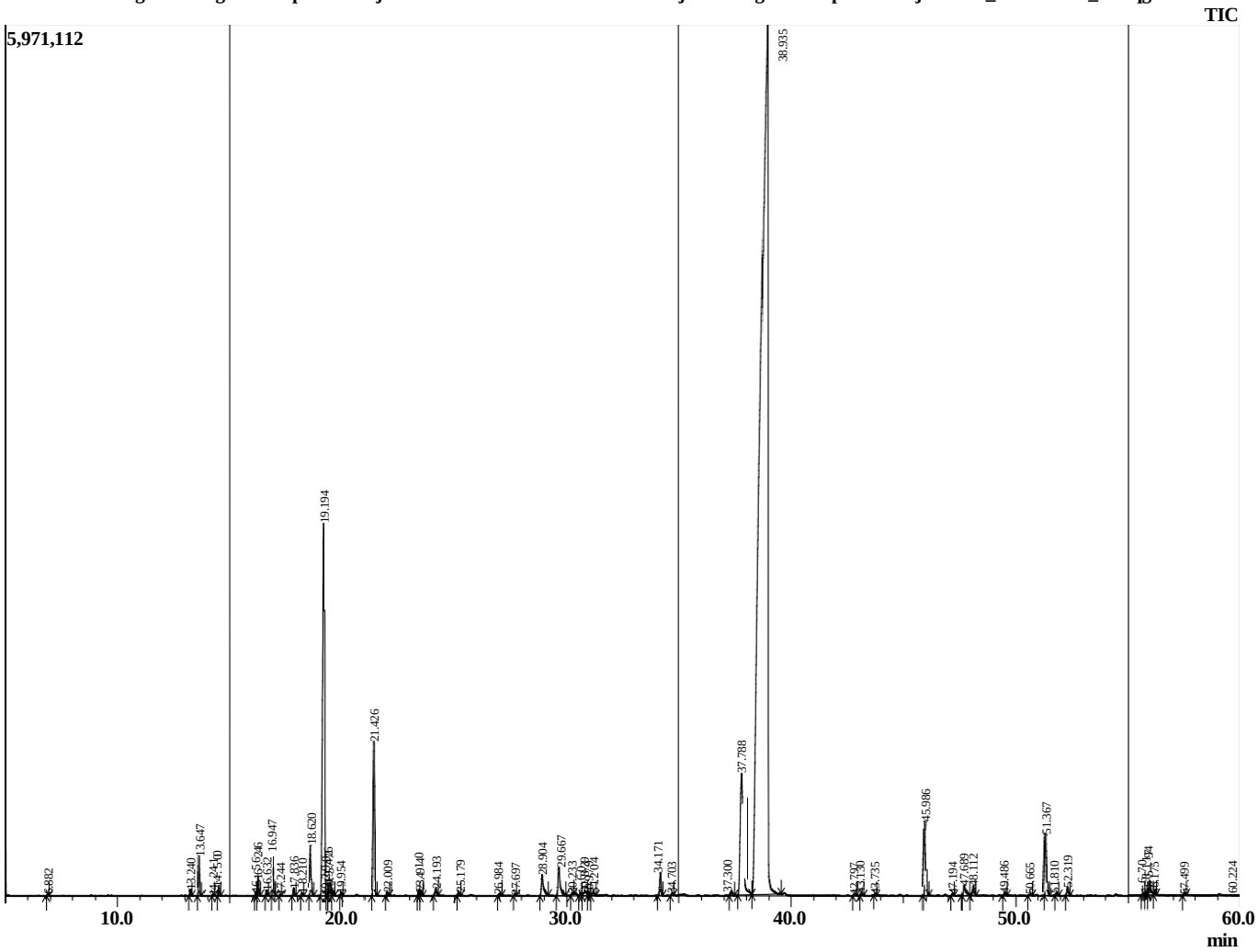
BIORUŽA, s. r. o.

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Analyzed Sample : **8/21/2023 1:47:29 AM**
Type Sample Name : **Essential Oil**
Sample ID Injection : **Oregano sample**
Volume : **Pv200823C**
: **1.00**
Data File : **C:\GCMSsolution\Data\Project1\Oregano sample**

Chromatogram Oregano sample of Budjak LTD C:\GCMSsolution\Data\Project1\Oregano sample of Budjak LTD_Pv200823C_003.qgd



Comments:

Typical Ranges of Main Components:

Peak Report TIC

R.Time	Name	Area%
6.882	Butanoic acid, 2-methyl-, methyl ester	0.029
13.240	Thujene <alpha->	0.080
13.647	Pinene <alpha>	0.505
14.241	Thuja-2,4(10)diene[RT22.956, AI953]	0.019
14.500	Camphene [RT 23.475, AI 954]	0.137
16.156	Pinene <beta->	0.062
16.246	1-Octen-3-ol	0.276
16.632	3-Octanone[RT26.32, AI979]	0.083
16.947	Myrcene	0.626
17.244	3-Octanol	0.016
17.836	Phellandrene <alpha->	0.112
18.210	3-Carene	0.045
18.620	Terpinene <alpha->[RT 28.853, AI 1017]	0.742
19.194	Cymene <para->	6.846
19.290	Bicyclo[3.1.0]hex-3-en-2-ol, 2-methyl-5-(1-m	0.016
19.426	Limonene	0.295
19.577	1,8-cineole	0.061
19.954	Ocimene <Z-beta>	0.051
21.426	Terpinene <gamma>	2.478
22.009	4-Thujanol	0.069
23.410	Terpinolene	0.092
23.494	Dehydro-p-cymene[RT34.771, AI1086]	0.091
24.193	Linalool [RT 35.67, AI 1096]	0.156
25.179	3,5-Heptadien-2-one, 6-methyl-, (E)-	0.075
26.984	Carveol	0.039
27.697	Ethanone, 1-(1,4-dimethyl-3-cyclohexen-1-yl)	0.025
28.904	Borneol [RT 41.343, AI 1179]	0.554
29.667	Terpinen-4-ol	0.758
30.233	Benzenemethanol, .alpha.,.alpha.,4-trimethyl-	0.033
30.609	.BETA. FENCHYLALCOHOL	0.065
30.839	Terpineol <alpha>	0.161
30.979	Carvone <dihydro-cis> [RT43.785, AI1191]	0.052
31.204	Cyclohexanone, 2-methyl-5-(1-methylethenyl)	0.095
34.171	Methyl thymol ether[RT46,235, AI1232]	0.399
34.703	2-Cyclohexen-1-one, 2-methyl-5-(1-methyleth	0.043
37.300	Carvacrol[RT50.657, AI1298]	0.087
37.788	Thymol[RT50.175, AI1289]	4.638
38.935	Carvacrol[RT50.657, AI1298]	75.834
42.797	Thymol acetate [RT55.290, AI1349]	0.032
43.130	Copaene<allpha>	0.061
43.735	.BETA. BOURBONENE	0.023
45.986	Caryophyllene	1.384
47.194	Alloaromadendrene	0.037
47.689	2-METHOXY-4-ETHYL-6-METHYLPHENO	0.299
48.112	Humulene <alpha> [RT 61.826, RI 1452]	0.209
49.486	Murrola-4(14),5-diene<trans> [RT64.213 AI1	0.062
50.665	Isomer of alloaromanderene [RT70.609, PI15	0.037
51.367	Bisabolene <beta->	1.148
51.810	Cadinene <gamma-> [RT65.496, AI1513]	0.051
52.319	Cadinene <delta-> [RT65.784, AI1523]	0.171
55.670	Spathulenol	0.033
55.811	Caryophyllene oxide	0.033
55.974	Caryophyllene oxide	0.353
56.175		0.024
57.499	Humulene epoxide II [RT71.580, AI1608]	0.033
60.224	Caryophyllene <14-hydroxy-9epi-Z>	0.030
74.292	Naphthalene, 1,2,3,4,4a,5,6,7-octahydro-4a-m	0.140
83.751	Naphtho[1,2-b]furan-2,8(3H,4H)-dione, 3a,5,	0.025
84.000	Androst-8-en-11-one, (5.alpha.)-	0.034
84.405	Dispiro[cyclobutane-1,6'(4'H)-[1,4]ethanonap	0.035
		100.000