

Delta Tips

NMDT_0034

Precision of Chemical Shifts and Integrals

NMR data processing software

Delta
NMR Software

v5.0

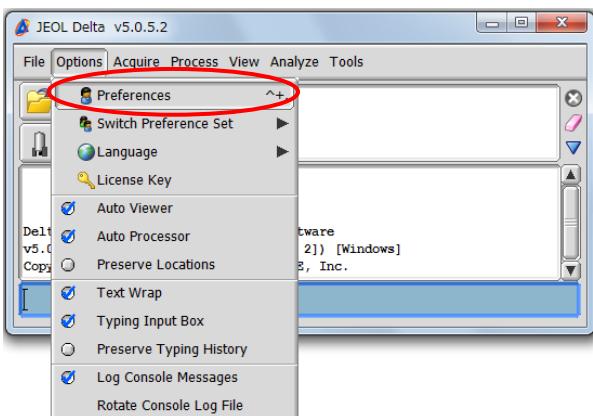


< How to adjust the number of digits after the decimal point >

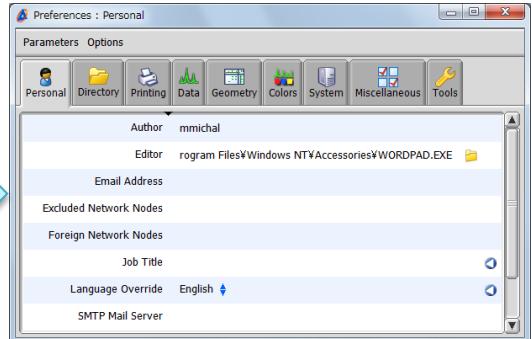
The precision (scale) of chemical shifts and integrals can be adjusted via **Preferences**.

Select **Options – Preferences** in the Delta window.

The Delta window



The Preferences window



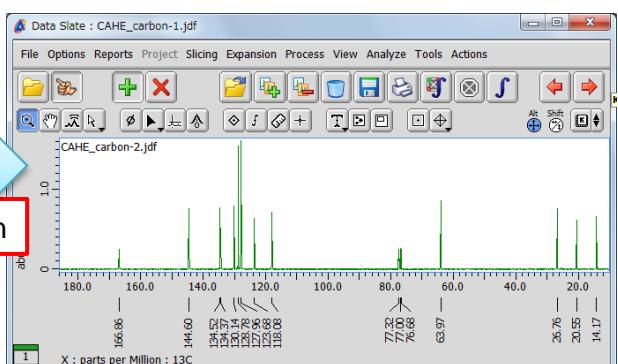
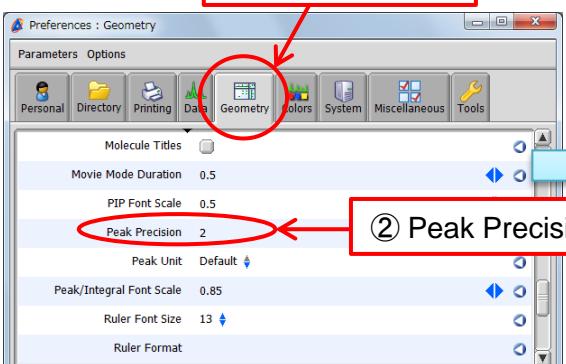
! The modification of **Preferences** is permanent.

1 Precision of Chemical Shifts

- ① Select the **Geometry** tab.
- ② Modify the **Peak Precision** value and close the **Preferences** window.

① Geometry tab

Two decimal places are shown



Delta Tips



2 Precision of Integrals

- ① Select the **Geometry** tab.
 - ② Modify the **Integral Format** value and close the **Preferences** window.

The screenshot shows the DataSlate software interface. On the left, a preferences dialog box is open under the 'Geometry' tab. The 'Integral Format' setting is highlighted with a red oval and labeled '② Integral Format'. On the right, a main window displays a chromatogram titled 'CAHE_proton-1.jdf'. The x-axis is labeled 'X : parts per Million : 1H' and ranges from 0 to 10. The y-axis is labeled 'abundance' and ranges from 0 to 3.0. Several peaks are visible, with their integral values labeled above them in red: at approximately 8.1 ppm (value 20), 7.3 ppm (value 10), 6.9 ppm (value 10), 6.4 ppm (value 10), 5.3 ppm (value 10), 4.1 ppm (value 20), 3.8 ppm (value 20), 2.1 ppm (value 20), and 1.0 ppm (value 30).

One decimal place is shown

y9.99 → Two digits after the decimal point
y9.9 → One digit after the decimal point

