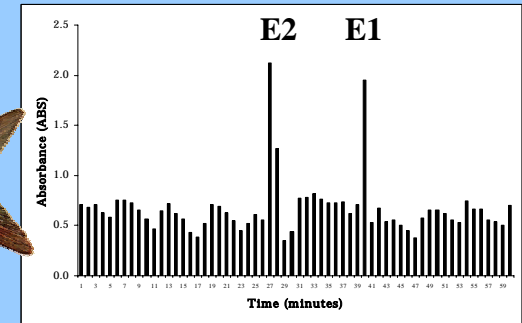
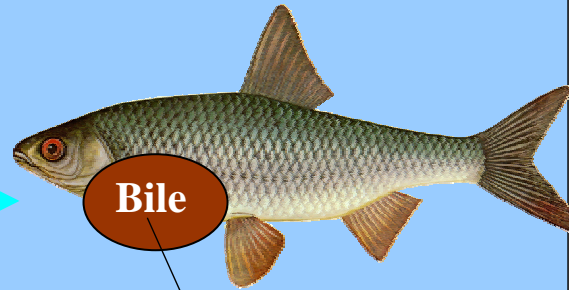
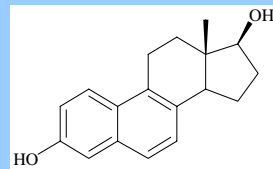


MIXTURES of oestrogens in effluents

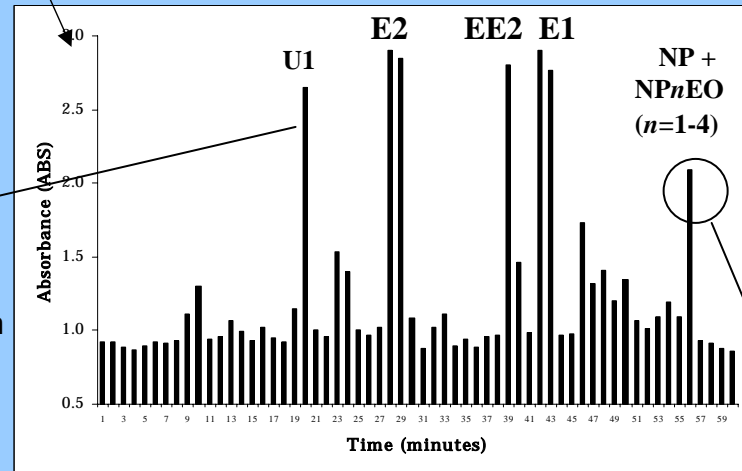
Mesocosms....



The oestrogenic activity of the test effluents measured

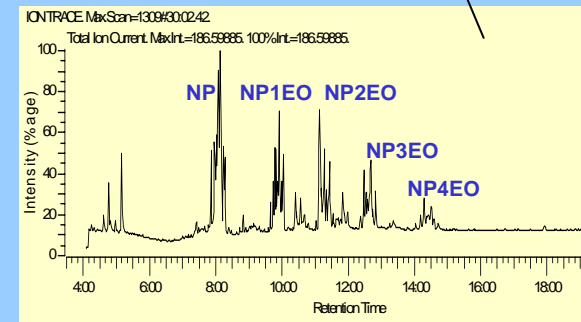


17 β -dihydroequilenin + (Equilenin)



Bile analysed to identify (anti-)oestrogenic compounds and their metabolitesEnzymic hydrolysis –RP-HPLC + yeast screens LC-NMR-MS/GC-MSMS

Gibson, R., Smith, M.D., Spary, C., Tyler, C.R., Hill, E.M. (2005). *ES&T* 39(8) 2461-2471



....and now there are anti-androgens to consider too