

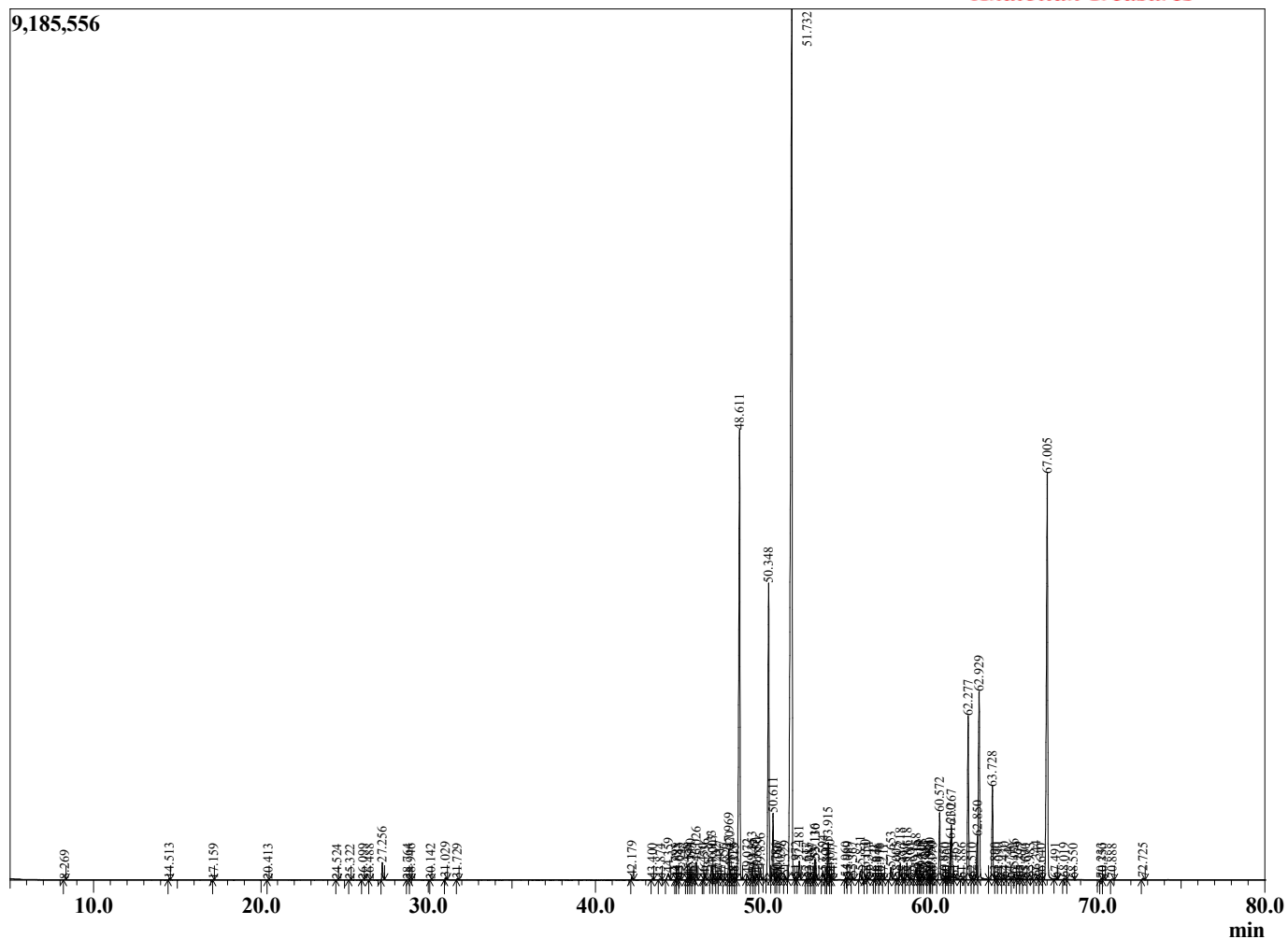
Sample Information

Sample Type : Essential Oil
 Sample Name : Cedrus deodara
 Injection Volume : 0.10

Cedarwood Himalayan
 Lot# NER18-RC
 Country: Nepal



Chromatogram Cedrus deodara



| R.Time | Name | Area% |
|--------|---|-------|
| 8.269 | Mesityl oxide | 0.02 |
| 14.513 | alpha-Pinene | 0.02 |
| 17.159 | beta-Pinene | 0.01 |
| 20.413 | Limonene | 0.01 |
| 24.524 | para-Cymenene | 0.01 |
| 25.322 | Unidentified | 0.01 |
| 26.099 | Menthatriene isomer | 0.01 |
| 26.488 | alpha-Fenchol | 0.01 |
| 27.256 | Limona ketone | 0.39 |
| 28.764 | alpha-4-Dimethyl-3-cyclohexene-1-methanol | 0.01 |
| 28.946 | alpha-4-Dimethyl-3-cyclohexene-1-methanol | 0.02 |
| 30.142 | Borneol | 0.01 |
| 31.029 | 4'-Methyl acetophenone | 0.05 |
| 31.729 | alpha-Terpineol | 0.03 |
| 42.179 | alpha-Longipinene | 0.08 |
| 43.400 | alpha-Ylangene | 0.02 |
| 43.874 | Longifolene-(V4) | 0.03 |
| 44.359 | Unidentified | 0.29 |
| 44.795 | Unidentified | 0.01 |
| 44.888 | Sativene | 0.05 |
| 45.043 | Unidentified | 0.03 |
| 45.458 | Unidentified | 0.02 |
| 45.571 | Sibirene | 0.08 |
| 45.690 | Unidentified | 0.12 |
| 45.755 | Unidentified | 0.02 |
| 46.026 | Junipene | 0.45 |
| 46.430 | alpha-Cedrene | 0.01 |
| 46.536 | Unidentified | 0.15 |
| 46.933 | Himachala-2,4-diene | 0.36 |
| 47.007 | Unidentified | 0.22 |
| 47.232 | Unidentified | 0.01 |
| 47.417 | trans-alpha-Bergamotene | 0.09 |
| 47.656 | Unidentified | 0.01 |
| 47.969 | (E)-Vestitenone | 0.74 |
| 48.020 | Unidentified | 0.23 |
| 48.226 | Unidentified | 0.04 |
| 48.315 | Unidentified | 0.01 |
| 48.611 | alpha-Himachalene | 12.97 |
| 49.072 | Unidentified | 0.14 |
| 49.353 | Unidentified | 0.34 |
| 49.449 | Unidentified | 0.09 |
| 49.650 | Unidentified | 0.19 |
| 49.856 | alpha-Neocallitropsene | 0.31 |
| 50.348 | gamma-Himachalene | 8.10 |
| 50.611 | 11-alpha-H-Himachala-1,4-diene | 1.69 |
| 50.786 | 10s,11s-Himachala-3(12),4-diene | 0.03 |
| 50.907 | (Z)-4,10-Epoxy amorphane | 0.08 |
| 51.039 | Unidentified | 0.01 |
| 51.329 | Unidentified | 0.09 |
| 51.732 | beta-Himachalene | 34.55 |
| 51.972 | Unidentified | 0.07 |
| 52.181 | alpha-dehydro-ar-Himachalene | 0.53 |
| 52.617 | Unidentified | 0.03 |
| 52.781 | trans-Calamenene | 0.03 |
| 52.937 | Unidentified | 0.05 |
| 53.116 | gamma-dehydro-ar-Himachalene | 0.43 |

| R.Time | Name | Area% |
|--------|---|-------|
| 53.130 | Unidentified | 0.45 |
| 53.594 | 9,10-Cycloisolongifolene | 0.24 |
| 53.800 | Unidentified | 0.01 |
| 53.915 | (E)-alpha-Bisabolene | 0.96 |
| 54.010 | alpha-Calacorene | 0.09 |
| 54.177 | Unidentified | 0.02 |
| 54.960 | Unidentified | 0.06 |
| 55.089 | (E)-Nerolidol | 0.06 |
| 55.367 | Unidentified | 0.07 |
| 55.831 | Unidentified | 0.21 |
| 56.150 | Unidentified | 0.11 |
| 56.314 | Unidentified | 0.06 |
| 56.671 | Unidentified | 0.02 |
| 56.846 | Unidentified | 0.01 |
| 56.976 | Unidentified | 0.01 |
| 57.211 | Unidentified | 0.01 |
| 57.653 | Longiborneol | 0.32 |
| 58.005 | Unidentified | 0.03 |
| 58.218 | beta-Himachalene oxide | 0.47 |
| 58.410 | Unidentified | 0.02 |
| 58.618 | Unidentified | 0.47 |
| 58.800 | Unidentified | 0.01 |
| 59.158 | Unidentified + Himachalol analog | 0.35 |
| 59.310 | Unidentified | 0.08 |
| 59.415 | Unidentified | 0.07 |
| 59.508 | Unidentified | 0.15 |
| 59.641 | Unidentified | 0.09 |
| 59.921 | Unidentified | 0.11 |
| 59.990 | Unidentified | 0.16 |
| 60.050 | Unidentified | 0.06 |
| 60.170 | Unidentified | 0.02 |
| 60.572 | Himachalol | 1.75 |
| 60.850 | Unidentified | 0.03 |
| 60.960 | Ar-tumerone | 0.04 |
| 61.230 | Deodarone isomer | 0.76 |
| 61.267 | Allohimachalol + (E)-10,11-Dihydroatlantone | 1.66 |
| 61.465 | Unidentified | 0.11 |
| 61.886 | Unidentified | 0.02 |
| 62.277 | (Z)-gamma-Atlantone | 4.37 |
| 62.510 | Unidentified | 0.05 |
| 62.850 | Deodarone isomer | 1.11 |
| 62.929 | (E)-gamma-Atlantone | 5.78 |
| 63.728 | (Z)-alpha-Atlantone | 2.47 |
| 63.890 | Unidentified | 0.05 |
| 64.090 | Unidentified | 0.04 |
| 64.430 | Unidentified | 0.07 |
| 64.746 | Unidentified | 0.02 |
| 65.026 | Unidentified | 0.16 |
| 65.279 | Unidentified | 0.06 |
| 65.397 | Unidentified | 0.05 |
| 65.690 | Unidentified | 0.02 |
| 65.983 | Unidentified | 0.04 |
| 66.344 | beta-Costol | 0.10 |
| 66.640 | Unidentified | 0.02 |
| 67.005 | (E)-alpha-Atlantone | 12.85 |
| 67.491 | Unidentified | 0.02 |
| 68.019 | Unidentified | 0.04 |
| 68.550 | Unidentified | 0.02 |
| 70.233 | Unidentified | 0.03 |
| 70.350 | Unidentified | 0.02 |
| 70.888 | Unidentified | 0.02 |
| 72.725 | Unidentified | 0.04 |

R.Time Name

Area%
100.00