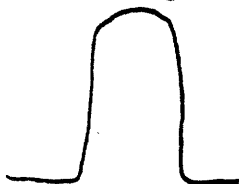


Subject

Instructor's Name

1-1-77 Isolation of Putative Methylated Adduct

- Inject 10 μ l of methylation mixture (12-31-1)
- Results:

same as yesterday, The "product" collected (fracs. 5, 6, 7; ~6 ml) had a peak shape like  on attenuation x. 2. The broadness may be due to a ~~betaine~~ betaine-like structure (e.g. M⁷G).

- The collected fractions were pooled and rotovaped to dryness.

Note: The "adduct" peak eluted ~1 min early and fluoresced strongly. $\therefore$ probably diol or B₁-related structure

- The walls of 10 ml pear-shaped flask were carefully rinsed down and redried
- add 100 μ l HClO₄ (72%) with pipette
- rinse wall well (no problem)

Note: The solid (i.e. ^{small}film) turned yellow on addition of acid

- heat at 100-110°C for 1 hr
- neutralize with 0.470 ml 3.0 N KOH + 1 drop HCOOH
- filter
-