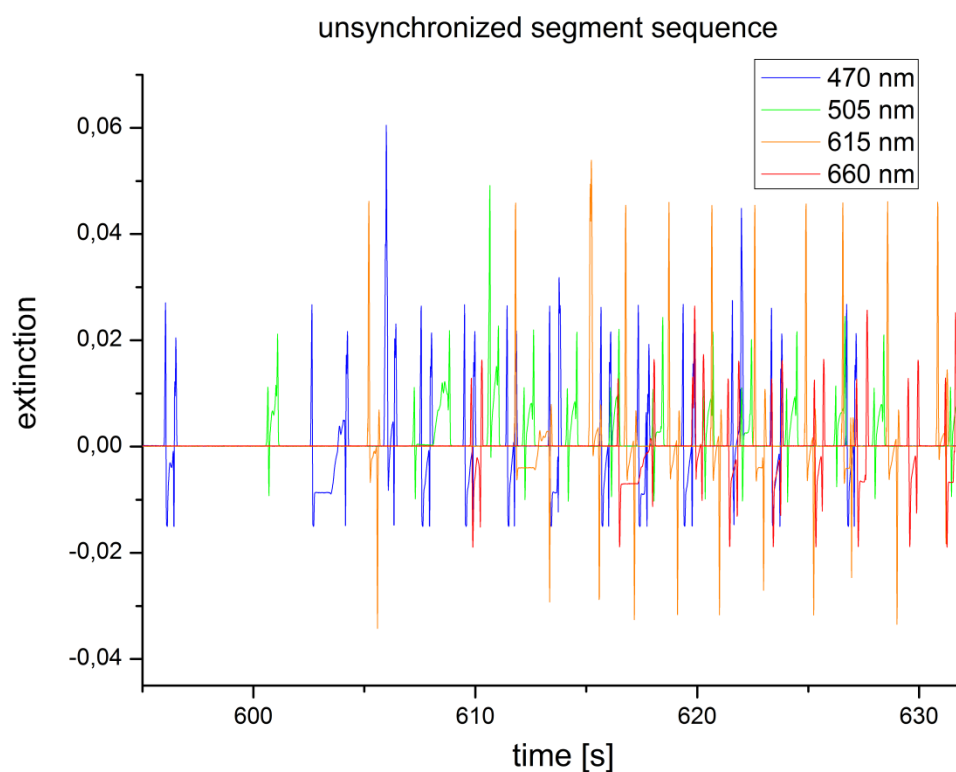
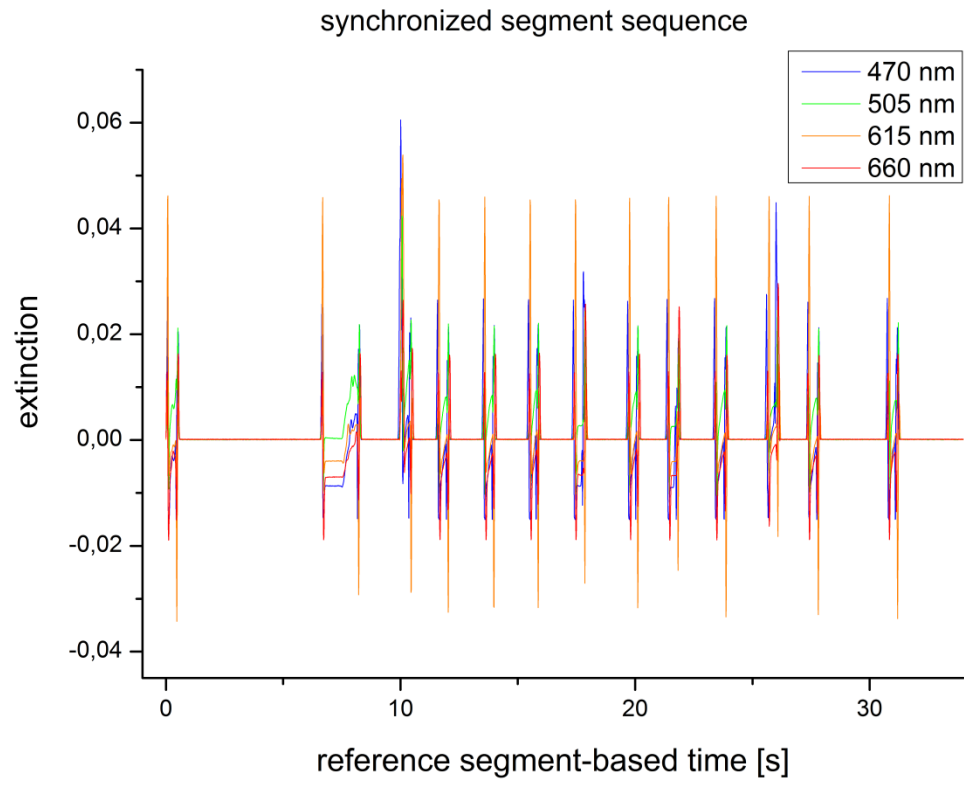


Figure S1

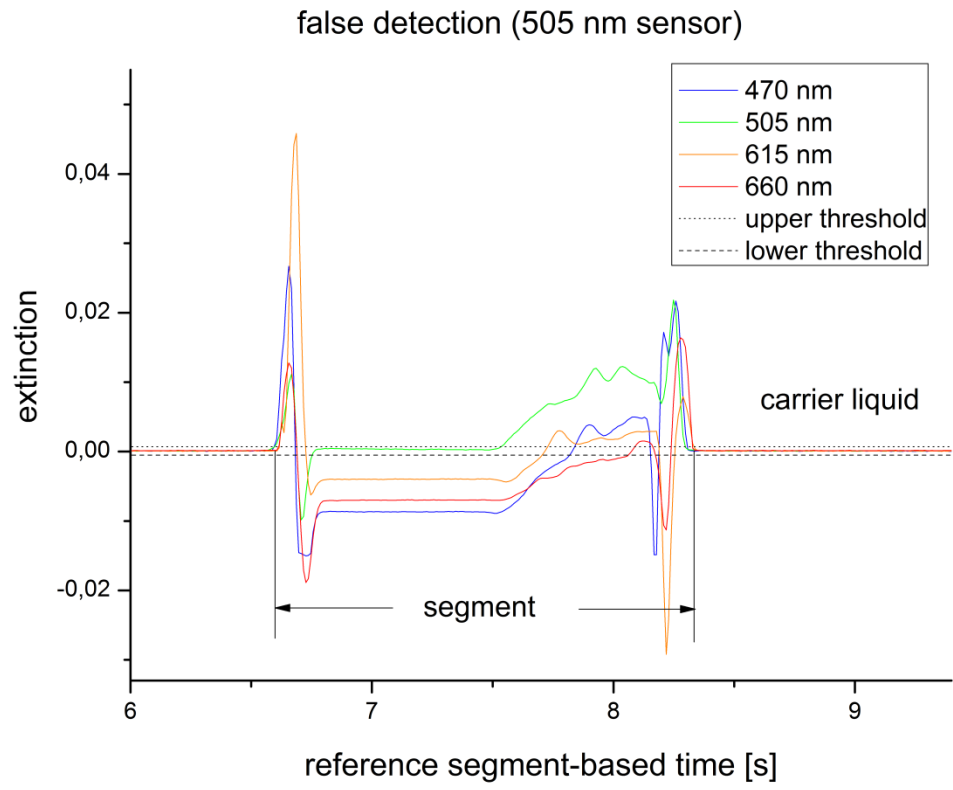
Data synchronization: Data from a multisensor-measurement after cultivation of soil sample G 9 for 9 days with 0.3 mM copper sulfate **(A)** selected unsynchronized data **(B)** same data time-based synchronized **(C)** false detection of the second segment of this segment sequence due to an extinction signal (505 nm) which corresponds to the extinction of the carrier liquid



(A)



(B)



(c)