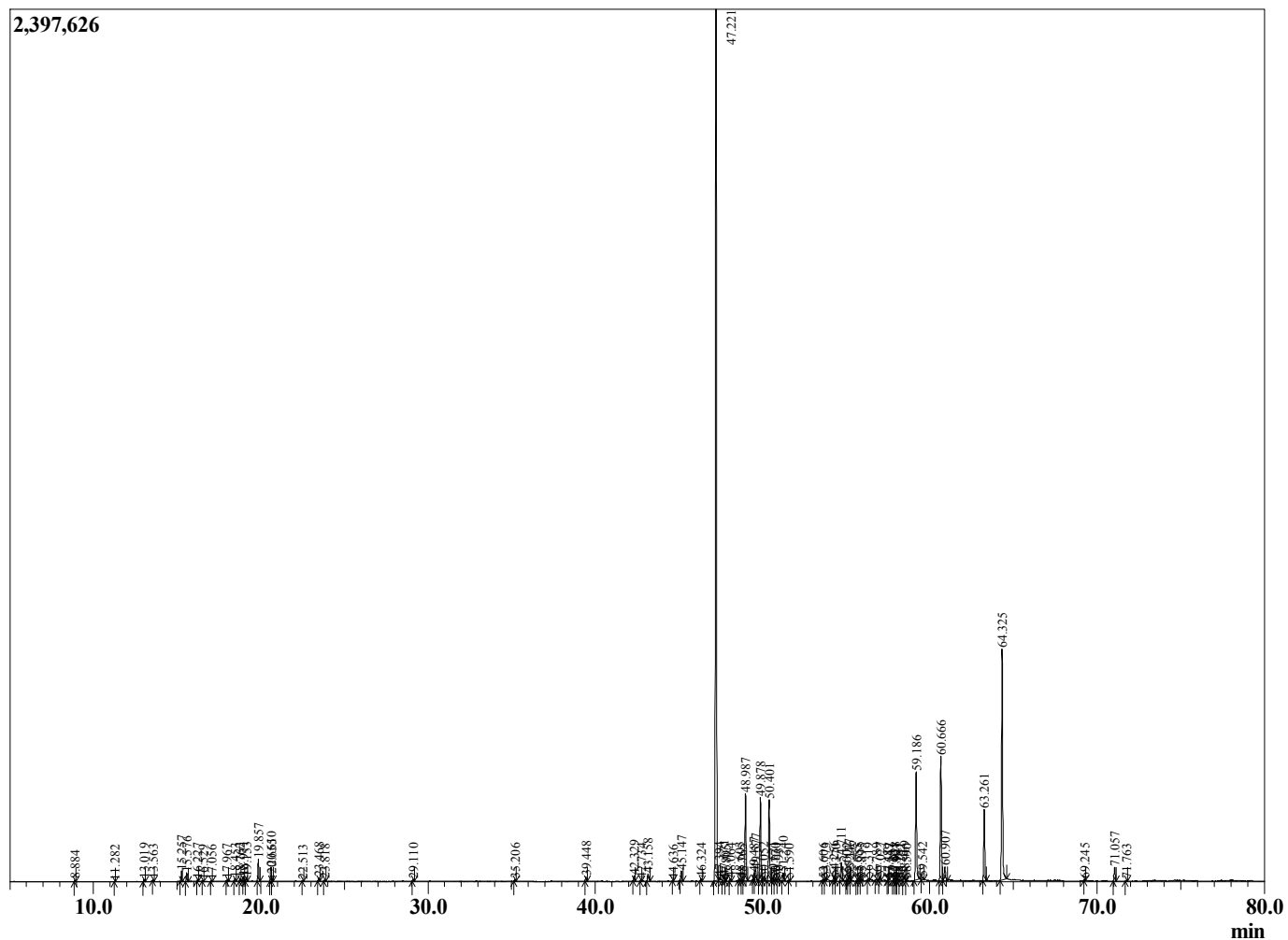
Sample Information

Sample Type : Essential Oil
 Sample Name : Matricaria chamomilla

German Chamomile
 Lot# BUR21-RT
 Country: Bulgaria



Chromatogram Matricaria chamomilla



R.Time	Name	Area%
4.235	3-Methylbutanal	0.02
4.347	2-Methylbutanal	0.01
8.884	Ethyl 2-methylbutyrate	0.07
11.282	Unidentified	0.02
13.019	alpha-Pinene	0.09
13.563	Propyl 2-Methylbutyrate	0.02
15.257	Sabinene	0.42
15.576	beta-Pinene	0.37
16.227	2-Pentyl furan	0.10
16.529	Yomogi alcohol	0.04
17.056	Octanal	0.03
17.967	alpha-Terpinene	0.04
18.453	para-Cymene	0.10
18.762	Limonene	0.10
18.971	1,8-Cineole	0.15
19.153	cis-beta-Ocimene	0.15
19.857	trans-beta-Ocimene	0.94
20.610	Artemisia Ketone	0.65
20.655	gamma-Terpinene	0.16
22.513	Terpinolene	0.03
23.468	Linalool	0.18
23.818	Nonanal	0.06
29.110	Terpinen-4-ol	0.09
35.206	Unidentified	0.08
39.448	delta-Elementene	0.22
42.329	alpha-Copaene	0.23
42.734	Modheph-2-ene	0.07
43.158	alpha-Isocomene	0.48
44.636	Unidentified	0.02
45.147	beta-Caryophyllene	0.48
46.324	Aromadendrene	0.09
47.221	trans-beta-Farnesene	43.97
47.394	alpha-Humulene	0.12
47.671	Alloaromadendrene	0.23
47.805	Unidentified	0.03
48.064	Dehydrosesquicineole	0.09
48.603	trans-Cadina-1(6),4-diene	0.13
48.765	gamma-Curcumene	0.02
48.987	Germacrene D	4.63
49.487	beta-Selinene	0.36
49.577	(Z,Z)-alpha-Farnesene	0.68
49.878	Bicyclogermacrene	4.65
50.052	alpha-Murolene	0.13
50.401	(E,E)-alpha-Farnesene	4.24
50.621	beta-Bisabolene	0.16
50.770	3,6-Dihydrochamazulene	0.07
50.931	gamma-Cadinene	0.09
51.240	delta-Cadinene	0.39
51.590	beta-Sesquiphellandrene	0.04
53.606	Unidentified	0.06
53.773	trans-Nerolidol	0.09
54.256	Dendaralasin	0.18
54.370	Unidentified	0.03
54.711	Spathulenol	1.00
55.002	Caryophyllene oxide	0.07
55.177	Unidentified	0.31

R.Time	Name	Area%
55.246	Viridiflorol	0.14
55.655	Unidentified	0.05
55.755	Unidentified	0.16
55.895	Unidentified	0.05
56.319	Unidentified	0.10
56.789	Unidentified	0.04
57.027	Unidentified	0.11
57.489	Unidentified	0.01
57.547	Unidentified	0.04
57.831	Unidentified	0.11
57.928	Unidentified	0.15
57.997	Unidentified	0.03
58.101	Unidentified	0.07
58.252	Unidentified	0.06
58.469	tau-Cadinol	0.25
58.590	epi-alpha-Cadinol	0.04
59.186	alpha-Bisabolol oxide B	6.26
59.542	Unidentified	0.17
60.666	alpha-Bisabolone oxide A	6.87
60.907	alpha-Bisabolol	0.88
63.261	Chamazulene	3.65
64.325	alpha-Bisabolol oxide A	12.65
69.245	Phytone	0.05
71.057	cis-Spiroether	0.73
71.763	trans-Spiroether	0.05
		100.00