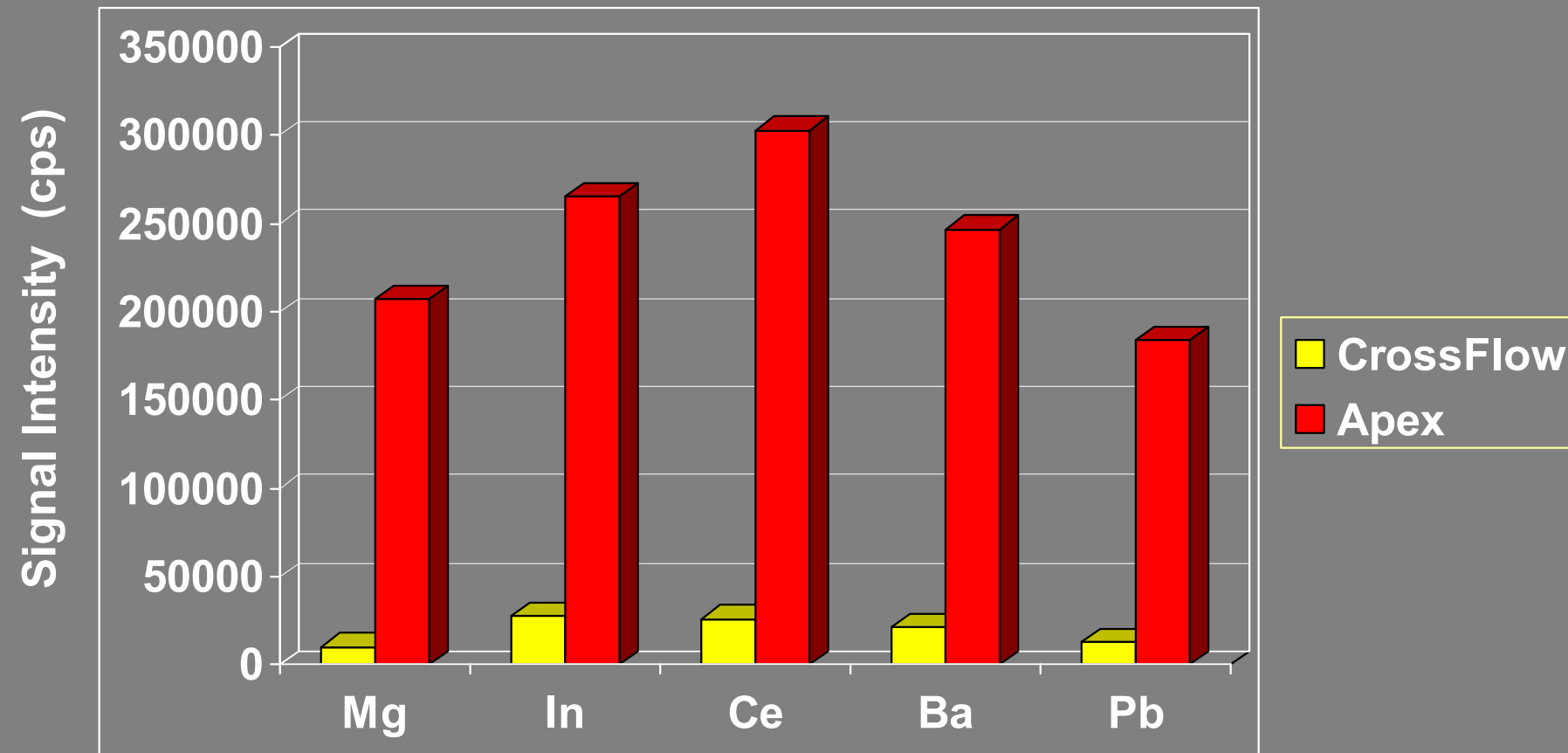




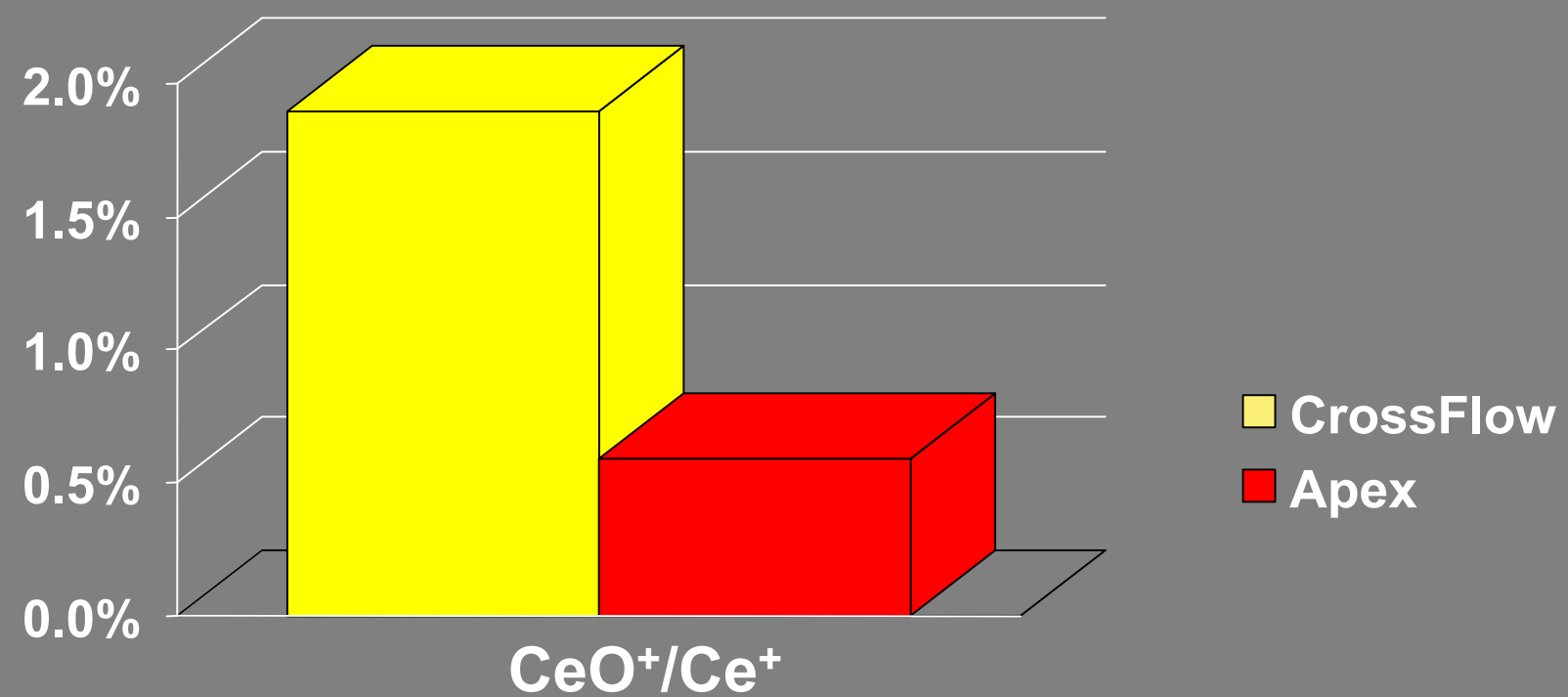
**Apex- An ICP-MS/OES**

**Sensitivity Enhancement  
Breakthrough!**

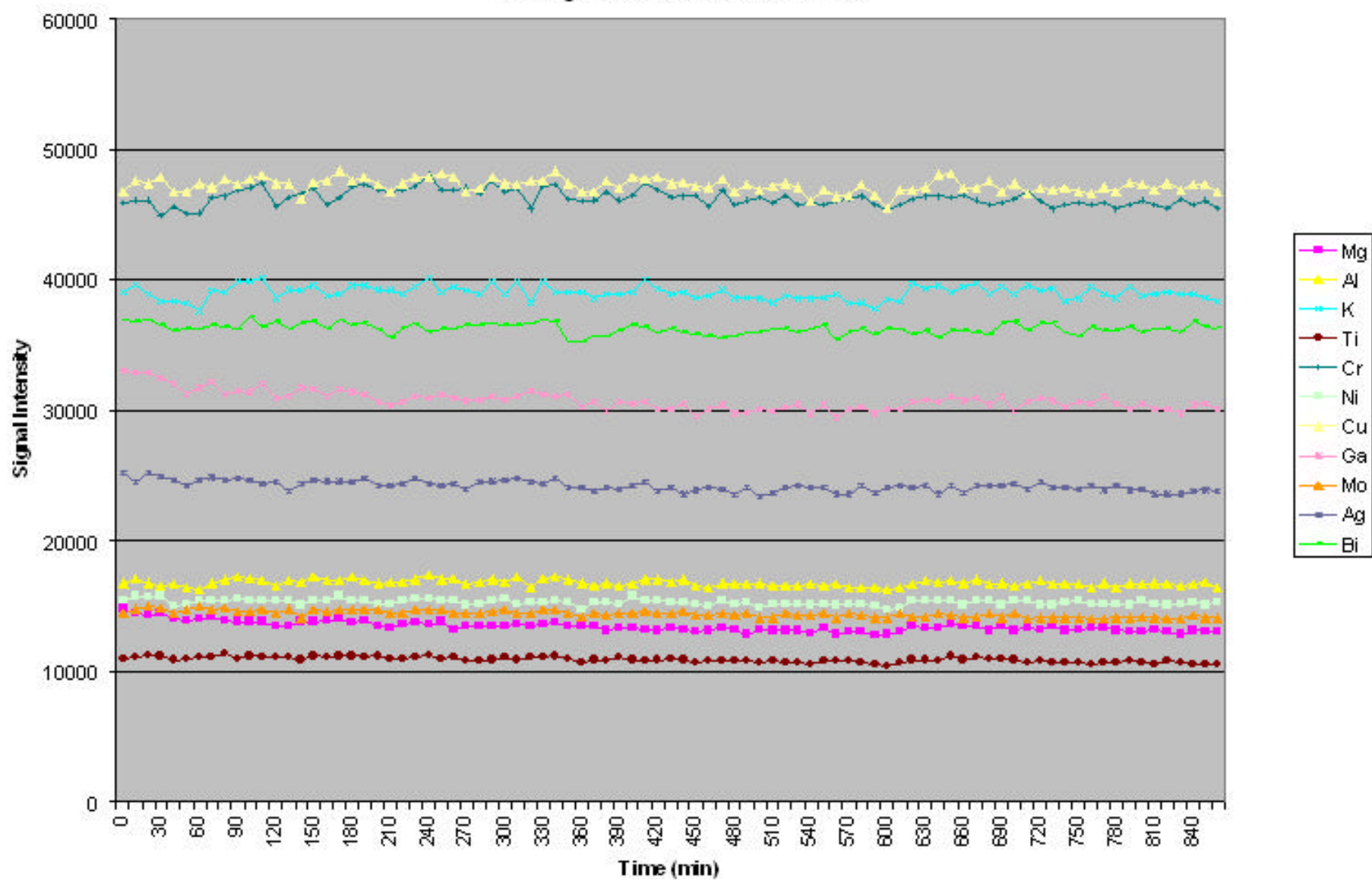
**Sensitivity Comparison ( $1 \mu\text{g L}^{-1}$ )  
Apex vs. Crossflow  
PerkinElmer ELAN DRC ICPMS**



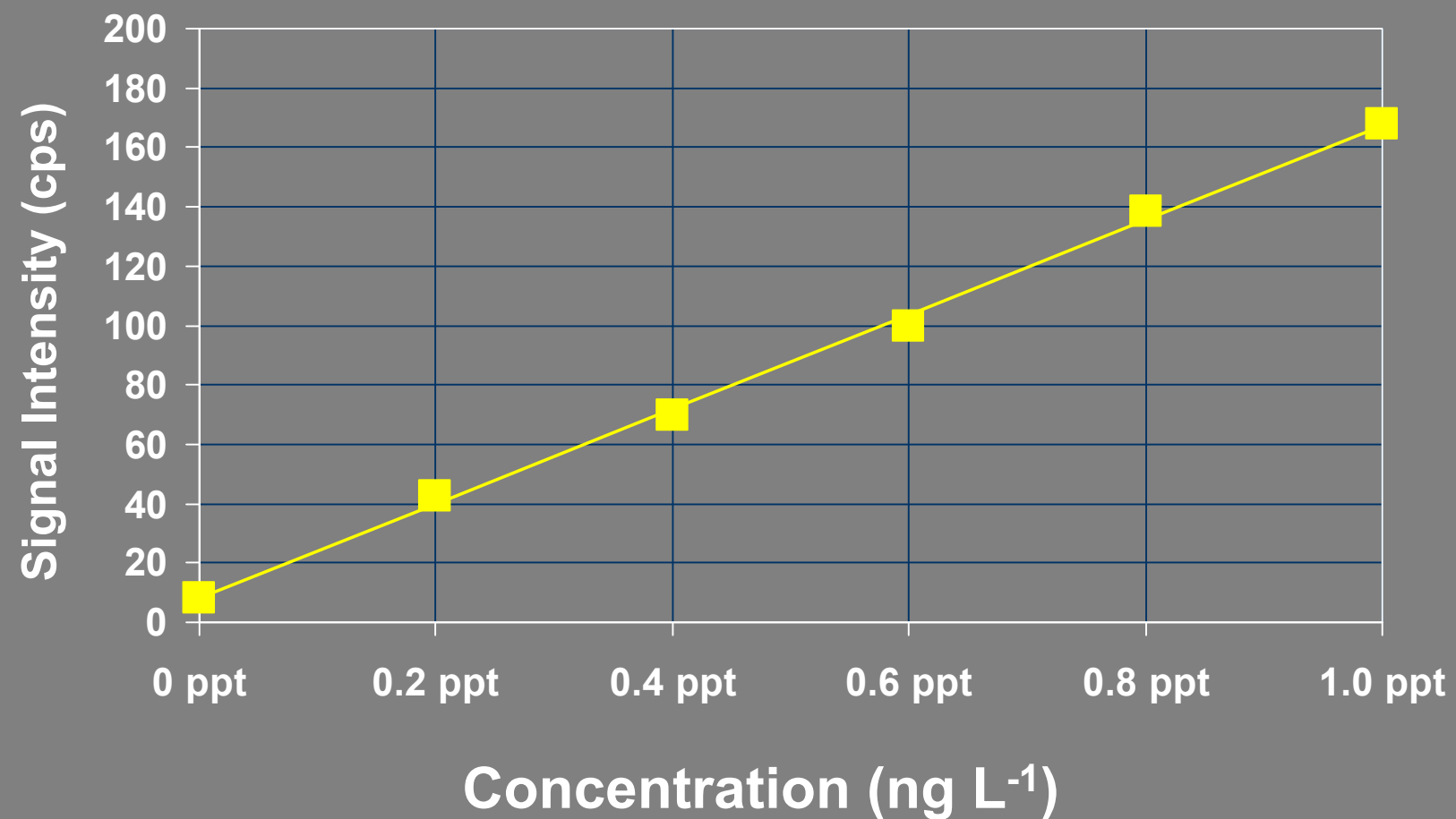
# Rate of Cerium Oxide Formation Apex vs. CrossFlow PerkinElmer ELAN DRC ICPMS



Apex Stability  
PE ELAH DRC ICPMS  
Average 1.6% RSD over 14 Hours

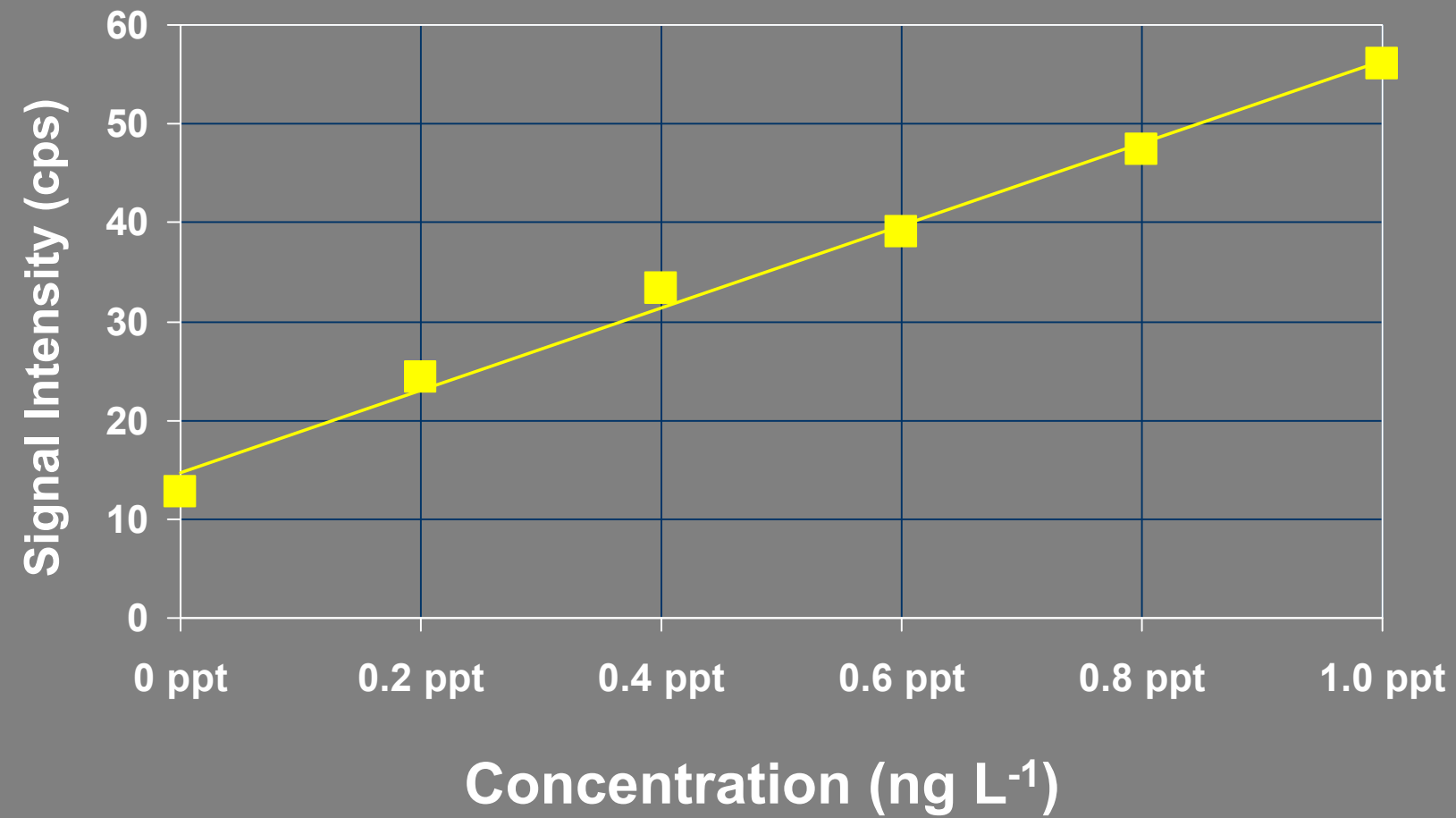


## Sub-ppt Calibration of Cobalt-59 in Water Apex with PE ELAN DRC ICPMS



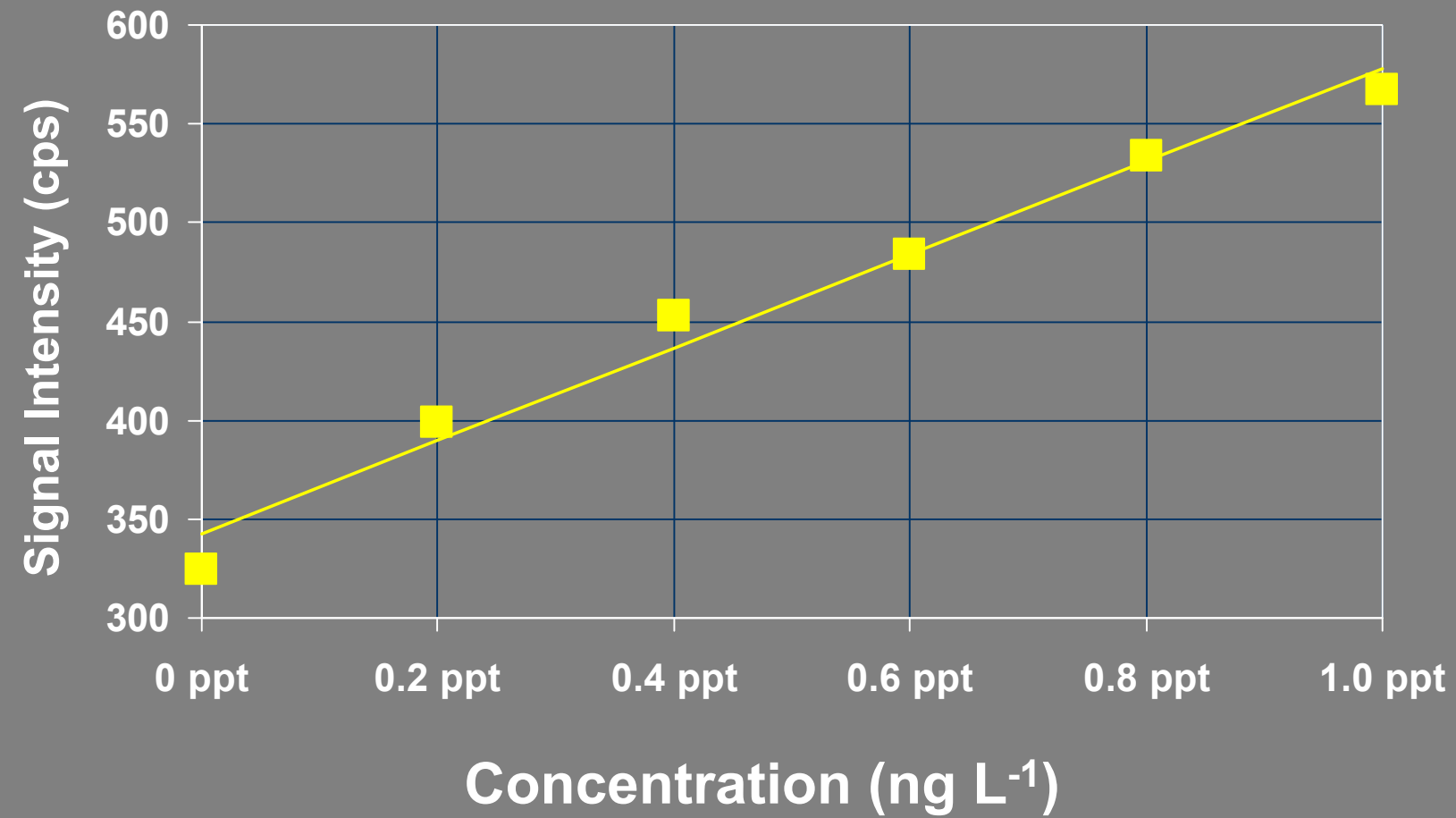
BEC 0.05 ppt

## Sub-ppt Calibration of Al-27 in Water Apex with PE ELAN DRC ICPMS



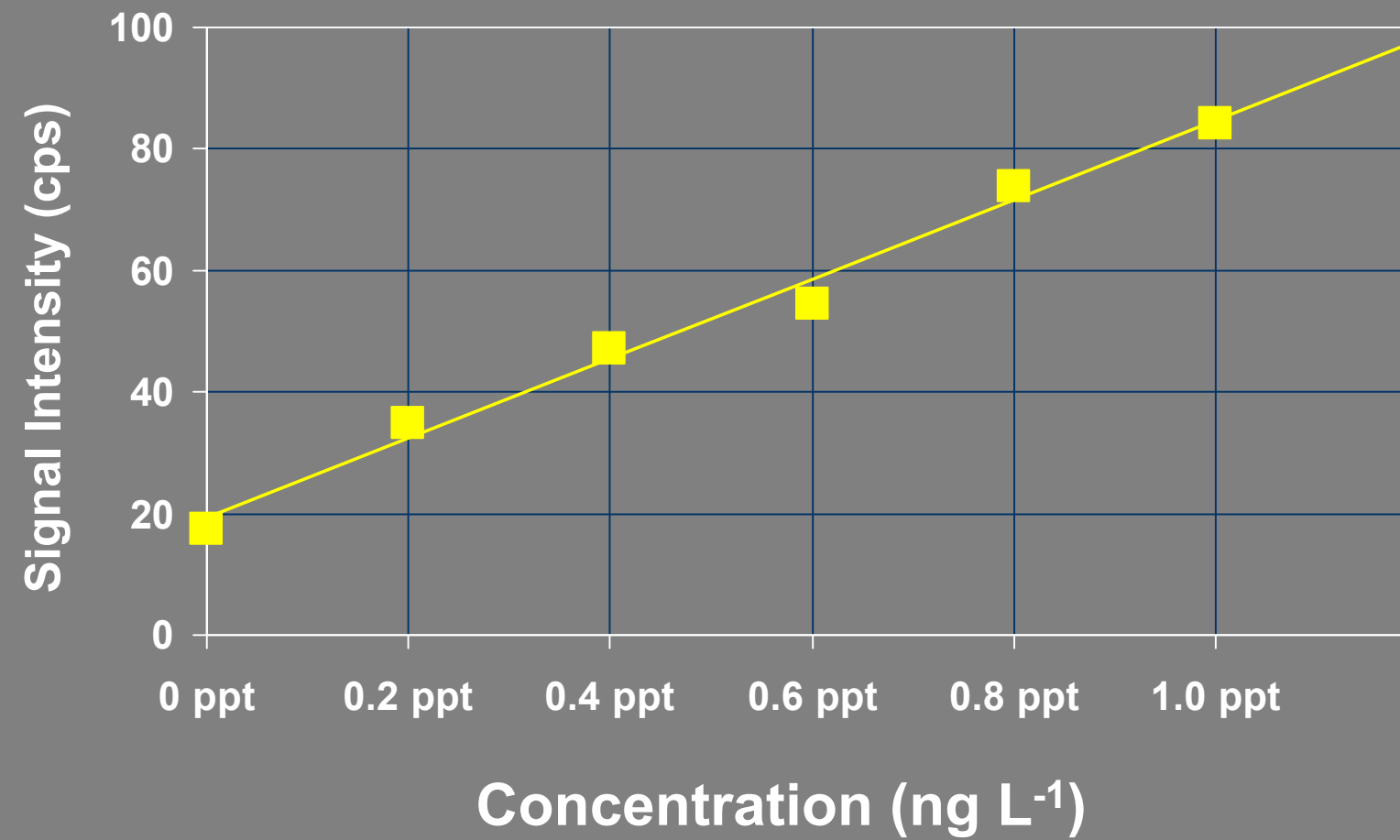
BEC 0.2 ppt

## Sub-ppt Calibration of Fe-56 in Water Apex with PE ELAN DRC ICPMS



BEC 1.3 ppt

## Sub-ppt Calibration of Na-23 in Water Apex with PE ELAN DRC ICPMS



BEC 0.2 ppt