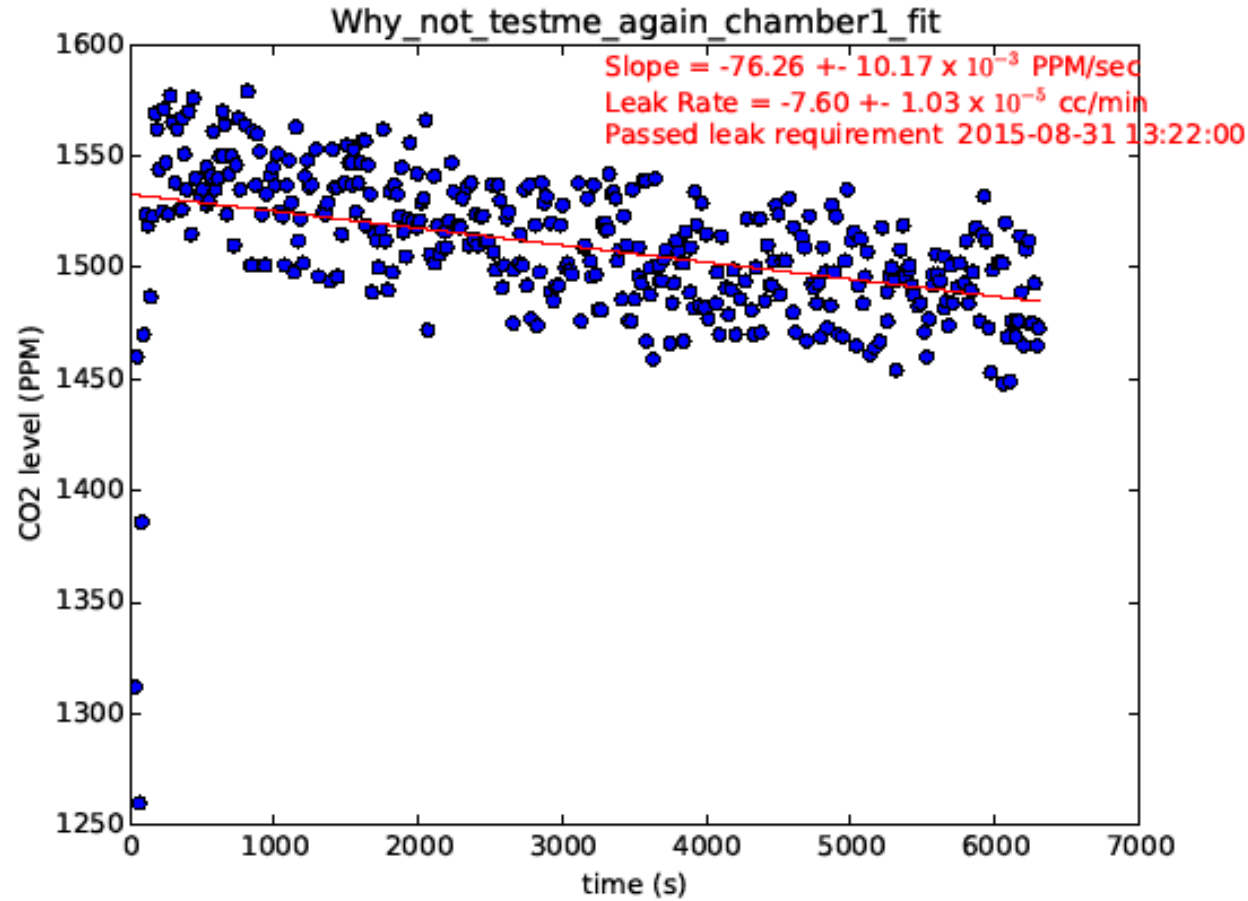


# Anti-kink



- Before test:  
Flushed chamber with N<sub>2</sub>.  
left it closed for 2h.  
Then injected 0.9ml  
CO<sub>2</sub>, begin test.

# Kink investigate on ch#3

- Left :

Before test: flushed chamber  $N_2$  for 2min.

During test: No straw inside the chamber.

- Right :

Before test: Injected 0.9ml  $CO_2$  ,leave it for 2h.

Then do the same thing as what been done for left.

- Conclusion: something inside the chamber absorbed  $CO_2$ . Kink caused by chamber itself.

	Slope for no co2 injected				Slope for 0.9ml co2 injected		
	0~1000sec	1000~2000	$\Delta$ slope		0~1000sec	1000~2000 sec	$\Delta$ slope
	6.72±8.48	8.16±10.07	-1.44		9.25±8.64	-0.27±7.71	9.52
	7.03±8.69	7.50±7.98	-0.47		18.00±8.33	7.31±8.07	10.69
	13.72±8.15	-1.36±8.43	15.08		15.20±8.45	1.11±8.37	14.09
	1.24±8.39	9.71±8.36	-8.47		21.53±8.62	-2.86±8.56	18.67
	2.93±8.47	3.76±7.61	-0.83		5.85±8.34	14.84±8.66	-8.99
	4.23±8.27	7.72±8.71	-3.49		14.05±8.17	4.11±7.71	9.94
Average	5.97	5.91	0.0633333		13.98	4.04	8.986667