

AEROSOL DATA - CHAMBER PC81 WOOD SMOKE CHARACTERIZATION

TOTAL FILTER DATA

Note			
Date	04/01/2025	04/02/2025	04/03/2025
Protocol	MASKON	MASKON	MASKON
Subject Number	CAPR only	CAPR only	CAPR only
Filter location	PC81	PC81	PC81
VAPS - Start time	12:15	11:20	10:45
VAPS - Stop time	14:15	13:20	12:45
VAPS - Total time (min)	120	120	120
External - Start time	12:15	11:20	10:45
External - Stop time	14:15	13:20	12:45
External - Total time (min)	120	120	120
Chamber Pressure (mm Hg)	749.4	755.4	754.1
Chamber Temperature (C)	22.0	22.0	22.0
Barometric Pressure (mm Hg)	749.4	755.4	754.1

Summary of PC81 Data

Date	04/01/2025	04/02/2025	04/03/2025
Start Time	12:15	11:20	10:45
Stop Time	14:15	13:20	12:45
Media ID	5514	5517	5520
Coarse Teflo Mass Conc (ug/m3)	-2.97	-2.98	-3.14
Teflo Mass Conc. (ug/m^3)	461.88	435.46	416.89
Teflo Mass Conc. (ug/m^3)	470.56	453.06	428.89
Average Teflo Conc. (ug/m^3)	466.22	444.26	422.89
Percent Difference Teflo	1.86	3.96	2.84
Ave. Teflo/Coarse Teflo			
TEOM Temperatures (C)	30.00	30.00	30.00
TEOM (ug/m^3)	537.18	536.79	521.57
Chamber DustTrak(ug/m3)	1945.41	1946.05	1810.07
Chamber CPC (#/cc)	44280.18	35859.48	35463.66
Number Size (um)	0.14	0.15	0.14
Volume Size (um)	0.41	0.45	0.48
Sigma G	1.82	1.84	1.90
CO (ppm)	2.61	2.06	1.89
HC (ppm)	3.43	3.86	3.62
PC81DCTLF	29.21	28.16	31.97
Barometric Pressure (mmHg)	749.40	755.38	754.12
PC81 Temperature (deg C)	22.00	22.00	22.01
PC81 RH (%)	39.98	40.19	40.13
PLENNO	0.00	0.00	0.00
PLENNO2	0.00	0.00	0.00
PLENOZ	0.00	0.00	0.00
PLENSO2	0.00	0.00	0.00
TEOM/Total Filter	0.00	0.00	0.00
DustTrak/Total Filter	417.28	438.05	428.02
CPC/Total Filter	94.98	80.72	83.86
CO / Total Filter x 100	0.56	0.46	0.45
HC / Total Filter x 100	160.74	170.03	178.32

AEROSOL DATA FORM

Date: 4/1/2025 Protocol: Maskon-Validation Subj. No: ---Location: **Chamber PC81** Operator: M. Brooks Run No: ---

VAPS Start Time <u>12:15</u>				Operate VAPS with virtual impactor	
VAPS Stop Time <u>14:15</u>					
Fine (3) (Teflo)		Coarse (1) (Teflo)		Fine (2) (Teflo/Nylasorb)	
Holder ID	<u>581</u>	Holder ID	<u>939</u>	Base Coat Date Long	
Media ID	<u>5514</u>	Media ID	<u>5515</u>	Base Holder ID	
Flow (lpm)		Flow (lpm)		Base Media ID	
		Filter Type		Acid Coat Date Short	
				Acid Holder ID	
				Acid Media ID	
				Holder ID	<u>392</u>
				Teflon Media ID	<u>5516</u>
				Nylon Media ID	
				Flow (lpm)	
Dry Gas Meter (m ³)					
End Reading	<u>64.9840</u>	End Reading	<u>71.1307</u>	End Reading	<u>170.7153</u>
Start Reading	<u>63.1302</u>	Start Reading	<u>70.8740</u>	Start Reading	<u>168.8490</u>
Chamber					
				BP (mm Hg)	<u>749.4</u>
				PC81TMP	<u>21.996</u>
				PC81CCON	<u>44280.2</u>
				PC81TEOM	<u>537.18</u>
				PC81MCON	<u>1945.4</u>
				PC81RH	<u>39.98</u>
				PC81CO	<u>2.610</u>
				PC81HC	<u>3.431</u>

AEROSOL DATA FORM

Date: 4/2/2025 Protocol: MaskOn-Validation Subj. No: -Location: **Chamber PC81** Operator: M. Brooks Run No: -

VAPS Start Time		<u>11:20</u>		Operate VAPS with virtual impactor	
VAPS Stop Time		<u>13:20</u>			
Fine (3) (Teflo)		Coarse (1) (Teflo)		Fine (2) (Teflo/Nylasorb)	
Holder ID	<u>581</u>	Holder ID	<u>939</u>	Base Coat Date Long	
Media ID	<u>5517</u>	Media ID	<u>5518</u>	Base Holder ID	
Flow (lpm)		Flow (lpm)		Base Media ID	
		Filter Type		Acid Coat Date Short	
				Acid Holder ID	
				Acid Media ID	
				Holder ID	<u>392</u>
				Teflon Media ID	<u>5519</u>
				Nylon Media ID	
				Flow (lpm)	
Dry Gas Meter (m ³)					
End Reading	<u>44.8571</u>	End Reading	<u>71.3867</u>	End Reading	<u>172.5800</u>
Start Reading	<u>64.9840</u>	Start Reading	<u>71.1307</u>	Start Reading	<u>170.7153</u>
				Chamber	
				BP (mm Hg)	<u>755.4</u>
				PC81TMP	<u>22.00</u>
				PC81CCON	<u>35859</u>
				PC81TEOM	<u>536.8</u>
				PC81MCON	<u>1946.0</u>
				PC81RH	<u>40.19</u>
				PC81CO	<u>2.058</u>
				PC81HC	<u>3.864</u>

AEROSOL DATA FORM

Date: 4/3/2025 Protocol: MaskOn-Validation Subj. No: Location: **Chamber PC81** Operator: M. Brooks Run No:

VAPS Start Time		<u>10:45</u>		Operate VAPS with virtual impactor	
VAPS Stop Time		<u>12:45</u>			
Fine (3) (Teflo)		Coarse (1) (Teflo)		Fine (2) (Teflo/Nylasorb)	
Holder ID	<u>581</u>	Holder ID	<u>939</u>	Base Coat Date Long	
Media ID	<u>5520</u>	Media ID	<u>5521</u>	Base Holder ID	
Flow (lpm)		Flow (lpm)		Base Media ID	
		Filter Type		Acid Coat Date Short	
				Acid Holder ID	
				Acid Media ID	
				Holder ID	<u>392</u>
				Teflon Media ID	<u>5522</u>
				Nylon Media ID	
				Flow (lpm)	
Dry Gas Meter (m ³)					
End Reading	<u>68.7203</u>	End Reading	<u>71.6428</u>	End Reading	<u>174.4390</u>
Start Reading	<u>66.8571</u>	Start Reading	<u>71.3867</u>	Start Reading	<u>172.5800</u>
				Chamber	
				BP (mm Hg)	<u>754.1</u>
				PC81TMP	<u>22.01</u>
				PC81CCON	<u>35463.1</u>
				PC81TEOM	<u>521.6</u>
				PC81MCON	<u>1810.1</u>
				PC81RH	<u>40.13</u>
				PC81CO	<u>1.890</u>
				PC81HC	<u>3.624</u>

Generic Gas Exposure Error Prevention Checklist

Before Subject Entry

- ✓ Check sample fans sensor calibration (Execute @pcs_dir_sha:chkfans)
- ✓ Correct chamber manifold fan on
- ✓ Plenum manifold fan on
- ✓ All required plenum analyzers configured
- ✓ Check sample fans on HEL (Execute @pcs_dir_sha:chkfans on HEL)
- ✓ HEL non-spurious alerts all reset
- ✓ HEL watchdog enabled
- ✓ HEL audible alerts enabled

Generic Aerosol Exposure Error Prevention Checklist

Morning of Day Before:

- ☒ STATUS = OK or Normal for all TEOMs
- ☒ Filter loading < 69% minus estimated exposure loading for all TEOMs
- ☒ Noise < 0.1 for all TEOMs
- ☒ Frequency between 200 and 400 for all TEOMs
- ☒ TEOM sample lines connected

Before Subject Entry:

- ☒ All 3080 electrostatic classifier sheath flows = 3 LPM
- ☒ All 3080 electrostatic classifier sheath flow lights not blinking
- ☒ All 3080 electrostatic classifiers are in analog control mode
- ☒ All 3082 electrostatic classifiers only have a LOW AEROSOL FLOW error
- ☒ All electrostatic classifier sample lines connected
- ☒ All DustTrak power supplies have green light illuminated
- ☒ All DustTrak red Stop button and green Flow, Laser, and Filter status lights are illuminated
- ☒ All DustTrak run modes are in SURVEY
- ☒ All DustTrak sample lines connected
- ☒ Status bar at top of display is green and indicates OK status for 3775 CPCs
- ☒ Symbol in upper right corner of screen is blue for 3752 CPCs
- ☒ Butanol bottle levels feeding to CPCs are within limits displayed on bottle
- ☒ All CPC sample lines connected
- ☒ Filter color codes are correct
- ☒ Filter lines are connected to the correct filter holders
- ☒ Quartz filter is installed as required
- ☒ Valve behind the quartz filter open when filter is installed
- ☒ Aerosol Data Form entries correct
- ☒ Accumulator pseudo-analyzers are configured as required
- ☒ Reasonable distribution display from REPORT DISTRIBUTION/TREND/COUNT /CORRECTED command
- ☒ No upturned right tail on display from REPORT DISTRIBUTION/TREND/COUNT /CORRECTED command
- ☒ Chamber's CCON parameter reading below 2000 for clean air exposure
- ☒ All required plenum analyzers are configured
- ☐ Plenum manifold fan is on when plenum analyzers are required
- ☐ HEL audible alerts are enabled when plenum analyzers are required
- ☐ HEL non-spurious alerts are reset when plenum analyzers are required
- ☐ HES audible alerts are enabled when HES chambers are being used

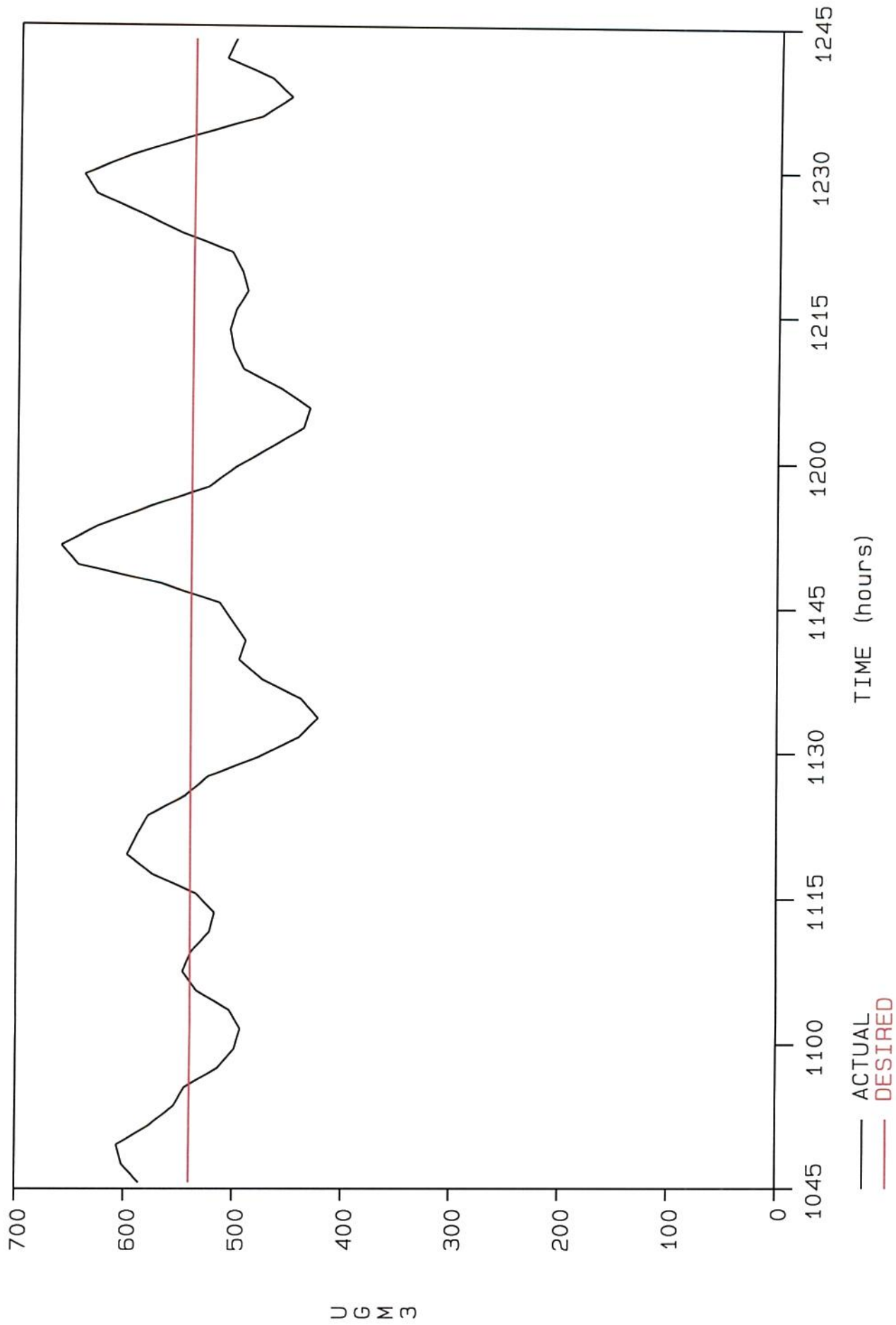
Parameter PC81TWOO from 04/03/2025 10:45:38 to 04/03/2025 12:43:38
 Chamber PC81 Teom Conc. for Wood Smoke

04/03/2025 10:45:38	5.8573E+02	C	04/03/2025 10:47:38	6.0160E+02	C
04/03/2025 10:49:38	6.0657E+02	C	04/03/2025 10:51:38	5.7679E+02	C
04/03/2025 10:53:38	5.5452E+02	C	04/03/2025 10:55:38	5.4453E+02	C
04/03/2025 10:57:38	5.1394E+02	C	04/03/2025 10:59:38	4.9891E+02	C
04/03/2025 11:01:38	4.9398E+02	C	04/03/2025 11:03:38	5.0413E+02	C
04/03/2025 11:05:38	5.3417E+02	C	04/03/2025 11:07:38	5.4680E+02	C
04/03/2025 11:09:38	5.3904E+02	C	04/03/2025 11:11:38	5.2220E+02	C
04/03/2025 11:13:38	5.1777E+02	C	04/03/2025 11:15:38	5.3477E+02	C
04/03/2025 11:17:38	5.7513E+02	C	04/03/2025 11:19:38	5.9841E+02	C
04/03/2025 11:21:38	5.8917E+02	C	04/03/2025 11:23:38	5.7899E+02	C
04/03/2025 11:25:38	5.4472E+02	C	04/03/2025 11:27:38	5.2377E+02	C
04/03/2025 11:29:38	4.7764E+02	C	04/03/2025 11:31:38	4.4048E+02	C
04/03/2025 11:33:38	4.2277E+02	C	04/03/2025 11:35:38	4.3834E+02	C
04/03/2025 11:37:38	4.7417E+02	C	04/03/2025 11:39:38	4.9561E+02	C
04/03/2025 11:41:38	4.8954E+02	C	04/03/2025 11:43:38	5.0190E+02	C
04/03/2025 11:45:38	5.1378E+02	C	04/03/2025 11:47:38	5.6714E+02	C
04/03/2025 11:49:38	6.4400E+02	C	04/03/2025 11:51:38	6.5981E+02	C
04/03/2025 11:53:38	6.2580E+02	C	04/03/2025 11:55:38	5.7829E+02	C
04/03/2025 11:57:38	5.2423E+02	C	04/03/2025 11:59:38	4.9989E+02	C
04/03/2025 12:01:38	4.6764E+02	C	04/03/2025 12:03:38	4.3708E+02	C
04/03/2025 12:05:38	4.3163E+02	C	04/03/2025 12:07:38	4.5834E+02	C
04/03/2025 12:09:38	4.9323E+02	C	04/03/2025 12:11:38	5.0256E+02	C
04/03/2025 12:13:38	5.0605E+02	C	04/03/2025 12:15:38	5.0056E+02	C
04/03/2025 12:17:38	4.8998E+02	C	04/03/2025 12:19:38	4.9503E+02	C
04/03/2025 12:21:38	5.0462E+02	C	04/03/2025 12:23:38	5.5166E+02	C
04/03/2025 12:25:38	5.8947E+02	C	04/03/2025 12:27:38	6.3016E+02	C
04/03/2025 12:29:38	6.4143E+02	C	04/03/2025 12:31:38	5.9797E+02	C
04/03/2025 12:33:38	5.4117E+02	C	04/03/2025 12:35:38	4.7823E+02	C
04/03/2025 12:37:38	4.5074E+02	C	04/03/2025 12:39:38	4.6954E+02	C
04/03/2025 12:41:38	5.1112E+02	C	04/03/2025 12:43:38	5.0258E+02	C

Parameter PC81TWOO from 04/03/2025 10:45:38 to 04/03/2025 12:43:38
 Chamber PC81 Teom Conc. for Wood Smoke

60 samples	0 have no data	0 out-of-limits
average = 5.2816E+02	standard deviation =	5.7367E+01
minimum = 4.2277E+02	maximum =	6.5981E+02
% OOL = 0.0000E+00	coef. of variation =	1.0862E+01
min % diff = -2.1710E+01	max % diff =	2.2186E+01
mean % diff = -2.1920E+00		

MASKON SUBJ# T3 - PC81TW00 (Team Conc. for Wood Smoke)
04/03/2025 10: 45: 38 04/03/2025 12: 43: 38



Parameter PC81MWO0 from 04/03/2025 10:45:38 to 04/03/2025 12:43:38
 Chamber PC81 DustTrak Conc. for Wood Smoke

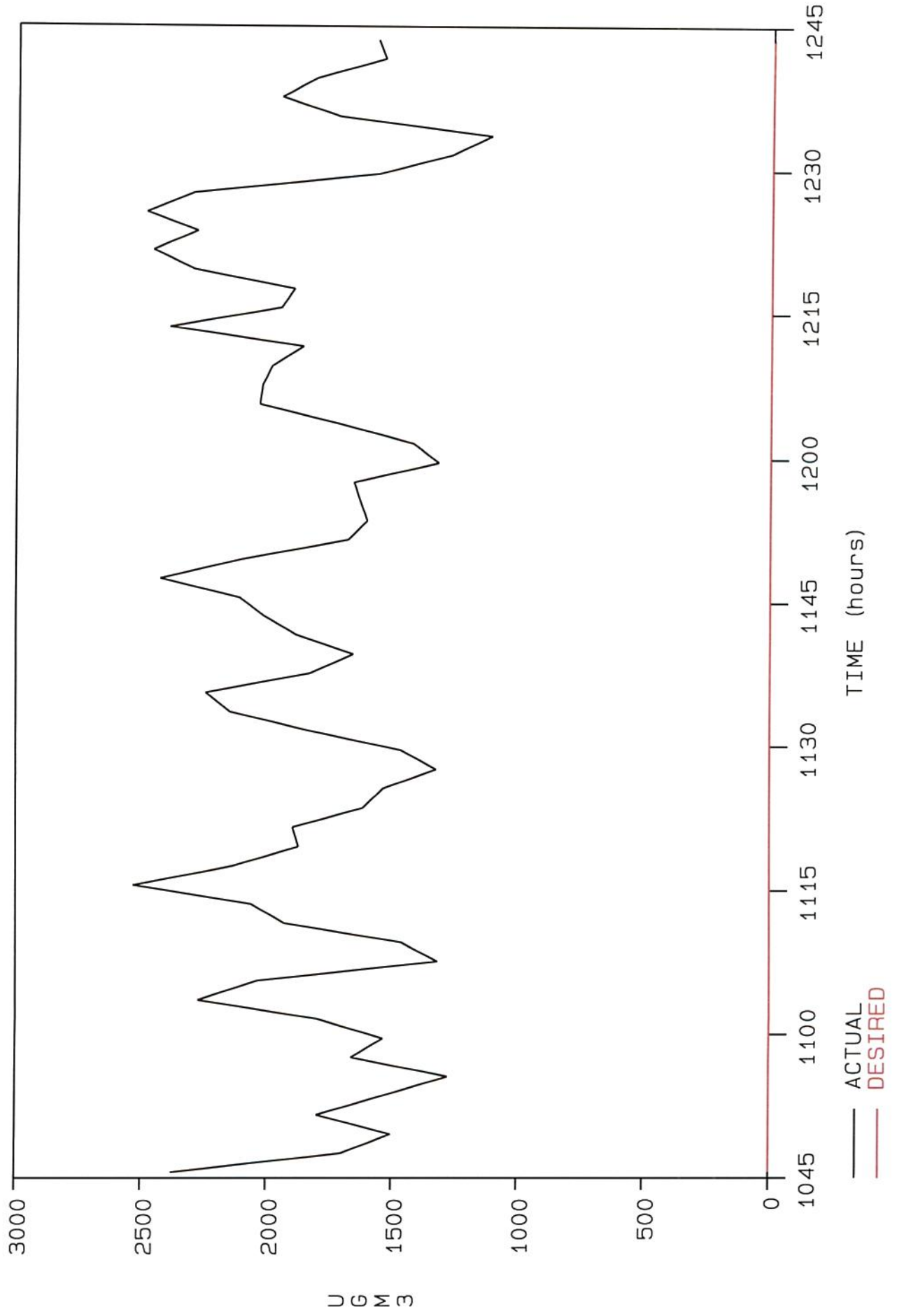
04/03/2025 10:45:38	2.3792E+03	04/03/2025 10:47:38	1.7008E+03
04/03/2025 10:49:38	1.5025E+03	04/03/2025 10:51:38	1.7993E+03
04/03/2025 10:53:38	1.5346E+03	04/03/2025 10:55:38	1.2758E+03
04/03/2025 10:57:38	1.6625E+03	04/03/2025 10:59:38	1.5354E+03
04/03/2025 11:01:38	1.7992E+03	04/03/2025 11:03:38	2.2746E+03
04/03/2025 11:05:38	2.0379E+03	04/03/2025 11:07:38	1.3188E+03
04/03/2025 11:09:38	1.4642E+03	04/03/2025 11:11:38	1.9317E+03
04/03/2025 11:13:38	2.0625E+03	04/03/2025 11:15:38	2.5333E+03
04/03/2025 11:17:38	2.1358E+03	04/03/2025 11:19:38	1.8754E+03
04/03/2025 11:21:38	1.8979E+03	04/03/2025 11:23:38	1.6183E+03
04/03/2025 11:25:38	1.5375E+03	04/03/2025 11:27:38	1.3250E+03
04/03/2025 11:29:38	1.4650E+03	04/03/2025 11:31:38	1.8321E+03
04/03/2025 11:33:38	2.1492E+03	04/03/2025 11:35:38	2.2458E+03
04/03/2025 11:37:38	1.8304E+03	04/03/2025 11:39:38	1.6567E+03
04/03/2025 11:41:38	1.8863E+03	04/03/2025 11:43:38	2.0146E+03
04/03/2025 11:45:38	2.1117E+03	04/03/2025 11:47:38	2.4275E+03
04/03/2025 11:49:38	2.1046E+03	04/03/2025 11:51:38	1.6792E+03
04/03/2025 11:53:38	1.6029E+03	04/03/2025 11:55:38	1.6313E+03
04/03/2025 11:57:38	1.6567E+03	04/03/2025 11:59:38	1.3188E+03
04/03/2025 12:01:38	1.4217E+03	04/03/2025 12:03:38	1.7158E+03
04/03/2025 12:05:38	2.0350E+03	04/03/2025 12:07:38	2.0242E+03
04/03/2025 12:09:38	1.9854E+03	04/03/2025 12:11:38	1.8613E+03
04/03/2025 12:13:38	2.3942E+03	04/03/2025 12:15:38	1.9488E+03
04/03/2025 12:17:38	1.8988E+03	04/03/2025 12:19:38	2.2979E+03
04/03/2025 12:21:38	2.4617E+03	04/03/2025 12:23:38	2.2858E+03
04/03/2025 12:25:38	2.4896E+03	04/03/2025 12:27:38	2.3021E+03
04/03/2025 12:29:38	1.5658E+03	04/03/2025 12:31:38	1.2738E+03
04/03/2025 12:33:38	1.1149E+03	04/03/2025 12:35:38	1.7229E+03
04/03/2025 12:37:38	1.9542E+03	04/03/2025 12:39:38	1.8163E+03
04/03/2025 12:41:38	1.5421E+03	04/03/2025 12:43:38	1.5713E+03

Parameter PC81MWO0 from 04/03/2025 10:45:38 to 04/03/2025 12:43:38
 Chamber PC81 DustTrak Conc. for Wood Smoke

60 samples	0 have no data	0 out-of-limits
average = 1.8416E+03	standard deviation =	3.4871E+02
minimum = 1.1149E+03	maximum =	2.5333E+03

The desired value was varying, zero, or negative for the requested period

MASKON SUBJ# T3 - PC81MW00 (DustTrak Conc. for Wood Smoke)
04/03/2025 10: 45: 38 04/03/2025 12: 43: 38



Parameter PC81CGM from 04/03/2025 10:45:38 to 04/03/2025 12:43:38
 Chamber PC81 Particle Count Geom. Mean Diam.

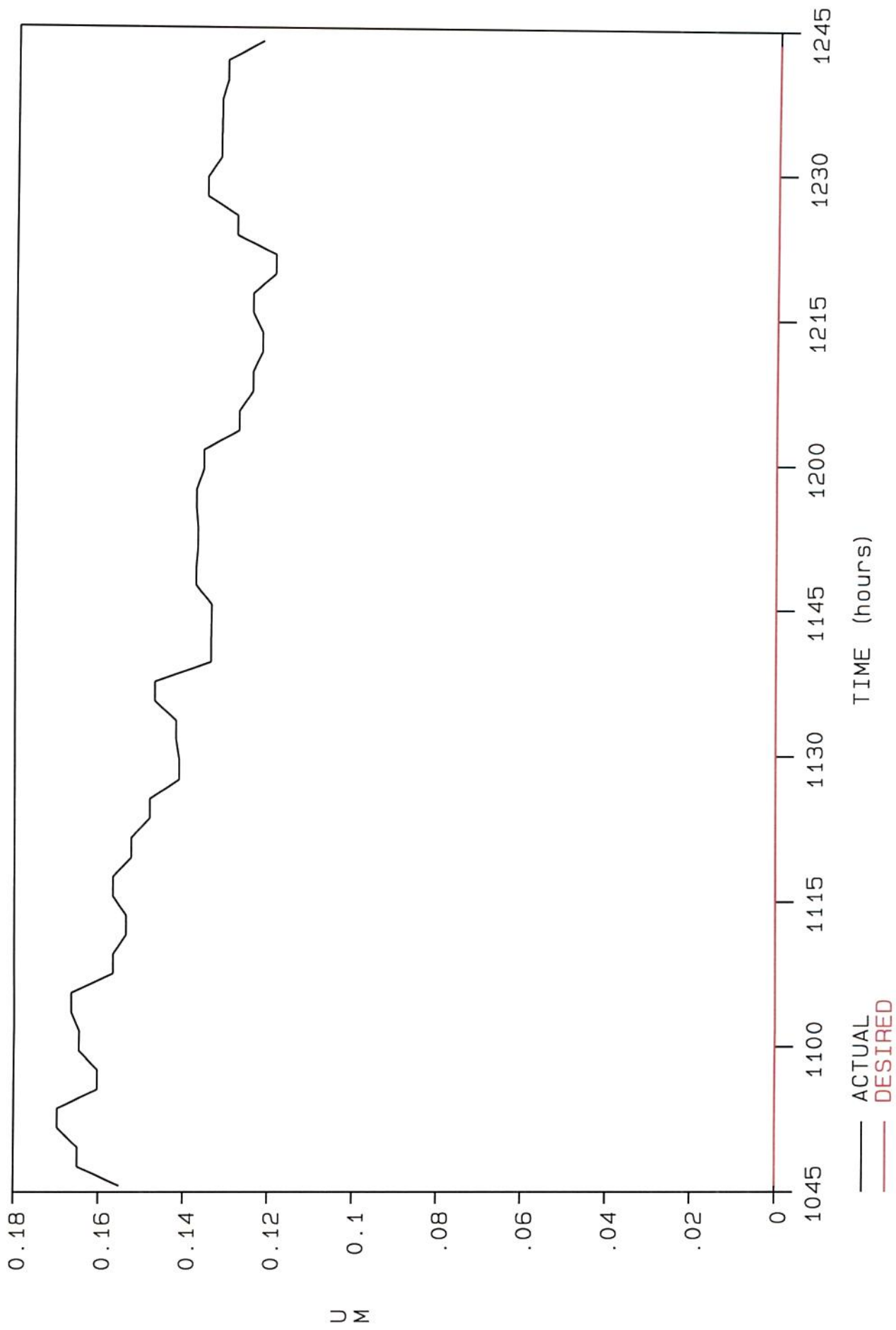
04/03/2025 10:45:38	1.5501E-01	04/03/2025 10:47:38	1.6494E-01
04/03/2025 10:49:38	1.6494E-01	04/03/2025 10:51:38	1.6973E-01
04/03/2025 10:53:38	1.6973E-01	04/03/2025 10:55:38	1.6034E-01
04/03/2025 10:57:38	1.6034E-01	04/03/2025 10:59:38	1.6467E-01
04/03/2025 11:01:38	1.6467E-01	04/03/2025 11:03:38	1.6656E-01
04/03/2025 11:05:38	1.6656E-01	04/03/2025 11:07:38	1.5666E-01
04/03/2025 11:09:38	1.5666E-01	04/03/2025 11:11:38	1.5362E-01
04/03/2025 11:13:38	1.5362E-01	04/03/2025 11:15:38	1.5675E-01
04/03/2025 11:17:38	1.5675E-01	04/03/2025 11:19:38	1.5242E-01
04/03/2025 11:21:38	1.5242E-01	04/03/2025 11:23:38	1.4814E-01
04/03/2025 11:25:38	1.4814E-01	04/03/2025 11:27:38	1.4116E-01
04/03/2025 11:29:38	1.4116E-01	04/03/2025 11:31:38	1.4192E-01
04/03/2025 11:33:38	1.4192E-01	04/03/2025 11:35:38	1.4694E-01
04/03/2025 11:37:38	1.4694E-01	04/03/2025 11:39:38	1.3369E-01
04/03/2025 11:41:38	1.3369E-01	04/03/2025 11:43:38	1.3366E-01
04/03/2025 11:45:38	1.3366E-01	04/03/2025 11:47:38	1.3732E-01
04/03/2025 11:49:38	1.3732E-01	04/03/2025 11:51:38	1.3697E-01
04/03/2025 11:53:38	1.3697E-01	04/03/2025 11:55:38	1.3732E-01
04/03/2025 11:57:38	1.3732E-01	04/03/2025 11:59:38	1.3560E-01
04/03/2025 12:01:38	1.3560E-01	04/03/2025 12:03:38	1.2727E-01
04/03/2025 12:05:38	1.2727E-01	04/03/2025 12:07:38	1.2411E-01
04/03/2025 12:09:38	1.2411E-01	04/03/2025 12:11:38	1.2196E-01
04/03/2025 12:13:38	1.2196E-01	04/03/2025 12:15:38	1.2422E-01
04/03/2025 12:17:38	1.2422E-01	04/03/2025 12:19:38	1.1892E-01
04/03/2025 12:21:38	1.1892E-01	04/03/2025 12:23:38	1.2813E-01
04/03/2025 12:25:38	1.2813E-01	04/03/2025 12:27:38	1.3524E-01
04/03/2025 12:29:38	1.3524E-01	04/03/2025 12:31:38	1.3208E-01
04/03/2025 12:33:38	1.3208E-01	04/03/2025 12:35:38	1.3204E-01
04/03/2025 12:37:38	1.3204E-01	04/03/2025 12:39:38	1.3070E-01
04/03/2025 12:41:38	1.3070E-01	04/03/2025 12:43:38	1.2235E-01

Parameter PC81CGM from 04/03/2025 10:45:38 to 04/03/2025 12:43:38
 Chamber PC81 Particle Count Geom. Mean Diam.

60 samples	0 have no data	0 out-of-limits
average = 1.4173E-01	standard deviation =	1.4686E-02
minimum = 1.1892E-01	maximum =	1.6973E-01

The desired value was varying, zero, or negative for the requested period

MASKON SUBJ# T3 - PC81CGM (Particle Count Geom. Mean Diam.)
04/03/2025 10: 45: 38 04/03/2025 12: 43: 38



Parameter PC81CCON from 04/03/2025 10:45:38 to 04/03/2025 12:43:38
Chamber PC81 CPC Concentration

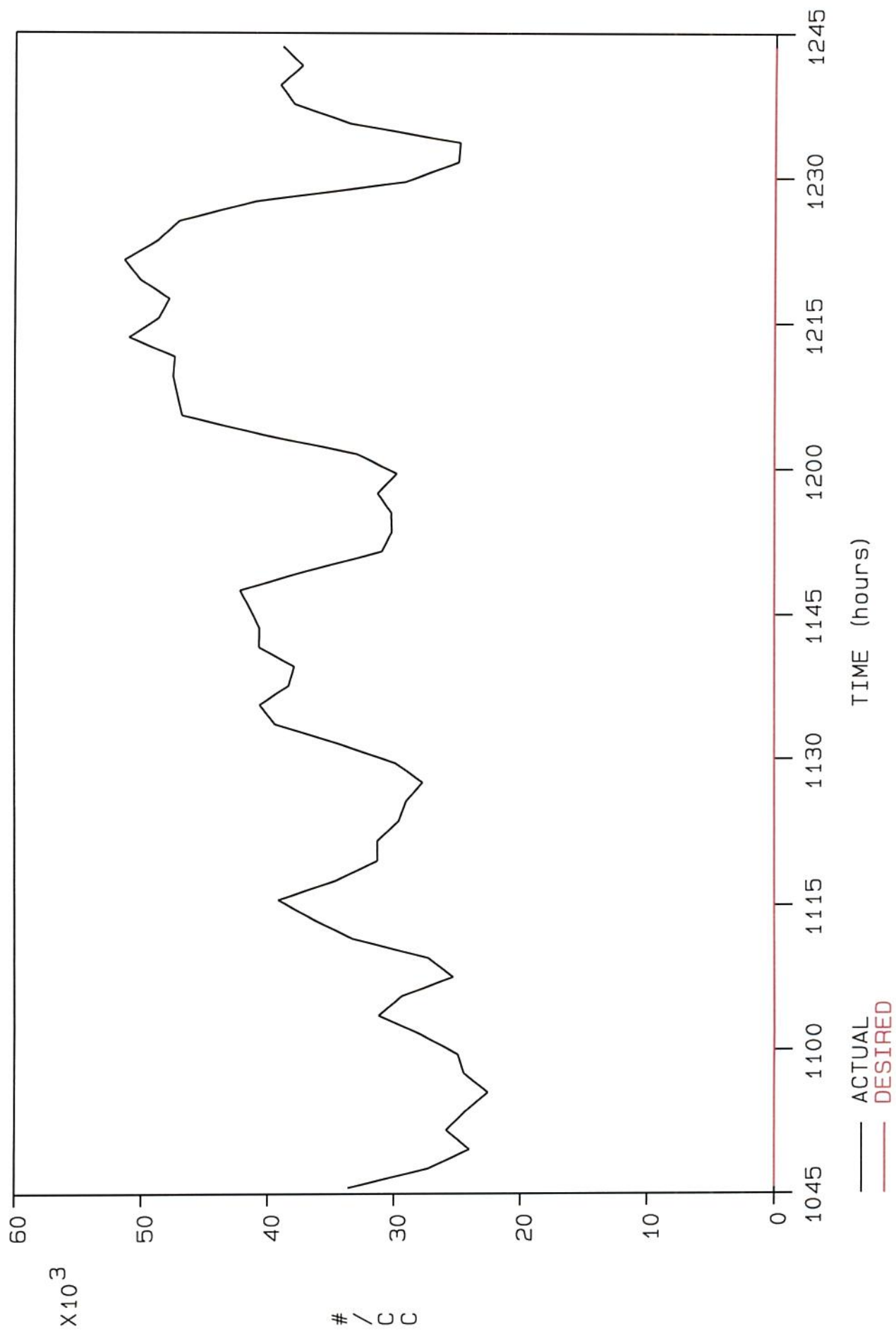
04/03/2025 10:45:38	3.3650E+04	04/03/2025 10:47:38	2.7306E+04
04/03/2025 10:49:38	2.4025E+04	04/03/2025 10:51:38	2.5864E+04
04/03/2025 10:53:38	2.4346E+04	04/03/2025 10:55:38	2.2574E+04
04/03/2025 10:57:38	2.4485E+04	04/03/2025 10:59:38	2.4957E+04
04/03/2025 11:01:38	2.7866E+04	04/03/2025 11:03:38	3.1223E+04
04/03/2025 11:05:38	2.9406E+04	04/03/2025 11:07:38	2.5318E+04
04/03/2025 11:09:38	2.7312E+04	04/03/2025 11:11:38	3.3312E+04
04/03/2025 11:13:38	3.6458E+04	04/03/2025 11:15:38	3.9175E+04
04/03/2025 11:17:38	3.4601E+04	04/03/2025 11:19:38	3.1332E+04
04/03/2025 11:21:38	3.1328E+04	04/03/2025 11:23:38	2.9643E+04
04/03/2025 11:25:38	2.9063E+04	04/03/2025 11:27:38	2.7739E+04
04/03/2025 11:29:38	2.9891E+04	04/03/2025 11:31:38	3.4502E+04
04/03/2025 11:33:38	3.9445E+04	04/03/2025 11:35:38	4.0652E+04
04/03/2025 11:37:38	3.8345E+04	04/03/2025 11:39:38	3.7905E+04
04/03/2025 11:41:38	4.0685E+04	04/03/2025 11:43:38	4.0666E+04
04/03/2025 11:45:38	4.1388E+04	04/03/2025 11:47:38	4.2204E+04
04/03/2025 11:49:38	3.6993E+04	04/03/2025 11:51:38	3.0991E+04
04/03/2025 11:53:38	3.0197E+04	04/03/2025 11:55:38	3.0245E+04
04/03/2025 11:57:38	3.1324E+04	04/03/2025 11:59:38	2.9820E+04
04/03/2025 12:01:38	3.2977E+04	04/03/2025 12:03:38	4.0449E+04
04/03/2025 12:05:38	4.6822E+04	04/03/2025 12:07:38	4.7171E+04
04/03/2025 12:09:38	4.7521E+04	04/03/2025 12:11:38	4.7399E+04
04/03/2025 12:13:38	5.1017E+04	04/03/2025 12:15:38	4.8663E+04
04/03/2025 12:17:38	4.7850E+04	04/03/2025 12:19:38	5.0169E+04
04/03/2025 12:21:38	5.1402E+04	04/03/2025 12:23:38	4.8797E+04
04/03/2025 12:25:38	4.7096E+04	04/03/2025 12:27:38	4.1049E+04
04/03/2025 12:29:38	2.9243E+04	04/03/2025 12:31:38	2.4982E+04
04/03/2025 12:33:38	2.4861E+04	04/03/2025 12:35:38	3.3591E+04
04/03/2025 12:37:38	3.8008E+04	04/03/2025 12:39:38	3.9106E+04
04/03/2025 12:41:38	3.7387E+04	04/03/2025 12:43:38	3.8933E+04

Parameter PC81CCON from 04/03/2025 10:45:38 to 04/03/2025 12:43:38
Chamber PC81 CPC Concentration

60 samples	0 have no data	0 out-of-limits
average = 3.5512E+04	standard deviation =	8.1336E+03
minimum = 2.2574E+04	maximum =	5.1402E+04

The desired value was varying, zero, or negative for the requested period

MASKON SUBJ# T3 - PC81CCON (CPC Concentration)
04/03/2025 10: 45: 38 04/03/2025 12: 43: 38



Parameter PC81CO from 04/03/2025 10:45:38 to 04/03/2025 12:43:38
 Chamber PC81 Carbon Monoxide

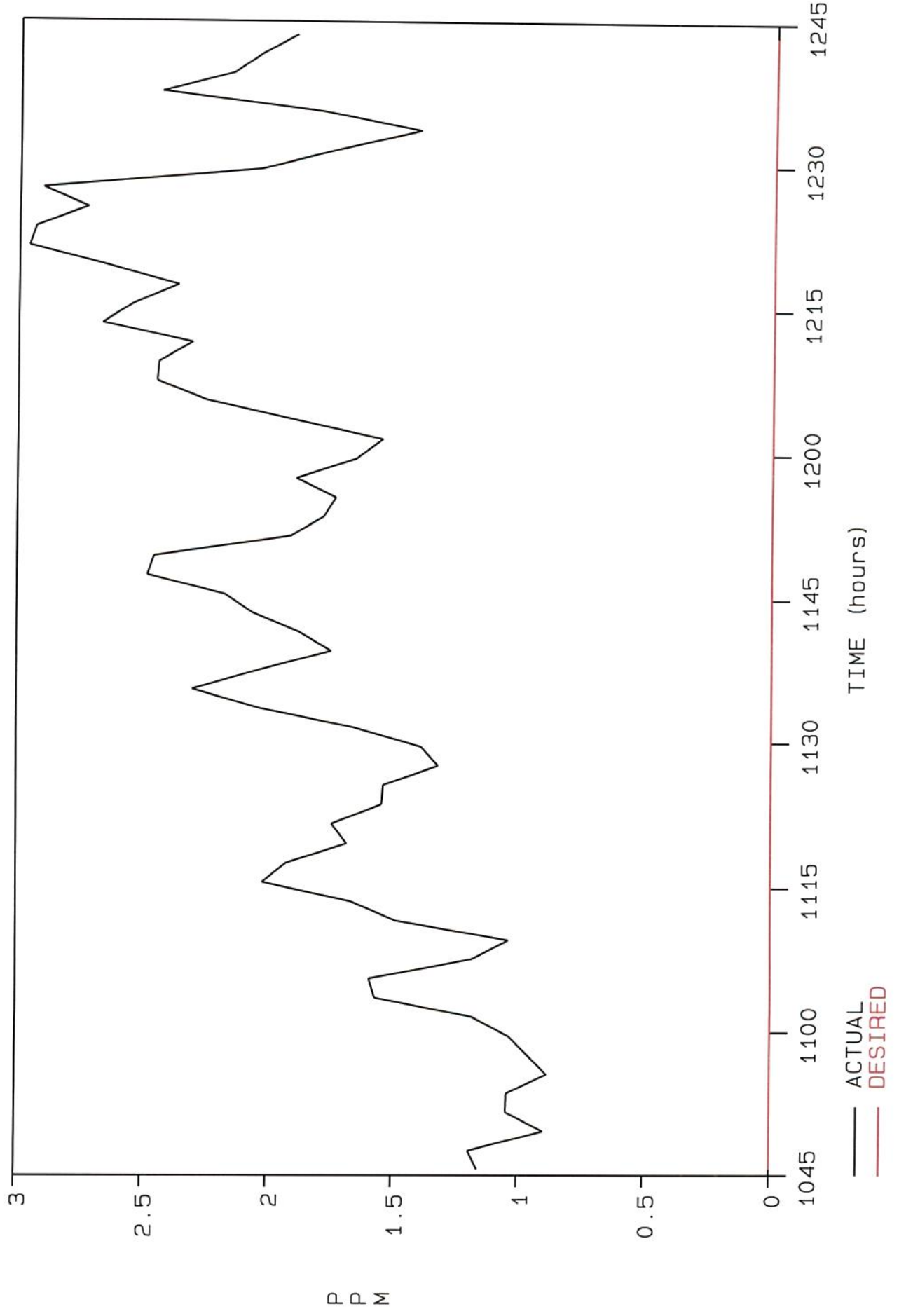
04/03/2025 10:45:38	1.1575E+00	04/03/2025 10:47:38	1.1941E+00
04/03/2025 10:49:38	8.9616E-01	04/03/2025 10:51:38	1.0456E+00
04/03/2025 10:53:38	1.0429E+00	04/03/2025 10:55:38	8.8346E-01
04/03/2025 10:57:38	9.5964E-01	04/03/2025 10:59:38	1.0342E+00
04/03/2025 11:01:38	1.1823E+00	04/03/2025 11:03:38	1.5716E+00
04/03/2025 11:05:38	1.5943E+00	04/03/2025 11:07:38	1.1842E+00
04/03/2025 11:09:38	1.0389E+00	04/03/2025 11:11:38	1.4882E+00
04/03/2025 11:13:38	1.6672E+00	04/03/2025 11:15:38	2.0211E+00
04/03/2025 11:17:38	1.9268E+00	04/03/2025 11:19:38	1.6844E+00
04/03/2025 11:21:38	1.7452E+00	04/03/2025 11:23:38	1.5463E+00
04/03/2025 11:25:38	1.5402E+00	04/03/2025 11:27:38	1.3213E+00
04/03/2025 11:29:38	1.3902E+00	04/03/2025 11:31:38	1.6625E+00
04/03/2025 11:33:38	2.0369E+00	04/03/2025 11:35:38	2.3032E+00
04/03/2025 11:37:38	2.0403E+00	04/03/2025 11:39:38	1.7502E+00
04/03/2025 11:41:38	1.8798E+00	04/03/2025 11:43:38	2.0657E+00
04/03/2025 11:45:38	2.1761E+00	04/03/2025 11:47:38	2.4840E+00
04/03/2025 11:49:38	2.4566E+00	04/03/2025 11:51:38	1.9126E+00
04/03/2025 11:53:38	1.7837E+00	04/03/2025 11:55:38	1.7348E+00
04/03/2025 11:57:38	1.8934E+00	04/03/2025 11:59:38	1.6541E+00
04/03/2025 12:01:38	1.5496E+00	04/03/2025 12:03:38	1.9024E+00
04/03/2025 12:05:38	2.2544E+00	04/03/2025 12:07:38	2.4507E+00
04/03/2025 12:09:38	2.4433E+00	04/03/2025 12:11:38	2.3102E+00
04/03/2025 12:13:38	2.6690E+00	04/03/2025 12:15:38	2.5480E+00
04/03/2025 12:17:38	2.3671E+00	04/03/2025 12:19:38	2.6503E+00
04/03/2025 12:21:38	2.9615E+00	04/03/2025 12:23:38	2.9342E+00
04/03/2025 12:25:38	2.7294E+00	04/03/2025 12:27:38	2.9087E+00
04/03/2025 12:29:38	2.0428E+00	04/03/2025 12:31:38	1.7394E+00
04/03/2025 12:33:38	1.4076E+00	04/03/2025 12:35:38	1.8070E+00
04/03/2025 12:37:38	2.4416E+00	04/03/2025 12:39:38	2.1578E+00
04/03/2025 12:41:38	2.0447E+00	04/03/2025 12:43:38	1.9052E+00

Parameter PC81CO from 04/03/2025 10:45:38 to 04/03/2025 12:43:38
 Chamber PC81 Carbon Monoxide

60 samples	0 have no data	0 out-of-limits
average = 1.8529E+00	standard deviation =	5.4786E-01
minimum = 8.8346E-01	maximum =	2.9615E+00

The desired value was varying, zero, or negative for the requested period

MASKON SUBJ# T3 - PC81CO (Carbon Monoxide)
04/03/2025 10:45:38 04/03/2025 12:43:38



Parameter PC81HC from 04/03/2025 10:45:38 to 04/03/2025 12:43:38
 Chamber PC81 Hydrocarbon

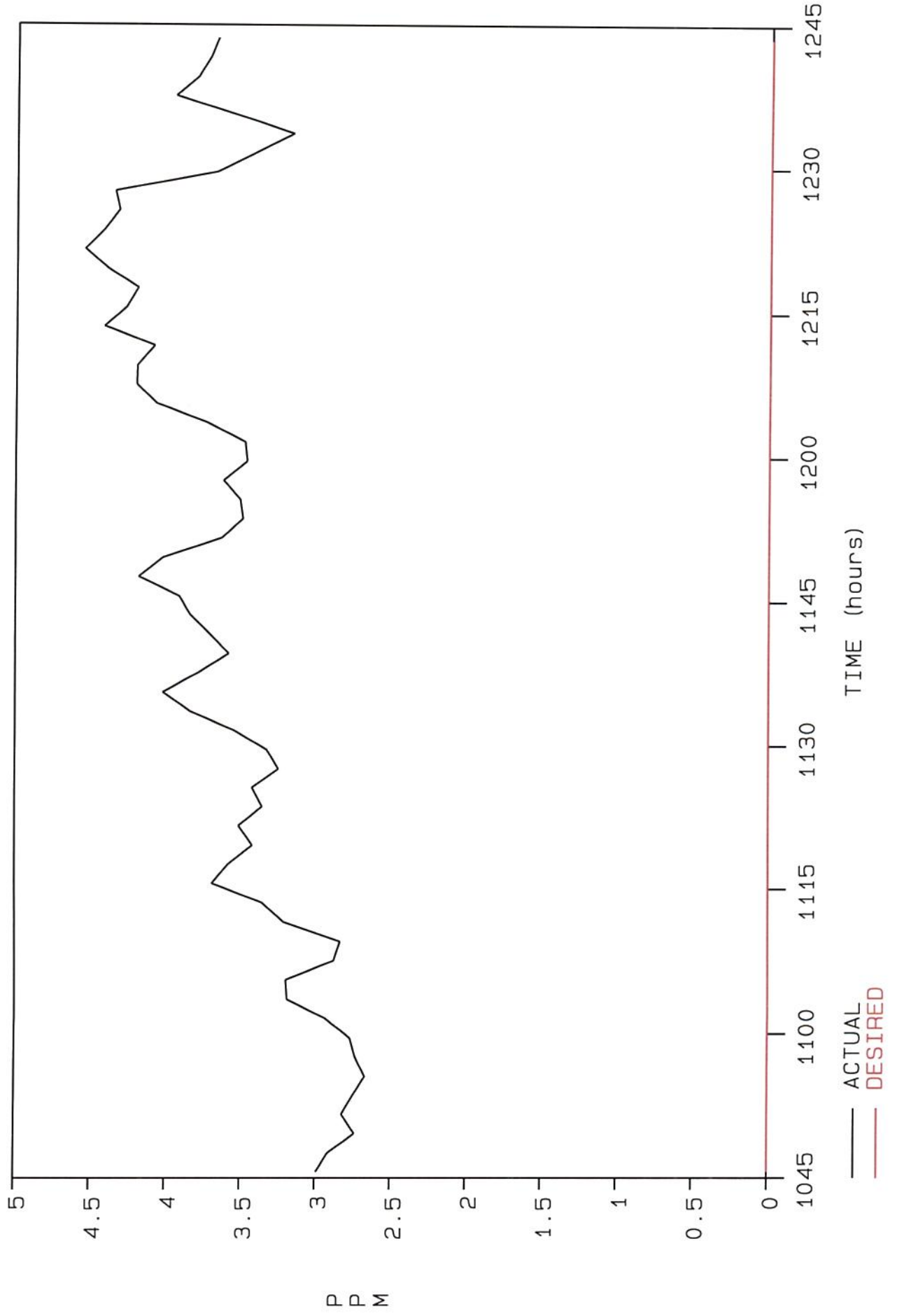
04/03/2025 10:45:38	2.9915E+00	04/03/2025 10:47:38	2.9139E+00
04/03/2025 10:49:38	2.7368E+00	04/03/2025 10:51:38	2.8212E+00
04/03/2025 10:53:38	2.7498E+00	04/03/2025 10:55:38	2.6695E+00
04/03/2025 10:57:38	2.7357E+00	04/03/2025 10:59:38	2.7719E+00
04/03/2025 11:01:38	2.9380E+00	04/03/2025 11:03:38	3.1919E+00
04/03/2025 11:05:38	3.1995E+00	04/03/2025 11:07:38	2.8811E+00
04/03/2025 11:09:38	2.8385E+00	04/03/2025 11:11:38	3.2147E+00
04/03/2025 11:13:38	3.3606E+00	04/03/2025 11:15:38	3.6930E+00
04/03/2025 11:17:38	3.5839E+00	04/03/2025 11:19:38	3.4234E+00
04/03/2025 11:21:38	3.5162E+00	04/03/2025 11:23:38	3.3596E+00
04/03/2025 11:25:38	3.4260E+00	04/03/2025 11:27:38	3.2502E+00
04/03/2025 11:29:38	3.3312E+00	04/03/2025 11:31:38	3.5525E+00
04/03/2025 11:33:38	3.8401E+00	04/03/2025 11:35:38	4.0215E+00
04/03/2025 11:37:38	3.7906E+00	04/03/2025 11:39:38	3.5834E+00
04/03/2025 11:41:38	3.7106E+00	04/03/2025 11:43:38	3.8406E+00
04/03/2025 11:45:38	3.9166E+00	04/03/2025 11:47:38	4.1848E+00
04/03/2025 11:49:38	4.0236E+00	04/03/2025 11:51:38	3.6326E+00
04/03/2025 11:53:38	3.4933E+00	04/03/2025 11:55:38	3.5112E+00
04/03/2025 11:57:38	3.6239E+00	04/03/2025 11:59:38	3.4666E+00
04/03/2025 12:01:38	3.4798E+00	04/03/2025 12:03:38	3.7326E+00
04/03/2025 12:05:38	4.0708E+00	04/03/2025 12:07:38	4.2043E+00
04/03/2025 12:09:38	4.2012E+00	04/03/2025 12:11:38	4.0869E+00
04/03/2025 12:13:38	4.4219E+00	04/03/2025 12:15:38	4.2733E+00
04/03/2025 12:17:38	4.1978E+00	04/03/2025 12:19:38	4.3990E+00
04/03/2025 12:21:38	4.5511E+00	04/03/2025 12:23:38	4.4239E+00
04/03/2025 12:25:38	4.3241E+00	04/03/2025 12:27:38	4.3532E+00
04/03/2025 12:29:38	3.6772E+00	04/03/2025 12:31:38	3.4201E+00
04/03/2025 12:33:38	3.1694E+00	04/03/2025 12:35:38	3.5493E+00
04/03/2025 12:37:38	3.9538E+00	04/03/2025 12:39:38	3.8052E+00
04/03/2025 12:41:38	3.7265E+00	04/03/2025 12:43:38	3.6765E+00

Parameter PC81HC from 04/03/2025 10:45:38 to 04/03/2025 12:43:38
 Chamber PC81 Hydrocarbon

60 samples	0 have no data	0 out-of-limits
average = 3.5915E+00	standard deviation =	5.0496E-01
minimum = 2.6695E+00	maximum =	4.5511E+00

The desired value was varying, zero, or negative for the requested period

MASKON SUBJ# T3 - PC81HC (Hydrocarbon)
04/03/2025 10: 45: 38 04/03/2025 12: 43: 38



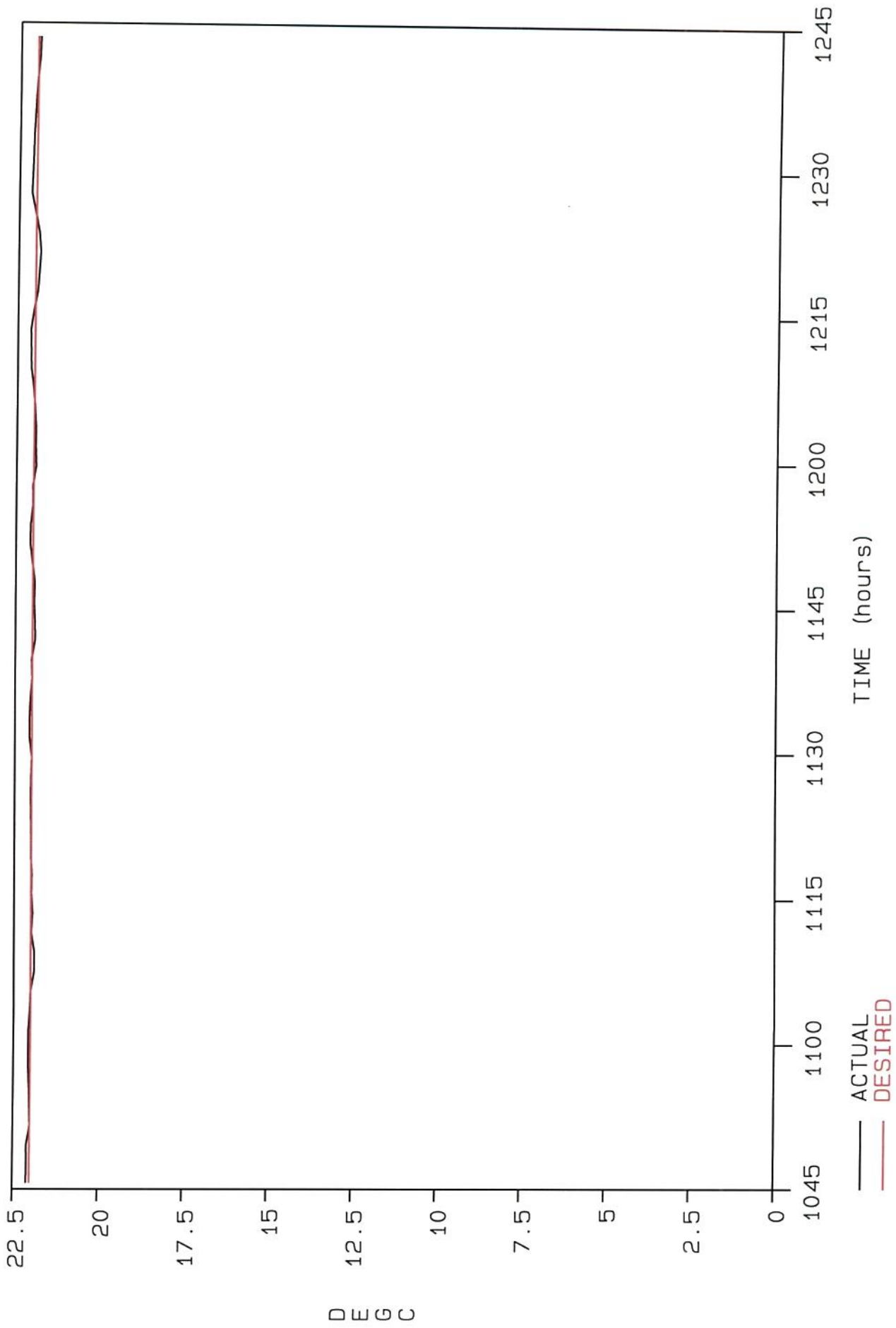
Parameter PC81TMP from 04/03/2025 10:45:38 to 04/03/2025 12:43:38
Chamber PC81 Temperature

04/03/2025 10:45:38	2.2098E+01	C	04/03/2025 10:47:38	2.2090E+01	C
04/03/2025 10:49:38	2.2101E+01	C	04/03/2025 10:51:38	2.2004E+01	C
04/03/2025 10:53:38	2.2021E+01	C	04/03/2025 10:55:38	2.2041E+01	C
04/03/2025 10:57:38	2.2069E+01	C	04/03/2025 10:59:38	2.2062E+01	C
04/03/2025 11:01:38	2.2061E+01	C	04/03/2025 11:03:38	2.2032E+01	C
04/03/2025 11:05:38	2.2005E+01	C	04/03/2025 11:07:38	2.1898E+01	C
04/03/2025 11:09:38	2.1905E+01	C	04/03/2025 11:11:38	2.1990E+01	C
04/03/2025 11:13:38	2.1955E+01	C	04/03/2025 11:15:38	2.1993E+01	C
04/03/2025 11:17:38	2.1983E+01	C	04/03/2025 11:19:38	2.2007E+01	C
04/03/2025 11:21:38	2.2007E+01	C	04/03/2025 11:23:38	2.2016E+01	C
04/03/2025 11:25:38	2.2026E+01	C	04/03/2025 11:27:38	2.2016E+01	C
04/03/2025 11:29:38	2.2006E+01	C	04/03/2025 11:31:38	2.2077E+01	C
04/03/2025 11:33:38	2.2072E+01	C	04/03/2025 11:35:38	2.2043E+01	C
04/03/2025 11:37:38	2.2002E+01	C	04/03/2025 11:39:38	2.2019E+01	C
04/03/2025 11:41:38	2.1918E+01	C	04/03/2025 11:43:38	2.1929E+01	C
04/03/2025 11:45:38	2.1957E+01	C	04/03/2025 11:47:38	2.1933E+01	C
04/03/2025 11:49:38	2.2008E+01	C	04/03/2025 11:51:38	2.2085E+01	C
04/03/2025 11:53:38	2.2072E+01	C	04/03/2025 11:55:38	2.2011E+01	C
04/03/2025 11:57:38	2.2023E+01	C	04/03/2025 11:59:38	2.1930E+01	C
04/03/2025 12:01:38	2.1945E+01	C	04/03/2025 12:03:38	2.1948E+01	C
04/03/2025 12:05:38	2.1982E+01	C	04/03/2025 12:07:38	2.2026E+01	C
04/03/2025 12:09:38	2.2105E+01	C	04/03/2025 12:11:38	2.2115E+01	C
04/03/2025 12:13:38	2.2121E+01	C	04/03/2025 12:15:38	2.2039E+01	C
04/03/2025 12:17:38	2.1929E+01	C	04/03/2025 12:19:38	2.1896E+01	C
04/03/2025 12:21:38	2.1855E+01	C	04/03/2025 12:23:38	2.1902E+01	C
04/03/2025 12:25:38	2.2018E+01	C	04/03/2025 12:27:38	2.2139E+01	C
04/03/2025 12:29:38	2.2124E+01	C	04/03/2025 12:31:38	2.2104E+01	C
04/03/2025 12:33:38	2.2093E+01	C	04/03/2025 12:35:38	2.2063E+01	C
04/03/2025 12:37:38	2.2035E+01	C	04/03/2025 12:39:38	2.2004E+01	C
04/03/2025 12:41:38	2.1933E+01	C	04/03/2025 12:43:38	2.1925E+01	C

Parameter PC81TMP from 04/03/2025 10:45:38 to 04/03/2025 12:43:38
Chamber PC81 Temperature

60 samples	0 have no data	0 out-of-limits
average = 2.2013E+01	standard deviation = 6.7625E-02	
minimum = 2.1855E+01	maximum = 2.2139E+01	
% OOL = 0.0000E+00	coef. of variation = 3.0721E-01	
min % diff = -6.6051E-01	max % diff = 6.3101E-01	
mean % diff = 5.8044E-02		

MASKON SUBJ# T3 - PC81TMP (Temperature)
04/03/2025 10: 45: 38 04/03/2025 12: 43: 38



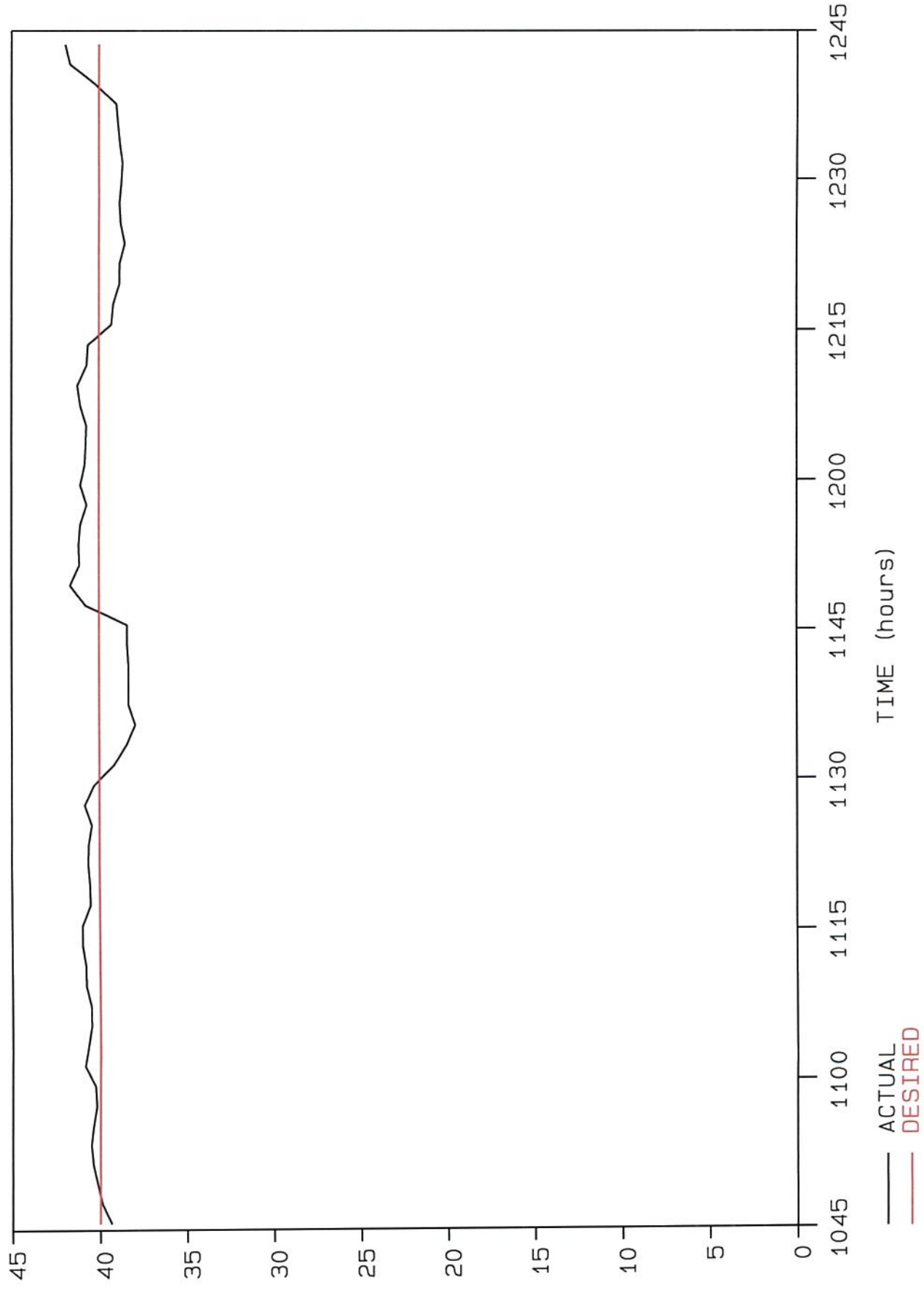
Parameter PC81RH from 04/03/2025 10:45:38 to 04/03/2025 12:43:38
Chamber PC81 Relative Humidity

04/03/2025 10:45:38	3.9332E+01	C	04/03/2025 10:47:38	3.9873E+01	C
04/03/2025 10:49:38	4.0143E+01	C	04/03/2025 10:51:38	4.0404E+01	C
04/03/2025 10:53:38	4.0509E+01	C	04/03/2025 10:55:38	4.0379E+01	C
04/03/2025 10:57:38	4.0198E+01	C	04/03/2025 10:59:38	4.0280E+01	C
04/03/2025 11:01:38	4.0861E+01	C	04/03/2025 11:03:38	4.0667E+01	C
04/03/2025 11:05:38	4.0488E+01	C	04/03/2025 11:07:38	4.0505E+01	C
04/03/2025 11:09:38	4.0784E+01	C	04/03/2025 11:11:38	4.0793E+01	C
04/03/2025 11:13:38	4.0983E+01	C	04/03/2025 11:15:38	4.0988E+01	C
04/03/2025 11:17:38	4.0525E+01	C	04/03/2025 11:19:38	4.0549E+01	C
04/03/2025 11:21:38	4.0635E+01	C	04/03/2025 11:23:38	4.0612E+01	C
04/03/2025 11:25:38	4.0429E+01	C	04/03/2025 11:27:38	4.0838E+01	C
04/03/2025 11:29:38	4.0299E+01	C	04/03/2025 11:31:38	3.9148E+01	C
04/03/2025 11:33:38	3.8435E+01	C	04/03/2025 11:35:38	3.7941E+01	C
04/03/2025 11:37:38	3.8329E+01	C	04/03/2025 11:39:38	3.8331E+01	C
04/03/2025 11:41:38	3.8323E+01	C	04/03/2025 11:43:38	3.8401E+01	C
04/03/2025 11:45:38	3.8408E+01	C	04/03/2025 11:47:38	4.0780E+01	C
04/03/2025 11:49:38	4.1659E+01	C	04/03/2025 11:51:38	4.1123E+01	C
04/03/2025 11:53:38	4.1174E+01	C	04/03/2025 11:55:38	4.1083E+01	C
04/03/2025 11:57:38	4.0719E+01	C	04/03/2025 11:59:38	4.1078E+01	C
04/03/2025 12:01:38	4.0821E+01	C	04/03/2025 12:03:38	4.0770E+01	C
04/03/2025 12:05:38	4.0728E+01	C	04/03/2025 12:07:38	4.1082E+01	C
04/03/2025 12:09:38	4.1233E+01	C	04/03/2025 12:11:38	4.0709E+01	C
04/03/2025 12:13:38	4.0634E+01	C	04/03/2025 12:15:38	3.9305E+01	C
04/03/2025 12:17:38	3.9187E+01	C	04/03/2025 12:19:38	3.8842E+01	C
04/03/2025 12:21:38	3.8824E+01	C	04/03/2025 12:23:38	3.8540E+01	C
04/03/2025 12:25:38	3.8768E+01	C	04/03/2025 12:27:38	3.8838E+01	C
04/03/2025 12:29:38	3.8726E+01	C	04/03/2025 12:31:38	3.8666E+01	C
04/03/2025 12:33:38	3.8807E+01	C	04/03/2025 12:35:38	3.8912E+01	C
04/03/2025 12:37:38	3.9017E+01	C	04/03/2025 12:39:38	4.0212E+01	C
04/03/2025 12:41:38	4.1661E+01	C	04/03/2025 12:43:38	4.1933E+01	C

Parameter PC81RH from 04/03/2025 10:45:38 to 04/03/2025 12:43:38
Chamber PC81 Relative Humidity

60 samples	0 have no data	0 out-of-limits
average = 4.0037E+01	standard deviation = 1.0561E+00	
minimum = 3.7941E+01	maximum = 4.1933E+01	
% OOL = 0.0000E+00	coef. of variation = 2.6378E+00	
min % diff = -5.1480E+00	max % diff = 4.8316E+00	
mean % diff = 9.2545E-02		

MASKON SUBJ# T3 - PC81RH (Relative Humidity)
04/03/2025 10: 45: 38 04/03/2025 12: 43: 38



Mnemonic PC81TMP

from 04/03/2025 10:45:38 to 04/03/2025 12:43:38

60 samples	0 have no data	0 out-of-limits
average = 2.2013E+01	standard deviation =	6.7625E-02
minimum = 2.1855E+01	maximum =	2.2139E+01

Mnemonic PLENCO

from 04/03/2025 10:45:36 to 04/03/2025 12:43:36

04/03/2025 10:45:36	5.1010E-02	04/03/2025 10:47:36	5.2957E-02
04/03/2025 10:49:36	4.9722E-02	04/03/2025 10:51:36	5.6130E-02
04/03/2025 10:53:36	5.1756E-02	04/03/2025 10:55:36	5.2642E-02
04/03/2025 10:57:36	5.0409E-02	04/03/2025 10:59:36	4.0000E-02
04/03/2025 11:01:36	5.2767E-02	04/03/2025 11:03:36	5.8039E-02
04/03/2025 11:05:36	5.1551E-02	04/03/2025 11:07:36	5.2806E-02
04/03/2025 11:09:36	4.6269E-02	04/03/2025 11:11:36	5.5980E-02
04/03/2025 11:13:36	5.6603E-02	04/03/2025 11:15:36	5.1189E-02
04/03/2025 11:17:36	6.3512E-02	04/03/2025 11:19:36	5.2026E-02
04/03/2025 11:21:36	5.3833E-02	04/03/2025 11:23:36	6.0576E-02
04/03/2025 11:25:36	5.9855E-02	04/03/2025 11:27:36	6.5111E-02
04/03/2025 11:29:36	6.1172E-02	04/03/2025 11:31:36	5.6301E-02
04/03/2025 11:33:36	5.9508E-02	04/03/2025 11:35:36	4.7491E-02
04/03/2025 11:37:36	4.9480E-02	04/03/2025 11:39:36	5.3283E-02
04/03/2025 11:41:36	5.3614E-02	04/03/2025 11:43:36	5.9344E-02
04/03/2025 11:45:36	5.6382E-02	04/03/2025 11:47:36	5.4054E-02
04/03/2025 11:49:36	4.3048E-02	04/03/2025 11:51:36	4.9508E-02
04/03/2025 11:53:36	4.0098E-02	04/03/2025 11:55:36	5.7425E-02
04/03/2025 11:57:36	5.0970E-02	04/03/2025 11:59:36	5.5933E-02
04/03/2025 12:01:36	4.1148E-02	04/03/2025 12:03:36	5.1296E-02
04/03/2025 12:05:36	4.4638E-02	04/03/2025 12:07:36	6.2492E-02
04/03/2025 12:09:36	5.2562E-02	04/03/2025 12:11:36	5.4671E-02
04/03/2025 12:13:36	5.6689E-02	04/03/2025 12:15:36	5.3618E-02
04/03/2025 12:17:36	5.4873E-02	04/03/2025 12:19:36	6.5638E-02
04/03/2025 12:21:36	5.2207E-02	04/03/2025 12:23:36	5.8569E-02
04/03/2025 12:25:36	5.7615E-02	04/03/2025 12:27:36	4.8433E-02
04/03/2025 12:29:36	5.3132E-02	04/03/2025 12:31:36	3.9896E-02
04/03/2025 12:33:36	4.4066E-02	04/03/2025 12:35:36	4.3602E-02
04/03/2025 12:37:36	5.8723E-02	04/03/2025 12:39:36	5.0575E-02
04/03/2025 12:41:36	5.0891E-02	04/03/2025 12:43:36	4.4553E-02

Mnemonic PLENCO

from 04/03/2025 10:45:36 to 04/03/2025 12:43:36

60 samples	0 have no data	0 out-of-limits
average = 5.2871E-02	standard deviation =	6.1062E-03
minimum = 3.9896E-02	maximum =	6.5638E-02

Mnemonic PLENNO

from 04/03/2025 10:45:36 to 04/03/2025 12:43:36

04/03/2025 10:45:36	2.5184E-03	04/03/2025 10:47:36	2.3362E-03
04/03/2025 10:49:36	2.4192E-03	04/03/2025 10:51:36	2.3499E-03
04/03/2025 10:53:36	2.2495E-03	04/03/2025 10:55:36	2.2572E-03
04/03/2025 10:57:36	2.4914E-03	04/03/2025 10:59:36	2.3413E-03
04/03/2025 11:01:36	2.3547E-03	04/03/2025 11:03:36	2.2477E-03
04/03/2025 11:05:36	2.5410E-03	04/03/2025 11:07:36	2.2055E-03
04/03/2025 11:09:36	2.3495E-03	04/03/2025 11:11:36	2.3927E-03
04/03/2025 11:13:36	2.4758E-03	04/03/2025 11:15:36	2.5295E-03
04/03/2025 11:17:36	2.3420E-03	04/03/2025 11:19:36	2.3344E-03
04/03/2025 11:21:36	2.4182E-03	04/03/2025 11:23:36	2.3160E-03
04/03/2025 11:25:36	2.4867E-03	04/03/2025 11:27:36	2.4553E-03
04/03/2025 11:29:36	2.4645E-03	04/03/2025 11:31:36	2.7053E-03
04/03/2025 11:33:36	2.4156E-03	04/03/2025 11:35:36	2.5061E-03
04/03/2025 11:37:36	2.4696E-03	04/03/2025 11:39:36	2.4992E-03
04/03/2025 11:41:36	2.3782E-03	04/03/2025 11:43:36	2.4275E-03
04/03/2025 11:45:36	2.4465E-03	04/03/2025 11:47:36	2.5079E-03
04/03/2025 11:49:36	2.3172E-03	04/03/2025 11:51:36	2.5049E-03
04/03/2025 11:53:36	2.5441E-03	04/03/2025 11:55:36	2.4379E-03
04/03/2025 11:57:36	2.4690E-03	04/03/2025 11:59:36	2.3681E-03
04/03/2025 12:01:36	2.5637E-03	04/03/2025 12:03:36	2.2571E-03
04/03/2025 12:05:36	2.2204E-03	04/03/2025 12:07:36	2.3692E-03
04/03/2025 12:09:36	2.3832E-03	04/03/2025 12:11:36	2.4585E-03
04/03/2025 12:13:36	2.3995E-03	04/03/2025 12:15:36	2.2526E-03
04/03/2025 12:17:36	2.4178E-03	04/03/2025 12:19:36	2.2921E-03
04/03/2025 12:21:36	2.3488E-03	04/03/2025 12:23:36	2.3495E-03
04/03/2025 12:25:36	2.3865E-03	04/03/2025 12:27:36	2.4771E-03
04/03/2025 12:29:36	2.4240E-03	04/03/2025 12:31:36	2.4128E-03
04/03/2025 12:33:36	2.4573E-03	04/03/2025 12:35:36	2.4710E-03
04/03/2025 12:37:36	2.4128E-03	04/03/2025 12:39:36	2.3640E-03
04/03/2025 12:41:36	2.2209E-03	04/03/2025 12:43:36	2.5007E-03

Mnemonic PLENNO

from 04/03/2025 10:45:36 to 04/03/2025 12:43:36

60 samples	0 have no data	0 out-of-limits
average = 2.4052E-03	standard deviation =	9.8649E-05
minimum = 2.2055E-03	maximum =	2.7053E-03

Mnemonic PLENOZ

from 04/03/2025 10:45:36 to 04/03/2025 12:43:36

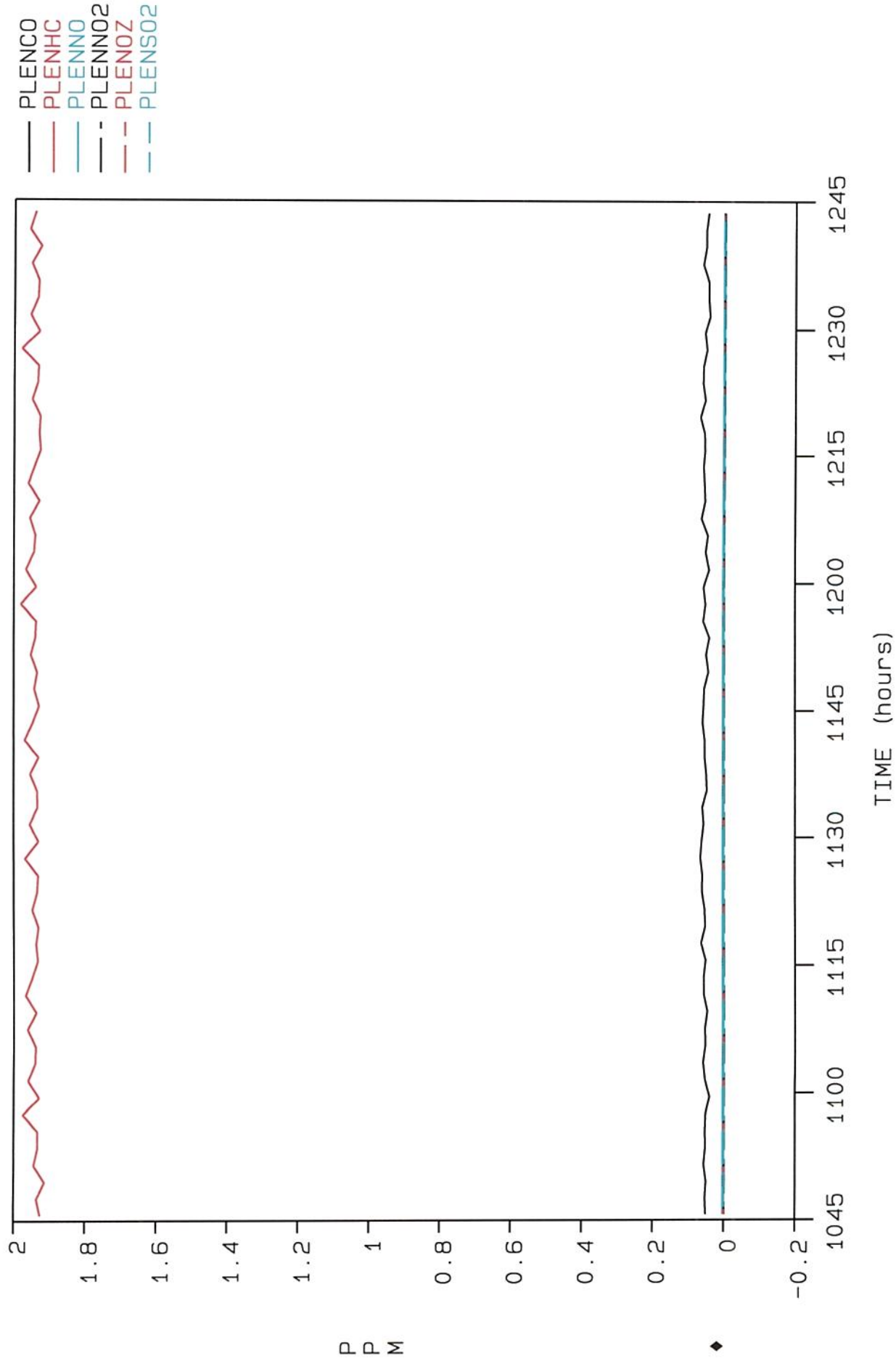
04/03/2025 10:45:36	3.3719E-04	04/03/2025 10:47:36	2.7404E-04
04/03/2025 10:49:36	4.3520E-04	04/03/2025 10:51:36	2.5718E-04
04/03/2025 10:53:36	2.7561E-04	04/03/2025 10:55:36	2.8533E-04
04/03/2025 10:57:36	2.3471E-04	04/03/2025 10:59:36	2.1490E-04
04/03/2025 11:01:36	2.8451E-04	04/03/2025 11:03:36	3.4809E-04
04/03/2025 11:05:36	4.2390E-04	04/03/2025 11:07:36	1.9694E-04
04/03/2025 11:09:36	3.0690E-04	04/03/2025 11:11:36	1.5084E-04
04/03/2025 11:13:36	2.8061E-04	04/03/2025 11:15:36	4.1804E-04
04/03/2025 11:17:36	3.0562E-04	04/03/2025 11:19:36	2.6746E-04
04/03/2025 11:21:36	2.7187E-04	04/03/2025 11:23:36	1.5676E-04
04/03/2025 11:25:36	2.7023E-04	04/03/2025 11:27:36	3.5330E-04
04/03/2025 11:29:36	1.5117E-04	04/03/2025 11:31:36	3.2649E-04
04/03/2025 11:33:36	3.2467E-04	04/03/2025 11:35:36	3.9021E-04
04/03/2025 11:37:36	3.0175E-04	04/03/2025 11:39:36	3.5712E-04
04/03/2025 11:41:36	3.0748E-04	04/03/2025 11:43:36	2.3357E-04
04/03/2025 11:45:36	2.9601E-04	04/03/2025 11:47:36	3.3813E-04
04/03/2025 11:49:36	2.2190E-04	04/03/2025 11:51:36	2.4916E-04
04/03/2025 11:53:36	2.7968E-04	04/03/2025 11:55:36	3.3153E-04
04/03/2025 11:57:36	1.5777E-04	04/03/2025 11:59:36	3.3925E-04
04/03/2025 12:01:36	2.5071E-04	04/03/2025 12:03:36	2.2986E-04
04/03/2025 12:05:36	2.1958E-04	04/03/2025 12:07:36	4.1474E-04
04/03/2025 12:09:36	2.4692E-04	04/03/2025 12:11:36	4.4823E-04
04/03/2025 12:13:36	2.0620E-04	04/03/2025 12:15:36	3.8375E-04
04/03/2025 12:17:36	4.1160E-04	04/03/2025 12:19:36	2.6653E-04
04/03/2025 12:21:36	3.6852E-04	04/03/2025 12:23:36	3.2514E-04
04/03/2025 12:25:36	2.5382E-04	04/03/2025 12:27:36	3.4072E-04
04/03/2025 12:29:36	2.5029E-04	04/03/2025 12:31:36	2.4496E-04
04/03/2025 12:33:36	3.5624E-04	04/03/2025 12:35:36	2.5697E-04
04/03/2025 12:37:36	3.5870E-04	04/03/2025 12:39:36	4.9161E-04
04/03/2025 12:41:36	7.7663E-05	04/03/2025 12:43:36	2.6076E-04

Mnemonic PLENOZ

from 04/03/2025 10:45:36 to 04/03/2025 12:43:36

60 samples	0 have no data	0 out-of-limits
average = 2.9364E-04	standard deviation =	8.1085E-05
minimum = 7.7663E-05	maximum =	4.9161E-04

PLENCO, PLENHC, PLENN0, PLENN02, PLENN0Z, PLENS02
04/03/2025 10: 45: 36 04/03/2025 12: 43: 36



Generic Aerosol Exposure Error Prevention Checklist

Morning of Day Before:

- ✓ STATUS = OK or Normal for all TEOMs
- ✓ Filter loading < 69% minus estimated exposure loading for all TEOMs
- ✓ Noise < 0.1 for all TEOMs
- ✓ Frequency between 200 and 400 for all TEOMs
- ✓ TEOM sample lines connected

Before Subject Entry:

- ✓ All 3080 electrostatic classifier sheath flows = 3 LPM
- ✓ All 3080 electrostatic classifier sheath flow lights not blinking
- ✓ All 3080 electrostatic classifiers are in analog control mode
- ✓ All 3082 electrostatic classifiers only have a LOW AEROSOL FLOW error
- ✓ All electrostatic classifier sample lines connected
- ✓ All DustTrak power supplies have green light illuminated
- ✓ All DustTrak red Stop button and green Flow, Laser, and Filter status lights are illuminated
- ✓ All DustTrak run modes are in SURVEY
- ✓ All DustTrak sample lines connected
- ✓ Status bar at top of display is green and indicates OK status for 3775 CPCs
- ✓ Symbol in upper right corner of screen is blue for 3752 CPCs
- ✓ Butanol bottle levels feeding to CPCs are within limits displayed on bottle
- ✓ All CPC sample lines connected
- ✓ Filter color codes are correct
- ✓ Filter lines are connected to the correct filter holders
- ✓ Quartz filter is installed as required
- ✓ Valve behind the quartz filter open when filter is installed
- ✓ Aerosol Data Form entries correct
- ✓ Accumulator pseudo-analyzers are configured as required
- ✓ Reasonable distribution display from REPORT DISTRIBUTION/TREND/COUNT /CORRECTED command
- ✓ No upturned right tail on display from REPORT DISTRIBUTION/TREND/COUNT /CORRECTED command
- ✓ Chamber's CCON parameter reading below 2000 for clean air exposure
- ✓ All required plenum analyzers are configured
- ✓ Plenum manifold fan is on when plenum analyzers are required
- ✓ HEL audible alerts are enabled when plenum analyzers are required
- ✓ HEL non-spurious alerts are reset when plenum analyzers are required
- ✓ HES audible alerts are enabled when HES chambers are being used

Generic Exposure Error Prevention Checklist

Date 11-2-25 Study ID PC81 PCS Operator Njroky

Day Before:

- ☒ Any required gas analyzers are calibrated
- ☒ The logging printer is turned on and working correctly

Before Subject Entry

- ☒ The logging printer is turned on and working correctly
- ☒ Subject number cross-checks versus nurse's station schedule
- ☒ In-progress or planned system maintenance or audits will not interfere with exposure
- ☒ Alert Watchdog enabled
- ☒ Configured exposure profile is correct
- ☒ Exposure profile includes "sham" duration if required for automatic termination
- ☒ Clean air profile is correct
- ☒ Clean air sham/non-sham in profile is correct
- ☒ Environmental parameters configured as required
- ☒ Chamber RH and Temperature values reasonable if not controlled
- ☒ All analyzers configured as required
- ☒ Reasonable values on MONITOR PARAMETER command display for the exposure chamber
- ☒ Utilized subsystems not in maintenance on MONITOR CONFIGURATION or MONITOR CONFIGURATION/SECOND command displays
- ☒ No outstanding non-spurious alerts on utilized channels
- ☒ Controlling variable value is consistent with previous records
- ☒ Alert Audible enabled
- ☒ Conformance enabled for all parameters
- ☒ No parameters are in testing mode

After Subject Entry

- ☒ For shams, check sham base time using SHOW PROFILE command
- ☒ Conformance enabled for all parameters
- ☒ No outstanding non-spurious alerts on utilized channels
- ☒ Exposure logbook main entry (including the date) is correct
- ☒ Exposure logbook column entry (including the date) is correct
- ☒ Correct dose column used in exposure logbook entry

Signature indicates that all required checks were completed:



Generic Gas Exposure Error Prevention Checklist

Before Subject Entry

- ☒ Check sample fans sensor calibration (Execute @pcs_dir_sha:chkfans)
- ☒ Correct chamber manifold fan on
- ☒ Plenum manifold fan on
- ☒ All required plenum analyzers configured
- ☒ Check sample fans on HEL (Execute @pcs_dir_sha:chkfans on HEL)
- ☒ HEL non-spurious alerts all reset
- ☒ HEL watchdog enabled
- ☒ HEL audible alerts enabled

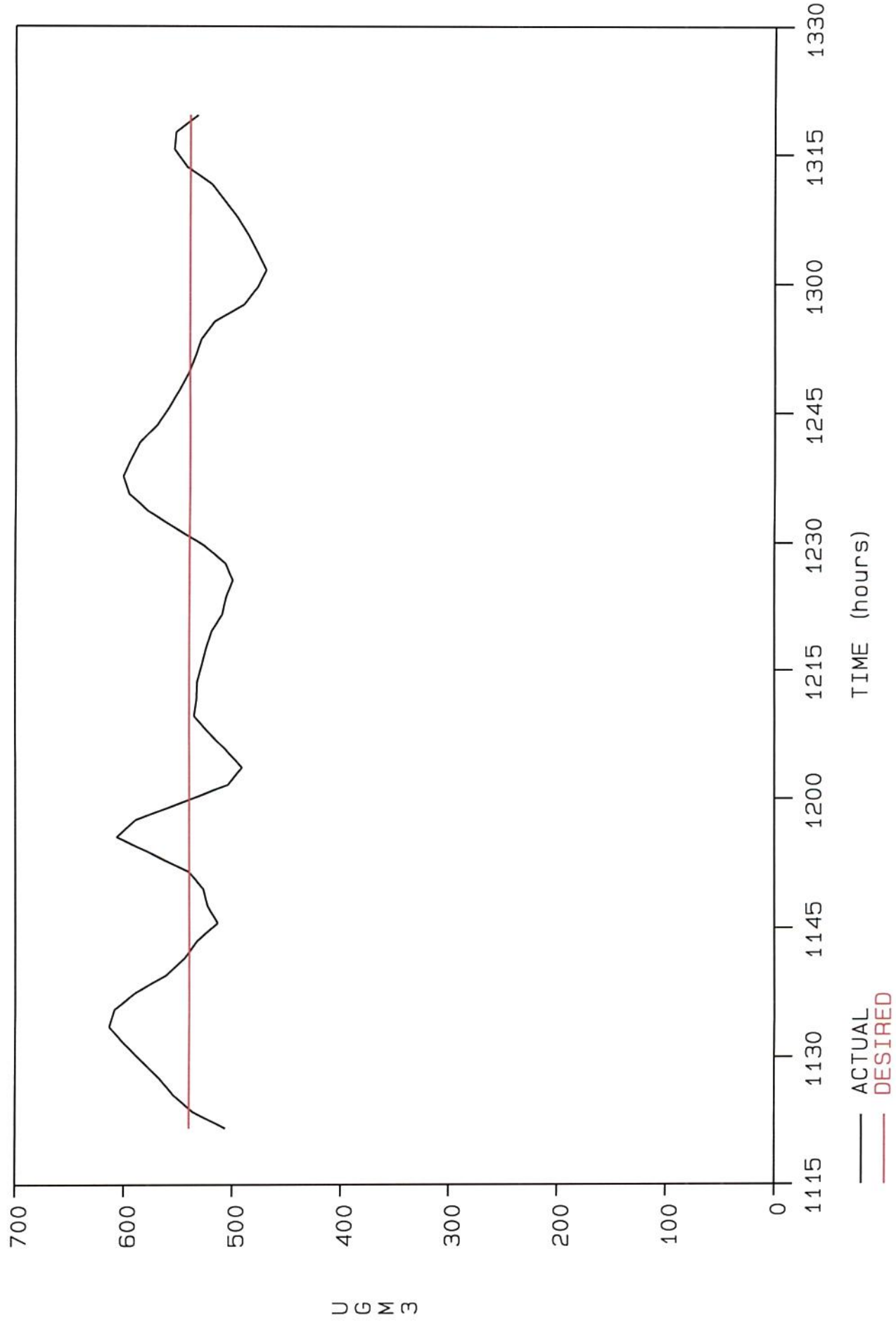
Parameter PC81TWOO from 04/02/2025 11:21:38 to 04/02/2025 13:19:38
Chamber PC81 Teom Conc. for Wood Smoke

04/02/2025 11:21:38	5.0631E+02	C	04/02/2025 11:23:38	5.3639E+02	C
04/02/2025 11:25:38	5.5449E+02	C	04/02/2025 11:27:38	5.6763E+02	C
04/02/2025 11:29:38	5.8413E+02	C	04/02/2025 11:31:38	5.9980E+02	C
04/02/2025 11:33:38	6.1365E+02	C	04/02/2025 11:35:38	6.0870E+02	C
04/02/2025 11:37:38	5.8880E+02	C	04/02/2025 11:39:38	5.6113E+02	C
04/02/2025 11:41:38	5.4386E+02	C	04/02/2025 11:43:38	5.3241E+02	C
04/02/2025 11:45:38	5.1365E+02	C	04/02/2025 11:47:38	5.2316E+02	C
04/02/2025 11:49:38	5.2701E+02	C	04/02/2025 11:51:38	5.4039E+02	C
04/02/2025 11:53:38	5.7379E+02	C	04/02/2025 11:55:38	6.0692E+02	C
04/02/2025 11:57:38	5.8911E+02	C	04/02/2025 11:59:38	5.4551E+02	C
04/02/2025 12:01:38	5.0427E+02	C	04/02/2025 12:03:38	4.9126E+02	C
04/02/2025 12:05:38	5.0588E+02	C	04/02/2025 12:07:38	5.2143E+02	C
04/02/2025 12:09:38	5.3543E+02	C	04/02/2025 12:11:38	5.3321E+02	C
04/02/2025 12:13:38	5.3254E+02	C	04/02/2025 12:15:38	5.2839E+02	C
04/02/2025 12:17:38	5.2432E+02	C	04/02/2025 12:19:38	5.1918E+02	C
04/02/2025 12:21:38	5.0951E+02	C	04/02/2025 12:23:38	5.0604E+02	C
04/02/2025 12:25:38	4.9978E+02	C	04/02/2025 12:27:38	5.0666E+02	C
04/02/2025 12:29:38	5.2628E+02	C	04/02/2025 12:31:38	5.5280E+02	C
04/02/2025 12:33:38	5.7796E+02	C	04/02/2025 12:35:38	5.9583E+02	C
04/02/2025 12:37:38	6.0124E+02	C	04/02/2025 12:39:38	5.9404E+02	C
04/02/2025 12:41:38	5.8581E+02	C	04/02/2025 12:43:38	5.6952E+02	C
04/02/2025 12:45:38	5.5906E+02	C	04/02/2025 12:47:38	5.4944E+02	C
04/02/2025 12:49:38	5.4080E+02	C	04/02/2025 12:51:38	5.3466E+02	C
04/02/2025 12:53:38	5.2916E+02	C	04/02/2025 12:55:38	5.1723E+02	C
04/02/2025 12:57:38	4.8983E+02	C	04/02/2025 12:59:38	4.7732E+02	C
04/02/2025 13:01:38	4.6930E+02	C	04/02/2025 13:03:38	4.7740E+02	C
04/02/2025 13:05:38	4.8569E+02	C	04/02/2025 13:07:38	4.9554E+02	C
04/02/2025 13:09:38	5.0760E+02	C	04/02/2025 13:11:38	5.1988E+02	C
04/02/2025 13:13:38	5.4280E+02	C	04/02/2025 13:15:38	5.5449E+02	C
04/02/2025 13:17:38	5.5298E+02	C	04/02/2025 13:19:38	5.3245E+02	C

Parameter PC81TWOO from 04/02/2025 11:21:38 to 04/02/2025 13:19:38
Chamber PC81 Teom Conc. for Wood Smoke

60 samples	0 have no data	0 out-of-limits
average = 5.3956E+02	standard deviation = 3.6512E+01	
minimum = 4.6930E+02	maximum = 6.1365E+02	
% OOL = 0.0000E+00	coef. of variation = 6.7669E+00	
min % diff = -1.3093E+01	max % diff = 1.3639E+01	
mean % diff = -8.0736E-02		

MASKOFF SUBJ# T2 - PC81TW00 (Teom Conc. for Wood Smoke)
04/02/2025 11:21:38 04/02/2025 13:19:38



Parameter PC81MWO0 from 04/02/2025 11:21:38 to 04/02/2025 13:19:38
 Chamber PC81 DustTrak Conc. for Wood Smoke

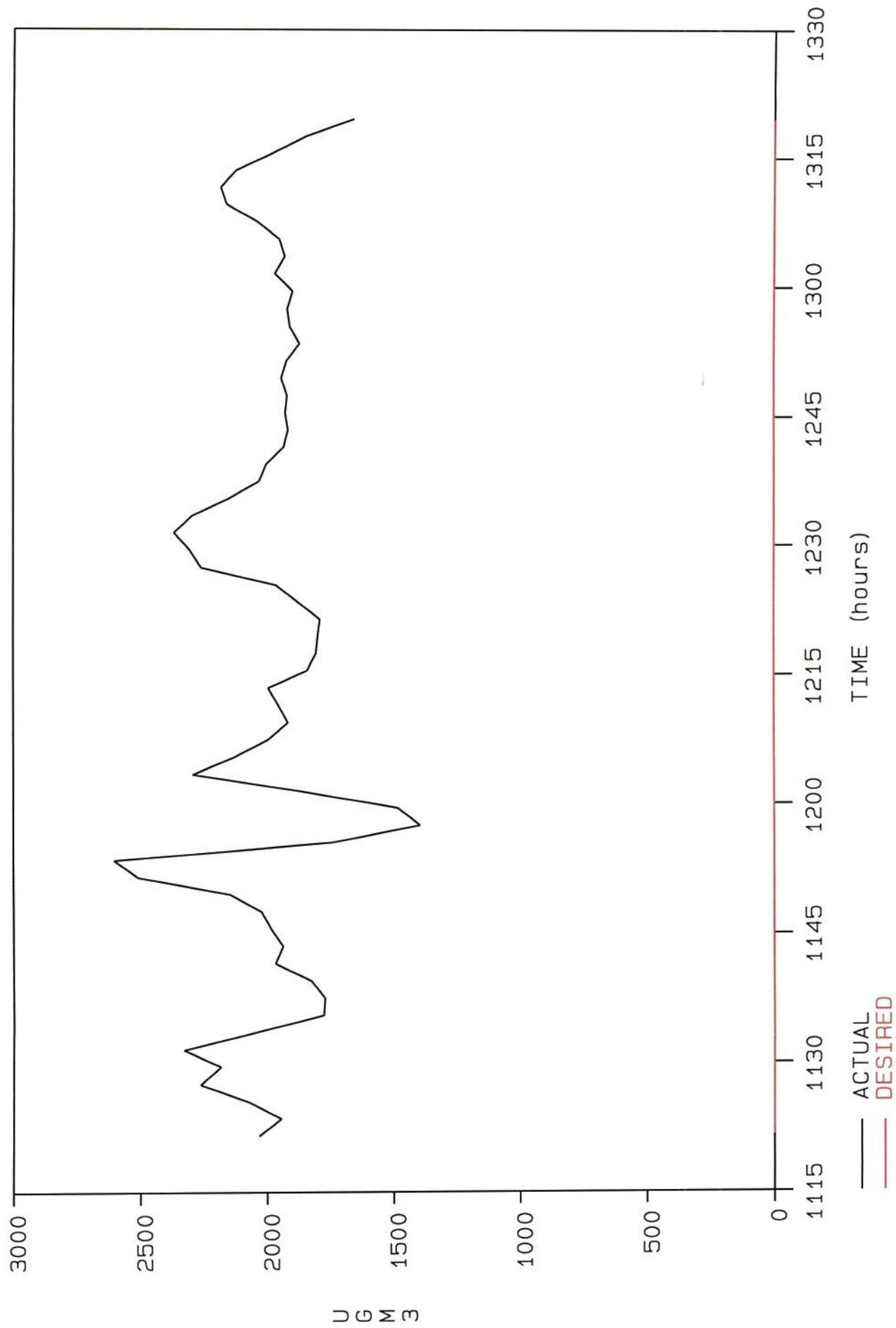
04/02/2025 11:21:38	2.0333E+03	04/02/2025 11:23:38	1.9454E+03
04/02/2025 11:25:38	2.0767E+03	04/02/2025 11:27:38	2.2654E+03
04/02/2025 11:29:38	2.1846E+03	04/02/2025 11:31:38	2.3317E+03
04/02/2025 11:33:38	2.0508E+03	04/02/2025 11:35:38	1.7788E+03
04/02/2025 11:37:38	1.7733E+03	04/02/2025 11:39:38	1.8271E+03
04/02/2025 11:41:38	1.9688E+03	04/02/2025 11:43:38	1.9388E+03
04/02/2025 11:45:38	1.9842E+03	04/02/2025 11:47:38	2.0233E+03
04/02/2025 11:49:38	2.1478E+03	04/02/2025 11:51:38	2.5096E+03
04/02/2025 11:53:38	2.6038E+03	04/02/2025 11:55:38	1.7463E+03
04/02/2025 11:57:38	1.3954E+03	04/02/2025 11:59:38	1.4833E+03
04/02/2025 12:01:38	1.8729E+03	04/02/2025 12:03:38	2.2950E+03
04/02/2025 12:05:38	2.1308E+03	04/02/2025 12:07:38	1.9963E+03
04/02/2025 12:09:38	1.9175E+03	04/02/2025 12:11:38	1.9550E+03
04/02/2025 12:13:38	1.9963E+03	04/02/2025 12:15:38	1.8421E+03
04/02/2025 12:17:38	1.8071E+03	04/02/2025 12:19:38	1.7992E+03
04/02/2025 12:21:38	1.7904E+03	04/02/2025 12:23:38	1.8763E+03
04/02/2025 12:25:38	1.9658E+03	04/02/2025 12:27:38	2.2604E+03
04/02/2025 12:29:38	2.3050E+03	04/02/2025 12:31:38	2.3673E+03
04/02/2025 12:33:38	2.2954E+03	04/02/2025 12:35:38	2.1517E+03
04/02/2025 12:37:38	2.0325E+03	04/02/2025 12:39:38	2.0029E+03
04/02/2025 12:41:38	1.9342E+03	04/02/2025 12:43:38	1.9171E+03
04/02/2025 12:45:38	1.9283E+03	04/02/2025 12:47:38	1.9213E+03
04/02/2025 12:49:38	1.9442E+03	04/02/2025 12:51:38	1.9233E+03
04/02/2025 12:53:38	1.8729E+03	04/02/2025 12:55:38	1.9121E+03
04/02/2025 12:57:38	1.9208E+03	04/02/2025 12:59:38	1.9008E+03
04/02/2025 13:01:38	1.9713E+03	04/02/2025 13:03:38	1.9321E+03
04/02/2025 13:05:38	1.9546E+03	04/02/2025 13:07:38	2.0425E+03
04/02/2025 13:09:38	2.1633E+03	04/02/2025 13:11:38	2.1862E+03
04/02/2025 13:13:38	2.1267E+03	04/02/2025 13:15:38	1.9821E+03
04/02/2025 13:17:38	1.8479E+03	04/02/2025 13:19:38	1.6596E+03

Parameter PC81MWO0 from 04/02/2025 11:21:38 to 04/02/2025 13:19:38
 Chamber PC81 DustTrak Conc. for Wood Smoke

60 samples	0 have no data	0 out-of-limits
average = 1.9962E+03	standard deviation =	2.1398E+02
minimum = 1.3954E+03	maximum =	2.6038E+03

The desired value was varying, zero, or negative for the requested period

MASKOFF SUBJ# T2 - PC81MW00 (DustTrak Conc.. for Wood Smoke)
04/02/2025 11: 21: 38 04/02/2025 13: 19: 38



Parameter PC81CGM from 04/02/2025 11:21:38 to 04/02/2025 13:19:38
Chamber PC81 Particle Count Geom. Mean Diam.

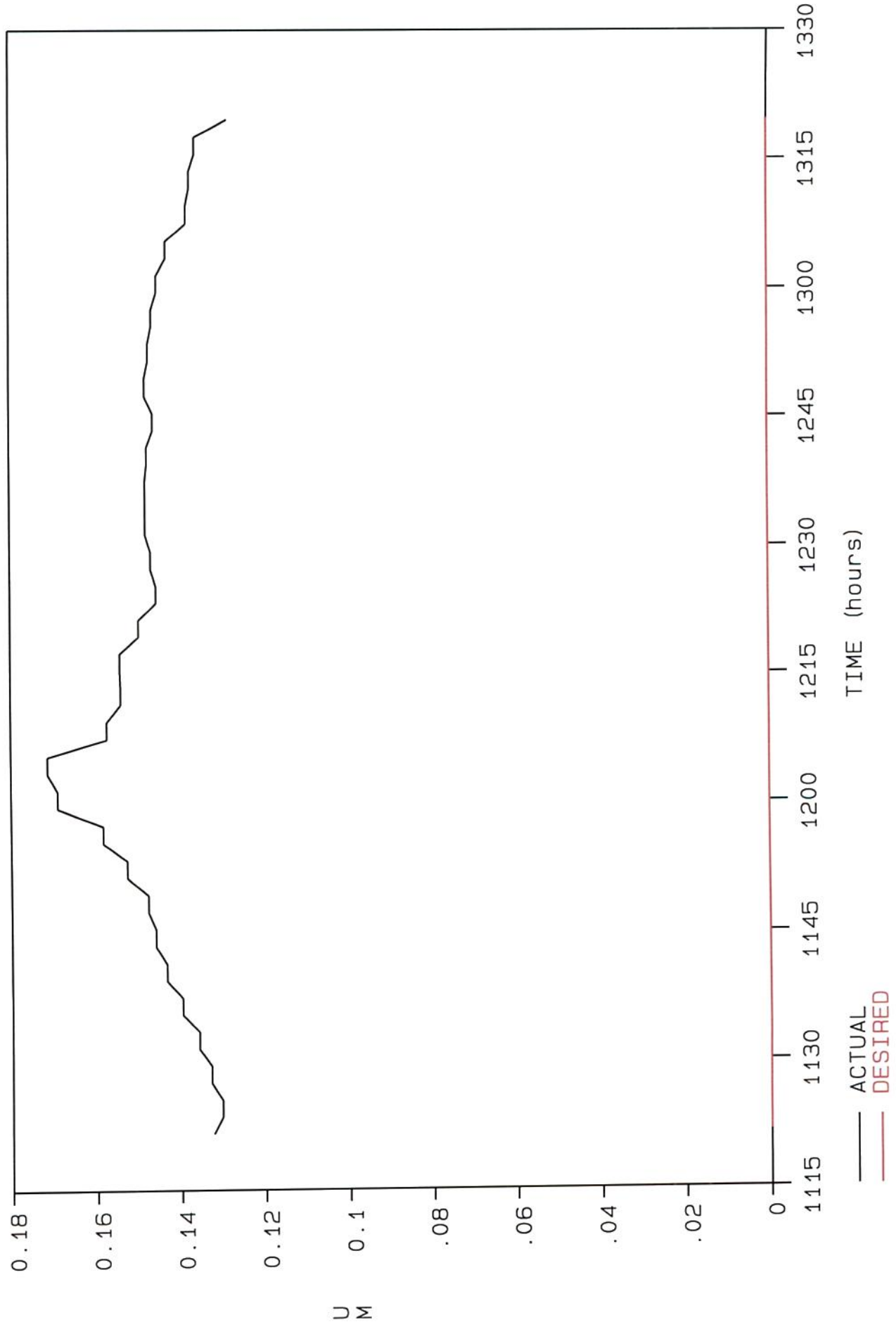
04/02/2025 11:21:38	1.3244E-01	04/02/2025 11:23:38	1.3034E-01
04/02/2025 11:25:38	1.3034E-01	04/02/2025 11:27:38	1.3291E-01
04/02/2025 11:29:38	1.3291E-01	04/02/2025 11:31:38	1.3582E-01
04/02/2025 11:33:38	1.3582E-01	04/02/2025 11:35:38	1.3971E-01
04/02/2025 11:37:38	1.3971E-01	04/02/2025 11:39:38	1.4337E-01
04/02/2025 11:41:38	1.4337E-01	04/02/2025 11:43:38	1.4594E-01
04/02/2025 11:45:38	1.4594E-01	04/02/2025 11:47:38	1.4766E-01
04/02/2025 11:49:38	1.4766E-01	04/02/2025 11:51:38	1.5259E-01
04/02/2025 11:53:38	1.5259E-01	04/02/2025 11:55:38	1.5820E-01
04/02/2025 11:57:38	1.5820E-01	04/02/2025 11:59:38	1.6898E-01
04/02/2025 12:01:38	1.6898E-01	04/02/2025 12:03:38	1.7129E-01
04/02/2025 12:05:38	1.7129E-01	04/02/2025 12:07:38	1.5721E-01
04/02/2025 12:09:38	1.5721E-01	04/02/2025 12:11:38	1.5390E-01
04/02/2025 12:13:38	1.5390E-01	04/02/2025 12:15:38	1.5408E-01
04/02/2025 12:17:38	1.5408E-01	04/02/2025 12:19:38	1.4962E-01
04/02/2025 12:21:38	1.4962E-01	04/02/2025 12:23:38	1.4545E-01
04/02/2025 12:25:38	1.4545E-01	04/02/2025 12:27:38	1.4670E-01
04/02/2025 12:29:38	1.4670E-01	04/02/2025 12:31:38	1.4789E-01
04/02/2025 12:33:38	1.4789E-01	04/02/2025 12:35:38	1.4795E-01
04/02/2025 12:37:38	1.4795E-01	04/02/2025 12:39:38	1.4750E-01
04/02/2025 12:41:38	1.4750E-01	04/02/2025 12:43:38	1.4602E-01
04/02/2025 12:45:38	1.4602E-01	04/02/2025 12:47:38	1.4793E-01
04/02/2025 12:49:38	1.4793E-01	04/02/2025 12:51:38	1.4708E-01
04/02/2025 12:53:38	1.4708E-01	04/02/2025 12:55:38	1.4628E-01
04/02/2025 12:57:38	1.4628E-01	04/02/2025 12:59:38	1.4504E-01
04/02/2025 13:01:38	1.4504E-01	04/02/2025 13:03:38	1.4289E-01
04/02/2025 13:05:38	1.4289E-01	04/02/2025 13:07:38	1.3804E-01
04/02/2025 13:09:38	1.3804E-01	04/02/2025 13:11:38	1.3724E-01
04/02/2025 13:13:38	1.3724E-01	04/02/2025 13:15:38	1.3590E-01
04/02/2025 13:17:38	1.3590E-01	04/02/2025 13:19:38	1.2817E-01

Parameter PC81CGM from 04/02/2025 11:21:38 to 04/02/2025 13:19:38
Chamber PC81 Particle Count Geom. Mean Diam.

60 samples	0 have no data	0 out-of-limits
average = 1.4646E-01	standard deviation =	9.5824E-03
minimum = 1.2817E-01	maximum =	1.7129E-01

The desired value was varying, zero, or negative for the requested period

MASKOFF SUBJ# T2 - PC81CGM (Particle Count Geom. Mean Diam.)
04/02/2025 11:21:38 04/02/2025 13:19:38



Parameter PC81CCON from 04/02/2025 11:21:38 to 04/02/2025 13:19:38
Chamber PC81 CPC Concentration

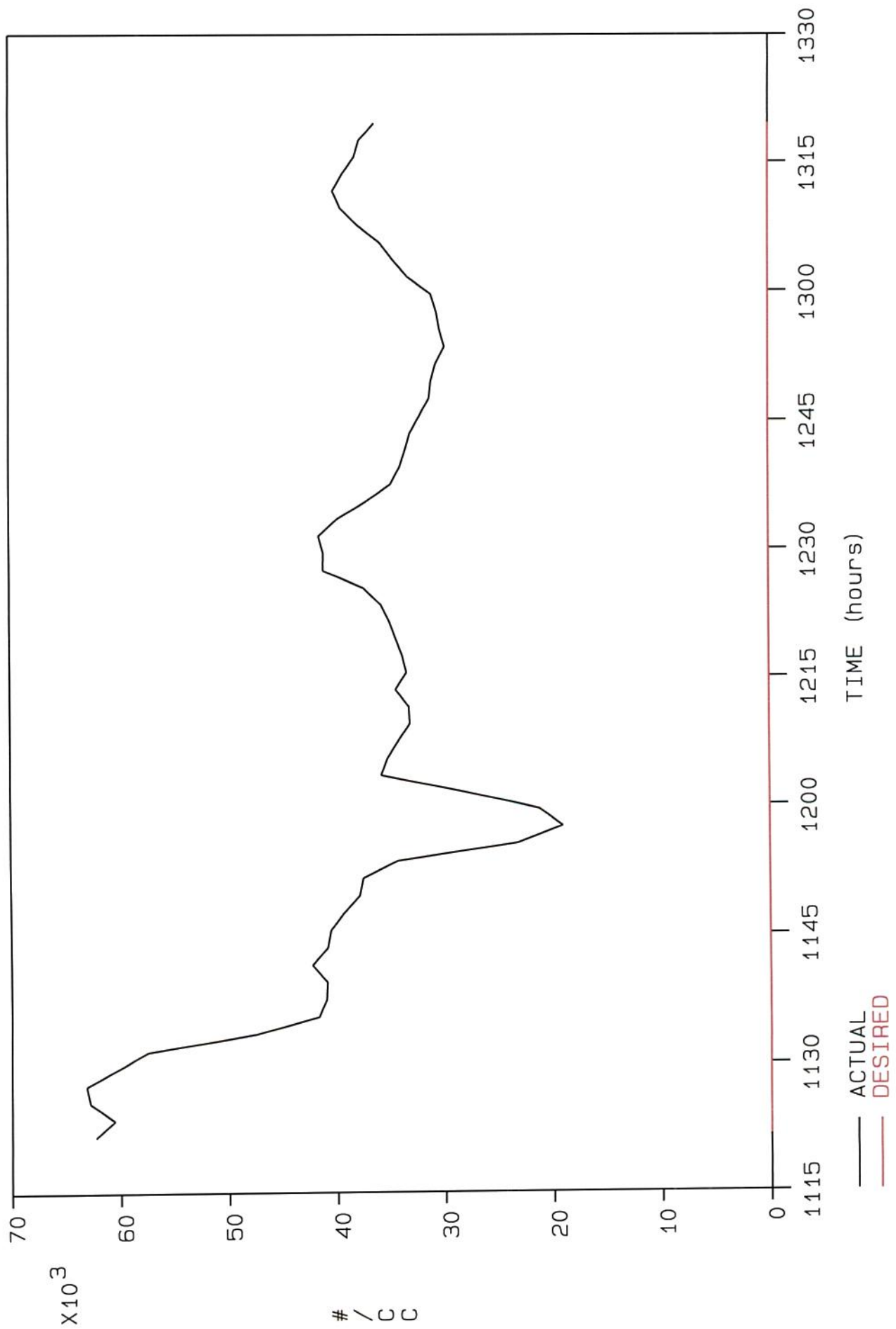
04/02/2025 11:21:38	6.2316E+04	04/02/2025 11:23:38	6.0575E+04
04/02/2025 11:25:38	6.2809E+04	04/02/2025 11:27:38	6.3144E+04
04/02/2025 11:29:38	6.0223E+04	04/02/2025 11:31:38	5.7500E+04
04/02/2025 11:33:38	4.7509E+04	04/02/2025 11:35:38	4.1696E+04
04/02/2025 11:37:38	4.0987E+04	04/02/2025 11:39:38	4.0896E+04
04/02/2025 11:41:38	4.2265E+04	04/02/2025 11:43:38	4.0852E+04
04/02/2025 11:45:38	4.0544E+04	04/02/2025 11:47:38	3.9299E+04
04/02/2025 11:49:38	3.7822E+04	04/02/2025 11:51:38	3.7489E+04
04/02/2025 11:53:38	3.4284E+04	04/02/2025 11:55:38	2.3164E+04
04/02/2025 11:57:38	1.9012E+04	04/02/2025 11:59:38	2.1180E+04
04/02/2025 12:01:38	2.8141E+04	04/02/2025 12:03:38	3.5770E+04
04/02/2025 12:05:38	3.5173E+04	04/02/2025 12:07:38	3.4183E+04
04/02/2025 12:09:38	3.3104E+04	04/02/2025 12:11:38	3.3183E+04
04/02/2025 12:13:38	3.4429E+04	04/02/2025 12:15:38	3.3387E+04
04/02/2025 12:17:38	3.3795E+04	04/02/2025 12:19:38	3.4376E+04
04/02/2025 12:21:38	3.4972E+04	04/02/2025 12:23:38	3.5733E+04
04/02/2025 12:25:38	3.7344E+04	04/02/2025 12:27:38	4.1074E+04
04/02/2025 12:29:38	4.1038E+04	04/02/2025 12:31:38	4.1463E+04
04/02/2025 12:33:38	3.9729E+04	04/02/2025 12:35:38	3.7059E+04
04/02/2025 12:37:38	3.4774E+04	04/02/2025 12:39:38	3.3946E+04
04/02/2025 12:41:38	3.3408E+04	04/02/2025 12:43:38	3.2965E+04
04/02/2025 12:45:38	3.2080E+04	04/02/2025 12:47:38	3.1201E+04
04/02/2025 12:49:38	3.1036E+04	04/02/2025 12:51:38	3.0592E+04
04/02/2025 12:53:38	2.9786E+04	04/02/2025 12:55:38	3.0231E+04
04/02/2025 12:57:38	3.0522E+04	04/02/2025 12:59:38	3.1035E+04
04/02/2025 13:01:38	3.3187E+04	04/02/2025 13:03:38	3.4549E+04
04/02/2025 13:05:38	3.5784E+04	04/02/2025 13:07:38	3.7793E+04
04/02/2025 13:09:38	3.9406E+04	04/02/2025 13:11:38	4.0113E+04
04/02/2025 13:13:38	3.9211E+04	04/02/2025 13:15:38	3.8128E+04
04/02/2025 13:17:38	3.7652E+04	04/02/2025 13:19:38	3.6277E+04

Parameter PC81CCON from 04/02/2025 11:21:38 to 04/02/2025 13:19:38
Chamber PC81 CPC Concentration

60 samples	0 have no data	0 out-of-limits
average = 3.7853E+04	standard deviation =	9.2812E+03
minimum = 1.9012E+04	maximum =	6.3144E+04

The desired value was varying, zero, or negative for the requested period

MASKOFF SUBJ# T2 - PC81CCON (CPC Concentration)
04/02/2025 11: 21: 38 04/02/2025 13: 19: 38



Parameter PC81CO from 04/02/2025 11:21:38 to 04/02/2025 13:19:38
 Chamber PC81 Carbon Monoxide

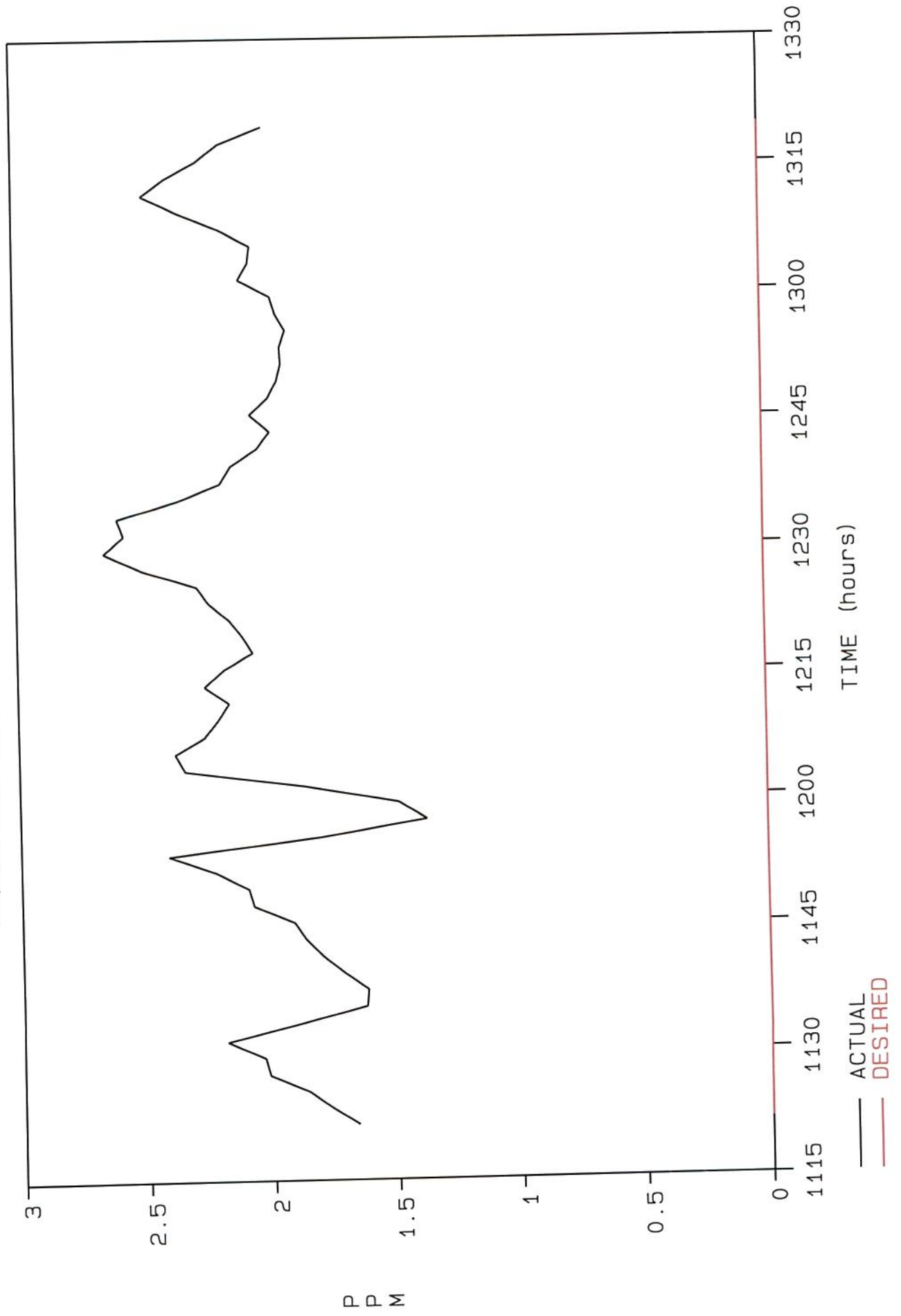
04/02/2025 11:21:38	1.6615E+00	04/02/2025 11:23:38	1.7690E+00
04/02/2025 11:25:38	1.8615E+00	04/02/2025 11:27:38	2.0177E+00
04/02/2025 11:29:38	2.0364E+00	04/02/2025 11:31:38	2.1868E+00
04/02/2025 11:33:38	1.8988E+00	04/02/2025 11:35:38	1.6242E+00
04/02/2025 11:37:38	1.6172E+00	04/02/2025 11:39:38	1.7130E+00
04/02/2025 11:41:38	1.7968E+00	04/02/2025 11:43:38	1.8643E+00
04/02/2025 11:45:38	1.9100E+00	04/02/2025 11:47:38	2.0719E+00
04/02/2025 11:49:38	2.0912E+00	04/02/2025 11:51:38	2.2217E+00
04/02/2025 11:53:38	2.4097E+00	04/02/2025 11:55:38	1.7964E+00
04/02/2025 11:57:38	1.3677E+00	04/02/2025 11:59:38	1.4795E+00
04/02/2025 12:01:38	1.8547E+00	04/02/2025 12:03:38	2.3369E+00
04/02/2025 12:05:38	2.3763E+00	04/02/2025 12:07:38	2.2569E+00
04/02/2025 12:09:38	2.2010E+00	04/02/2025 12:11:38	2.1558E+00
04/02/2025 12:13:38	2.2536E+00	04/02/2025 12:15:38	2.1734E+00
04/02/2025 12:17:38	2.0563E+00	04/02/2025 12:19:38	2.0980E+00
04/02/2025 12:21:38	2.1504E+00	04/02/2025 12:23:38	2.2307E+00
04/02/2025 12:25:38	2.2787E+00	04/02/2025 12:27:38	2.4954E+00
04/02/2025 12:29:38	2.6497E+00	04/02/2025 12:31:38	2.5693E+00
04/02/2025 12:33:38	2.5944E+00	04/02/2025 12:35:38	2.3535E+00
04/02/2025 12:37:38	2.1791E+00	04/02/2025 12:39:38	2.1343E+00
04/02/2025 12:41:38	2.0291E+00	04/02/2025 12:43:38	1.9766E+00
04/02/2025 12:45:38	2.0551E+00	04/02/2025 12:47:38	1.9811E+00
04/02/2025 12:49:38	1.9446E+00	04/02/2025 12:51:38	1.9277E+00
04/02/2025 12:53:38	1.9306E+00	04/02/2025 12:55:38	1.9075E+00
04/02/2025 12:57:38	1.9466E+00	04/02/2025 12:59:38	1.9679E+00
04/02/2025 13:01:38	2.0942E+00	04/02/2025 13:03:38	2.0544E+00
04/02/2025 13:05:38	2.0456E+00	04/02/2025 13:07:38	2.1741E+00
04/02/2025 13:09:38	2.3383E+00	04/02/2025 13:11:38	2.4796E+00
04/02/2025 13:13:38	2.3846E+00	04/02/2025 13:15:38	2.2585E+00
04/02/2025 13:17:38	2.1679E+00	04/02/2025 13:19:38	1.9907E+00

Parameter PC81CO from 04/02/2025 11:21:38 to 04/02/2025 13:19:38
 Chamber PC81 Carbon Monoxide

60 samples	0 have no data	0 out-of-limits
average = 2.0741E+00	standard deviation =	2.6471E-01
minimum = 1.3677E+00	maximum =	2.6497E+00

The desired value was varying, zero, or negative for the requested period

MASKOFF SUBJ# T2 - PC81CO (Carbon Monoxide)
04/02/2025 11:21:38 04/02/2025 13:19:38



Parameter PC81HC from 04/02/2025 11:21:38 to 04/02/2025 13:19:38
 Chamber PC81 Hydrocarbon

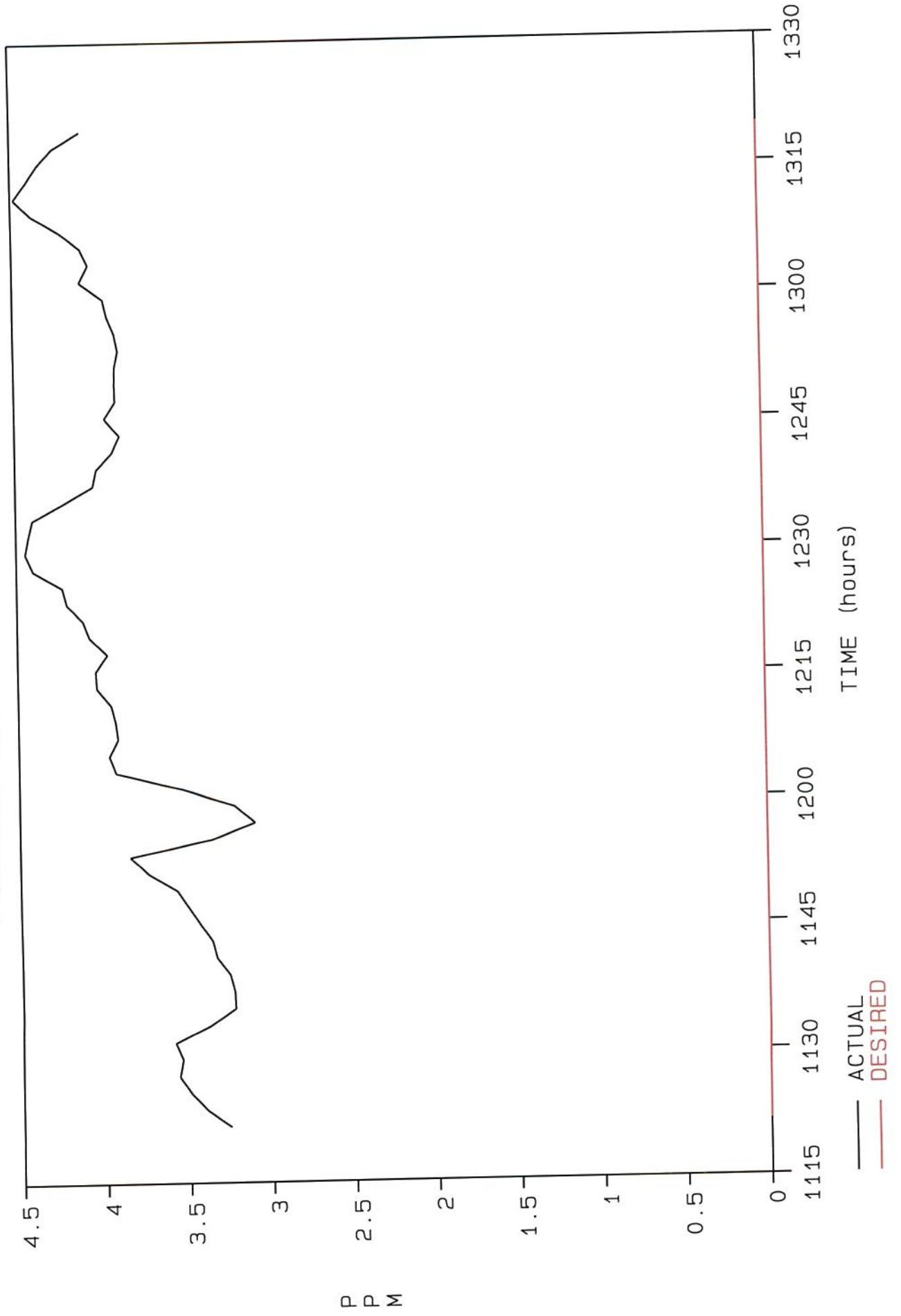
04/02/2025 11:21:38	3.2558E+00	04/02/2025 11:23:38	3.3965E+00
04/02/2025 11:25:38	3.4905E+00	04/02/2025 11:27:38	3.5632E+00
04/02/2025 11:29:38	3.5415E+00	04/02/2025 11:31:38	3.5856E+00
04/02/2025 11:33:38	3.3779E+00	04/02/2025 11:35:38	3.2248E+00
04/02/2025 11:37:38	3.2276E+00	04/02/2025 11:39:38	3.2526E+00
04/02/2025 11:41:38	3.3304E+00	04/02/2025 11:43:38	3.3553E+00
04/02/2025 11:45:38	3.4268E+00	04/02/2025 11:47:38	3.4939E+00
04/02/2025 11:49:38	3.5629E+00	04/02/2025 11:51:38	3.7316E+00
04/02/2025 11:53:38	3.8411E+00	04/02/2025 11:55:38	3.3510E+00
04/02/2025 11:57:38	3.0866E+00	04/02/2025 11:59:38	3.2119E+00
04/02/2025 12:01:38	3.5208E+00	04/02/2025 12:03:38	3.9191E+00
04/02/2025 12:05:38	3.9573E+00	04/02/2025 12:07:38	3.9040E+00
04/02/2025 12:09:38	3.9182E+00	04/02/2025 12:11:38	3.9436E+00
04/02/2025 12:13:38	4.0267E+00	04/02/2025 12:15:38	4.0325E+00
04/02/2025 12:17:38	3.9604E+00	04/02/2025 12:19:38	4.0669E+00
04/02/2025 12:21:38	4.1054E+00	04/02/2025 12:23:38	4.2004E+00
04/02/2025 12:25:38	4.2265E+00	04/02/2025 12:27:38	4.4001E+00
04/02/2025 12:29:38	4.4462E+00	04/02/2025 12:31:38	4.4262E+00
04/02/2025 12:33:38	4.3994E+00	04/02/2025 12:35:38	4.2130E+00
04/02/2025 12:37:38	4.0350E+00	04/02/2025 12:39:38	4.0124E+00
04/02/2025 12:41:38	3.9179E+00	04/02/2025 12:43:38	3.8689E+00
04/02/2025 12:45:38	3.9599E+00	04/02/2025 12:47:38	3.8942E+00
04/02/2025 12:49:38	3.8954E+00	04/02/2025 12:51:38	3.8942E+00
04/02/2025 12:53:38	3.8724E+00	04/02/2025 12:55:38	3.8926E+00
04/02/2025 12:57:38	3.9340E+00	04/02/2025 12:59:38	3.9568E+00
04/02/2025 13:01:38	4.0965E+00	04/02/2025 13:03:38	4.0434E+00
04/02/2025 13:05:38	4.0885E+00	04/02/2025 13:07:38	4.2146E+00
04/02/2025 13:09:38	4.3780E+00	04/02/2025 13:11:38	4.4834E+00
04/02/2025 13:13:38	4.4055E+00	04/02/2025 13:15:38	4.3389E+00
04/02/2025 13:17:38	4.2445E+00	04/02/2025 13:19:38	4.0791E+00

Parameter PC81HC from 04/02/2025 11:21:38 to 04/02/2025 13:19:38
 Chamber PC81 Hydrocarbon

60 samples	0 have no data	0 out-of-limits
average = 3.8580E+00	standard deviation =	3.7488E-01
minimum = 3.0866E+00	maximum =	4.4834E+00

The desired value was varying, zero, or negative for the requested period

MASKOFF SUBJ# T2 - PC81HC (Hydrocarbon)
04/02/2025 11: 21: 38 04/02/2025 13: 19: 38



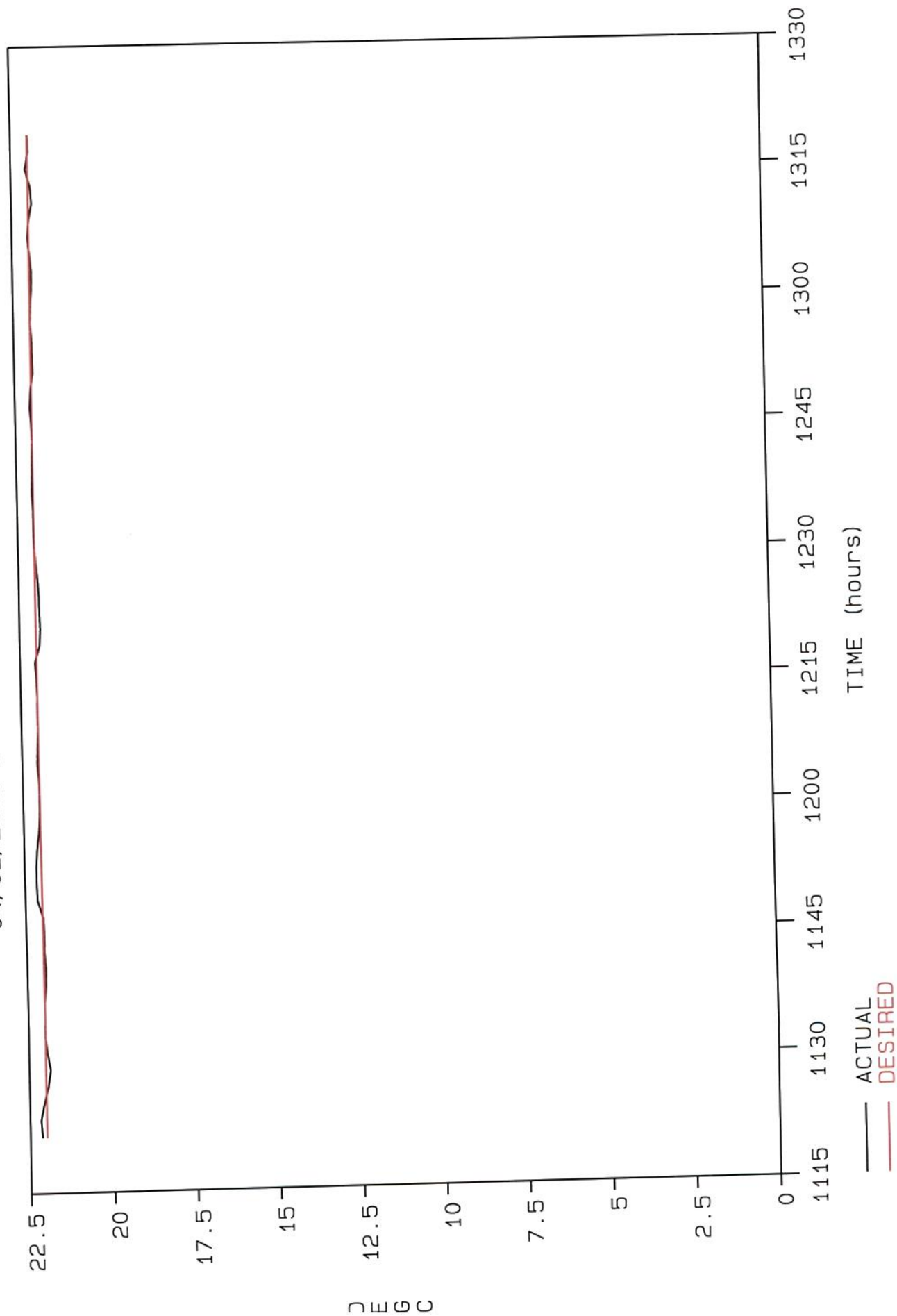
Parameter PC81TMP from 04/02/2025 11:21:38 to 04/02/2025 13:19:38
Chamber PC81 Temperature

04/02/2025 11:21:38	2.2143E+01	C	04/02/2025 11:23:38	2.2171E+01	C
04/02/2025 11:25:38	2.2072E+01	C	04/02/2025 11:27:38	2.1940E+01	C
04/02/2025 11:29:38	2.1869E+01	C	04/02/2025 11:31:38	2.1944E+01	C
04/02/2025 11:33:38	2.2013E+01	C	04/02/2025 11:35:38	2.2001E+01	C
04/02/2025 11:37:38	2.2003E+01	C	04/02/2025 11:39:38	2.1955E+01	C
04/02/2025 11:41:38	2.1946E+01	C	04/02/2025 11:43:38	2.1972E+01	C
04/02/2025 11:45:38	2.1968E+01	C	04/02/2025 11:47:38	2.1981E+01	C
04/02/2025 11:49:38	2.2141E+01	C	04/02/2025 11:51:38	2.2158E+01	C
04/02/2025 11:53:38	2.2155E+01	C	04/02/2025 11:55:38	2.2123E+01	C
04/02/2025 11:57:38	2.2060E+01	C	04/02/2025 11:59:38	2.2016E+01	C
04/02/2025 12:01:38	2.2012E+01	C	04/02/2025 12:03:38	2.2012E+01	C
04/02/2025 12:05:38	2.2054E+01	C	04/02/2025 12:07:38	2.2035E+01	C
04/02/2025 12:09:38	2.1997E+01	C	04/02/2025 12:11:38	2.2007E+01	C
04/02/2025 12:13:38	2.1998E+01	C	04/02/2025 12:15:38	2.2027E+01	C
04/02/2025 12:17:38	2.2054E+01	C	04/02/2025 12:19:38	2.1914E+01	C
04/02/2025 12:21:38	2.1884E+01	C	04/02/2025 12:23:38	2.1901E+01	C
04/02/2025 12:25:38	2.1912E+01	C	04/02/2025 12:27:38	2.1937E+01	C
04/02/2025 12:29:38	2.1987E+01	C	04/02/2025 12:31:38	2.2007E+01	C
04/02/2025 12:33:38	2.2026E+01	C	04/02/2025 12:35:38	2.2030E+01	C
04/02/2025 12:37:38	2.2060E+01	C	04/02/2025 12:39:38	2.2039E+01	C
04/02/2025 12:41:38	2.2032E+01	C	04/02/2025 12:43:38	2.2004E+01	C
04/02/2025 12:45:38	2.2029E+01	C	04/02/2025 12:47:38	2.2065E+01	C
04/02/2025 12:49:38	2.2032E+01	C	04/02/2025 12:51:38	2.1954E+01	C
04/02/2025 12:53:38	2.1954E+01	C	04/02/2025 12:55:38	2.1964E+01	C
04/02/2025 12:57:38	2.2004E+01	C	04/02/2025 12:59:38	2.1985E+01	C
04/02/2025 13:01:38	2.1944E+01	C	04/02/2025 13:03:38	2.1933E+01	C
04/02/2025 13:05:38	2.1983E+01	C	04/02/2025 13:07:38	2.2040E+01	C
04/02/2025 13:09:38	2.1993E+01	C	04/02/2025 13:11:38	2.1903E+01	C
04/02/2025 13:13:38	2.1939E+01	C	04/02/2025 13:15:38	2.2079E+01	C
04/02/2025 13:17:38	2.1980E+01	C	04/02/2025 13:19:38	2.1993E+01	C

Parameter PC81TMP from 04/02/2025 11:21:38 to 04/02/2025 13:19:38
Chamber PC81 Temperature

60 samples	0 have no data	0 out-of-limits
average = 2.2006E+01	standard deviation =	6.7804E-02
minimum = 2.1869E+01	maximum =	2.2171E+01
% OOL = 0.0000E+00	coef. of variation =	3.0812E-01
min % diff = -5.9703E-01	max % diff =	7.7914E-01
mean % diff = 2.5368E-02		

MASKOFF SUBJ# T2 - PC81TMP (Temperature)
04/02/2025 11:21:38 04/02/2025 13:19:38



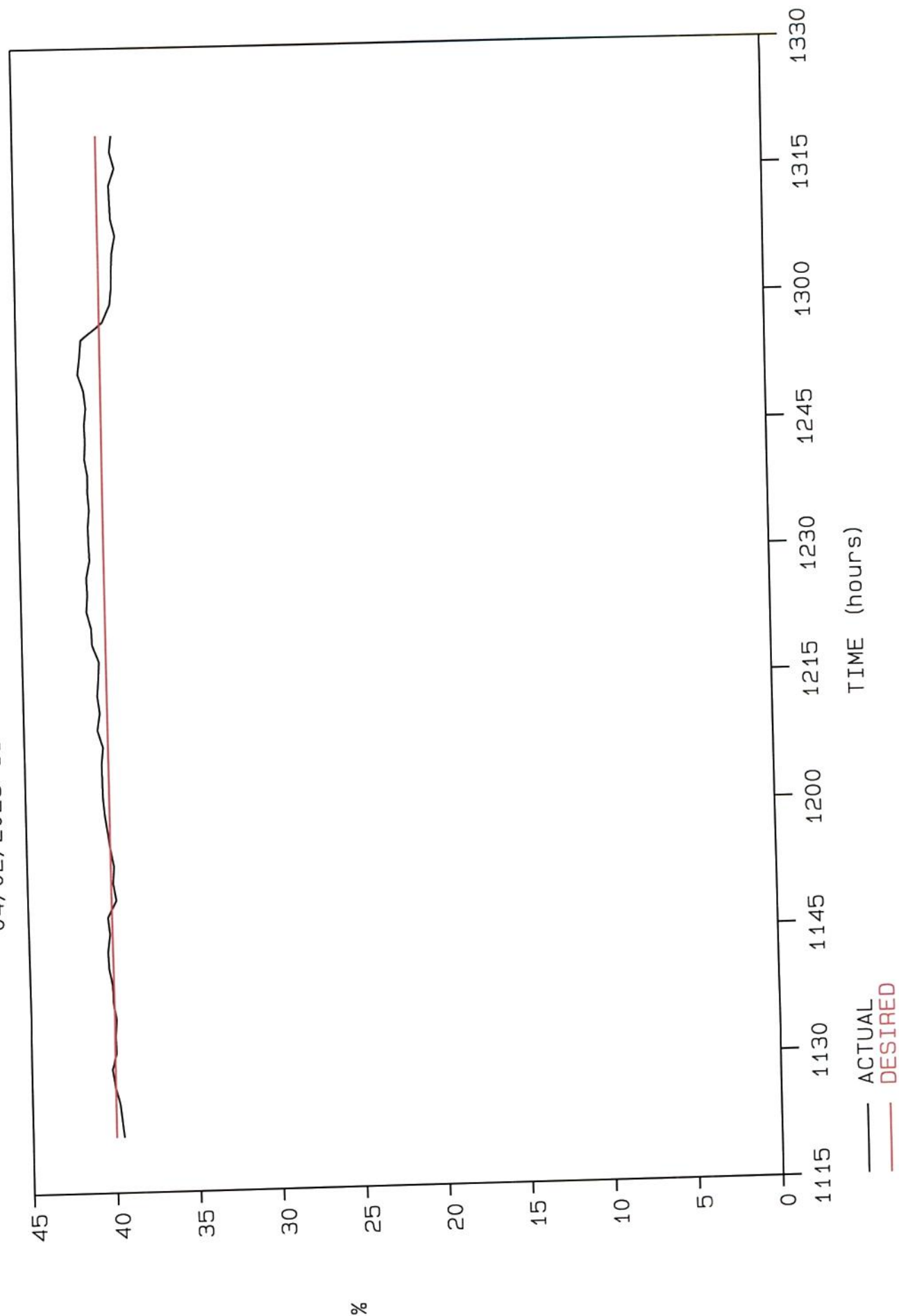
Parameter PC81RH from 04/02/2025 11:21:38 to 04/02/2025 13:19:38
Chamber PC81 Relative Humidity

04/02/2025 11:21:38	3.9537E+01	C	04/02/2025 11:23:38	3.9650E+01	C
04/02/2025 11:25:38	3.9768E+01	C	04/02/2025 11:27:38	4.0020E+01	C
04/02/2025 11:29:38	4.0180E+01	C	04/02/2025 11:31:38	3.9912E+01	C
04/02/2025 11:33:38	3.9966E+01	C	04/02/2025 11:35:38	3.9879E+01	C
04/02/2025 11:37:38	4.0046E+01	C	04/02/2025 11:39:38	4.0077E+01	C
04/02/2025 11:41:38	4.0259E+01	C	04/02/2025 11:43:38	4.0282E+01	C
04/02/2025 11:45:38	4.0141E+01	C	04/02/2025 11:47:38	4.0239E+01	C
04/02/2025 11:49:38	3.9711E+01	C	04/02/2025 11:51:38	3.9875E+01	C
04/02/2025 11:53:38	3.9802E+01	C	04/02/2025 11:55:38	3.9981E+01	C
04/02/2025 11:57:38	4.0120E+01	C	04/02/2025 11:59:38	4.0279E+01	C
04/02/2025 12:01:38	4.0360E+01	C	04/02/2025 12:03:38	4.0381E+01	C
04/02/2025 12:05:38	4.0406E+01	C	04/02/2025 12:07:38	4.0284E+01	C
04/02/2025 12:09:38	4.0601E+01	C	04/02/2025 12:11:38	4.0434E+01	C
04/02/2025 12:13:38	4.0563E+01	C	04/02/2025 12:15:38	4.0465E+01	C
04/02/2025 12:17:38	4.0411E+01	C	04/02/2025 12:19:38	4.0805E+01	C
04/02/2025 12:21:38	4.0844E+01	C	04/02/2025 12:23:38	4.1101E+01	C
04/02/2025 12:25:38	4.1019E+01	C	04/02/2025 12:27:38	4.1062E+01	C
04/02/2025 12:29:38	4.0836E+01	C	04/02/2025 12:31:38	4.0868E+01	C
04/02/2025 12:33:38	4.0886E+01	C	04/02/2025 12:35:38	4.0804E+01	C
04/02/2025 12:37:38	4.0884E+01	C	04/02/2025 12:39:38	4.0864E+01	C
04/02/2025 12:41:38	4.1013E+01	C	04/02/2025 12:43:38	4.0960E+01	C
04/02/2025 12:45:38	4.1001E+01	C	04/02/2025 12:47:38	4.0890E+01	C
04/02/2025 12:49:38	4.1010E+01	C	04/02/2025 12:51:38	4.1325E+01	C
04/02/2025 12:53:38	4.1197E+01	C	04/02/2025 12:55:38	4.1121E+01	C
04/02/2025 12:57:38	3.9815E+01	C	04/02/2025 12:59:38	3.9342E+01	C
04/02/2025 13:01:38	3.9231E+01	C	04/02/2025 13:03:38	3.9211E+01	C
04/02/2025 13:05:38	3.9155E+01	C	04/02/2025 13:07:38	3.8963E+01	C
04/02/2025 13:09:38	3.9195E+01	C	04/02/2025 13:11:38	3.9230E+01	C
04/02/2025 13:13:38	3.9265E+01	C	04/02/2025 13:15:38	3.8922E+01	C
04/02/2025 13:17:38	3.9173E+01	C	04/02/2025 13:19:38	3.9064E+01	C

Parameter PC81RH from 04/02/2025 11:21:38 to 04/02/2025 13:19:38
Chamber PC81 Relative Humidity

60 samples	0 have no data	0 out-of-limits
average = 4.0211E+01	standard deviation = 6.6807E-01	
minimum = 3.8922E+01	maximum = 4.1325E+01	
% OOL = 0.0000E+00	coef. of variation = 1.6614E+00	
min % diff = -2.6960E+00	max % diff = 3.3132E+00	
mean % diff = 5.2849E-01		

MASKOFF SUBJ# T2 - PC81RH (Relative Humidity)
04/02/2025 11:21:38 04/02/2025 13:19:38



Mnemonic PLENCO

from 04/02/2025 11:21:36 to 04/02/2025 13:19:36

04/02/2025 11:21:36	9.7722E-02	04/02/2025 11:23:36	9.3675E-02
04/02/2025 11:25:36	1.2285E-01	04/02/2025 11:27:36	1.3311E-01
04/02/2025 11:29:36	1.4803E-01	04/02/2025 11:31:36	1.2889E-01
04/02/2025 11:33:36	1.1521E-01	04/02/2025 11:35:36	1.1270E-01
04/02/2025 11:37:36	1.1769E-01	04/02/2025 11:39:36	1.2466E-01
04/02/2025 11:41:36	1.0219E-01	04/02/2025 11:43:36	1.2391E-01
04/02/2025 11:45:36	1.3225E-01	04/02/2025 11:47:36	1.3014E-01
04/02/2025 11:49:36	1.0862E-01	04/02/2025 11:51:36	1.1812E-01
04/02/2025 11:53:36	1.1126E-01	04/02/2025 11:55:36	1.2306E-01
04/02/2025 11:57:36	1.2787E-01	04/02/2025 11:59:36	1.1860E-01
04/02/2025 12:01:36	1.3112E-01	04/02/2025 12:03:36	1.1478E-01
04/02/2025 12:05:36	1.1421E-01	04/02/2025 12:07:36	9.7776E-02
04/02/2025 12:09:36	1.3119E-01	04/02/2025 12:11:36	1.1957E-01
04/02/2025 12:13:36	1.0476E-01	04/02/2025 12:15:36	1.1224E-01
04/02/2025 12:17:36	1.1871E-01	04/02/2025 12:19:36	1.3183E-01
04/02/2025 12:21:36	1.1477E-01	04/02/2025 12:23:36	1.0712E-01
04/02/2025 12:25:36	1.0494E-01	04/02/2025 12:27:36	1.1485E-01
04/02/2025 12:29:36	1.0011E-01	04/02/2025 12:31:36	9.2456E-02
04/02/2025 12:33:36	1.0542E-01	04/02/2025 12:35:36	1.1181E-01
04/02/2025 12:37:36	1.2679E-01	04/02/2025 12:39:36	1.1501E-01
04/02/2025 12:41:36	9.8172E-02	04/02/2025 12:43:36	1.2937E-01
04/02/2025 12:45:36	1.0710E-01	04/02/2025 12:47:36	9.7030E-02
04/02/2025 12:49:36	1.2367E-01	04/02/2025 12:51:36	1.3392E-01
04/02/2025 12:53:36	6.1466E-02	04/02/2025 12:55:36	1.2373E-01
04/02/2025 12:57:36	1.3503E-01	04/02/2025 12:59:36	1.3776E-01
04/02/2025 13:01:36	1.1790E-01	04/02/2025 13:03:36	1.3194E-01
04/02/2025 13:05:36	1.0830E-01	04/02/2025 13:07:36	1.3086E-01
04/02/2025 13:09:36	1.3053E-01	04/02/2025 13:11:36	1.2846E-01
04/02/2025 13:13:36	1.0421E-01	04/02/2025 13:15:36	1.3913E-01
04/02/2025 13:17:36	1.3041E-01	04/02/2025 13:19:36	1.0667E-01

Mnemonic PLENCO

from 04/02/2025 11:21:36 to 04/02/2025 13:19:36

60 samples	0 have no data	0 out-of-limits
average = 1.1726E-01	standard deviation =	1.4774E-02
minimum = 6.1466E-02	maximum =	1.4803E-01

Mnemonic PLENNO

from 04/02/2025 11:21:36 to 04/02/2025 13:19:36

04/02/2025 11:21:36	2.7963E-03	04/02/2025 11:23:36	2.7331E-03
04/02/2025 11:25:36	2.7522E-03	04/02/2025 11:27:36	2.7396E-03
04/02/2025 11:29:36	2.7218E-03	04/02/2025 11:31:36	2.6035E-03
04/02/2025 11:33:36	2.6080E-03	04/02/2025 11:35:36	2.6836E-03
04/02/2025 11:37:36	2.7716E-03	04/02/2025 11:39:36	2.6706E-03
04/02/2025 11:41:36	2.5965E-03	04/02/2025 11:43:36	2.7168E-03
04/02/2025 11:45:36	2.8264E-03	04/02/2025 11:47:36	2.3512E-03
04/02/2025 11:49:36	2.6311E-03	04/02/2025 11:51:36	2.7597E-03
04/02/2025 11:53:36	2.6851E-03	04/02/2025 11:55:36	2.7087E-03
04/02/2025 11:57:36	2.7082E-03	04/02/2025 11:59:36	2.7146E-03
04/02/2025 12:01:36	2.6181E-03	04/02/2025 12:03:36	2.6157E-03
04/02/2025 12:05:36	2.6026E-03	04/02/2025 12:07:36	2.7765E-03
04/02/2025 12:09:36	2.8466E-03	04/02/2025 12:11:36	2.7562E-03
04/02/2025 12:13:36	2.6257E-03	04/02/2025 12:15:36	2.7884E-03
04/02/2025 12:17:36	2.6591E-03	04/02/2025 12:19:36	2.6034E-03
04/02/2025 12:21:36	2.6712E-03	04/02/2025 12:23:36	2.7045E-03
04/02/2025 12:25:36	2.7742E-03	04/02/2025 12:27:36	2.7895E-03
04/02/2025 12:29:36	2.6644E-03	04/02/2025 12:31:36	2.5071E-03
04/02/2025 12:33:36	2.6709E-03	04/02/2025 12:35:36	2.5894E-03
04/02/2025 12:37:36	2.6502E-03	04/02/2025 12:39:36	2.6182E-03
04/02/2025 12:41:36	2.6400E-03	04/02/2025 12:43:36	2.6683E-03
04/02/2025 12:45:36	2.6899E-03	04/02/2025 12:47:36	2.6745E-03
04/02/2025 12:49:36	2.7309E-03	04/02/2025 12:51:36	2.7661E-03
04/02/2025 12:53:36	2.5978E-03	04/02/2025 12:55:36	2.9090E-03
04/02/2025 12:57:36	2.9079E-03	04/02/2025 12:59:36	2.7070E-03
04/02/2025 13:01:36	2.7949E-03	04/02/2025 13:03:36	2.7496E-03
04/02/2025 13:05:36	2.7463E-03	04/02/2025 13:07:36	2.5802E-03
04/02/2025 13:09:36	2.6208E-03	04/02/2025 13:11:36	2.4480E-03
04/02/2025 13:13:36	2.7257E-03	04/02/2025 13:15:36	2.7511E-03
04/02/2025 13:17:36	2.7503E-03	04/02/2025 13:19:36	2.6895E-03

Mnemonic PLENNO

from 04/02/2025 11:21:36 to 04/02/2025 13:19:36

60 samples	0 have no data	0 out-of-limits
average = 2.6910E-03	standard deviation =	9.7146E-05
minimum = 2.3512E-03	maximum =	2.9090E-03

Mnemonic PLENOZ

from 04/02/2025 11:21:36 to 04/02/2025 13:19:36

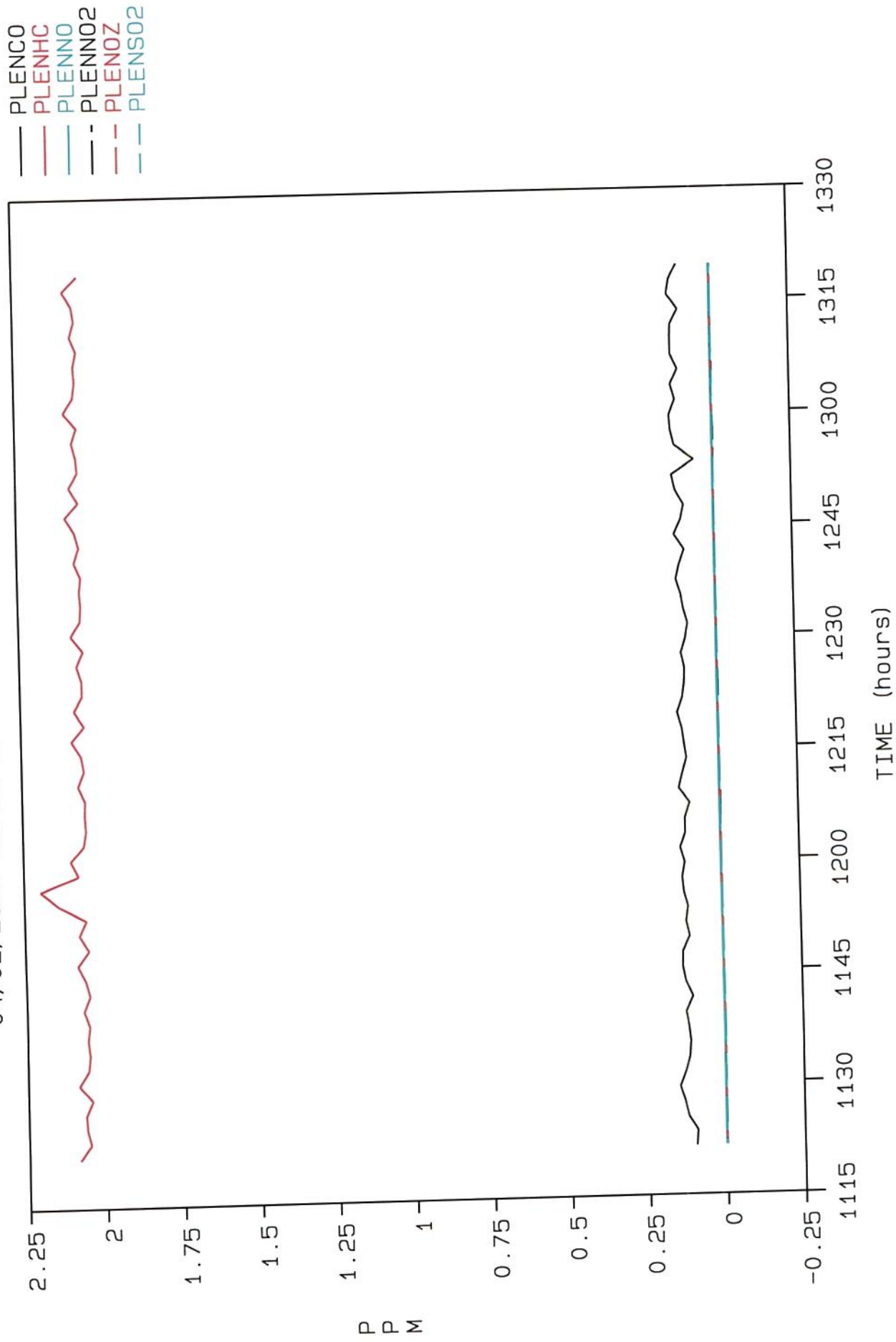
04/02/2025 11:21:36	3.8155E-04	04/02/2025 11:23:36	2.8898E-04
04/02/2025 11:25:36	2.6094E-04	04/02/2025 11:27:36	2.9802E-04
04/02/2025 11:29:36	1.9353E-04	04/02/2025 11:31:36	2.0780E-04
04/02/2025 11:33:36	3.3641E-04	04/02/2025 11:35:36	1.8602E-04
04/02/2025 11:37:36	2.4910E-04	04/02/2025 11:39:36	3.6764E-04
04/02/2025 11:41:36	3.7650E-04	04/02/2025 11:43:36	3.6723E-04
04/02/2025 11:45:36	2.8879E-04	04/02/2025 11:47:36	2.4910E-04
04/02/2025 11:49:36	1.8769E-04	04/02/2025 11:51:36	4.1116E-04
04/02/2025 11:53:36	4.1277E-04	04/02/2025 11:55:36	2.3212E-04
04/02/2025 11:57:36	3.5829E-04	04/02/2025 11:59:36	1.2735E-04
04/02/2025 12:01:36	3.6420E-04	04/02/2025 12:03:36	2.5559E-04
04/02/2025 12:05:36	4.7126E-04	04/02/2025 12:07:36	2.5882E-04
04/02/2025 12:09:36	2.8949E-04	04/02/2025 12:11:36	3.5875E-04
04/02/2025 12:13:36	3.2473E-04	04/02/2025 12:15:36	4.0351E-04
04/02/2025 12:17:36	2.9956E-04	04/02/2025 12:19:36	2.8843E-04
04/02/2025 12:21:36	3.1421E-04	04/02/2025 12:23:36	4.9953E-04
04/02/2025 12:25:36	1.3077E-04	04/02/2025 12:27:36	2.0139E-04
04/02/2025 12:29:36	3.5069E-04	04/02/2025 12:31:36	2.7185E-04
04/02/2025 12:33:36	3.0137E-04	04/02/2025 12:35:36	2.6234E-04
04/02/2025 12:37:36	2.8516E-04	04/02/2025 12:39:36	3.8046E-04
04/02/2025 12:41:36	3.5398E-04	04/02/2025 12:43:36	4.2651E-04
04/02/2025 12:45:36	3.3378E-04	04/02/2025 12:47:36	3.8741E-04
04/02/2025 12:49:36	2.3927E-04	04/02/2025 12:51:36	2.4999E-04
04/02/2025 12:53:36	2.3071E-04	04/02/2025 12:55:36	1.5993E-04
04/02/2025 12:57:36	4.1340E-04	04/02/2025 12:59:36	2.4811E-04
04/02/2025 13:01:36	2.9960E-04	04/02/2025 13:03:36	2.1939E-04
04/02/2025 13:05:36	3.3453E-04	04/02/2025 13:07:36	4.8269E-04
04/02/2025 13:09:36	1.9455E-04	04/02/2025 13:11:36	2.7088E-04
04/02/2025 13:13:36	3.6737E-04	04/02/2025 13:15:36	4.4756E-04
04/02/2025 13:17:36	2.9359E-04	04/02/2025 13:19:36	3.7991E-04

Mnemonic PLENOZ

from 04/02/2025 11:21:36 to 04/02/2025 13:19:36

60 samples	0 have no data	0 out-of-limits
average = 3.0710E-04	standard deviation =	8.6044E-05
minimum = 1.2735E-04	maximum =	4.9953E-04

PLENCO, PLENHC, PLENN0, PLENN02, PLENOZ, PLENS02
04/02/2025 11: 21: 36 04/02/2025 13: 19: 36



Generic Exposure Error Prevention Checklist

Date 4-1-25 Study ID PC81 acceptance PCS Operator Brooks

Day Before:

- ☒ Any required gas analyzers are calibrated
- ☒ The logging printer is turned on and working correctly

Before Subject Entry

- ☒ The logging printer is turned on and working correctly
- ☒ Subject number cross-checks versus nurse's station schedule
- ☒ In-progress or planned system maintenance or audits will not interfere with exposure
- ☒ Alert Watchdog enabled
- ☒ Configured exposure profile is correct
- ☒ Exposure profile includes "sham" duration if required for automatic termination
- ☒ Clean air profile is correct
- ☒ Clean air sham/non-sham in profile is correct
- ☒ Environmental parameters configured as required
- ☒ Chamber RH and Temperature values reasonable if not controlled
- ☒ All analyzers configured as required
- ☒ Reasonable values on MONITOR PARAMETER command display for the exposure chamber
- ☒ Utilized subsystems not in maintenance on MONITOR CONFIGURATION or MONITOR CONFIGURATION/SECOND command displays
- ☒ No outstanding non-spurious alerts on utilized channels
- ☒ Controlling variable value is consistent with previous records
- ☒ Alert Audible enabled
- ☐ Conformance enabled for all parameters
- ☐ No parameters are in testing mode

After Subject Entry

- ☒ For shams, check sham base time using SHOW PROFILE command
- ☐ Conformance enabled for all parameters
- ☐ No outstanding non-spurious alerts on utilized channels
- ☒ Exposure logbook main entry (including the date) is correct
- ☒ Exposure logbook column entry (including the date) is correct
- ☒ Correct dose column used in exposure logbook entry

Signature indicates that all required checks were completed:

Generic Aerosol Exposure Error Prevention Checklist

Morning of Day Before:

- ☒ STATUS = OK or Normal for all TEOMs
- ☒ Filter loading < 69% minus estimated exposure loading for all TEOMs
- ☒ Noise < 0.1 for all TEOMs
- ☒ Frequency between 200 and 400 for all TEOMs
- ☒ TEOM sample lines connected

Before Subject Entry:

- ☒ All 3080 electrostatic classifier sheath flows = 3 LPM
- ☒ All 3080 electrostatic classifier sheath flow lights not blinking
- ☒ All 3080 electrostatic classifiers are in analog control mode
- ☒ All 3082 electrostatic classifiers only have a LOW AEROSOL FLOW error
- ☒ All electrostatic classifier sample lines connected
- ☒ All DustTrak power supplies have green light illuminated
- ☒ All DustTrak red Stop button and green Flow, Laser, and Filter status lights are illuminated
- ☒ All DustTrak run modes are in SURVEY
- ☒ All DustTrak sample lines connected
- ☒ Status bar at top of display is green and indicates OK status for 3775 CPCs
- ☒ Symbol in upper right corner of screen is blue for 3752 CPCs
- ☒ Butanol bottle levels feeding to CPCs are within limits displayed on bottle
- ☒ All CPC sample lines connected
- ☒ Filter color codes are correct
- ☒ Filter lines are connected to the correct filter holders
- ☒ Quartz filter is installed as required
- ☒ Valve behind the quartz filter open when filter is installed
- ☒ Aerosol Data Form entries correct
- ☒ Accumulator pseudo-analyzers are configured as required
- ☒ Reasonable distribution display from REPORT DISTRIBUTION/TREND/COUNT /CORRECTED command
- ☒ No upturned right tail on display from REPORT DISTRIBUTION/TREND/COUNT /CORRECTED command
- ☒ Chamber's CCON parameter reading below 2000 for clean air exposure
- ☒ All required plenum analyzers are configured
- ☒ Plenum manifold fan is on when plenum analyzers are required
- ☒ HEL audible alerts are enabled when plenum analyzers are required
- ☒ HEL non-spurious alerts are reset when plenum analyzers are required
- ☒ HES audible alerts are enabled when HES chambers are being used

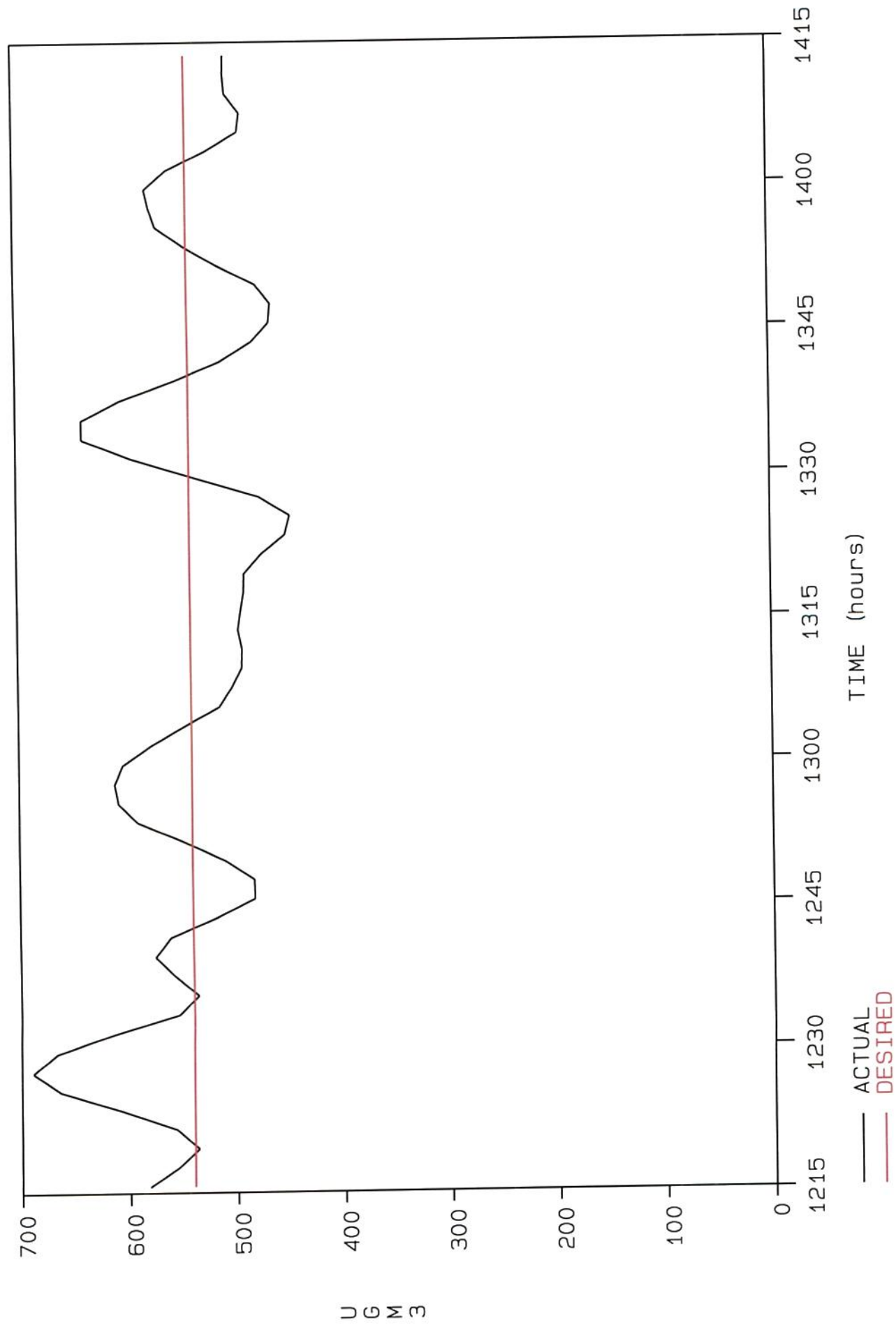
Parameter PC81TWO0 from 04/01/2025 12:15:38 to 04/01/2025 14:13:38
Chamber PC81 Teom Conc. for Wood Smoke

04/01/2025 12:15:38	5.8163E+02	C	04/01/2025 12:17:38	5.5568E+02	C
04/01/2025 12:19:38	5.3619E+02	C	04/01/2025 12:21:38	5.5667E+02	C
04/01/2025 12:23:38	6.0706E+02	C	04/01/2025 12:25:38	6.6413E+02	C
04/01/2025 12:27:38	6.8950E+02	C	04/01/2025 12:29:38	6.6701E+02	C
04/01/2025 12:31:38	6.1454E+02	C	04/01/2025 12:33:38	5.5392E+02	C
04/01/2025 12:35:38	5.3577E+02	C	04/01/2025 12:37:38	5.5707E+02	C
04/01/2025 12:39:38	5.7523E+02	C	04/01/2025 12:41:38	5.6066E+02	C
04/01/2025 12:43:38	5.1810E+02	C	04/01/2025 12:45:38	4.8210E+02	C
04/01/2025 12:47:38	4.8282E+02	C	04/01/2025 12:49:38	5.0977E+02	C
04/01/2025 12:51:38	5.4811E+02	C	04/01/2025 12:53:38	5.9022E+02	C
04/01/2025 12:55:38	6.0810E+02	C	04/01/2025 12:57:38	6.1169E+02	C
04/01/2025 12:59:38	6.0402E+02	C	04/01/2025 13:01:38	5.7717E+02	C
04/01/2025 13:03:38	5.4635E+02	C	04/01/2025 13:05:38	5.1390E+02	C
04/01/2025 13:07:38	5.0195E+02	C	04/01/2025 13:09:38	4.9231E+02	C
04/01/2025 13:11:38	4.9175E+02	C	04/01/2025 13:13:38	4.9561E+02	C
04/01/2025 13:15:38	4.9288E+02	C	04/01/2025 13:17:38	4.8999E+02	C
04/01/2025 13:19:38	4.8922E+02	C	04/01/2025 13:21:38	4.7310E+02	C
04/01/2025 13:23:38	4.5086E+02	C	04/01/2025 13:25:38	4.4644E+02	C
04/01/2025 13:27:38	4.7493E+02	C	04/01/2025 13:29:38	5.3422E+02	C
04/01/2025 13:31:38	5.9386E+02	C	04/01/2025 13:33:38	6.3902E+02	C
04/01/2025 13:35:38	6.3899E+02	C	04/01/2025 13:37:38	6.0383E+02	C
04/01/2025 13:39:38	5.5395E+02	C	04/01/2025 13:41:38	5.1006E+02	C
04/01/2025 13:43:38	4.8035E+02	C	04/01/2025 13:45:38	4.6399E+02	C
04/01/2025 13:47:38	4.6236E+02	C	04/01/2025 13:49:38	4.7630E+02	C
04/01/2025 13:51:38	5.1230E+02	C	04/01/2025 13:53:38	5.4244E+02	C
04/01/2025 13:55:38	5.6786E+02	C	04/01/2025 13:57:38	5.7368E+02	C
04/01/2025 13:59:38	5.7768E+02	C	04/01/2025 14:01:38	5.5718E+02	C
04/01/2025 14:03:38	5.2057E+02	C	04/01/2025 14:05:38	4.9110E+02	C
04/01/2025 14:07:38	4.8881E+02	C	04/01/2025 14:09:38	5.0203E+02	C
04/01/2025 14:11:38	5.0358E+02	C	04/01/2025 14:13:38	5.0327E+02	C

Parameter PC81TWO0 from 04/01/2025 12:15:38 to 04/01/2025 14:13:38
Chamber PC81 Teom Conc. for Wood Smoke

60 samples	0 have no data	0 out-of-limits
average = 5.4073E+02	standard deviation = 5.7739E+01	
minimum = 4.4644E+02	maximum = 6.8950E+02	
% OOL = 0.0000E+00	coef. of variation = 1.0678E+01	
min % diff = -1.7326E+01	max % diff = 2.7685E+01	
mean % diff = 1.3541E-01		

MASKON SUBJ# T1 - PC81TW00 (Team Conc. for Wood Smoke)
04/01/2025 12: 15: 38 04/01/2025 14: 13: 38



Parameter PC81MWOO from 04/01/2025 12:15:38 to 04/01/2025 14:13:38
 Chamber PC81 DustTrak Conc. for Wood Smoke

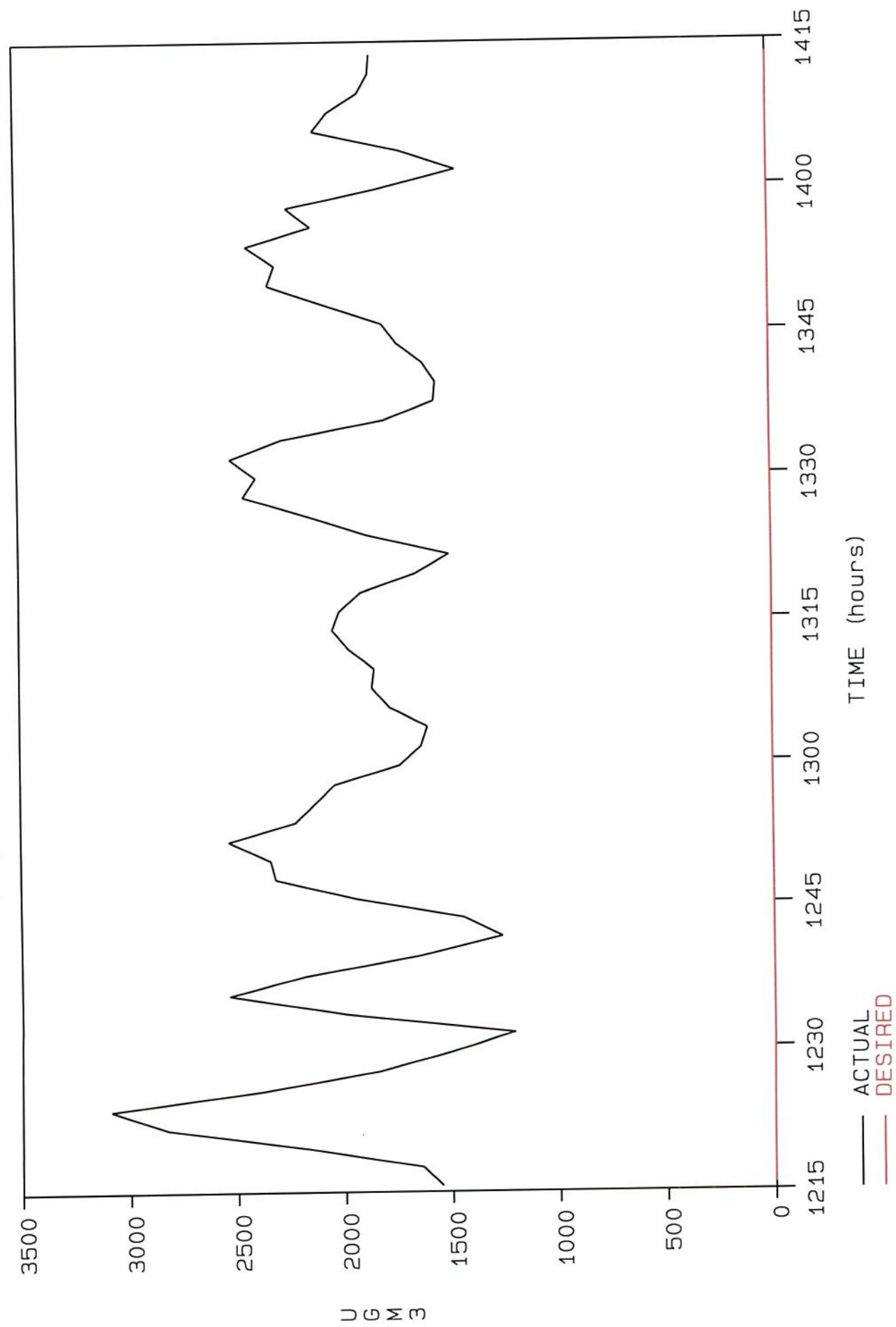
04/01/2025 12:15:38	1.5467E+03	04/01/2025 12:17:38	1.6404E+03
04/01/2025 12:19:38	2.1717E+03	04/01/2025 12:21:38	2.8246E+03
04/01/2025 12:23:38	3.0892E+03	04/01/2025 12:25:38	2.3783E+03
04/01/2025 12:27:38	1.8421E+03	04/01/2025 12:29:38	1.4996E+03
04/01/2025 12:31:38	1.2067E+03	04/01/2025 12:33:38	1.9908E+03
04/01/2025 12:35:38	2.5396E+03	04/01/2025 12:37:38	2.1833E+03
04/01/2025 12:39:38	1.6575E+03	04/01/2025 12:41:38	1.2629E+03
04/01/2025 12:43:38	1.4433E+03	04/01/2025 12:45:38	1.9429E+03
04/01/2025 12:47:38	2.3175E+03	04/01/2025 12:49:38	2.3404E+03
04/01/2025 12:51:38	2.5342E+03	04/01/2025 12:53:38	2.2225E+03
04/01/2025 12:55:38	2.1271E+03	04/01/2025 12:57:38	2.0375E+03
04/01/2025 12:59:38	1.7333E+03	04/01/2025 13:01:38	1.6321E+03
04/01/2025 13:03:38	1.6021E+03	04/01/2025 13:05:38	1.7771E+03
04/01/2025 13:07:38	1.8608E+03	04/01/2025 13:09:38	1.8483E+03
04/01/2025 13:11:38	1.9679E+03	04/01/2025 13:13:38	2.0433E+03
04/01/2025 13:15:38	2.0108E+03	04/01/2025 13:17:38	1.9113E+03
04/01/2025 13:19:38	1.6542E+03	04/01/2025 13:21:38	1.4958E+03
04/01/2025 13:23:38	1.8808E+03	04/01/2025 13:25:38	2.1568E+03
04/01/2025 13:27:38	2.4529E+03	04/01/2025 13:29:38	2.3933E+03
04/01/2025 13:31:38	2.5117E+03	04/01/2025 13:33:38	2.2717E+03
04/01/2025 13:35:38	1.7917E+03	04/01/2025 13:37:38	1.5592E+03
04/01/2025 13:39:38	1.5500E+03	04/01/2025 13:41:38	1.6117E+03
04/01/2025 13:43:38	1.7292E+03	04/01/2025 13:45:38	1.7971E+03
04/01/2025 13:47:38	2.0667E+03	04/01/2025 13:49:38	2.3292E+03
04/01/2025 13:51:38	2.2954E+03	04/01/2025 13:53:38	2.4275E+03
04/01/2025 13:55:38	2.1250E+03	04/01/2025 13:57:38	2.2371E+03
04/01/2025 13:59:38	1.8150E+03	04/01/2025 14:01:38	1.4458E+03
04/01/2025 14:03:38	1.7096E+03	04/01/2025 14:05:38	2.1097E+03
04/01/2025 14:07:38	2.0400E+03	04/01/2025 14:09:38	1.8971E+03
04/01/2025 14:11:38	1.8475E+03	04/01/2025 14:13:38	1.8404E+03

Parameter PC81MWOO from 04/01/2025 12:15:38 to 04/01/2025 14:13:38
 Chamber PC81 DustTrak Conc. for Wood Smoke

60 samples	0 have no data	0 out-of-limits
average = 1.9705E+03	standard deviation =	3.7571E+02
minimum = 1.2067E+03	maximum =	3.0892E+03

The desired value was varying, zero, or negative for the requested period

MASKON SUBJ# T1 - PC81MW00 (DustTrak Conc. for Wood Smoke)
04/01/2025 12: 15: 38 04/01/2025 14: 13: 38



Parameter PC81CGM from 04/01/2025 12:15:38 to 04/01/2025 14:13:38
 Chamber PC81 Particle Count Geom. Mean Diam.

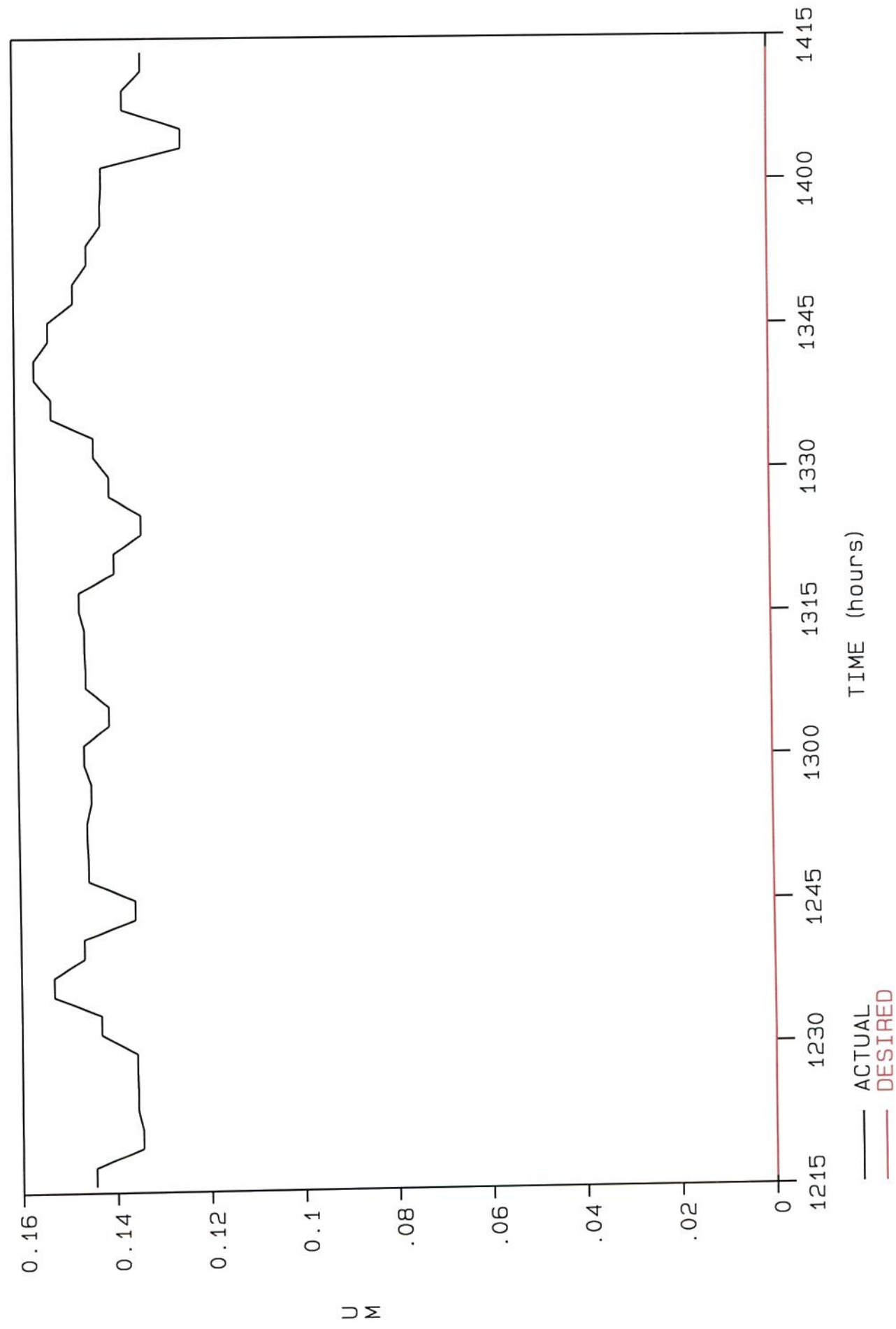
04/01/2025 12:15:38	1.4447E-01	04/01/2025 12:17:38	1.4447E-01
04/01/2025 12:19:38	1.3452E-01	04/01/2025 12:21:38	1.3452E-01
04/01/2025 12:23:38	1.3552E-01	04/01/2025 12:25:38	1.3552E-01
04/01/2025 12:27:38	1.3562E-01	04/01/2025 12:29:38	1.3562E-01
04/01/2025 12:31:38	1.4321E-01	04/01/2025 12:33:38	1.4321E-01
04/01/2025 12:35:38	1.5311E-01	04/01/2025 12:37:38	1.5311E-01
04/01/2025 12:39:38	1.4666E-01	04/01/2025 12:41:38	1.4666E-01
04/01/2025 12:43:38	1.3575E-01	04/01/2025 12:45:38	1.3575E-01
04/01/2025 12:47:38	1.4545E-01	04/01/2025 12:49:38	1.4545E-01
04/01/2025 12:51:38	1.4563E-01	04/01/2025 12:53:38	1.4563E-01
04/01/2025 12:55:38	1.4470E-01	04/01/2025 12:57:38	1.4470E-01
04/01/2025 12:59:38	1.4614E-01	04/01/2025 13:01:38	1.4614E-01
04/01/2025 13:03:38	1.4071E-01	04/01/2025 13:05:38	1.4071E-01
04/01/2025 13:07:38	1.4561E-01	04/01/2025 13:09:38	1.4561E-01
04/01/2025 13:11:38	1.4581E-01	04/01/2025 13:13:38	1.4581E-01
04/01/2025 13:15:38	1.4685E-01	04/01/2025 13:17:38	1.4685E-01
04/01/2025 13:19:38	1.3937E-01	04/01/2025 13:21:38	1.3937E-01
04/01/2025 13:23:38	1.3349E-01	04/01/2025 13:25:38	1.3349E-01
04/01/2025 13:27:38	1.4029E-01	04/01/2025 13:29:38	1.4029E-01
04/01/2025 13:31:38	1.4343E-01	04/01/2025 13:33:38	1.4343E-01
04/01/2025 13:35:38	1.5236E-01	04/01/2025 13:37:38	1.5236E-01
04/01/2025 13:39:38	1.5585E-01	04/01/2025 13:41:38	1.5585E-01
04/01/2025 13:43:38	1.5289E-01	04/01/2025 13:45:38	1.5289E-01
04/01/2025 13:47:38	1.4755E-01	04/01/2025 13:49:38	1.4755E-01
04/01/2025 13:51:38	1.4460E-01	04/01/2025 13:53:38	1.4460E-01
04/01/2025 13:55:38	1.4164E-01	04/01/2025 13:57:38	1.4164E-01
04/01/2025 13:59:38	1.4139E-01	04/01/2025 14:01:38	1.4139E-01
04/01/2025 14:03:38	1.2448E-01	04/01/2025 14:05:38	1.2448E-01
04/01/2025 14:07:38	1.3684E-01	04/01/2025 14:09:38	1.3684E-01
04/01/2025 14:11:38	1.3282E-01	04/01/2025 14:13:38	1.3282E-01

Parameter PC81CGM from 04/01/2025 12:15:38 to 04/01/2025 14:13:38
 Chamber PC81 Particle Count Geom. Mean Diam.

60 samples	0 have no data	0 out-of-limits
average = 1.4256E-01	standard deviation =	6.8421E-03
minimum = 1.2448E-01	maximum =	1.5585E-01

The desired value was varying, zero, or negative for the requested period

MASKON SUBJ# T1 - PC81CGM (Particle Count Geom. Mean Diam.)
04/01/2025 12: 15: 38 04/01/2025 14: 13: 38



Parameter PC81CCON from 04/01/2025 12:15:38 to 04/01/2025 14:13:38
Chamber PC81 CPC Concentration

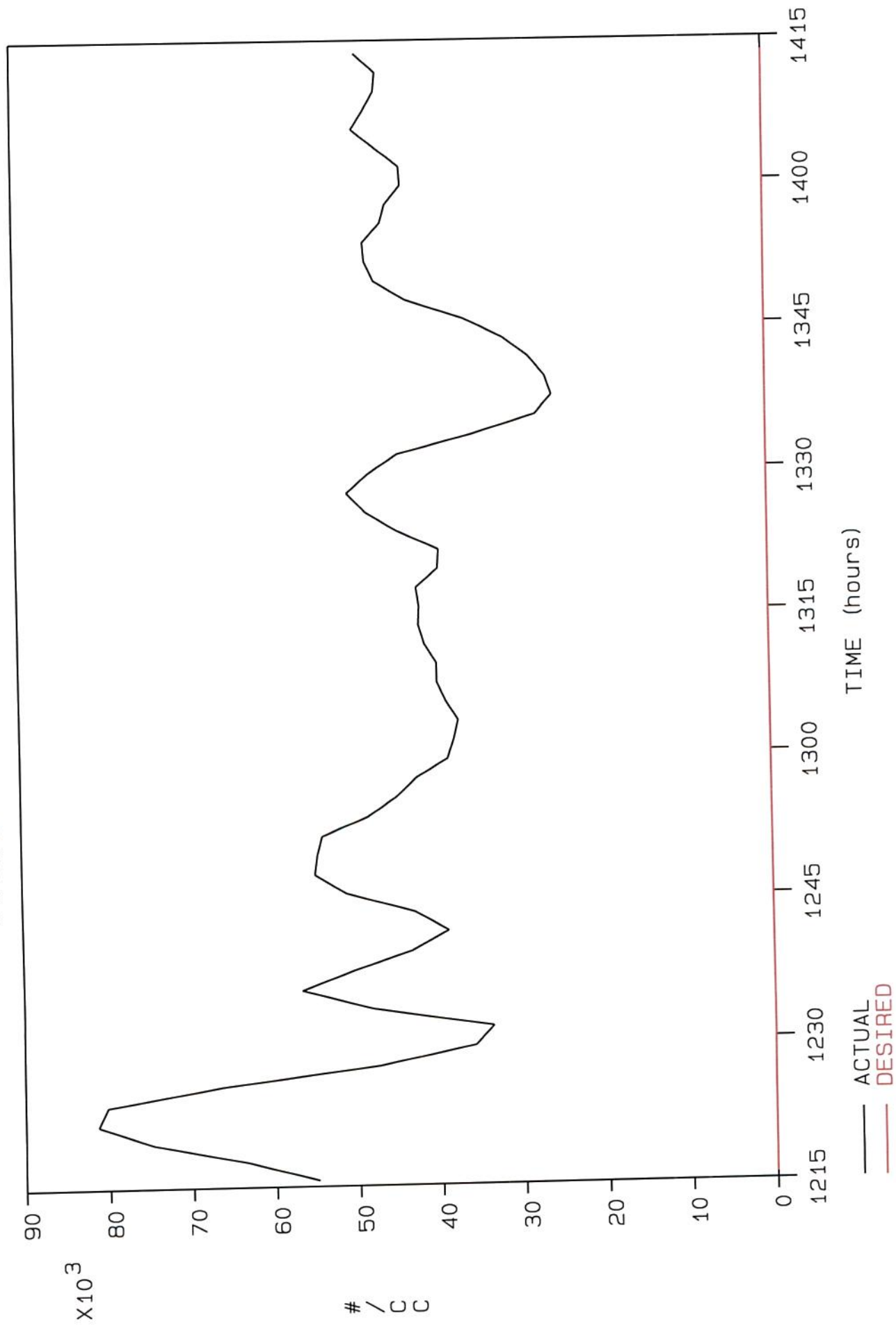
04/01/2025 12:15:38	5.4929E+04	04/01/2025 12:17:38	6.3428E+04
04/01/2025 12:19:38	7.4701E+04	04/01/2025 12:21:38	8.1298E+04
04/01/2025 12:23:38	8.0171E+04	04/01/2025 12:25:38	6.6408E+04
04/01/2025 12:27:38	4.7341E+04	04/01/2025 12:29:38	3.5859E+04
04/01/2025 12:31:38	3.3726E+04	04/01/2025 12:33:38	4.8233E+04
04/01/2025 12:35:38	5.6681E+04	04/01/2025 12:37:38	5.0402E+04
04/01/2025 12:39:38	4.3381E+04	04/01/2025 12:41:38	3.8910E+04
04/01/2025 12:43:38	4.2942E+04	04/01/2025 12:45:38	5.1172E+04
04/01/2025 12:47:38	5.4884E+04	04/01/2025 12:49:38	5.4576E+04
04/01/2025 12:51:38	5.3928E+04	04/01/2025 12:53:38	4.8390E+04
04/01/2025 12:55:38	4.4977E+04	04/01/2025 12:57:38	4.2527E+04
04/01/2025 12:59:38	3.8695E+04	04/01/2025 13:01:38	3.7879E+04
04/01/2025 13:03:38	3.7327E+04	04/01/2025 13:05:38	3.8784E+04
04/01/2025 13:07:38	3.9839E+04	04/01/2025 13:09:38	3.9828E+04
04/01/2025 13:11:38	4.1237E+04	04/01/2025 13:13:38	4.1907E+04
04/01/2025 13:15:38	4.1806E+04	04/01/2025 13:17:38	4.2111E+04
04/01/2025 13:19:38	3.9490E+04	04/01/2025 13:21:38	3.9359E+04
04/01/2025 13:23:38	4.4355E+04	04/01/2025 13:25:38	4.8046E+04
04/01/2025 13:27:38	5.0294E+04	04/01/2025 13:29:38	4.7688E+04
04/01/2025 13:31:38	4.4152E+04	04/01/2025 13:33:38	3.5111E+04
04/01/2025 13:35:38	2.7534E+04	04/01/2025 13:37:38	2.5501E+04
04/01/2025 13:39:38	2.6333E+04	04/01/2025 13:41:38	2.8260E+04
04/01/2025 13:43:38	3.1352E+04	04/01/2025 13:45:38	3.6004E+04
04/01/2025 13:47:38	4.2966E+04	04/01/2025 13:49:38	4.6694E+04
04/01/2025 13:51:38	4.7793E+04	04/01/2025 13:53:38	4.7968E+04
04/01/2025 13:55:38	4.5851E+04	04/01/2025 13:57:38	4.5240E+04
04/01/2025 13:59:38	4.3354E+04	04/01/2025 14:01:38	4.3521E+04
04/01/2025 14:03:38	4.6370E+04	04/01/2025 14:05:38	4.9169E+04
04/01/2025 14:07:38	4.7725E+04	04/01/2025 14:09:38	4.6448E+04
04/01/2025 14:11:38	4.6226E+04	04/01/2025 14:13:38	4.8747E+04

Parameter PC81CCON from 04/01/2025 12:15:38 to 04/01/2025 14:13:38
Chamber PC81 CPC Concentration

60 samples	0 have no data	0 out-of-limits
average =	4.5664E+04	standard deviation = 1.1056E+04
minimum =	2.5501E+04	maximum = 8.1298E+04

The desired value was varying, zero, or negative for the requested period

MASKON SUBJ# T1 - PC81CCON (CPC Concentration)
04/01/2025 12: 15: 38 04/01/2025 14: 13: 38



Parameter PC81CO from 04/01/2025 12:15:38 to 04/01/2025 14:13:38
 Chamber PC81 Carbon Monoxide

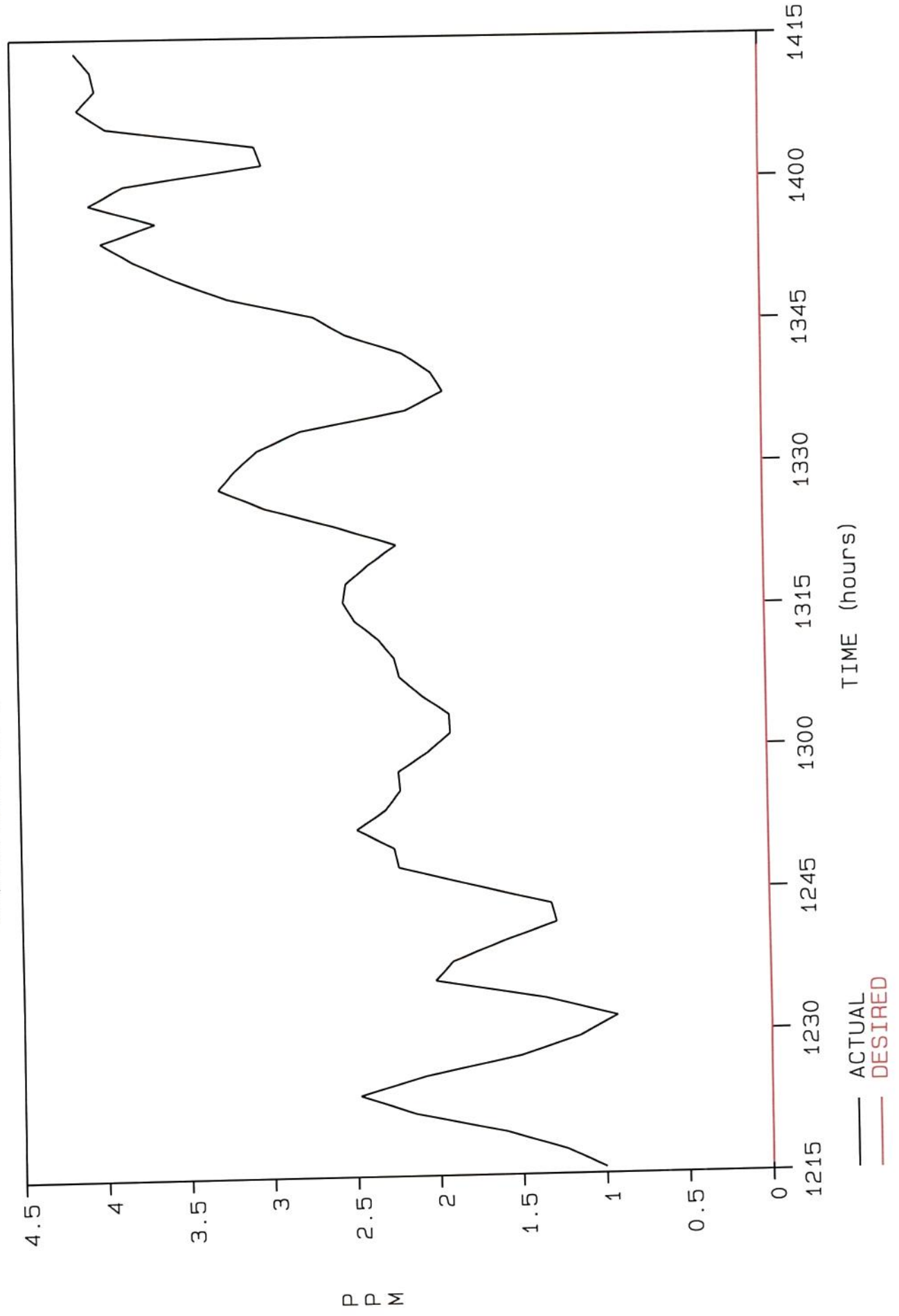
04/01/2025 12:15:38	1.0012E+00	04/01/2025 12:17:38	1.2354E+00
04/01/2025 12:19:38	1.5998E+00	04/01/2025 12:21:38	2.1435E+00
04/01/2025 12:23:38	2.4794E+00	04/01/2025 12:25:38	2.0801E+00
04/01/2025 12:27:38	1.5062E+00	04/01/2025 12:29:38	1.1492E+00
04/01/2025 12:31:38	9.2404E-01	04/01/2025 12:33:38	1.3569E+00
04/01/2025 12:35:38	2.0161E+00	04/01/2025 12:37:38	1.9083E+00
04/01/2025 12:39:38	1.6171E+00	04/01/2025 12:41:38	1.2815E+00
04/01/2025 12:43:38	1.3110E+00	04/01/2025 12:45:38	1.7832E+00
04/01/2025 12:47:38	2.2279E+00	04/01/2025 12:49:38	2.2520E+00
04/01/2025 12:51:38	2.4781E+00	04/01/2025 12:53:38	2.3002E+00
04/01/2025 12:55:38	2.2114E+00	04/01/2025 12:57:38	2.2196E+00
04/01/2025 12:59:38	2.0437E+00	04/01/2025 13:01:38	1.9041E+00
04/01/2025 13:03:38	1.9084E+00	04/01/2025 13:05:38	2.0728E+00
04/01/2025 13:07:38	2.2054E+00	04/01/2025 13:09:38	2.2338E+00
04/01/2025 13:11:38	2.3295E+00	04/01/2025 13:13:38	2.4699E+00
04/01/2025 13:15:38	2.5383E+00	04/01/2025 13:17:38	2.5201E+00
04/01/2025 13:19:38	2.3794E+00	04/01/2025 13:21:38	2.2127E+00
04/01/2025 13:23:38	2.5812E+00	04/01/2025 13:25:38	3.0014E+00
04/01/2025 13:27:38	3.2791E+00	04/01/2025 13:29:38	3.1779E+00
04/01/2025 13:31:38	3.0453E+00	04/01/2025 13:33:38	2.7804E+00
04/01/2025 13:35:38	2.1465E+00	04/01/2025 13:37:38	1.9207E+00
04/01/2025 13:39:38	1.9918E+00	04/01/2025 13:41:38	2.1637E+00
04/01/2025 13:43:38	2.5051E+00	04/01/2025 13:45:38	2.6945E+00
04/01/2025 13:47:38	3.2134E+00	04/01/2025 13:49:38	3.5220E+00
04/01/2025 13:51:38	3.7772E+00	04/01/2025 13:53:38	3.9694E+00
04/01/2025 13:55:38	3.6388E+00	04/01/2025 13:57:38	4.0402E+00
04/01/2025 13:59:38	3.8301E+00	04/01/2025 14:01:38	2.9958E+00
04/01/2025 14:03:38	3.0369E+00	04/01/2025 14:05:38	3.9323E+00
04/01/2025 14:07:38	4.1016E+00	04/01/2025 14:09:38	3.9943E+00
04/01/2025 14:11:38	4.0207E+00	04/01/2025 14:13:38	4.1158E+00

Parameter PC81CO from 04/01/2025 12:15:38 to 04/01/2025 14:13:38
 Chamber PC81 Carbon Monoxide

60 samples	0 have no data	0 out-of-limits
average = 2.4896E+00	standard deviation =	8.6074E-01
minimum = 9.2404E-01	maximum =	4.1158E+00

The desired value was varying, zero, or negative for the requested period

MASKON SUBJ# T1 - PC81C0 (Carbon Monoxide)
04/01/2025 12: 15: 38 04/01/2025 14: 13: 38



Parameter PC81HC from 04/01/2025 12:15:38 to 04/01/2025 14:13:38
 Chamber PC81 Hydrocarbon

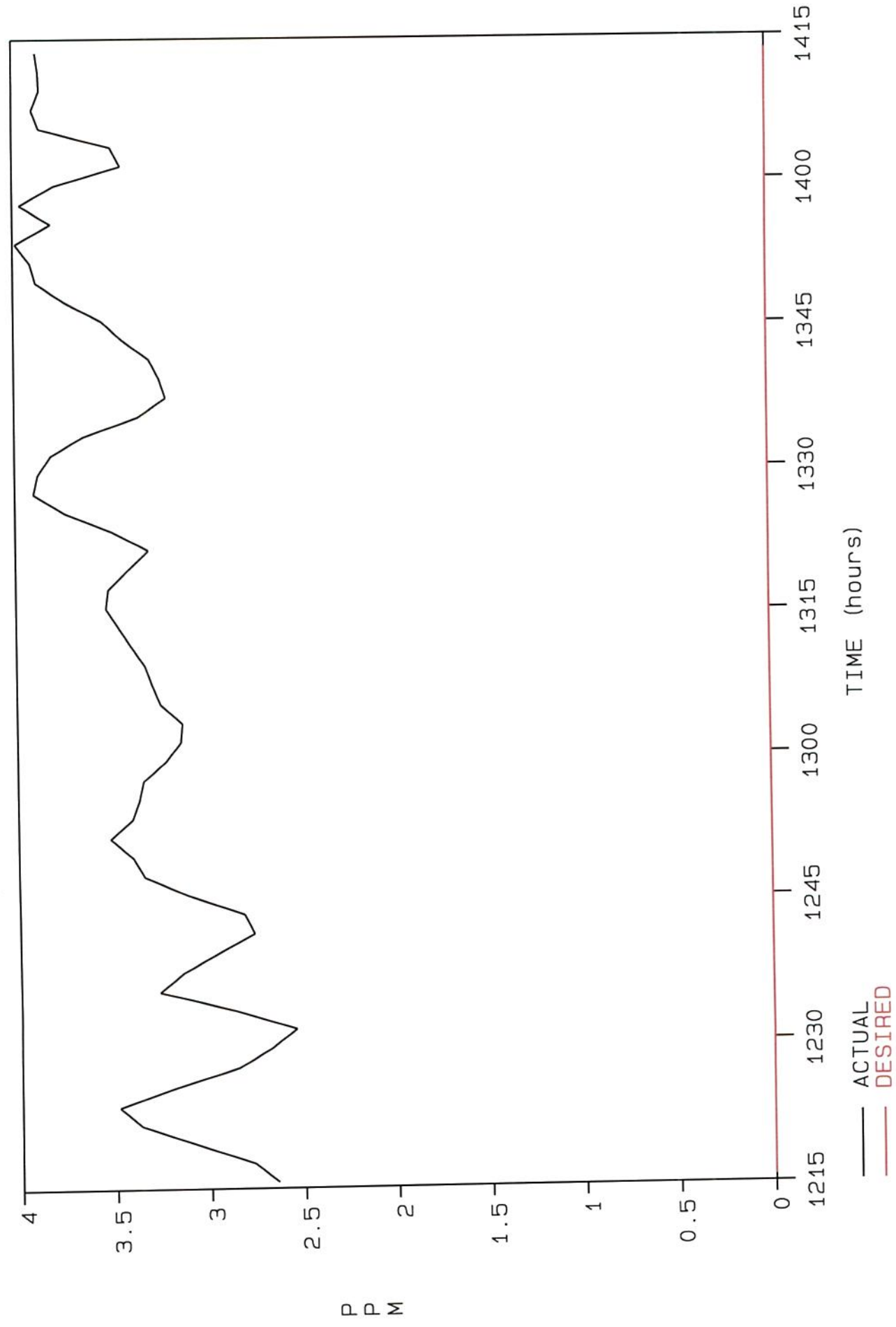
04/01/2025 12:15:38	2.6430E+00	04/01/2025 12:17:38	2.7704E+00
04/01/2025 12:19:38	3.0685E+00	04/01/2025 12:21:38	3.3673E+00
04/01/2025 12:23:38	3.4850E+00	04/01/2025 12:25:38	3.1877E+00
04/01/2025 12:27:38	2.8494E+00	04/01/2025 12:29:38	2.6770E+00
04/01/2025 12:31:38	2.5430E+00	04/01/2025 12:33:38	2.8662E+00
04/01/2025 12:35:38	3.2665E+00	04/01/2025 12:37:38	3.1372E+00
04/01/2025 12:39:38	2.9542E+00	04/01/2025 12:41:38	2.7591E+00
04/01/2025 12:43:38	2.8099E+00	04/01/2025 12:45:38	3.1065E+00
04/01/2025 12:47:38	3.3354E+00	04/01/2025 12:49:38	3.3958E+00
04/01/2025 12:51:38	3.5147E+00	04/01/2025 12:53:38	3.3960E+00
04/01/2025 12:55:38	3.3593E+00	04/01/2025 12:57:38	3.3357E+00
04/01/2025 12:59:38	3.2185E+00	04/01/2025 13:01:38	3.1352E+00
04/01/2025 13:03:38	3.1258E+00	04/01/2025 13:05:38	3.2407E+00
04/01/2025 13:07:38	3.2830E+00	04/01/2025 13:09:38	3.3218E+00
04/01/2025 13:11:38	3.3932E+00	04/01/2025 13:13:38	3.4588E+00
04/01/2025 13:15:38	3.5245E+00	04/01/2025 13:17:38	3.5119E+00
04/01/2025 13:19:38	3.4075E+00	04/01/2025 13:21:38	3.2973E+00
04/01/2025 13:23:38	3.4905E+00	04/01/2025 13:25:38	3.7376E+00
04/01/2025 13:27:38	3.9019E+00	04/01/2025 13:29:38	3.8795E+00
04/01/2025 13:31:38	3.8074E+00	04/01/2025 13:33:38	3.6361E+00
04/01/2025 13:35:38	3.3456E+00	04/01/2025 13:37:38	3.1971E+00
04/01/2025 13:39:38	3.2323E+00	04/01/2025 13:41:38	3.2846E+00
04/01/2025 13:43:38	3.4258E+00	04/01/2025 13:45:38	3.5344E+00
04/01/2025 13:47:38	3.7287E+00	04/01/2025 13:49:38	3.8809E+00
04/01/2025 13:51:38	3.9100E+00	04/01/2025 13:53:38	3.9871E+00
04/01/2025 13:55:38	3.7999E+00	04/01/2025 13:57:38	3.9628E+00
04/01/2025 13:59:38	3.7817E+00	04/01/2025 14:01:38	3.4260E+00
04/01/2025 14:03:38	3.4783E+00	04/01/2025 14:05:38	3.8556E+00
04/01/2025 14:07:38	3.8957E+00	04/01/2025 14:09:38	3.8548E+00
04/01/2025 14:11:38	3.8586E+00	04/01/2025 14:13:38	3.8741E+00

Parameter PC81HC from 04/01/2025 12:15:38 to 04/01/2025 14:13:38
 Chamber PC81 Hydrocarbon

60 samples	0 have no data	0 out-of-limits
average = 3.3919E+00	standard deviation =	3.6805E-01
minimum = 2.5430E+00	maximum =	3.9871E+00

The desired value was varying, zero, or negative for the requested period

MASKON SUBJ# T1 - PC81HC (Hydrocarbon)
04/01/2025 12: 15: 38 04/01/2025 14: 13: 38



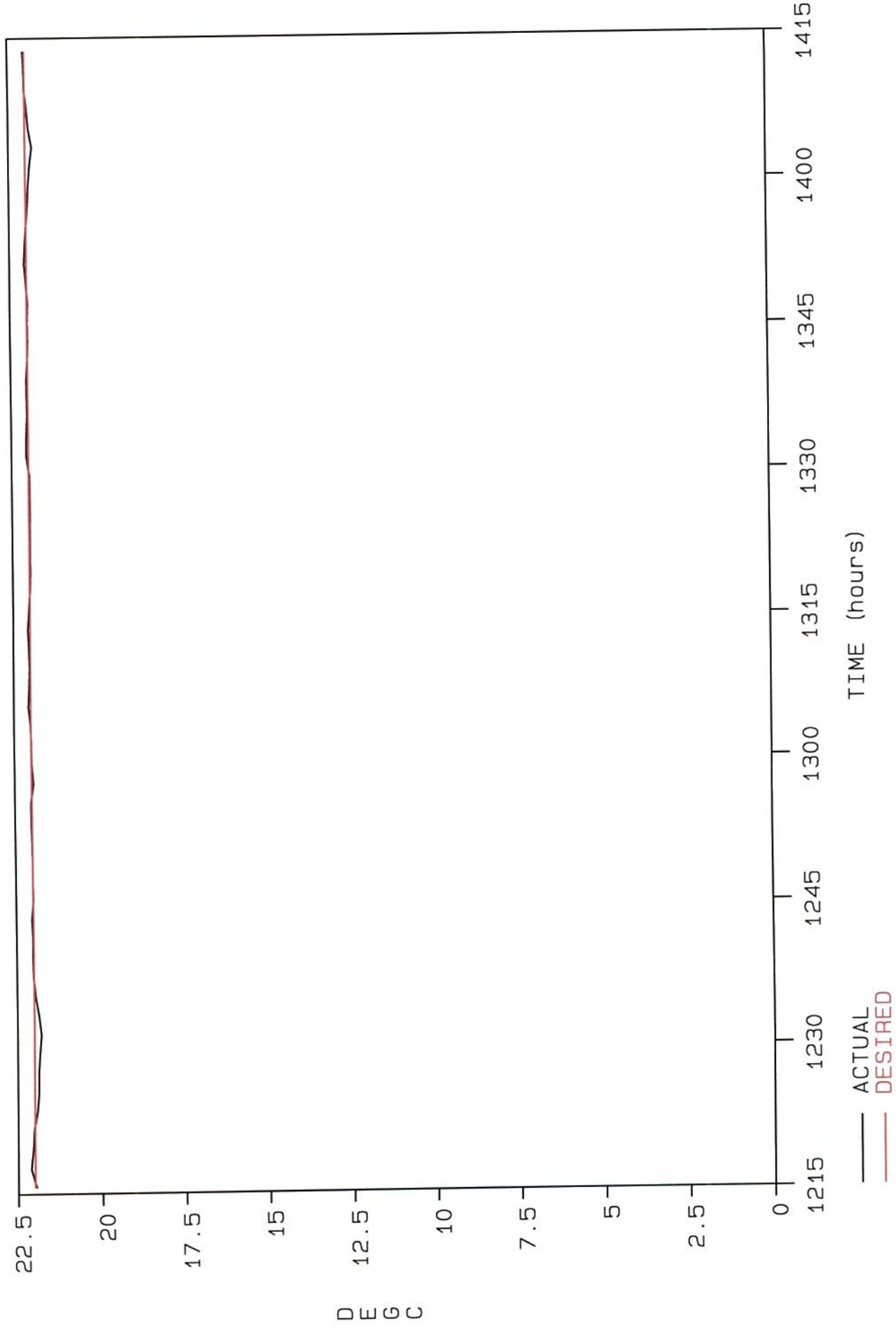
Parameter PC81TMP from 04/01/2025 12:15:38 to 04/01/2025 14:13:38
Chamber PC81 Temperature

04/01/2025 12:15:38	2.1959E+01	C	04/01/2025 12:17:38	2.2118E+01	C
04/01/2025 12:19:38	2.2068E+01	C	04/01/2025 12:21:38	2.2030E+01	C
04/01/2025 12:23:38	2.1925E+01	C	04/01/2025 12:25:38	2.1886E+01	C
04/01/2025 12:27:38	2.1879E+01	C	04/01/2025 12:29:38	2.1847E+01	C
04/01/2025 12:31:38	2.1799E+01	C	04/01/2025 12:33:38	2.1862E+01	C
04/01/2025 12:35:38	2.1954E+01	C	04/01/2025 12:37:38	2.2009E+01	C
04/01/2025 12:39:38	2.2025E+01	C	04/01/2025 12:41:38	2.2020E+01	C
04/01/2025 12:43:38	2.2048E+01	C	04/01/2025 12:45:38	2.1992E+01	C
04/01/2025 12:47:38	2.2004E+01	C	04/01/2025 12:49:38	2.2003E+01	C
04/01/2025 12:51:38	2.2014E+01	C	04/01/2025 12:53:38	2.2030E+01	C
04/01/2025 12:55:38	2.2031E+01	C	04/01/2025 12:57:38	2.1950E+01	C
04/01/2025 12:59:38	2.1992E+01	C	04/01/2025 13:01:38	2.1991E+01	C
04/01/2025 13:03:38	2.2007E+01	C	04/01/2025 13:05:38	2.2075E+01	C
04/01/2025 13:07:38	2.2043E+01	C	04/01/2025 13:09:38	2.2027E+01	C
04/01/2025 13:11:38	2.2044E+01	C	04/01/2025 13:13:38	2.2076E+01	C
04/01/2025 13:15:38	2.2041E+01	C	04/01/2025 13:17:38	2.1993E+01	C
04/01/2025 13:19:38	2.1974E+01	C	04/01/2025 13:21:38	2.1981E+01	C
04/01/2025 13:23:38	2.1986E+01	C	04/01/2025 13:25:38	2.1974E+01	C
04/01/2025 13:27:38	2.1970E+01	C	04/01/2025 13:29:38	2.1979E+01	C
04/01/2025 13:31:38	2.2061E+01	C	04/01/2025 13:33:38	2.2062E+01	C
04/01/2025 13:35:38	2.2036E+01	C	04/01/2025 13:37:38	2.2037E+01	C
04/01/2025 13:39:38	2.2051E+01	C	04/01/2025 13:41:38	2.1998E+01	C
04/01/2025 13:43:38	2.1980E+01	C	04/01/2025 13:45:38	2.1992E+01	C
04/01/2025 13:47:38	2.1972E+01	C	04/01/2025 13:49:38	2.2022E+01	C
04/01/2025 13:51:38	2.2071E+01	C	04/01/2025 13:53:38	2.2043E+01	C
04/01/2025 13:55:38	2.2006E+01	C	04/01/2025 13:57:38	2.1956E+01	C
04/01/2025 13:59:38	2.1925E+01	C	04/01/2025 14:01:38	2.1884E+01	C
04/01/2025 14:03:38	2.1806E+01	C	04/01/2025 14:05:38	2.1907E+01	C
04/01/2025 14:07:38	2.1953E+01	C	04/01/2025 14:09:38	2.2011E+01	C
04/01/2025 14:11:38	2.2016E+01	C	04/01/2025 14:13:38	2.2045E+01	C

Parameter PC81TMP from 04/01/2025 12:15:38 to 04/01/2025 14:13:38
Chamber PC81 Temperature

60 samples	0 have no data	0 out-of-limits
average = 2.1991E+01	standard deviation =	6.5985E-02
minimum = 2.1799E+01	maximum =	2.2118E+01
% OOL = 0.0000E+00	coef. of variation =	3.0006E-01
min % diff = -9.1459E-01	max % diff =	5.3783E-01
mean % diff = -4.2317E-02		

MASKON SUBJ# T1 - PC81TMP (Temperature)
04/01/2025 12:15:38 04/01/2025 14:13:38



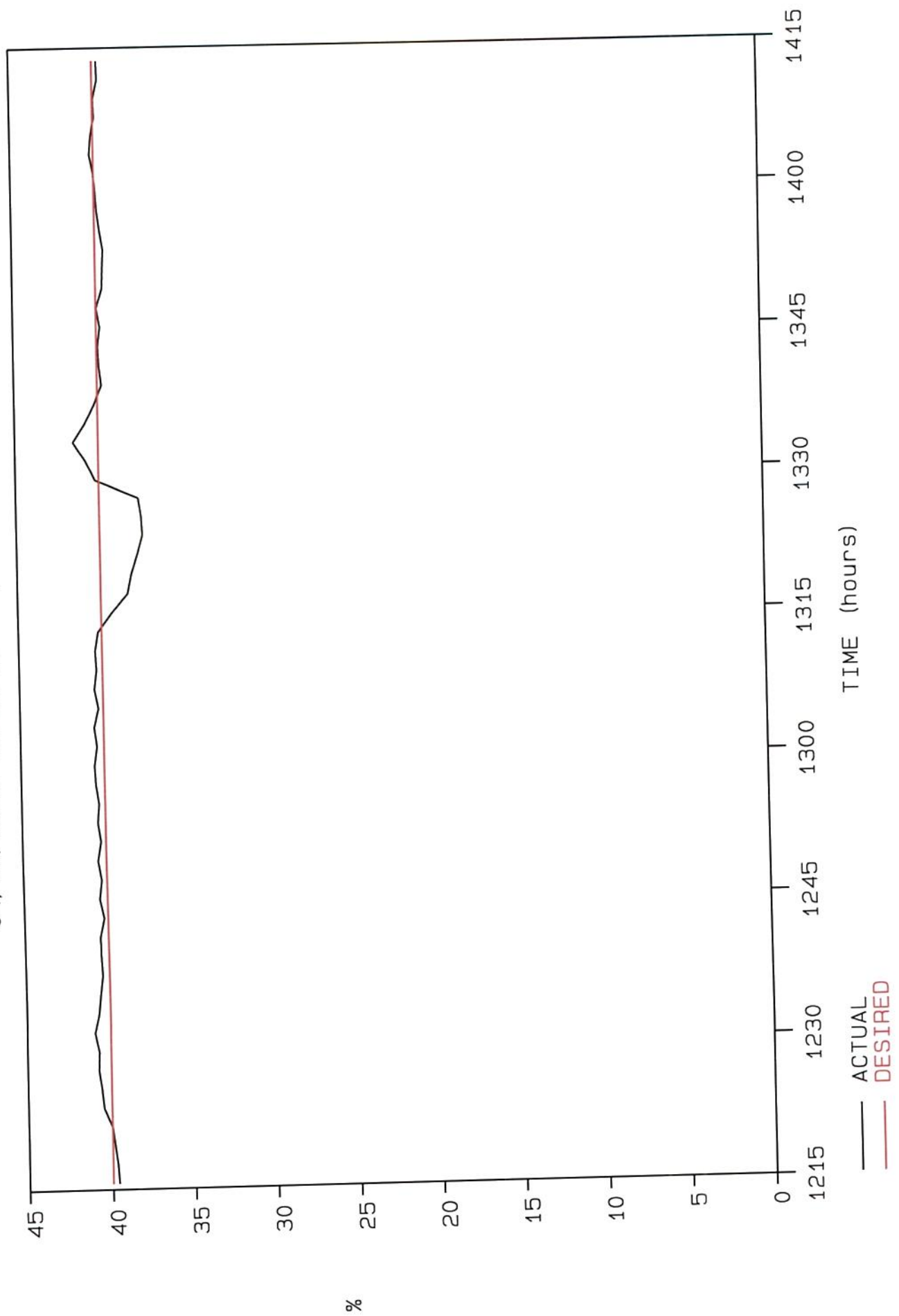
Parameter PC81RH from 04/01/2025 12:15:38 to 04/01/2025 14:13:38
Chamber PC81 Relative Humidity

04/01/2025 12:15:38	3.9622E+01	C	04/01/2025 12:17:38	3.9687E+01	C
04/01/2025 12:19:38	3.9829E+01	C	04/01/2025 12:21:38	3.9980E+01	C
04/01/2025 12:23:38	4.0460E+01	C	04/01/2025 12:25:38	4.0572E+01	C
04/01/2025 12:27:38	4.0738E+01	C	04/01/2025 12:29:38	4.0691E+01	C
04/01/2025 12:31:38	4.0930E+01	C	04/01/2025 12:33:38	4.0672E+01	C
04/01/2025 12:35:38	4.0543E+01	C	04/01/2025 12:37:38	4.0396E+01	C
04/01/2025 12:39:38	4.0463E+01	C	04/01/2025 12:41:38	4.0474E+01	C
04/01/2025 12:43:38	4.0212E+01	C	04/01/2025 12:45:38	4.0463E+01	C
04/01/2025 12:47:38	4.0305E+01	C	04/01/2025 12:49:38	4.0482E+01	C
04/01/2025 12:51:38	4.0284E+01	C	04/01/2025 12:53:38	4.0448E+01	C
04/01/2025 12:55:38	4.0365E+01	C	04/01/2025 12:57:38	4.0534E+01	C
04/01/2025 12:59:38	4.0575E+01	C	04/01/2025 13:01:38	4.0416E+01	C
04/01/2025 13:03:38	4.0568E+01	C	04/01/2025 13:05:38	4.0298E+01	C
04/01/2025 13:07:38	4.0516E+01	C	04/01/2025 13:09:38	4.0371E+01	C
04/01/2025 13:11:38	4.0422E+01	C	04/01/2025 13:13:38	4.0225E+01	C
04/01/2025 13:15:38	3.9364E+01	C	04/01/2025 13:17:38	3.8392E+01	C
04/01/2025 13:19:38	3.8154E+01	C	04/01/2025 13:21:38	3.7772E+01	C
04/01/2025 13:23:38	3.7429E+01	C	04/01/2025 13:25:38	3.7498E+01	C
04/01/2025 13:27:38	3.7652E+01	C	04/01/2025 13:29:38	4.0208E+01	C
04/01/2025 13:31:38	4.0790E+01	C	04/01/2025 13:33:38	4.1520E+01	C
04/01/2025 13:35:38	4.0777E+01	C	04/01/2025 13:37:38	4.0193E+01	C
04/01/2025 13:39:38	3.9737E+01	C	04/01/2025 13:41:38	3.9862E+01	C
04/01/2025 13:43:38	3.9920E+01	C	04/01/2025 13:45:38	3.9786E+01	C
04/01/2025 13:47:38	3.9985E+01	C	04/01/2025 13:49:38	3.9616E+01	C
04/01/2025 13:51:38	3.9578E+01	C	04/01/2025 13:53:38	3.9527E+01	C
04/01/2025 13:55:38	3.9698E+01	C	04/01/2025 13:57:38	3.9853E+01	C
04/01/2025 13:59:38	3.9926E+01	C	04/01/2025 14:01:38	4.0007E+01	C
04/01/2025 14:03:38	4.0241E+01	C	04/01/2025 14:05:38	4.0150E+01	C
04/01/2025 14:07:38	3.9918E+01	C	04/01/2025 14:09:38	3.9959E+01	C
04/01/2025 14:11:38	3.9708E+01	C	04/01/2025 14:13:38	3.9744E+01	C

Parameter PC81RH from 04/01/2025 12:15:38 to 04/01/2025 14:13:38
Chamber PC81 Relative Humidity

60 samples	0 have no data	0 out-of-limits
average = 3.9975E+01	standard deviation =	8.3606E-01
minimum = 3.7429E+01	maximum =	4.1520E+01
% OOL = 0.0000E+00	coef. of variation =	2.0914E+00
min % diff = -6.4270E+00	max % diff =	3.8012E+00
mean % diff = -6.2313E-02		

MASKON SUBJ# T1 - PC81RH (Relative Humidity)
04/01/2025 12: 15: 38 04/01/2025 14: 13: 38



Mnemonic PC81TMP

from 04/01/2025 12:15:38 to 04/01/2025 14:13:38

60 samples	0 have no data	0 out-of-limits
average =	2.1991E+01	standard deviation = 6.5985E-02
minimum =	2.1799E+01	maximum = 2.2118E+01

Mnemonic PLENNO2

from 04/01/2025 12:15:36 to 04/01/2025 14:13:36

04/01/2025 12:15:36	-8.7581E-04	04/01/2025 12:17:36	-9.5682E-04
04/01/2025 12:19:36	-8.7012E-04	04/01/2025 12:21:36	-9.0986E-04
04/01/2025 12:23:36	-8.6412E-04	04/01/2025 12:25:36	-9.7062E-04
04/01/2025 12:27:36	-8.4759E-04	04/01/2025 12:29:36	-8.2325E-04
04/01/2025 12:31:36	-8.0264E-04	04/01/2025 12:33:36	-9.0382E-04
04/01/2025 12:35:36	-6.2851E-04	04/01/2025 12:37:36	-7.2015E-04
04/01/2025 12:39:36	-7.8667E-04	04/01/2025 12:41:36	-1.0309E-03
04/01/2025 12:43:36	-1.0532E-03	04/01/2025 12:45:36	-8.9196E-04
04/01/2025 12:47:36	-7.2421E-04	04/01/2025 12:49:36	-8.4197E-04
04/01/2025 12:51:36	-7.9438E-04	04/01/2025 12:53:36	-8.3385E-04
04/01/2025 12:55:36	-8.4809E-04	04/01/2025 12:57:36	-9.5398E-04
04/01/2025 12:59:36	-9.4131E-04	04/01/2025 13:01:36	-9.0811E-04
04/01/2025 13:03:36	-7.6912E-04	04/01/2025 13:05:36	-6.9061E-04
04/01/2025 13:07:36	-9.2616E-04	04/01/2025 13:09:36	-8.3665E-04
04/01/2025 13:11:36	-6.9761E-04	04/01/2025 13:13:36	-8.3087E-04
04/01/2025 13:15:36	-1.0597E-03	04/01/2025 13:17:36	-1.1952E-03
04/01/2025 13:19:36	-8.5406E-04	04/01/2025 13:21:36	-7.9934E-04
04/01/2025 13:23:36	-8.4473E-04	04/01/2025 13:25:36	-1.0195E-03
04/01/2025 13:27:36	-1.0023E-03	04/01/2025 13:29:36	-9.6954E-04
04/01/2025 13:31:36	-8.8335E-04	04/01/2025 13:33:36	-7.8853E-04
04/01/2025 13:35:36	-8.9157E-04	04/01/2025 13:37:36	-9.2196E-04
04/01/2025 13:39:36	-8.5597E-04	04/01/2025 13:41:36	-9.1671E-04
04/01/2025 13:43:36	-9.8884E-04	04/01/2025 13:45:36	-6.8003E-04
04/01/2025 13:47:36	-8.7915E-04	04/01/2025 13:49:36	-8.5712E-04
04/01/2025 13:51:36	-7.8237E-04	04/01/2025 13:53:36	-9.2358E-04
04/01/2025 13:55:36	-9.7109E-04	04/01/2025 13:57:36	-8.2917E-04
04/01/2025 13:59:36	-6.0391E-04	04/01/2025 14:01:36	-9.3590E-04
04/01/2025 14:03:36	-7.9825E-04	04/01/2025 14:05:36	-8.2916E-04
04/01/2025 14:07:36	-9.5376E-04	04/01/2025 14:09:36	-1.1539E-03
04/01/2025 14:11:36	-7.1335E-04	04/01/2025 14:13:36	-8.1453E-04

Mnemonic PLENNO2

from 04/01/2025 12:15:36 to 04/01/2025 14:13:36

60 samples	0 have no data	0 out-of-limits
average = -8.7083E-04	standard deviation =	1.1469E-04
minimum = -1.1952E-03	maximum =	-6.0391E-04

Mnemonic PLENHC

from 04/01/2025 12:15:36 to 04/01/2025 14:13:36

04/01/2025 12:15:36	1.9921E+00	04/01/2025 12:17:36	1.9905E+00
04/01/2025 12:19:36	1.9827E+00	04/01/2025 12:21:36	2.0210E+00
04/01/2025 12:23:36	1.9759E+00	04/01/2025 12:25:36	1.9757E+00
04/01/2025 12:27:36	1.9831E+00	04/01/2025 12:29:36	1.9787E+00
04/01/2025 12:31:36	1.9956E+00	04/01/2025 12:33:36	1.9764E+00
04/01/2025 12:35:36	2.0098E+00	04/01/2025 12:37:36	1.9951E+00
04/01/2025 12:39:36	1.9728E+00	04/01/2025 12:41:36	1.9833E+00
04/01/2025 12:43:36	1.9680E+00	04/01/2025 12:45:36	1.9865E+00
04/01/2025 12:47:36	1.9802E+00	04/01/2025 12:49:36	1.9703E+00
04/01/2025 12:51:36	2.0033E+00	04/01/2025 12:53:36	1.9617E+00
04/01/2025 12:55:36	1.9697E+00	04/01/2025 12:57:36	1.9679E+00
04/01/2025 12:59:36	1.9699E+00	04/01/2025 13:01:36	1.9909E+00
04/01/2025 13:03:36	1.9702E+00	04/01/2025 13:05:36	2.0004E+00
04/01/2025 13:07:36	1.9892E+00	04/01/2025 13:09:36	1.9681E+00
04/01/2025 13:11:36	1.9818E+00	04/01/2025 13:13:36	1.9678E+00
04/01/2025 13:15:36	1.9849E+00	04/01/2025 13:17:36	1.9840E+00
04/01/2025 13:19:36	1.9785E+00	04/01/2025 13:21:36	2.0160E+00
04/01/2025 13:23:36	1.9685E+00	04/01/2025 13:25:36	1.9757E+00
04/01/2025 13:27:36	1.9751E+00	04/01/2025 13:29:36	1.9681E+00
04/01/2025 13:31:36	1.9840E+00	04/01/2025 13:33:36	1.9646E+00
04/01/2025 13:35:36	1.9952E+00	04/01/2025 13:37:36	1.9827E+00
04/01/2025 13:39:36	1.9656E+00	04/01/2025 13:41:36	1.9802E+00
04/01/2025 13:43:36	1.9623E+00	04/01/2025 13:45:36	1.9875E+00
04/01/2025 13:47:36	1.9802E+00	04/01/2025 13:49:36	1.9688E+00
04/01/2025 13:51:36	2.0055E+00	04/01/2025 13:53:36	1.9667E+00
04/01/2025 13:55:36	1.9735E+00	04/01/2025 13:57:36	1.9691E+00
04/01/2025 13:59:36	1.9757E+00	04/01/2025 14:01:36	1.9790E+00
04/01/2025 14:03:36	1.9660E+00	04/01/2025 14:05:36	2.0216E+00
04/01/2025 14:07:36	1.9823E+00	04/01/2025 14:09:36	1.9737E+00
04/01/2025 14:11:36	1.9853E+00	04/01/2025 14:13:36	1.9639E+00

Mnemonic PLENHC

from 04/01/2025 12:15:36 to 04/01/2025 14:13:36

60 samples	0 have no data	0 out-of-limits
average = 1.9810E+00	standard deviation =	1.4265E-02
minimum = 1.9617E+00	maximum =	2.0216E+00