2-6-77 **Comparison of 3-Me-I and 9-Me-I Peaks in Adduct Methylolation Mixture**

**Purpose:** to determine how much of each methylated adduct is in each mixture.

**Sample:** Chromatogram from 1-2-77. The tracing used for planimetric integration is on the facing page.

\[
\text{area (x,z) for } \text{diol peak} = 0.385 \text{ in}^2 \\
\text{area (x,z) for } 9\text{-Me-I peak} = 0.757 \text{ in}^2 \\
\frac{3\text{-Me-I}}{9\text{-Me-I}} = 0.51
\]

2-7-77 **Preparation of Fortified Adduct.**

**Sample:** Derived from 12-15-1 which was the 2nd large adduct isolation. Three of the batches of prep-col. crystals have been used by Bob Coy to get a UV spectrum; these are designated 1-3-1P

**Samples Available**
- 12-15-99
- 12-21-5
- 12-17-4
- 12-16-3
- 12-3-1P

\[
\begin{align*}
12-16-1 \\
12-15-100 \\
12-16-2
\end{align*}
\]

The SN was decanted from each sample = 2-7-1

The crystals = 2-7-2 (~5 mg)

These were derived from **JE-5 DNA**