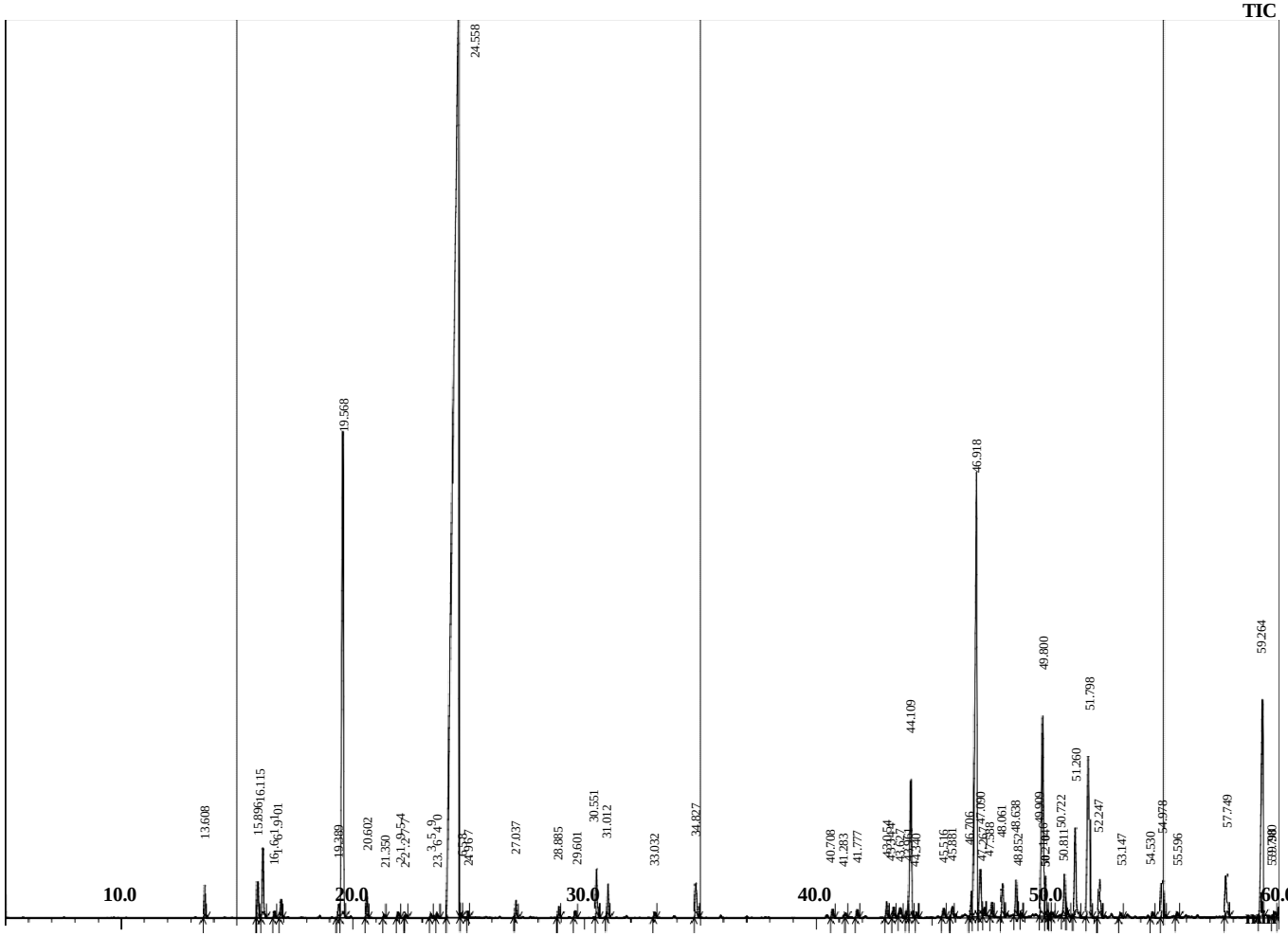
Sample Information

Sample Type : **Essential Oil BIO**

Sample Name : **Basilicum sample**
Sample ID : **Pb260225E**
Injection Volume : **1.00**
Data File : **C:\GCMSsolution\Data\Project1\Basilicum sample**

Chromatogram Basilicum sample of C:\GCMSsolution\Data\Project1\Basilicum sample _Pb260225E_005.qgd 11,753,819



Peak Report TIC

R.Time	Name	Area%
13.608	Pinene <alpha>[RT22.163, AI 939]	0.374
15.896	Sabinene	0.446
16.115	Pinene <beta->	0.902
16.611	Hept-5-en-2-one <6-methyl->	0.085
16.901	Myrcene	0.240
19.389	Limonene [RT 30.079, AI 1029]	0.261
19.568	1,8-cineole	8.022
20.602	Ocimene <E-beta>	0.281
21.350	Terpinene <gamma>	0.044
21.954	4-Thujanol <trans> [RT33.145, AI1065]	0.094
22.277	Linalool oxide <trans-(pyranoid)> [RT34.51,	0.053
23.359	Linalool oxide <cis-(furanoid)> [RT33.211, A	0.066
23.640	Epoxymyrcene <6,7> [RT34.755, AI1090]	0.065
24.558	Linalool	52.810
24.658	Hotrienol [RT35.761, PI1099]	0.048
24.967	Octen-3-yl acetate<1>	0.075
27.037	Myroxide <trans>	0.244
28.885	Terpineol <delta>	0.160
29.601	Terpinen-4-ol [RT41.860, AI1177]	0.105
30.551	Terpineol <alpha>	0.731
31.012	Methyl chavicol	0.482
33.032	Nerol[RT45.229, AI1227]	0.076
34.827	Geraniol [RT47.152, AI1250]	0.614
40.708	2-Oxabicyclo[2.2.2]octan-6-ol, 1,3,3-trimethy	0.138
41.283	.alpha.-Cubebene	0.067
41.777	Eugenol	0.128
43.054	Copaene <alpha> [RT 56.323, AI1376]	0.264
43.344	NERYLACETATE	0.164
43.627	Bicyclo[4.3.0]nonane, 7-methylene-2,4,4-trim	0.189
43.961	Cadina-1(6),4-diene <cis>[RT62.224 ,AI1461	0.211
44.109	Elemene <beta>	2.341
44.340	Cubebene <alpha>[RT54.253, AI1348]	0.071
45.516	Bergamotene <cis-alpha> [RT58.811, AI1411]	0.158
45.881	Caryophyllene [RT 59.48, AI 1408]	0.251
46.706	1H-Cyclopropa[a]naphthalene, 1a,2,3,5,6,7,7a	0.413
46.918	Bergamotene <trans-alpha>	10.158
47.090	Guaiene <alpha>	0.847
47.267	Farnesene <Z-beta> [RT60.605, AI1440]	0.115
47.588	Murrola-3,5-diene <cis>	0.225
48.061	Humulene <alpha>	0.664
48.638	Cadina-1(6),4-diene <cis>[RT62.224 ,AI1461	0.573
48.852	Acorenol <alpha> [RT73.00, AI1632]	0.043
49.800	Germacrene D	3.756
49.909	Farnesene <(E)-, beta->	0.604
50.106	Selinene <beta-> [RT64.023 AI1490]	0.055
50.204	10s,11s-Himachala-3(12),4-diene	0.070
50.722	Bicyclogermacrene	0.744
50.811	Aciphyllene[RT64.435, AI1501]	0.132
51.260	Bulnesene <alpha> [RT64.94, 1509]	1.642
51.798	Cadinene <gamma->	2.888
52.247	Cedrene <beta-> [RT59.765, AI1419]	0.685
53.147	Naphthalene, 1,2,4a,5,6,8a-hexahydro-4,7-dim	0.081
54.530	Nerolidol <trans>	0.102
54.978	Ubasil	0.654
55.596	Spathulenol	0.079
57.749	Cubenol<1, 10 di-epi>	0.729
59.264	Muurolol <alpha> (=Torreyol)	4.127
59.980	Cadinol <alpha>[RT74.309, AI1652]	0.191
59.798	2-Naphthalenemethanol, decahydro-.alpha.,.al	0.107
61.619	Bisabolol <alpha->	0.054
		100.000

Comments:

Typical Ranges of Main Components:

BIORUŽA s.r.o., Laborecká 1, 01001 Žilina, Slovakia , 00421 905 864 140, info@emerosa.sk , www.emerosa.sk