

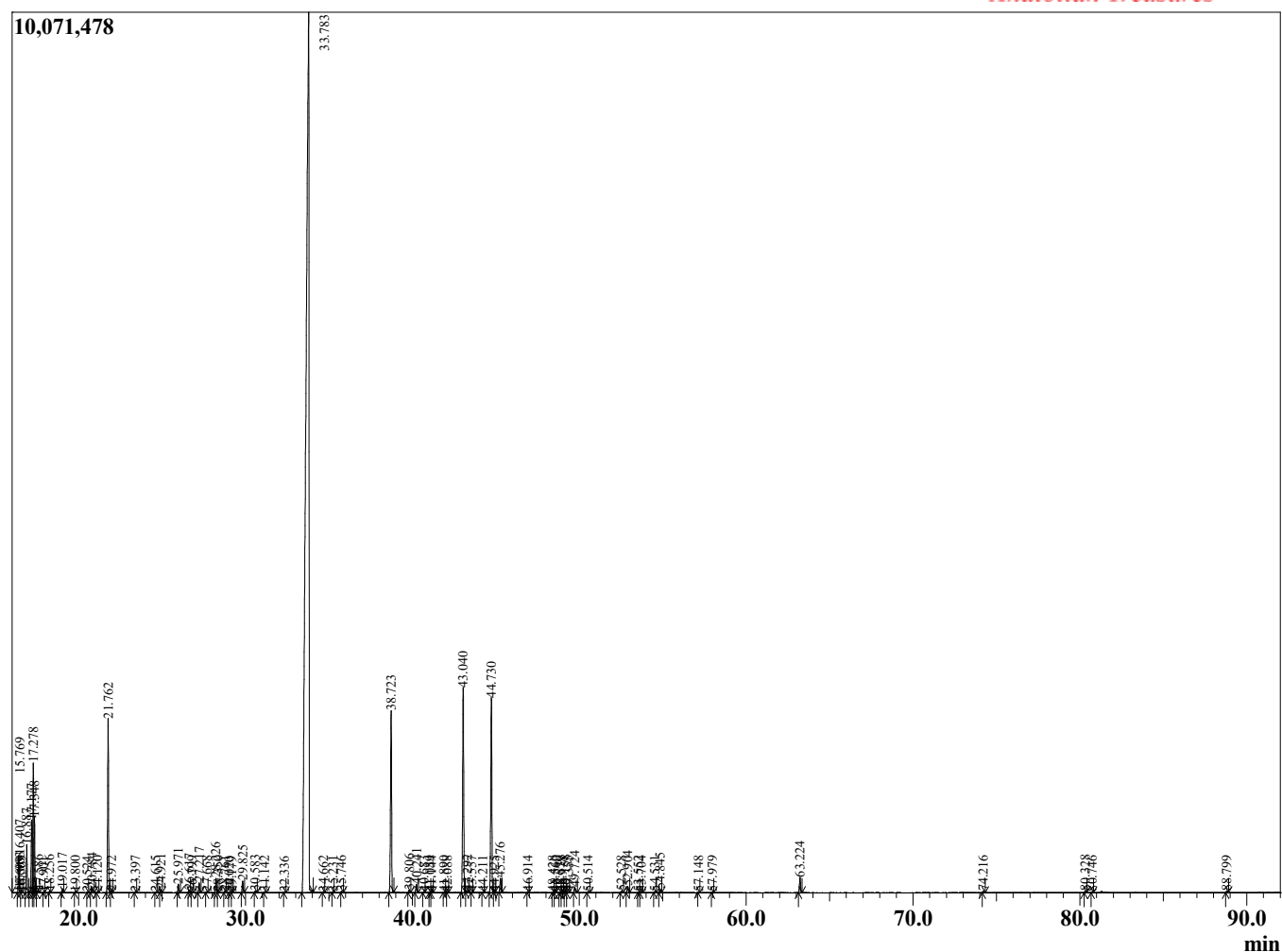
# Sample Information

Sample Type : Essential Oil  
Sample Name :Cinnamomum zeylanicum :  
Injection Volume 0.10

Cinnamon Bark  
Lot# MAR11-RE  
Country: Madagascar



Chromatogram Cinnamomum zeylanicum



Peak Report TIC

| R.Time | Name                           | Area% |
|--------|--------------------------------|-------|
| 9.679  | Styrene                        | 0.02  |
| 11.281 | alpha-Thujene                  | 0.25  |
| 11.677 | alpha-Pinene                   | 3.24  |
| 12.458 | alpha-Fenchene                 | 0.01  |
| 12.552 | Camphene                       | 0.27  |
| 13.221 | Benzaldehyde                   | 0.12  |
| 13.800 | Sabinene                       | 0.08  |
| 14.089 | beta-Pinene                    | 0.25  |
| 14.733 | Myrcene                        | 0.06  |
| 15.326 | delta-2-Carene                 | 0.00  |
| 15.609 | Octananal                      | 0.01  |
| 15.769 | alpha-Phellandrene             | 2.28  |
| 15.903 | delta-3-Carene                 | 0.09  |
| 16.407 | alpha-Terpinene                | 0.71  |
| 16.569 | ortho-Cymene                   | 0.01  |
| 16.887 | para-Cymene                    | 0.95  |
| 17.177 | Limonene                       | 1.50  |
| 17.278 | beta-Phellandrene              | 2.62  |
| 17.348 | 1,8-Cineole                    | 1.36  |
| 17.586 | cis-beta-Ocimene               | 0.04  |
| 17.901 | Butyl 2-methylbutyrate         | 0.01  |
| 18.256 | trans-beta-Ocimene             | 0.03  |
| 19.017 | gamma-Terpinene                | 0.08  |
| 19.800 | trans-Sabinene hydrate         | 0.02  |
| 20.524 | Isoterpinolene                 | 0.01  |
| 20.784 | Terpinolene                    | 0.10  |
| 21.120 | para-Cymenene                  | 0.02  |
| 21.762 | Linalool                       | 3.81  |
| 21.972 | 2-Methylbutyl-2-methylbutyrate | 0.03  |
| 23.397 | cis-para-Menth-2-en-1-ol       | 0.02  |
| 24.615 | trans-para-Menth-2-en-1-ol     | 0.02  |
| 24.921 | Camphor                        | 0.07  |
| 25.971 | Hydrocinnamaldehyde            | 0.20  |
| 26.617 | Borneol                        | 0.05  |
| 26.799 | 2-Methyl benzofuran            | 0.02  |
| 27.217 | Terpinen-4-ol                  | 0.22  |
| 27.668 | para-Cymen-8-ol                | 0.02  |
| 28.226 | alpha-Terpineol                | 0.33  |
| 28.350 | Unidentified                   | 0.01  |
| 28.761 | alpha-Phellandrene epoxide     | 0.03  |
| 29.020 | Decanal                        | 0.01  |
| 29.179 | cis-Piperitol                  | 0.01  |
| 29.825 | (Z)-Cinnamaldehyde             | 0.26  |
| 30.583 | Hydrocinnamic alcohol          | 0.04  |
| 31.142 | Methyl salicylaldehyde ether   | 0.02  |
| 32.336 | Chavicol                       | 0.01  |
| 33.783 | (E)-Cinnamaldehyde             | 63.76 |
| 34.662 | Safrrole                       | 0.01  |
| 35.231 | Unidentified                   | 0.02  |
| 35.746 | (E)-Cinnamyl alcohol           | 0.03  |
| 38.723 | Eugenol                        | 4.59  |
| 39.806 | Hydrocinnamyl acetate          | 0.06  |
| 40.241 | alpha-Copaene                  | 0.21  |
| 40.683 | 3,4-Dihydrocoumarin            | 0.02  |
| 41.059 | Unidentified                   | 0.02  |
| 41.144 | beta-Elementene                | 0.01  |

| R.Time | Name                             | Area%  |
|--------|----------------------------------|--------|
| 41.890 | Methyleugenol                    | 0.01   |
| 42.088 | cis-beta-Caryophyllene           | 0.01   |
| 43.040 | trans-beta-Caryophyllene         | 5.22   |
| 43.292 | (E)-Cinnamic acid                | 0.05   |
| 43.557 | Unidentified                     | 0.01   |
| 44.211 | Isopentyl benzoate               | 0.01   |
| 44.730 | (E)-Cinnamyl acetate             | 5.11   |
| 44.925 | Unidentified                     | 0.01   |
| 45.276 | alpha-Humulene                   | 0.35   |
| 46.914 | Ar-Curcumene                     | 0.02   |
| 48.428 | Unidentified                     | 0.01   |
| 48.560 | beta-Bisabolene                  | 0.02   |
| 48.839 | Unidentified                     | 0.02   |
| 48.978 | Unidentified                     | 0.01   |
| 49.158 | delta-Cadinene                   | 0.04   |
| 49.355 | trans-Calamenene                 | 0.01   |
| 49.724 | ortho-Methoxycinnamaldehyde      | 0.14   |
| 50.514 | alpha-Calacorene                 | 0.02   |
| 52.528 | Caryophyllenyl alcohol           | 0.04   |
| 52.904 | Caryophyllene oxide              | 0.17   |
| 53.552 | Unidentified                     | 0.02   |
| 53.704 | Methoxyeugenol                   | 0.02   |
| 54.531 | Humulene epoxide II              | 0.03   |
| 54.845 | Tetradecanal                     | 0.08   |
| 57.148 | 14-Hydroxy-9-epi-Z-Caryophyllene | 0.01   |
| 57.979 | 14-Hydroxy-9-epi-E-Caryophyllene | 0.01   |
| 63.224 | Benzyl benzoate                  | 0.39   |
| 74.216 | Phellandrene dimer               | 0.03   |
| 80.328 | Unidentified                     | 0.04   |
| 80.746 | Unidentified                     | 0.02   |
| 88.799 | 3-Phenylpropyl cinnamate         | 0.03   |
|        |                                  | 100.00 |