# Determining Limit of Detection 

Using the LS Spreadsheet

## Replace the dependent variable in A1 (x-value) by 0



# Since the formulae are still in place it calculates the $95 \%$ limits 



## Change the value in A2 until the lower limit equals the upper limit



## Alternative approach: add a row above the data, input zero



# Copy and paste columns A to E into a new spread (paste as values) 



## Delete the $y$-data (column B) just to make it easier to see the result



## Use a scatter plot with straight lines to plot $B, C$ and $D$ vs $A$




