

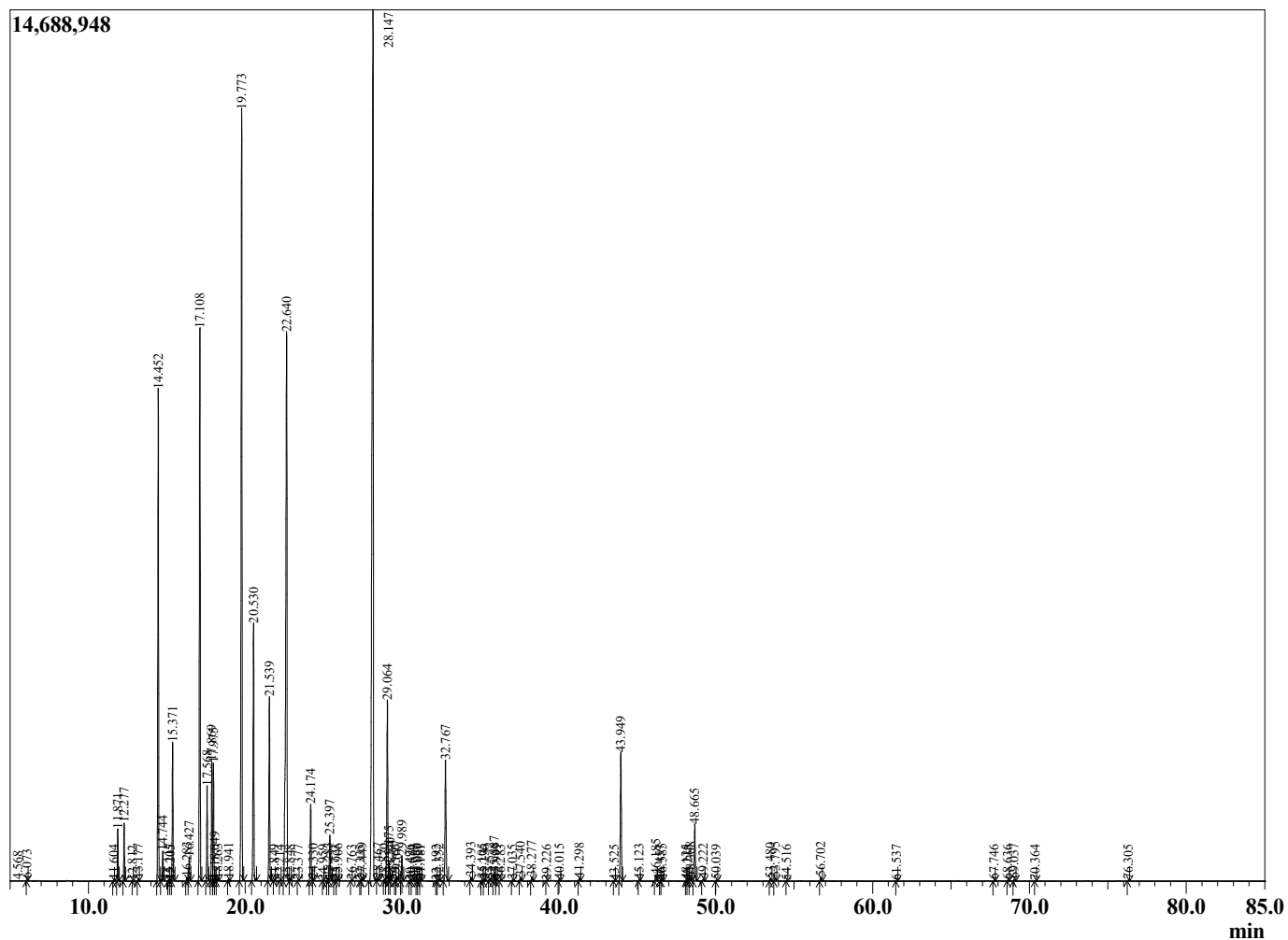
Sample Information

Sample Type : Essential Oil
Sample Name : **Origanum majorana**
Injection Volume : 0.10

Marjoram Sweet Egypt
Lot# EGR11-RC
Country: Egypt



Chromatogram Origanum majorana



Peak Report TIC

R.Time	Name	Area%
4.030	3-Methylbutanal	0.01
4.138	2-Methylbutanal	0.01
4.568	2-Ethyl furan	0.01
6.073	Methyl 2-methylbutyrate	0.02
11.604	Hashishene	0.01
11.871	alpha-Thujene	0.69
12.277	alpha-Pinene	0.77
12.812	Unidentified	0.00
13.177	Camphene	0.03
14.452	Sabinene	7.36
14.744	beta-Pinene	0.43
15.117	3-Octanone	0.02
15.205	3-Methyl-3-cyclohexen-1-one	0.01
15.371	Myrcene	2.05
16.283	Pseudolimonene	0.06
16.427	alpha-Phellandrene	0.37
17.108	alpha-Terpinene	9.01
17.568	para-Cymene	1.47
17.869	Limonene	1.93
17.975	beta-Phellandrene	1.89
18.049	1,8-Cineole	0.16
18.263	cis-beta-Ocimene	0.03
18.941	trans-beta-Ocimene	0.04
19.773	gamma-Terpinene	14.00
20.530	trans-Sabinene hydrate	4.49
21.539	Terpinolene	3.08
21.849	para-Cymenene	0.01
22.214	Unidentified	0.01
22.640	cis-Sabinene hydrate	13.87
22.848	Nonanal	0.01
23.377	1,3,8-para-Menthatriene	0.01
24.174	cis-para-Menth-2-en-1-ol	1.34
24.330	alpha-Campholenal	0.02
24.959	Terpin-3-en-1-ol	0.01
25.283	trans-Pinoacarveol	0.05
25.397	trans-para-Menth-2-en-1-ol	0.81
25.723	Camphor	0.02
25.906	Unidentified	0.02
26.763	Pinocarvone	0.01
27.335	delta-Terpineol	0.00
27.449	Borneol	0.03
28.147	Terpinen-4-ol	23.66
28.467	para-Cymen-8-ol	0.04
28.870	Unidentified	0.02
29.064	alpha-Terpineol	3.42
29.175	cis-Piperitol	0.33
29.240	cis-Dihydrocarvone	0.09
29.566	Unidentified	0.01
29.677	trans-Dihydrocarvone	0.07
29.989	trans-Piperitol	0.46
30.496	Unidentified	0.01
30.664	trans-Carveol	0.03
30.960	Unidentified	0.02
31.027	Nerol	0.04
31.181	Citronellol	0.02
32.192	Unidentified	0.01

R.Time	Name	Area%
32.352	Carvone	0.02
32.767	Linalyl acetate	2.56
34.393	cis-Ascrinol glycol	0.07
35.105	Bornyl acetate	0.03
35.236	Anethole	0.02
35.572	trans-Ascrinol glycol	0.04
35.887	4-Terpinenyl acetate	0.18
35.999	Carvacrol	0.02
36.283	Unidentified	0.02
37.035	Unidentified	0.01
37.540	Unidentified	0.07
38.277	delta-Elementene	0.08
39.226	alpha-Terpinyl acetate	0.01
40.015	Neryl acetate	0.03
41.298	Geranyl acetate	0.05
43.525	Unidentified	0.01
43.949	beta-Caryophyllene	2.64
45.123	Aromadendrene	0.03
46.185	alpha-Humulene	0.11
46.457	Alloaromadendrene	0.01
46.585	Unidentified	0.02
48.125	para-Menthane-1,2,4-triol	0.01
48.218	Unidentified	0.01
48.388	Viridiflorene	0.07
48.665	Bicyclogermacrene	1.14
49.222	trans,trans-alpha-Farnesene	0.04
50.039	delta-Cadinene	0.02
53.480	Spathulenol	0.05
53.795	Caryophyllene oxide	0.06
54.516	Viridiflorol	0.01
56.702	Unidentified	0.08
61.537	Unidentified	0.01
67.746	Unidentified	0.01
68.636	Unidentified	0.01
69.037	Unidentified	0.03
70.364	Unidentified	0.01
76.305	Rimuene	0.01
		100.00