

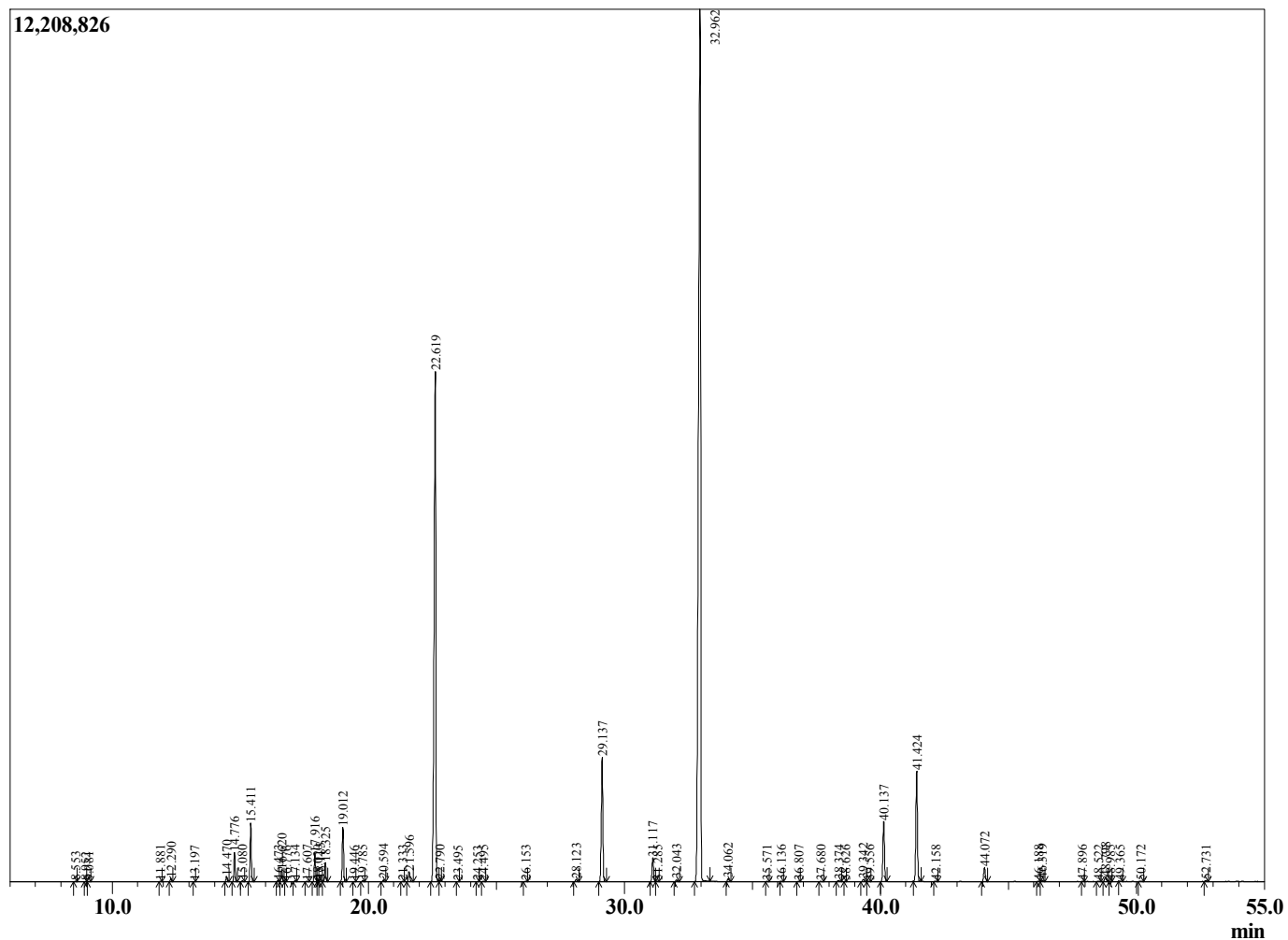
# Sample Information

Sample Type : Essential Oil  
Sample Name : Citrus aurantium

Petitgrain Bigarade  
Lot# ITF19-FT  
Country: Italy



Chromatogram Citrus aurantium



| Peak Report TIC |                               |       |
|-----------------|-------------------------------|-------|
| R.Time          | Name                          | Area% |
| 8.553           | Hex-3(Z)-enol                 | 0.02  |
| 8.952           | Hex-2(E)-enol                 | 0.00  |
| 9.081           | n-Hexanol                     | 0.02  |
| 11.881          | alpha-Thujene                 | 0.02  |
| 12.290          | alpha-Pinene                  | 0.11  |
| 13.197          | Camphene                      | 0.01  |
| 14.470          | Sabinene                      | 0.19  |
| 14.776          | beta-Pinene                   | 0.97  |
| 15.080          | 6-Methyl hept-5-en-2-one      | 0.04  |
| 15.411          | Myrcene                       | 1.99  |
| 16.473          | alpha-Phellandrene            | 0.04  |
| 16.620          | delta-3-Carene                | 0.42  |
| 16.776          | Hexyl acetate                 | 0.00  |
| 17.134          | alpha-Terpinene               | 0.04  |
| 17.607          | para-Cymene                   | 0.03  |
| 17.916          | Limonene                      | 1.04  |
| 18.020          | beta-Phellandrene             | 0.04  |
| 18.115          | 1,8-Cineole                   | 0.09  |
| 18.325          | cis-beta-Ocimene              | 0.67  |
| 19.012          | trans-beta-Ocimene            | 2.02  |
| 19.446          | Unidentified                  | 0.01  |
| 19.785          | gamma-Terpinene               | 0.05  |
| 20.594          | cis-Linalool oxide (furanoid) | 0.06  |
| 21.333          | Terpinolene isomer            | 0.02  |
| 21.596          | Terpinolene                   | 0.44  |
| 22.619          | Linalool                      | 24.28 |
| 22.790          | Hotrienol                     | 0.02  |
| 23.495          | Unidentified                  | 0.01  |
| 24.253          | cis-para-Menth-2-en-1-ol      | 0.01  |
| 24.495          | allo-Ocimene                  | 0.02  |
| 26.153          | Citronellal                   | 0.03  |
| 28.123          | Terpinen-4-ol                 | 0.11  |
| 29.137          | alpha-Terpineol               | 5.19  |
| 31.117          | Nerol                         | 1.01  |
| 31.285          | Citronellol                   | 0.03  |
| 32.043          | Neral                         | 0.08  |
| 32.962          | Linalyl acetate               | 52.19 |
| 34.062          | Geranial                      | 0.13  |
| 35.571          | Unidentified                  | 0.01  |
| 36.136          | Geranyl formate               | 0.01  |
| 36.807          | 4-vinyl-Guaiacol              | 0.01  |
| 37.680          | Methyl geranate               | 0.01  |
| 38.374          | Linalyl propionate            | 0.06  |
| 38.626          | delta-Elementene              | 0.01  |
| 39.342          | alpha-Terpinyol acetate       | 0.11  |
| 39.556          | Citronellyl acetate           | 0.03  |
| 40.137          | Neryl acetate                 | 2.58  |
| 41.424          | Geranyl acetate               | 4.66  |
| 42.158          | beta-Elementene               | 0.02  |
| 44.072          | beta-Caryophyllene            | 0.64  |
| 46.188          | trans-beta-Farnesene          | 0.02  |
| 46.319          | alpha-Humulene                | 0.07  |
| 47.896          | Germacrene D                  | 0.01  |
| 48.522          | beta-Selinene                 | 0.02  |
| 48.798          | Bicyclogermacrene             | 0.20  |
| 48.985          | alpha-Murolene                | 0.01  |

| R.Time | Name                  | Area%  |
|--------|-----------------------|--------|
| 49.365 | (E,E)-alpha-Farnesene | 0.02   |
| 50.172 | delta-Cadinene        | 0.03   |
| 52.731 | trans-Nerolidol       | 0.04   |
|        |                       | 100.00 |