**Example 1**

AutoQC EIC looks great:



Retention time shift, AutoQC doesn’t integrate correct peak:



ZOOMED in\_Retention time shift, AutoQC doesn’t integrate correct peak. Skyline is integrating noise, even though the correct peak at 13.81 minutes is within the explicit retention time window:



**Example 2**

AutoQC EIC looks great:



Retention time shift, AutoQC doesn’t integrate correct peak:



**Example 3**

AutoQC EIC looks great:



Retention time shift, AutoQC doesn’t integrate correct peak:



Retention time shift, AutoQC integrates correct peak. The RT is 9.98 just like the EIC above, yet this one was correctly integrated and the former ^^ was not:

