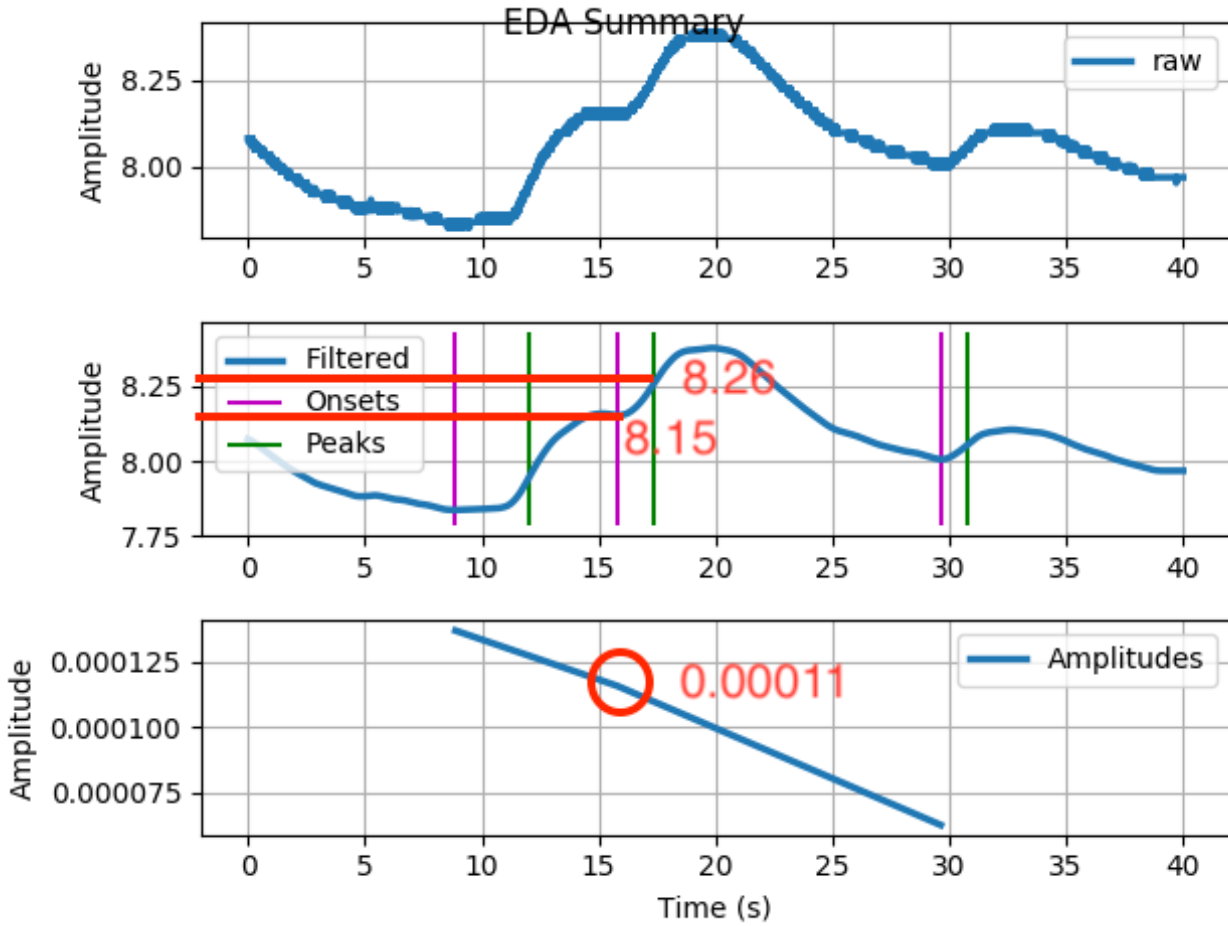# Problem

When using the EDA library for SCR detection I figured that the detected amplitudes are significantly smaller than they are in the original Eda signal. Figure 1 illustrates this issue. Between the peak onset and the detected peak the difference amounts to 0.11. The library outputs an amplitude of 0.00011.

Possible Solution

In the file biosppy/signals/eda.py in line 234 the maximum value of the derivate is added to the array of amplitudes. I suggest to work on the difference in the original signal.