# Data Cleanup

Before doing some batch processing, a sample processing is done on the first experiment to explain the processing chain.

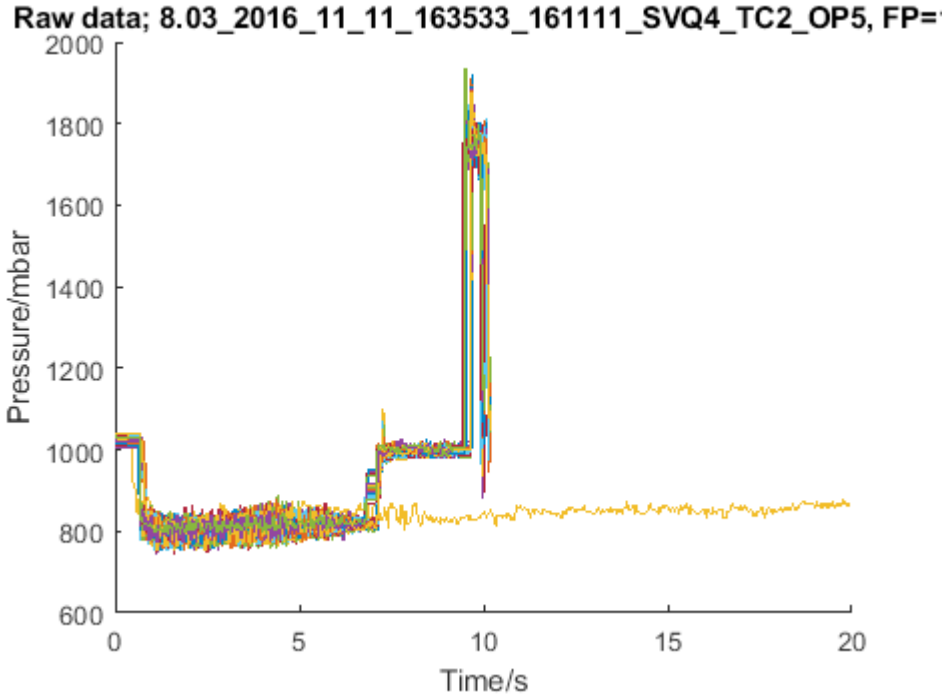


Select experiment run and fluidic path and create a 'select statement' to grab data into a sub table to work with.

Number of rows selected=110

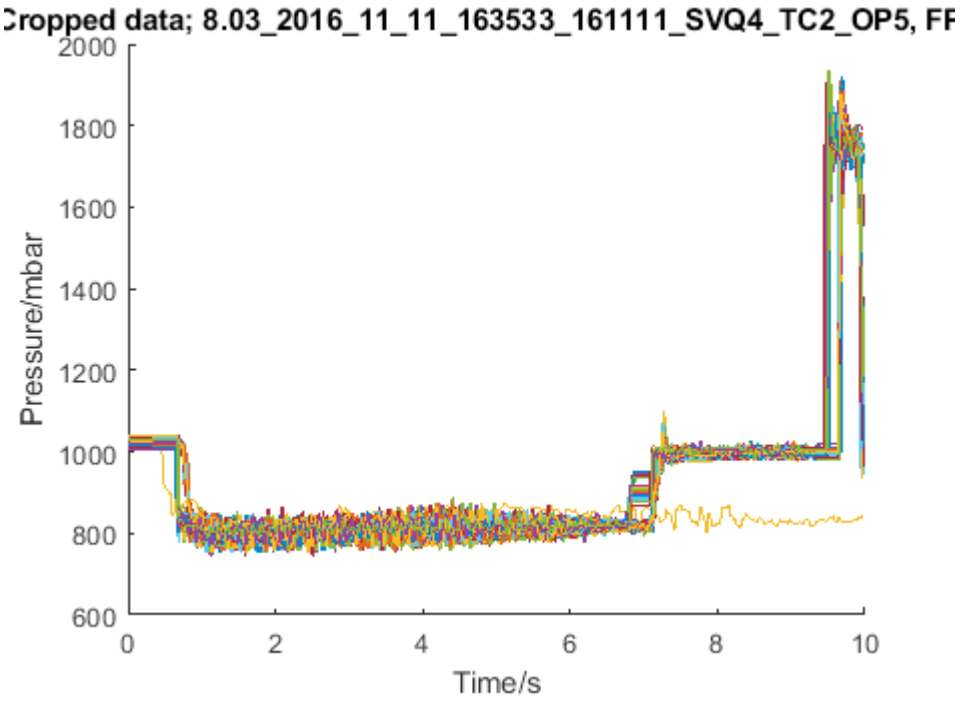
## Display selected raw data

Immediatly the yellow curve stands out. It is much longer than the others and should not even be here, as it was a software bug where the internal firmware was recording a pre-run which was not an actual run. Anything else suspicious?



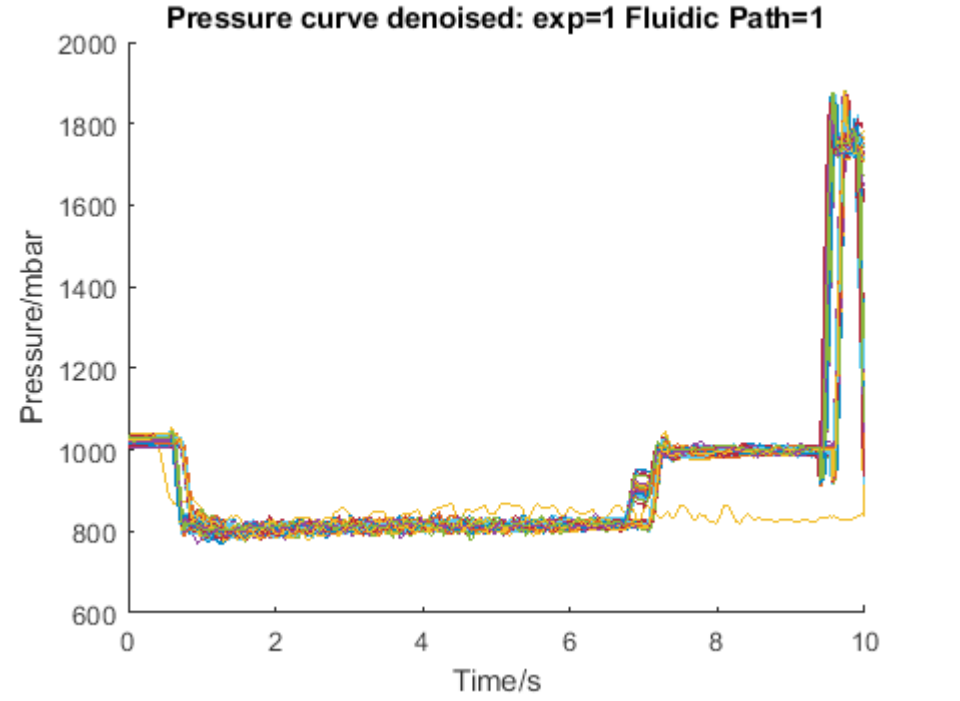

## Display cropped pressure curve data

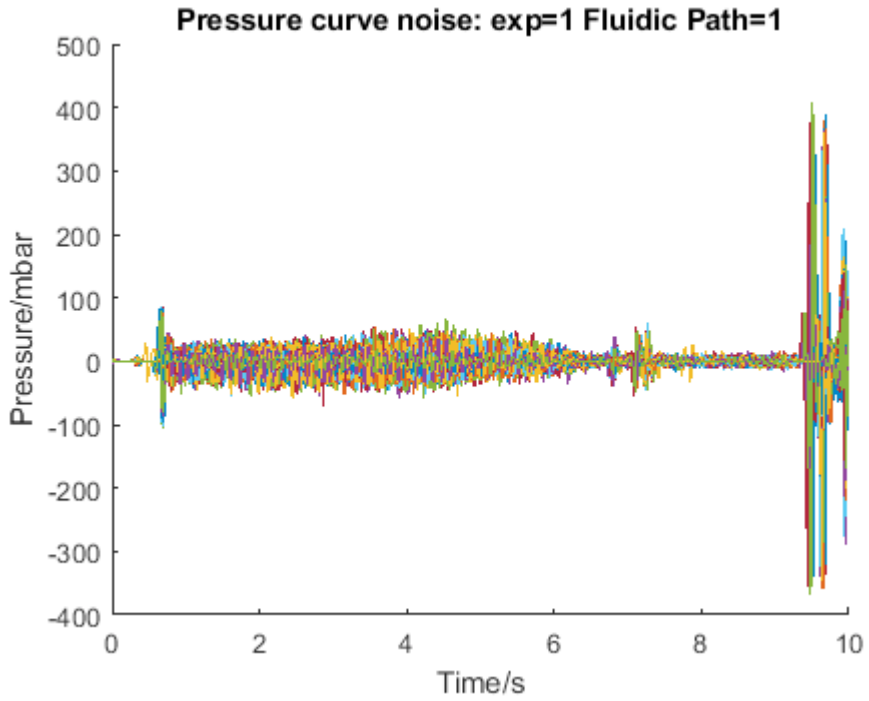
Crop to minimal length of available and interesting data. Somewhat still noisy data and it looks that noise variance is time-dependent. The yellow curve is now also partly visible in the signal bundle. Anything else?




## Denoise pressure curves

The denoised signal looks now much more consistent between 1s and 6s. And in the second plot the noise is large when steep amplitudes which is is normal by the kind of filtering approach used and also some timing jitter which will contribute to increased noise.



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