

Count 100  $\mu$ l 10-19-9 : 22,680  $\frac{\text{counts}}{10 \text{ min}}$   
(don't know what volume got)

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Count 100  $\mu$ l of 10-21-1 :  $\left. \begin{array}{l} 104,826 \\ 107,767 \end{array} \right\} 10629.6$   
10 min  $\frac{\text{cpm}}$

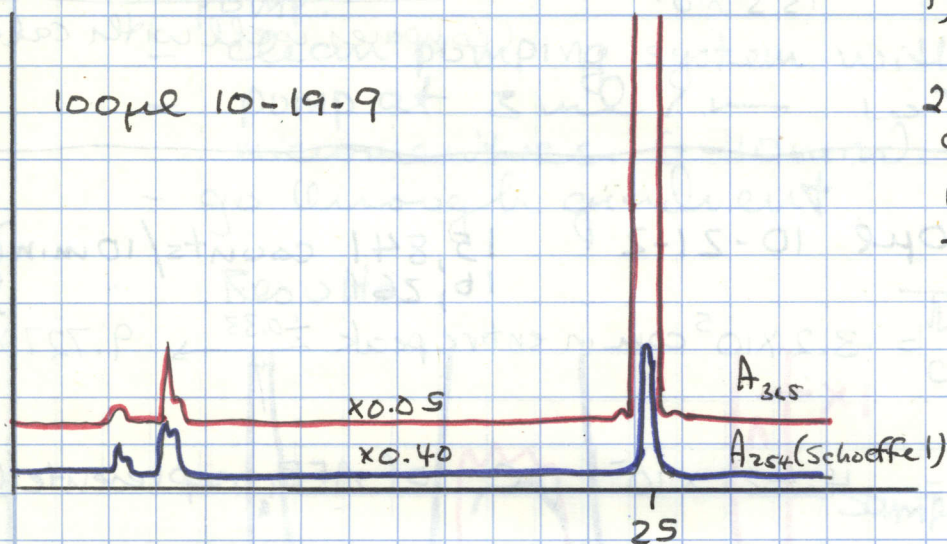
$$\left( \frac{10629.6}{0.1 \text{ ml}} \right) (110 \text{ ml}) = \underline{1.169 \times 10^7 \text{ total cpm}}$$

10-20-76

Quality Control Check of 10-9-1 Adduct  
Prepared 10-19-76

Sample: 10-19-9 analyzed on Waters  $C_{18}$   
in Micromeritics eluted with 10 to 80%  
MeOH in 40 min - standard conditions

Results:



Conclusions:

- 1) There is a lot of adduct here
2. It appears to be quite pure - more work should be done to evaluate this, however.

10-21-76 Further Processing of JE-4 Adduct

- The sample of JE-4 hydrolyzed on 10/19/76 is dry - it took ~ 24 hrs (trap cleaned ~ 6 times).
- Paul added 90 ml  $H_2O$  - it went into solution to make a cloudy suspension ~~slowly~~ quickly
- add 10 ml MeOH
- let stand on ice for 3 hrs.
- centrifuge 12k rpm 15 min.
- wash pellet with 10 ml 10% MeOH and add SN (after cent.) to original SN  
total volume = 110 ml

SAMPLE: 10-21-1 = 110 ml hydroly. SN after Lyoph.