Subject: peak finding with Guassfit
Posted by Adele on Tue, 10 Dec 2013 17:57:49 GMT

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I am working with 1D data, need to find two peak positions of each data, these two peaks close to
each other.

Currently, I've been using a gaussian fit with 6 parameters, and using
the center of the Gaussian as the peak location. For each data set,the proximate peak location
and fit width were given, gaussfit was used in the range of (peak-width, peak+width). For some
data set the results are good, but for other data set the center of gaussian was shifted even out of
the given range. These data sets do not have significant difference.

Does anyone have any idea about this situation? Thank you very much!