

Subject Further Proc. 8-25-2 (cont.) Instructor's Name

9-27-76 The column finally was restored to more or less normal behavior. The chromatogram showed:



The 365 "adduct" peak was ~2 min early!  
 - There was a lot of 254 contamination which would complicate using this method for adduct isolation

Note the phthalate contamination - this is a result of omitting the charcoal column in the clean-up of the H<sub>2</sub>O in the mobile phase.

### 9-27-76 PREPARATION OF AN ADDUCT STANDARD

- 5  $\mu$ l of "lg. quant adduct" from 8-26-76
- add to 995  $\mu$ l MeOH

count 50  $\mu$ l: 726 counts / 4 min  $\rightarrow$  3630  $\frac{\text{cpm}}{\text{ml}}$

NOTE: this is much less than what was obtained originally on p. 32 - when I thought the adduct started to come out of solution  
 - The HPLC confirmed that there was very little adduct in the sample. The adduct may not be sol. at this conc.