Attempt:

10 mM. – under Argon

2.12 g serotonin ·HCl in ~ 10 mL H_2O, add 25% NaOH

(0.4 g) 1.7 mL neutral won't stir anymore

+ 1.7 mL pretty much goes back into solution

+ 0.5 mL more, for good luck

2.0 g (1.0 mL) (30% xs) EtI.

stir RT ~ 2 hrs under Argon – not much discolouration

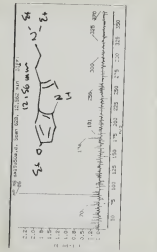
xtrt CH_2Cl_2 (color stays in aq.) (open to air – rapid darkening).

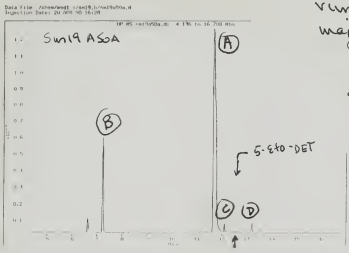
flash xtrt → almost nothing

run in 90/10 anyway

major product – 5-Eto-T!

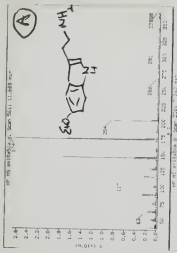
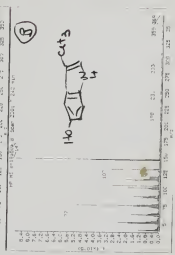
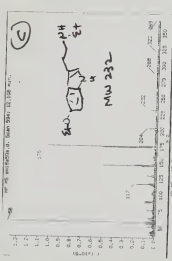
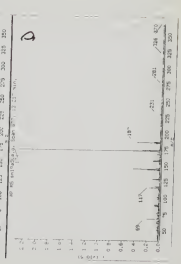
Sm19 a 50 a





5-Eto-T 11.67 min

5-Eto-NET 12.11 min

5-Eto-DET found by single ion 86

12.56 min