FCAL S&A WG
Meeting Minutes.
May 2, 2018.

Evgeniy presented results of TB 2016 signal reconstruction using deconvolution method.

- Several test plots with model calculation were shown to illustrate consistency of the calculation and affect of noise;

- Signal amplitudes evaluated using fit and deconvolution are in good agreement;

- Discrepancy between fit and deconvolution amplitudes are observed in the signal domain where APV has non linear response;

During the discussion it was advised:
- Check deconvolution method for slightly different shaping time, 10%-30% bigger than nominal 50 ns;

- Check the results with another run (not 741) where there are more measurements of the pulse before its maximum (741 has 3 minimum necessary such measurements).