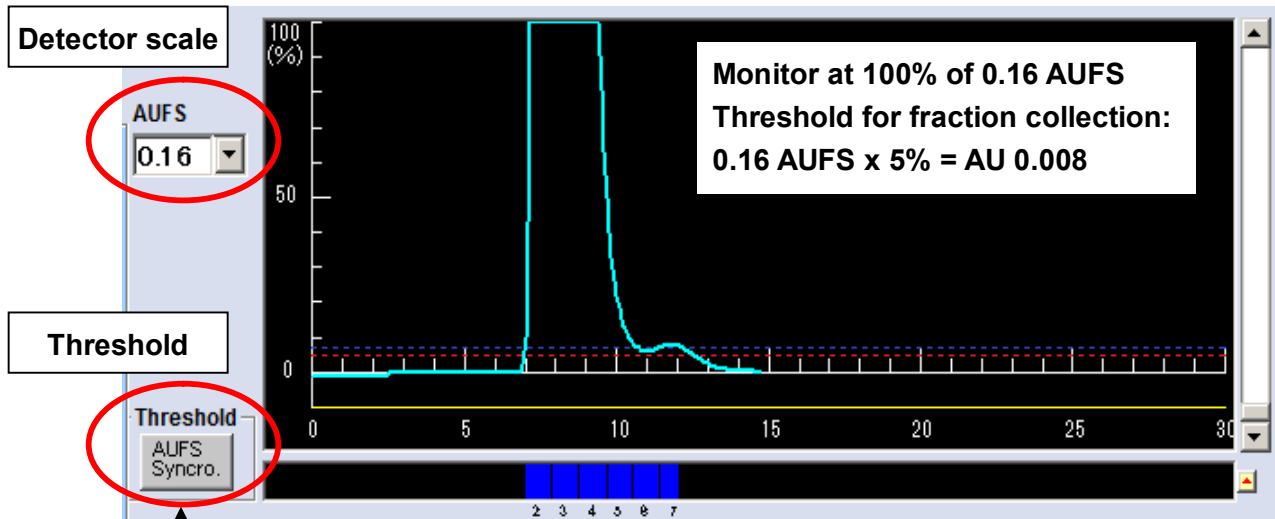


## Sample peaks collected in accordance with detector scale

Sensitivity of fraction collection: from low sensitivity to high sensitivity

### Sensitivity of fraction collection set at default (standard)



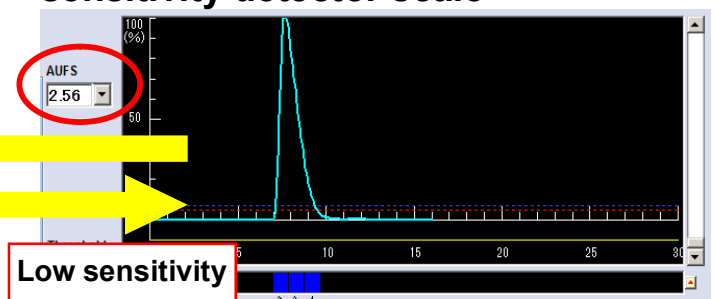
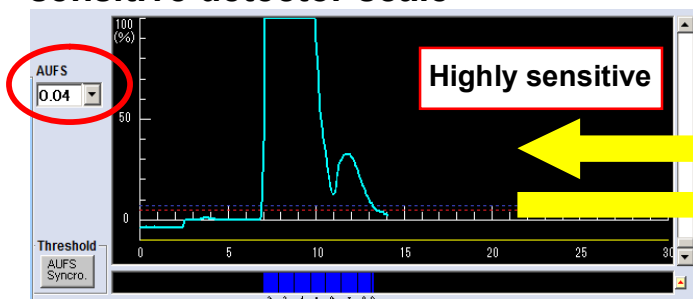
Click here.

Change the UV signal window to a more sensitive scale and click Range Synchronization button.

Change the UV signal window to a less sensitive scale and click Range Synchronization button.

### Fractions collected at a highly sensitive detector scale

### Fractions collected at a low sensitivity detector scale



Threshold for fraction collection:  
 $0.04 \text{ AUFS} \times 5\% = \text{AU } 0.002$

Threshold for fraction collection:  
 $2.56 \text{ AUFS} \times 5\% = \text{AU } 0.128$

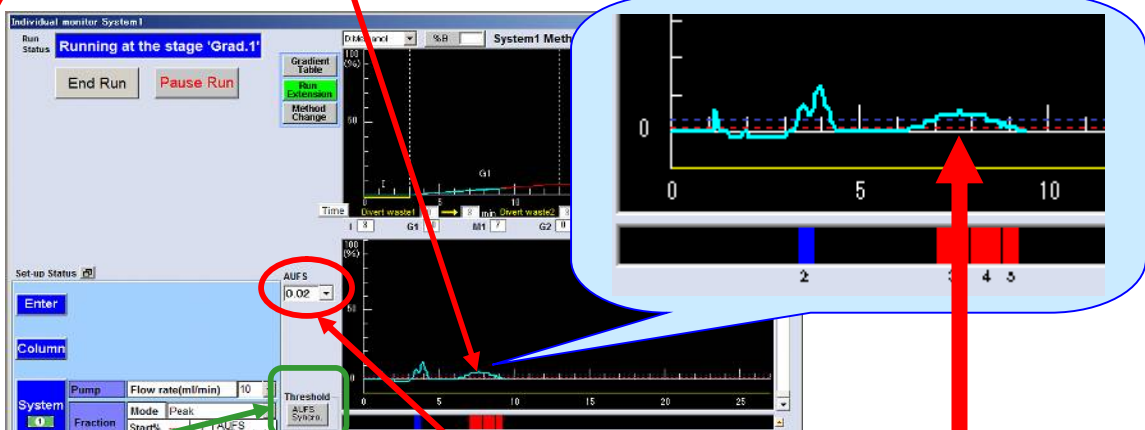
Even very small amount of components can be collected accurately and reliably.

Only a main peak (a large peak) will be collected.

# Collect small sample peaks with a highly sensitive detector scale and a fine threshold setting.

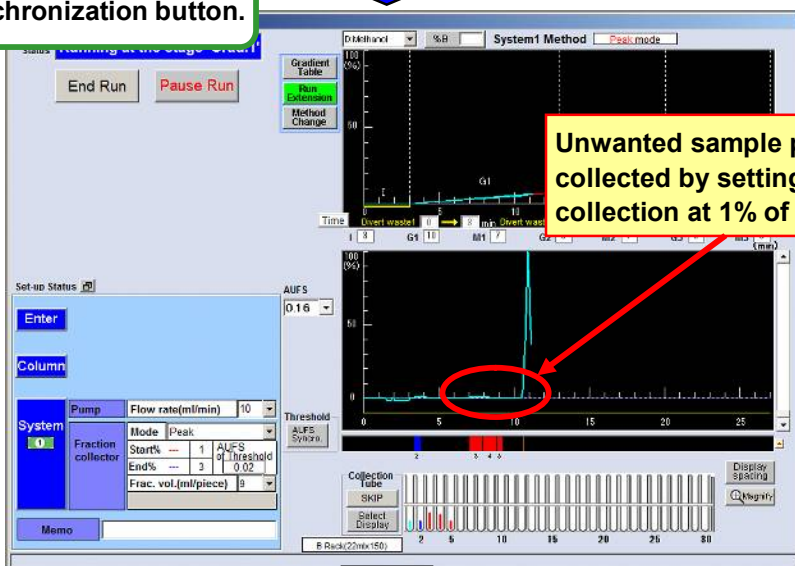
Detector scale can be determined and set depending on either collecting very low UV sample spot(s) on TLC or bypassing collection of unwanted spots.

Only highly sensitive detection is capable of detecting and collecting this very small sample peak.

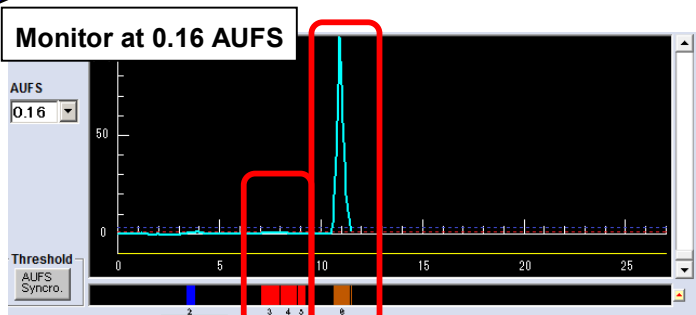
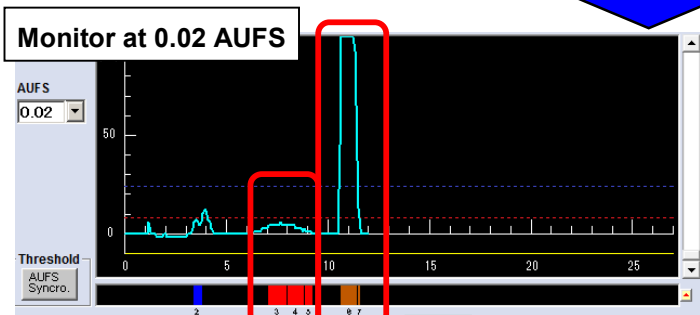


Threshold for fraction collection:  
 $0.02 \text{ AUFS} \times 1\% \text{ (threshold setting)} = \text{AU } 0.0002$   
 Fraction collection at ultrasensitive sample detection!

Detecting sensitivity for fraction collection can be changed during run by changing detector scale and clicking Range Synchronization button.



Unwanted sample peaks will not be collected by setting threshold for sample collection at 1% of 0.16 AUFS.



Important sample peaks will be collected reliably.



**YAMAZEN CORPORATION**

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