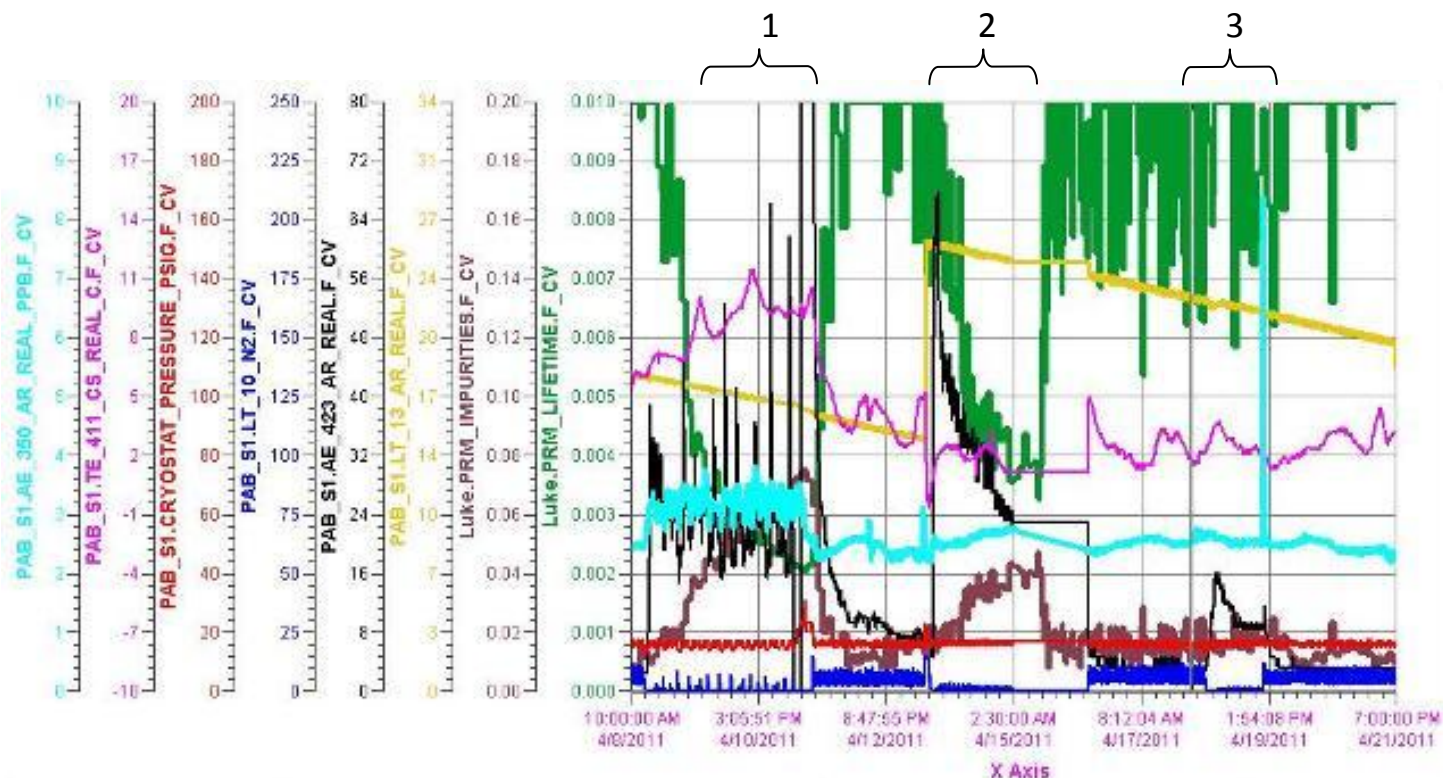


"Pinpoint" Colormetric developer, ADP-219

4/13/2011 – 4/21/2011

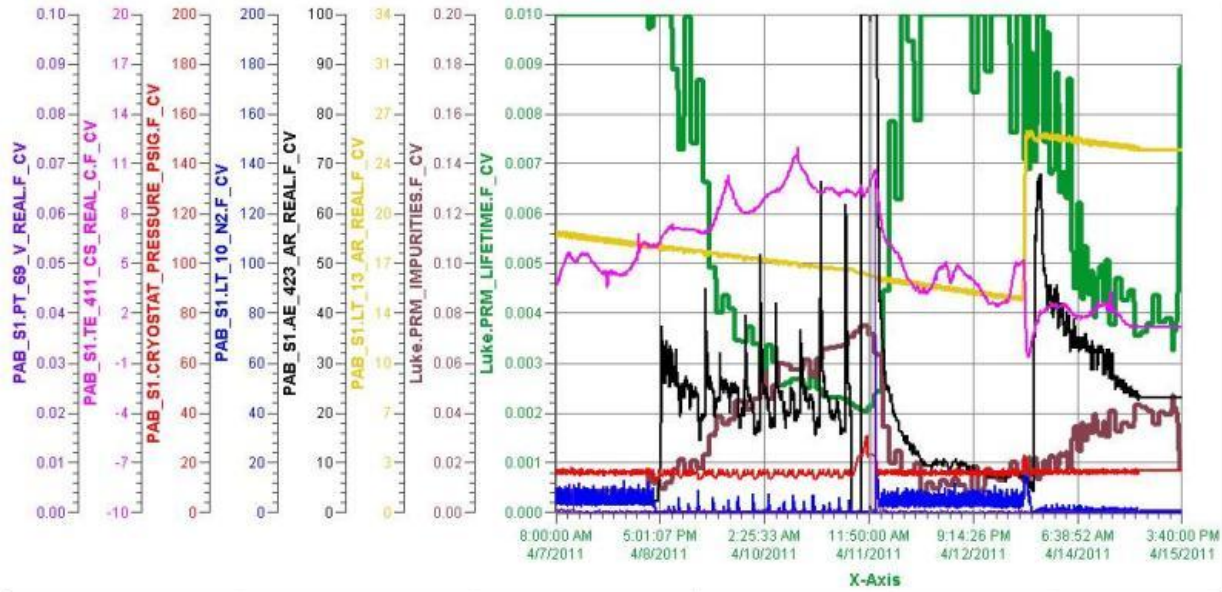
1. Zero test.
2. Room temperature test.
3. Vapor test.



Pen Name	Description	Value	Eng Units	High Over Range	Low Over Range
— Luke.PRM_LIFETIME.F_CV	Luke.PRM_LIFETIME.F_CV	0.01533	sec	0.02000	0.00201
— Luke.PRM_IMPURITIES.F_CV	Luke.PRM_IMPURITIES.F_CV	0.0098	imps	0.0745	0.0075
— PAB_S1_LT_13_AR_REAL...	Luke Argon Level Probe	22.7	inches	26.1	14.4
— PAB_S1_AE_423_AR_REA...	HALO H2O meter (F_CV)	3.0	opb	3,310.4	0.0
— PAB_S1_LT_10_N2.F_CV	Luke Condenser LN2 Level Pro...	3.2	inches	14.4	-0.0
— PAB_S1_CRYOSTAT_PRE...	Luke Vapor Pressure	15.8	psig	30.5	12.5
— PAB_S1_TE_411_CS_R...	TC on Luke top flange (F_...	1.6	C	11.5	-0.7
— PAB_S1_AE_350_AR_REA...	opb version for alcting (F_CV)	3	opb	6	2

4/8/2011 10:00:00 AM 4/21/2011 7:00:00 PM

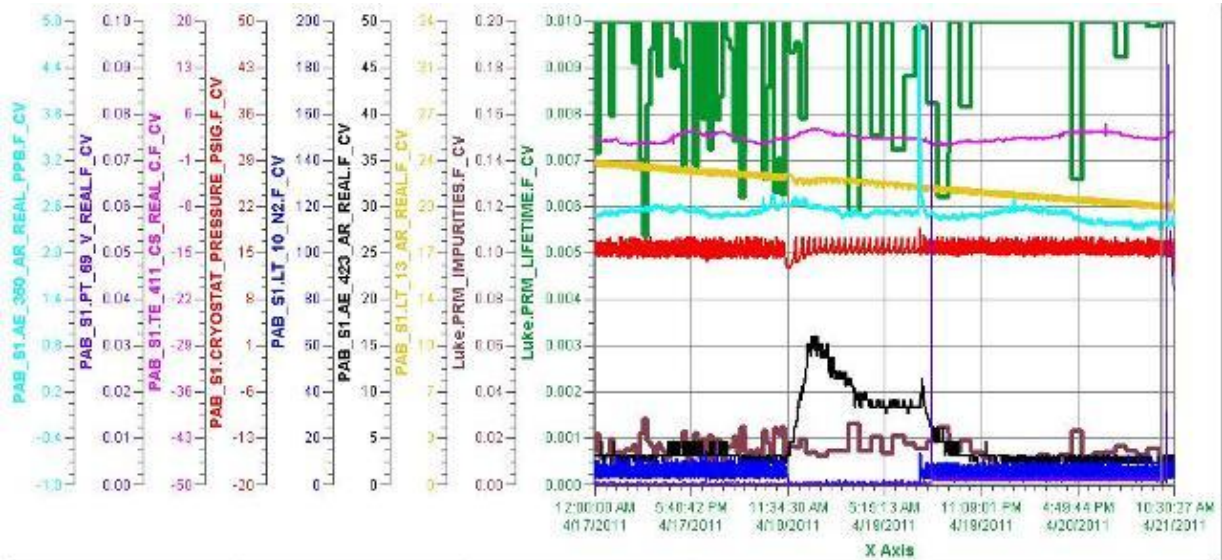
Zero test and Room temperature test.



Pen Name	Description	Value	Eng Units	High Over Range	Low Over Range
Luke.PRM_LIFETIME.F_CV	Luke.PRM_LIFETIME.F_CV	0.00212	sec	0.02000	0.00201
Luke.PRM_IMPURITIES.F_CV	Luke.PRM_IMPURITIES.F_CV	0.0707	Imps	0.0745	0.0075
PAB_S1_LT_13_AR_REAL	Luke Argon Level Probe	16.2	inches	25.0	14.4
PAB_S1_AE_423_AR_REAL	HALO H2O meter (F_CV)	1,233.3	ppb	3,254.0	0.0
PAB_S1_LT_10_N2_F_CV	Luke Condenser LN2 Level Pro...	-0.0	inches	14.4	-0.0
PAB_S1_CRYOSTAT_PRE...	Luke Vapor Pressure	22.9	psig	30.5	12.5
PAB_S1_TE_411_CS_REA...	TC on Luke top flange (F_CV)	9.8	C	12.0	-0.7
PAB_S1_PT_69_V_REALF...	Seal Monitor Vacuum	0.0007	Torr	0.0672	0.0001

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Vapor test.



Pen Name	Description	Value	Eng Units	High Over Range	Low Over Range
Luke.PRM_LIFETIME.F_CV	Luke.PRM_LIFETIME.F_CV	0.01269	sec	0.02000	0.00533
Luke.PRM_IMPURITIES.F_CV	Luke.PRM_IMPURITIES.F_CV	0.0118	Imps	0.0282	0.0075
PAB_S1_LT_13_AR_REAL	Luke Argon Level Probe	29.5	inches	33.0	20.2
PAB_S1_AE_423_AR_REAL	HALO H2O meter (F_CV)	2.3	ppb	18.0	2.3
PAB_S1_LT_10_N2_F_CV	Luke Condenser LN2 Level Pro...	4.6	inches	14.3	-0.0
PAB_S1_CRYOSTAT_PRE...	Luke Vapor Pressure	14.8	psig	18.8	12.0
PAB_S1_TE_411_CS_REA...	TC on Luke top flange (F_CV)	2.3	C	4.3	1.1
PAB_S1_PT_69_V_REALF...	Seal Monitor Vacuum	0.0007	Torr	14.5128	0.0001
PAB_S1_AE_350_AR_REAL	ppb version for ppb (F_CV)	2.4	ppb	0.4	2.3

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