1-2-76 Isolation of Methylated Guanine (9-MeGua ?) For UV Spectrum (Bob Coy)

- Inject 200 μl of HClO₄ hydrolysis product into HPLC

HPLC conditions: Waters, 0.1 M AF pH 4.3
0.6 μl/min 2500 psi 62°C

- NOTE: The methylated base came out earlier than expected - ? the column is overloading (perchlorate ?)

- collect peak of 9-MeGua in 1 ml cuvette
- get UV spectrum
  acid:
  base:

The UV in base doesn't look like published spectrum but (1) base come from plastic bottle (2) conc. v. low and we needn't say that spectra often are conc. dependent.

1-2-76 Isolation of More Methylated Adduct

Sample: 20 μl 12-31-1

Collected and SAVE - THIS IS STILL AROUND