```
prepare @all
Female2008
kk = [];
fkk = [];

 VVIAL=.01165;
 VMED=.001;
 VINJ=0.0002;
 VAIR=VVIAL-VMED;
 TSTOP=1.2; TF=0.; TI=0.2;
 PROT = 1.0;
 P1=0.69;
%Female Rat Lung


CAO = [1 10 50 150 270 540];

for pp = ID_50ppm: ID_270ppm
       A10 = FratLung(1, pp)'*(VAIR+P1*VMED);
           VMAX1=0.0;
           KM1=0.0;
       VK = 1.2/1000;
   start @nocallback

       kk = [kk, _ca1];
end % end of dose loop
 fkk= [_time, kk];
disp("Female Rat lung")
save fkk @format=ascii @file=FR_lung_tab3.csv @separator=comma

kk=[];
fkk=[];
for pp = ID_50ppm:  ID_270ppm
       A10 = FratLung(1, pp)'*(VAIR+P1*VMED);
           VMAX1=1.02/1000;  %units conversion from per gram to per mg
           KM1=0.69;
       VK = 0;
   start @nocallback

       kk = [kk, _ca1];
end % end of dose loop
 fkk= [_time, kk];
disp("Female Rat Lung")
save fkk @format=ascii @file=FR_lung_tab3_recalc.csv @separator=comma
```