

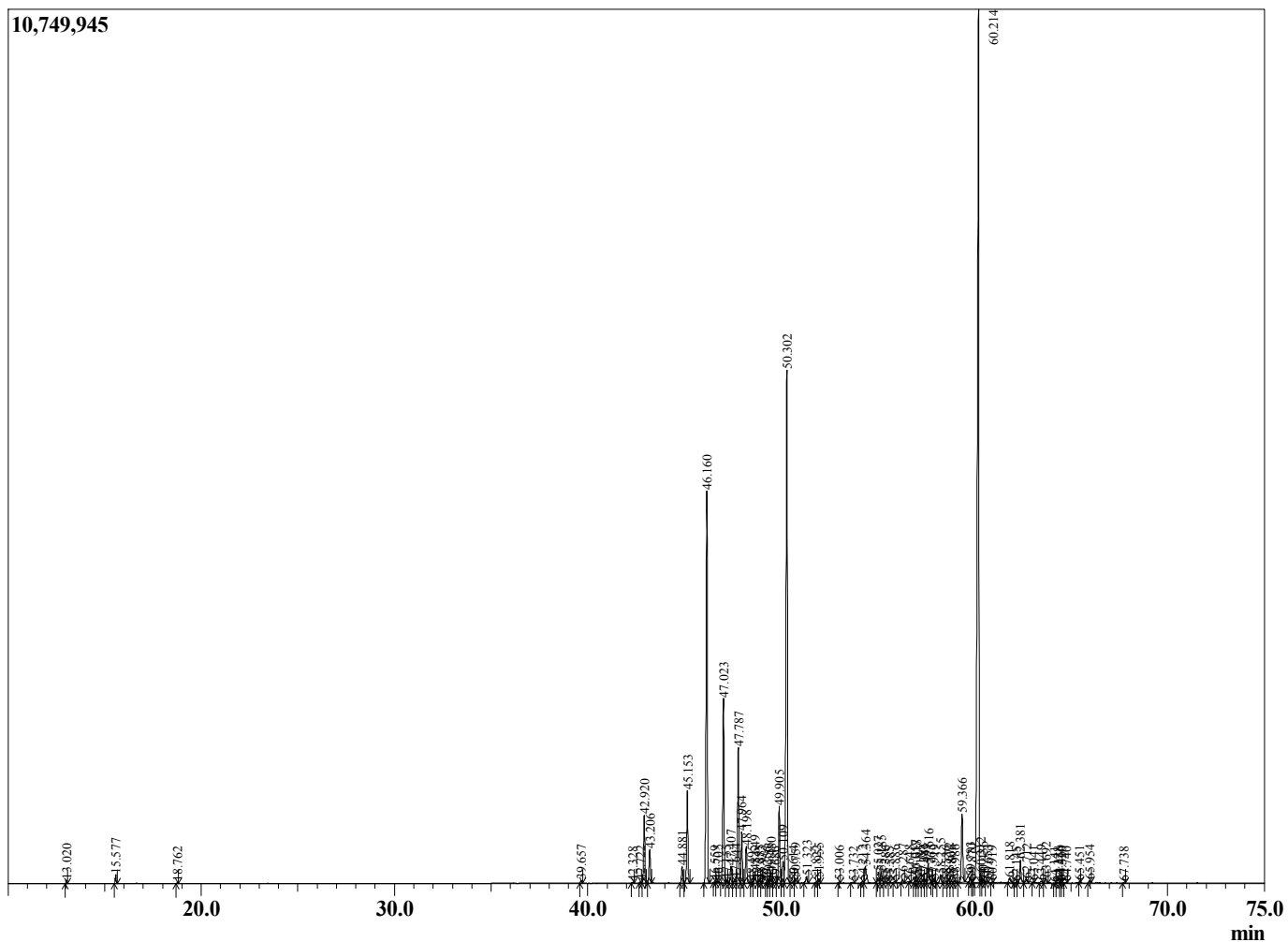
Sample Information

Analyzed : 6/30/2020 8:53:46 AM
 Sample Type : Essential Oil
 Sample Name : Pogostemon cablin
 Injection Volume : 0.10

Patchouli Dark Indonesia
 Lot# INZ25-ZT
 Country: Indonesia



Chromatogram Pogostemon cablin



| R.Time | Name | Area% |
|--------|----------------------------------|-------|
| 13.020 | alpha-Pinene | 0.08 |
| 15.577 | beta-Pinene | 0.21 |
| 18.762 | Limonene | 0.02 |
| 39.657 | delta-Elemene | 0.08 |
| 42.328 | alpha-Copaene | 0.03 |
| 42.722 | beta-Elemene isomer | 0.02 |
| 42.920 | beta-Patchoulene | 2.16 |
| 43.206 | beta-Elemene | 1.07 |
| 44.881 | Cycloseychellene | 0.52 |
| 45.153 | beta-Caryophyllene | 2.91 |
| 46.160 | alpha-Guaiene | 12.74 |
| 46.559 | Unidentified | 0.02 |
| 46.705 | Unidentified | 0.03 |
| 47.023 | Seychellene | 6.07 |
| 47.155 | Unidentified | 0.06 |
| 47.407 | alpha-Humulene | 0.52 |
| 47.644 | Unidentified | 0.13 |
| 47.787 | alpha-Patchoulene | 4.38 |
| 47.964 | Patchoulene isomer | 1.61 |
| 48.198 | 9-epi-Caryophyllene isomer | 1.23 |
| 48.495 | Unidentified | 0.04 |
| 48.649 | beta-Chamigrene | 0.39 |
| 48.885 | Unidentified | 0.09 |
| 48.973 | Germacrene D | 0.04 |
| 49.256 | Unidentified | 0.01 |
| 49.353 | delta-Selinene | 0.12 |
| 49.480 | beta-Selinene | 0.33 |
| 49.686 | Valencene | 0.03 |
| 49.905 | Aciphyllene | 2.65 |
| 50.109 | Unidentified | 0.89 |
| 50.302 | alpha-Bulnesene | 18.02 |
| 50.614 | Unidentified | 0.04 |
| 50.759 | Nootkatene | 0.13 |
| 51.323 | (-)-alpha-Panasinsen | 0.22 |
| 51.822 | Unidentified | 0.05 |
| 51.955 | Unidentified | 0.14 |
| 53.006 | Elemol | 0.03 |
| 53.732 | Unidentified | 0.04 |
| 54.212 | Unidentified | 0.06 |
| 54.364 | D Norpatchoulenol | 0.81 |
| 55.027 | Caryophyllene oxide | 0.38 |
| 55.185 | Spathulenol | 0.44 |
| 55.386 | Unidentified | 0.05 |
| 55.585 | Unidentified | 0.01 |
| 55.886 | Unidentified | 0.05 |
| 56.287 | Unidentified | 0.12 |
| 56.648 | Humulene epoxide II | 0.05 |
| 56.957 | Unidentified | 0.19 |
| 57.018 | Unidentified | 0.19 |
| 57.185 | Unidentified | 0.06 |
| 57.386 | Unidentified | 0.16 |
| 57.441 | Unidentified | 0.10 |
| 57.616 | Unidentified | 0.75 |
| 57.765 | Unidentified | 0.01 |
| 57.919 | 14-Hydroxy-9-epi-Z-Caryophyllene | 0.08 |
| 58.255 | Pogostol | 0.32 |

| R.Time | Name | Area% |
|--------|-------------------|--------|
| 58.536 | Unidentified | 0.07 |
| 58.672 | Juniper camphor | 0.15 |
| 58.806 | Unidentified | 0.09 |
| 58.986 | Unidentified | 0.07 |
| 59.366 | Pogostol | 2.37 |
| 59.783 | Unidentified | 0.17 |
| 59.870 | Unidentified | 0.07 |
| 60.214 | Patchouli alcohol | 34.09 |
| 60.312 | Unidentified | 0.20 |
| 60.436 | Unidentified | 0.13 |
| 60.653 | Pogostol | 0.05 |
| 60.919 | Unidentified | 0.02 |
| 61.818 | Unidentified | 0.16 |
| 62.145 | Unidentified | 0.02 |
| 62.381 | Pogostone | 0.78 |
| 62.712 | Altantone isomer | 0.15 |
| 63.041 | Unidentified | 0.03 |
| 63.449 | Caryophyllene | 0.08 |
| 63.692 | Longifolol | 0.18 |
| 64.141 | Unidentified | 0.01 |
| 64.328 | Unidentified | 0.02 |
| 64.460 | Altantone isomer | 0.03 |
| 64.520 | Unidentified | 0.00 |
| 64.740 | Unidentified | 0.03 |
| 65.451 | Unidentified | 0.02 |
| 65.954 | Unidentified | 0.06 |
| 67.738 | Unidentified | 0.01 |
| | | 100.00 |