

# APPROACH POINT CROSS EXAMINATION

1/18/2011

**NAME:** JANINE ARVIZU

**PAGE:** 1

**SUBJECT/TOPIC:** Concession based cross

**FACT POINTS:**

**SOURCE:**

“The GC is state of art. That is a fair statement”

Kirkpatrick 8/28/07 page  
35

“The GC is traditionally used in this type of work”

Kirkpatrick 8/28/07 page  
32

“The GC instruments used for this testing are very robust. It is a proven technology that is not the concern.”

Patrou page 16

The GC is one of the most robust, widely used instruments.”

Marrama page 78

“The GC is stupid (need to be properly calibrated) but it is widely used and well understood.”

Marrama page 78

The GC is a stupid machine. It doesn’t know what to test for until you tell it. (properly calibrate it)

Patrou page 24.

Regarding her own testing at DOE “ Sometimes we looking after one particular contaminant sometimes a broad suite of components...

Kirkpatrick 8/28/07 page  
84.

“Did she have situations where she was not able to identify substances?” “Oh yes.” ( here is where you can have her indicate it did not impact the results of what she was testing for. DDT)

**NO source quoted**

“Verifiers responded correctly ( on the results) .

Patrou page 134

**JURY POINT:** One of the ways Arvizu attacks the GC instrument /testing procedures is to talk about contamination in the samples. (she views the chromatograms and finds “peaks”, “negative peaks” and “noise” which she claims is indicative of contamination. However, these variations should not impact the accuracy of the alcohol testing)

**OPTIONAL THEME:**