

CLEAR MAJOUR

CLOSE ALL VALVES

STOP

Batch terminé

Sequence Finished

ThisStandardNo

0

BellowsPos

0

motorpos

0

#spikes

0

Current line #

0

of Lines

0

120 Pump out (s)

0 Temps écoulé (s)

spectro

dispo

Valves

Seq Run

Manual motor control

Check Pressure

Turn off Filament

Change CryoT

Turbo 1

2.4E-9

Air Standard

By-pass to Turbo 2

Temperature

0.00

Cryo

CC
Gage

Sample
Inlet

Charcoal 1

Sample
Inlet

Brabois Tank

Getter1

Jauge
Ionique

Getter2

Bellows

V14

V15

V16

Vcryo

V17

Vtransf

V18

VM5

MS Pump

V3

V2a

Charcoal 2

V5

V4

V6

V2

V1

V1a

V3a

V7

V9

V8

V10

V11

V12

V13

V4a

Vpip

Quad

Getter

To cryo

Turbo 2

Select ESA state then press button.

ChangeESA?



ESA OFF

erreur majeur

CLOSE ALL VALVES

STOP

Batch terminé

Sequence Finished

spectro

dispo

ThisStandardNo

0

BellowsPos

0

motorpos

0

#spikes

0

Current line #

0

of Lines

0

120 Pump out (s)

0 Temps écoulé (s)

Valves

Seq Run

Manual motor control

Run Batch

Total Elapsed Time (m)

0

SampleReady?

Over pressure?

2.4E-9

BatchList

Seq line #	Current Seq File
------------	------------------

0

Current Seq File

Comments

time to wait
after the action (s)

0

Temps restant (valves)

0

This action

Prochaine action 2

abort sequence

Abort Sequence

Abort Batch

Mass Spec

Idle

SequenceTableau

Sample Details

0

erreur majeur

CLOSE ALL VALVES

STOP

Batch terminé

Sequence Finished

ThisStandardNo

BellowsPos

motorpos

#spikes

Current line #

of Lines

spectro

dispo

120 Pump out (s)

0 Temps écoulé (s)

Valves

Seq Run

Manual motor control

Move motor to a new position

Start Position

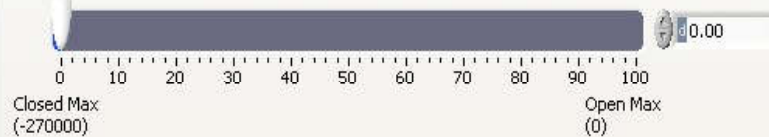
Final Position

Close

Open

OK

Bellows Position



STOP
MOTOR

Commands/ read out values

OK

Set motor high and low speeds.

High Speed

Low Speed

Manual set

Default

(High = 1000
Low = 500)

HELIUM

Seuil de détection HD

0.01

Chemin

%

Int Time Set (s)

0

current time index

0

en cours

Gas

He

Magnet (V)

0

definition d'analyse

données

pics

diagnostics

Type d'analyse

Ech

action	isotope	réf	trait. stat	t int index	répetes
26 à l'arrêt	He	He	nul	0	0
à l'arrêt	He	He	nul	0	0
à l'arrêt	He	He	nul	0	0
à l'arrêt	He	He	nul	0	0
à l'arrêt	He	He	nul	0	0
à l'arrêt	He	He	nul	0	0
à l'arrêt	He	He	nul	0	0
à l'arrêt	He	He	nul	0	0
à l'arrêt	He	He	nul	0	0
à l'arrêt	He	He	nul	0	0
à l'arrêt	He	He	nul	0	0
à l'arrêt	He	He	nul	0	0

Sample Details

0

sample name

Nom

user

type (ech, std, blanc)

type

Exe table path

start t

date, heure de depart

Pressure

pression

comments

seq file path

commentaires

HeParams

4HeCenter

0

3HeOffset

0

DESA/HV

0

ESAavg

0

DeltaHP(V)

0

HPavg(V)

0

deltaVBasl(V)

0

Multiplerv

0

TempsIntro

0

HeCenterParams

4HeCenter 2

4835

#StepsForCenter 2

100

PeakWidth(V) 2

8

EndPkThresh 2

0.8

#PointsOverThresh 2

3

RescanFactor 2

2

Y-symmetry(%)

0

HELIUM

Seuil de détection HD

Chemin

%

Int Time Set (s)

current time index

en cours

Gas

He

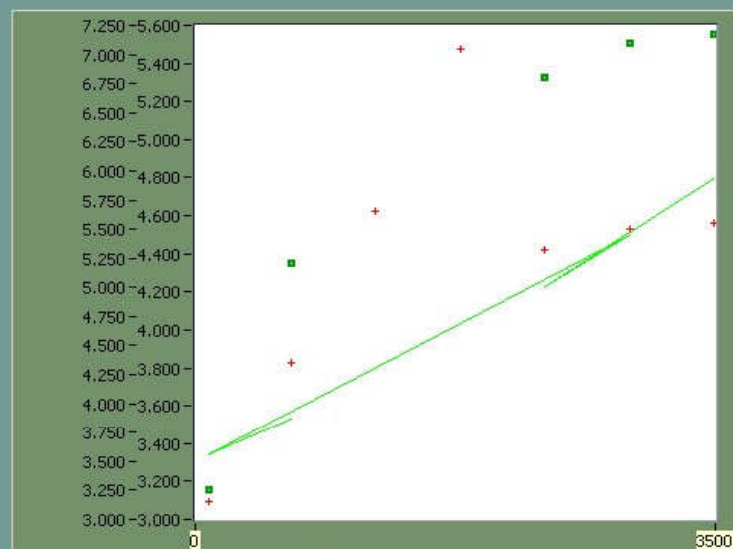
Magnet (V)

definition d'analyse

données

pics

diagnostics



temps (s)

signal

signal 2

4He

3He

Temps

Cage

Multi

0
0
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0

HeParams

4HeCenter

3HeOffset

DESA/HV

ESAavg

DeltaHP(V)

HPavg(V)

deltaVBasln(V)

Multiplerv

TempsIntro

HeCenterParams

4HeCenter 2

#StepsForCenter 2

PeakWidth(V) 2

EndPkThresh 2

#PointsOverThresh 2

RescanFactor 2

Y-symmetry(%)

HELIUM

Seuil de détection HD

0.01

Chemin

g

Int Time Set (s)

0

current time index

0

en cours

Gas

He

Magnet (V)

0

definition d'analyse

données

pics

diagnostics

Scan Type

High Voltage

PeakFound Gas?



Baseline (fA)

0

Seuil de détection 4He

10

Integration Time (s) - Centering

0.131072

ESA On/Off - centering



From systèmeSFT2.txt:

4HeCenter

0

TempsIntro

80

3HeOffset

0

baselineV

0

4HeCenter Global

4541

New centering peak
parameters:

PeakParameters



0

0

0

0

0

0

0

0

signal



seuil



SEM



0.0

4887

4888

4889

4890

4891

4892

4893

0.1

200.0

Skip

HeParams

4HeCenter

0

3HeOffset

0

DESA/HV

0

ESAavg

0

DeltaHP(V)

0

HPavg(V)

0

deltaVBash(V)

0

Multiplerv

0

TempsIntro

0

HeCenterParams

4HeCenter 2

4835

#StepsForCenter 2

100

PeakWidth(V) 2

8

EndPkThresh 2

0.8

#PointsOverThresh 2

3

RescanFactor 2

2

Y-symmetry(%)

0

HELIUM

Seuil de détection HD

0.01

Chemin

%

Int Time Set (s)

0

current time index

0

en cours

Gas

He

Magnet (V)

0

HeParams

4HeCenter

0

3HeOffset

0

DESA/HV

0

ESAavg

0

DeltaHP(V)

0

HPavg(V)

0

deltaVBasIn(V)

0

MultiplieV

0

TempsIntro

0

HeCenterParams

4HeCenter 2

4835

#StepsForCenter 2

100

PeakWidth(V) 2

8

EndPkThresh 2

0.8

#PointsOverThresh 2

3

RescanFactor 2

2

definition d'analyse

données

pics

diagnostics

STOP

sortie d'erreur Raw Data Save

état	code
✓	0

source

NextFileName

#lines

0

#present line

0

Y-symmetry(%)

0

Après modification

- Retrait des informations inutiles
- Réorganisation dans les onglets
- Optimiser les afficheurs

erreur majeur

CLOSE ALL VALVES

STOP

Batch terminé

Sequence Finished

ThisStandardNo

BellowsPos

motorpos

#spikes

Current line #

of Lines

spectro

dispo

120 Pump out (s)

0 Temps écoulé (s)

Valves

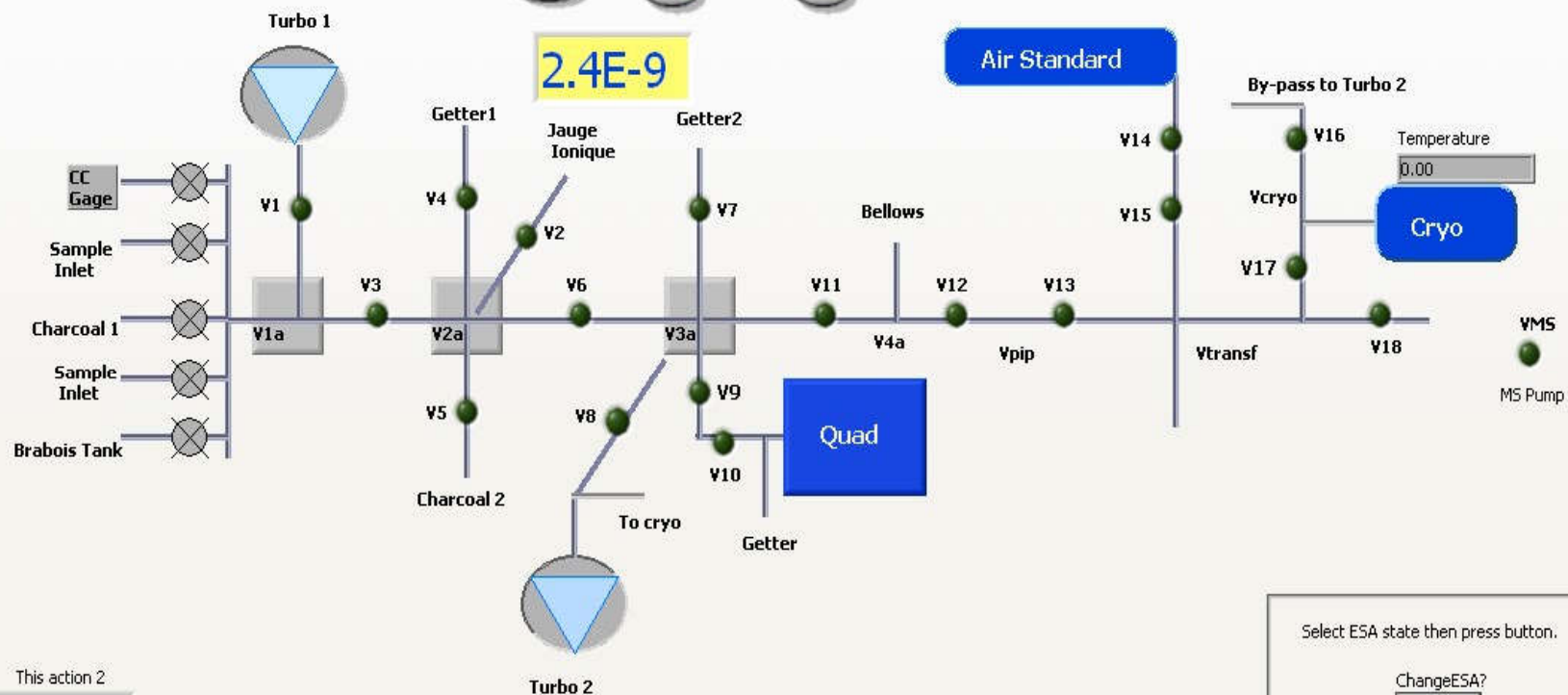
Seq Run

Manual motor control

Check Pressure

Turn off Filament

Change CryoT



This action 2

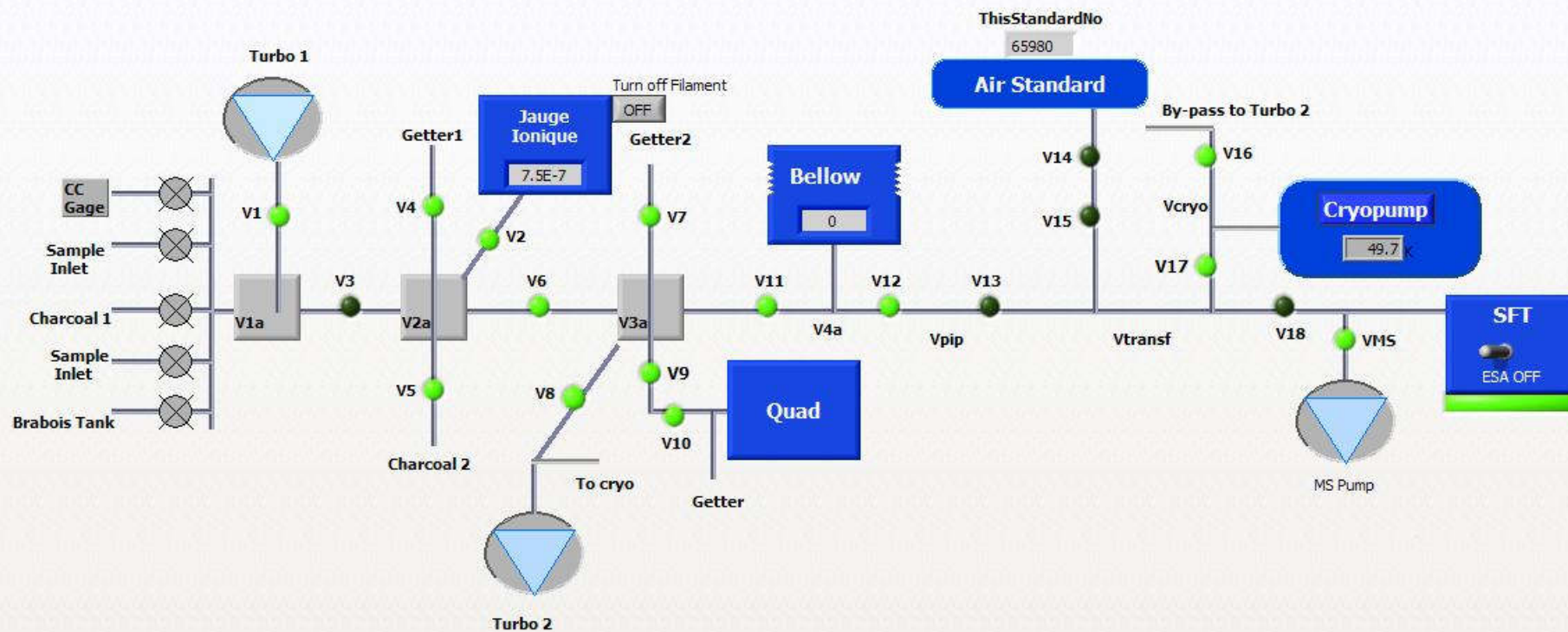
Prochaine action 3

Select ESA state then press button.

ChangeESA?

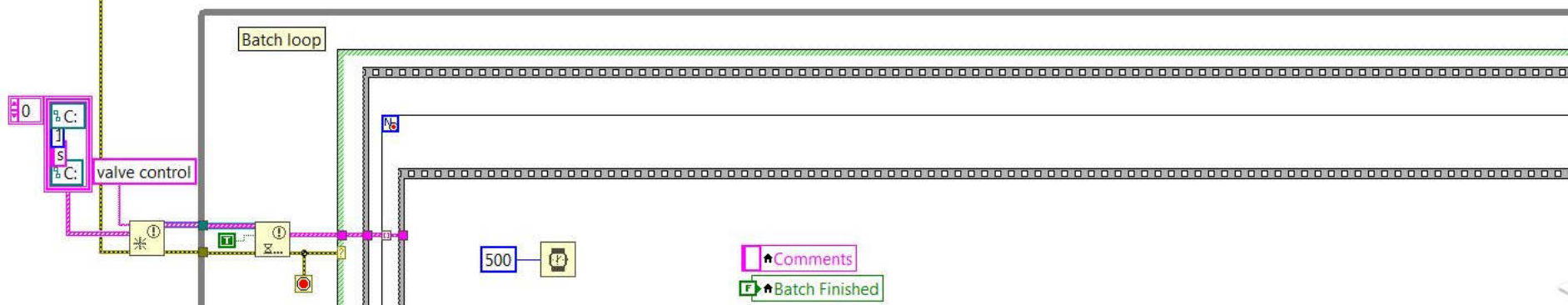
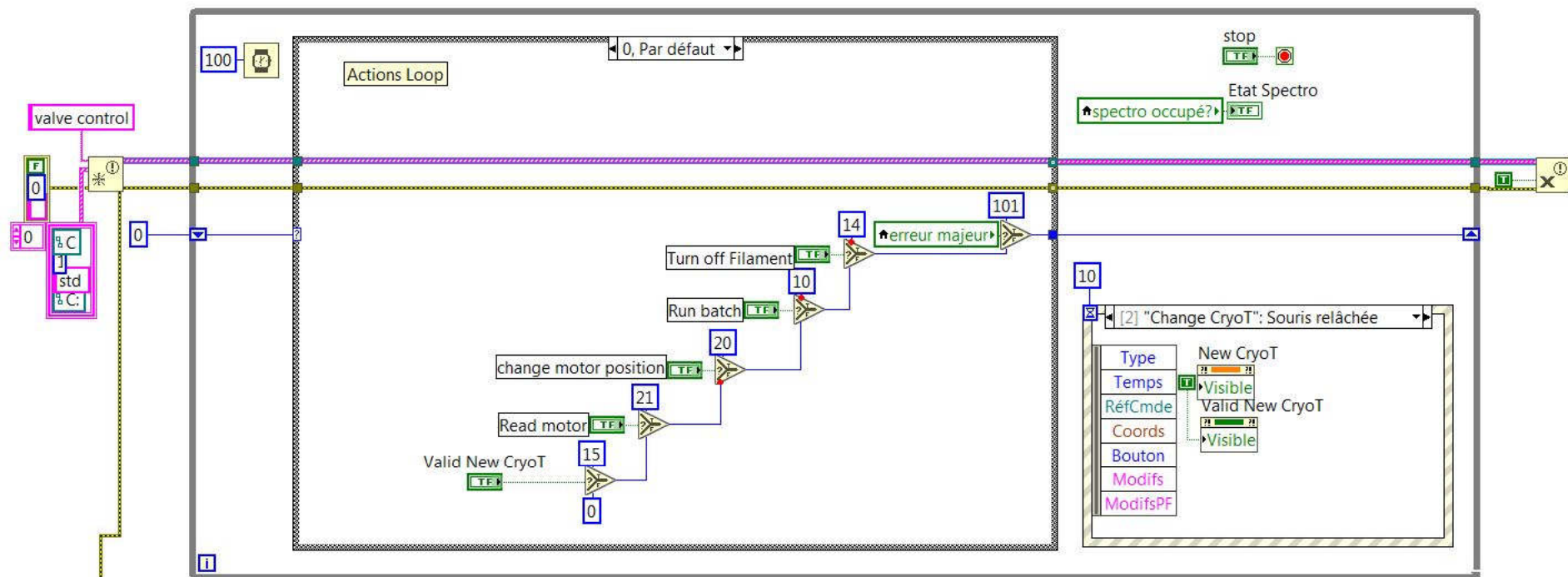
ESA OFF

Valves Batch Run Manual motor control



CLOSE ALL VALVES

STOP



Batch detail

[illegible]

Current line #

of Lines

0

70

0

Total Elapsed Time (m)

Batch finished

Abort Batch

Load Batch

Current sequence :

HeStandard1x.txt

Current action

line #

17

Action duration (s)

6

Time left

0

Next action

IonGage Pressure

2.4E-9

Comments

SampleReady?

Sequence Finished ?

Abort Sequence

SFT analyse

Sample Details

ABS65980

1

C:\\$FT2\Air Extraction Line\
SequenceFiles\ExeTables\
c_He150\1r.txt

11/11/2016 08:14

2.4E-9

C:\SFT2\Air Extraction Line\
SequenceFiles\HeStandard1x.txt

Mass Spec

Idle

120

Pump out (s)

120

Elapsed time (s)

spectro

idle

erreur majeur

CLOSE ALL VALVES

STOP

Batch terminé

Sequence Finished

ThisStandardNo

BellowsPos

motorpos

#spikes

Current line #

of Lines

spectro

dispo

120 Pump out (s)

0 Temps écoulé (s)

Valves

Seq Run

Manual motor control

Move motor to a new position

Start Position

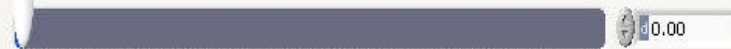
Final Position

Close

Open

OK

Bellows Position



Closed Max
(-270000)

Open Max
(0)

STOP
MOTOR

Commands/ read out values

OK

Set motor high and low speeds.

High Speed

Low Speed

Manual set



Default

(High = 1000
Low = 500)

Valves

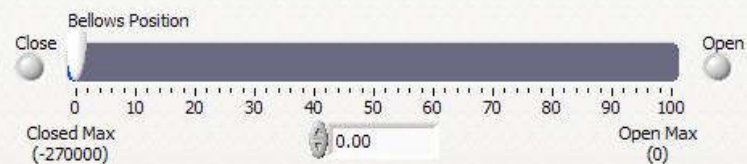
Batch Run

Manual motor control

Move motor to a new position

Start Position

Final Position



**MOVE
MOTOR**

**STOP
MOTOR**

Commands/ read out values

OK

Set motor high and low speeds.

High Speed = 1000 Low Speed = 500

Manual set

High Speed

Low Speed

HELIUM

Seuil de détection HD

0.01

Chemin

%

Int Time Set (s)

0

current time index

0

en cours

Gas

He

Magnet (V)

0

definition d'analyse

données

pics

diagnostics

Type d'analyse

Ech

action	isotope	réf	trait. stat	t int index	répetes
26 à l'arrêt	He	He	nul	0	0
à l'arrêt	He	He	nul	0	0
à l'arrêt	He	He	nul	0	0
à l'arrêt	He	He	nul	0	0
à l'arrêt	He	He	nul	0	0
à l'arrêt	He	He	nul	0	0
à l'arrêt	He	He	nul	0	0
à l'arrêt	He	He	nul	0	0
à l'arrêt	He	He	nul	0	0
à l'arrêt	He	He	nul	0	0
à l'arrêt	He	He	nul	0	0
à l'arrêt	He	He	nul	0	0

Sample Details

0

sample name

Nom

user

type (ech, std, blanc)

type

Exe table path

start t

date, heure de depart

Pressure

pression

comments

seq file path

commentaires

HeParams

4HeCenter

0

3HeOffset

0

DESA/HV

0

ESAavg

0

DeltaHP(V)

0

HPavg(V)

0

deltaVBasl(V)

0

Multiplerv

0

TempsIntro

0

HeCenterParams

4HeCenter 2

4835

#StepsForCenter 2

100

PeakWidth(V) 2

8

EndPkThresh 2

0.8

#PointsOverThresh 2

3

RescanFactor 2

2

Y-symmetry(%)

0

HELIUM

en cours :

definition d'analyse

pics

données

diagnostic

STOP

Type d'analyse

Std

Seuil de détection 4He

10

action

Repetition

centrer 4HeF

0

mesurer 4+3

1

mesurer 4+3

1

mesurer 4+3

1

mesurer 4+3

1

mesurer 4+3

1

mesurer 4+3

1

mesurer 4+3

1

mesurer 4+3

1

mesurer 4+3

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mesurer 4+3

1

mesurer 4+3

1

mesurer 4+3

1

HeParams

4HeCenter

4495

3HeOffset

0

DESA/HV

0.3442

ESAavg

0

DeltaHP(V)

-5.11

HPavg(V)

4099.6

deltaVBash(V)

75

MultiplierV

2577.8

TempsIntro

60

HeCenterParams

4HeCenter

4495

#StepsForCenter

200

PeakWidth(V)

6.5

EndPkThresh

0.8

#PointsOverThresh

3

RescanFactor

2

New4HeCenter

4489.08

PeakFound



Nom du fichier de sauvegarde

2016-11-11-ABJ

HELIUM

Seuil de détection HD

0.01

Chemin

g

Int Time Set (s)

0

current time index

0

en cours

Gas

He

Magnet (V)

0

definition d'analyse

données

pics

diagnostics

Scan Type

High Voltage

PeakFound Gas?

☒☒

Baseline (fA)

0

Seuil de détection 4He

10

Integration Time (s) - Centering

0.131072

ESA On/Off - centering

☒

From systèmeSFT2.txt:

4HeCenter

0

TempsIntro

80

3HeOffset

0

baselineV

0

4HeCenter Global

4541

New centering peak
parameters:

PeakParameters

0

0

0

0

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0

0

0

signal

☒

seuil

☒

SEM

☒

0.0

4887

4888

4889

4890

4891

4892

4893

0.1

200.0

Skip

HeParams

4HeCenter

0

3HeOffset

0

DESA/HV

0

ESAavg

0

DeltaHP(V)

0

HPavg(V)

0

deltaVBash(V)

0

Multiplerv

0

TempsIntro

0

HeCenterParams

4HeCenter 2

4835

#StepsForCenter 2

100

PeakWidth(V) 2

8

EndPkThresh 2

0.8

#PointsOverThresh 2

3

RescanFactor 2

2

Y-symmetry(%)

0

HELIUM

en cours :

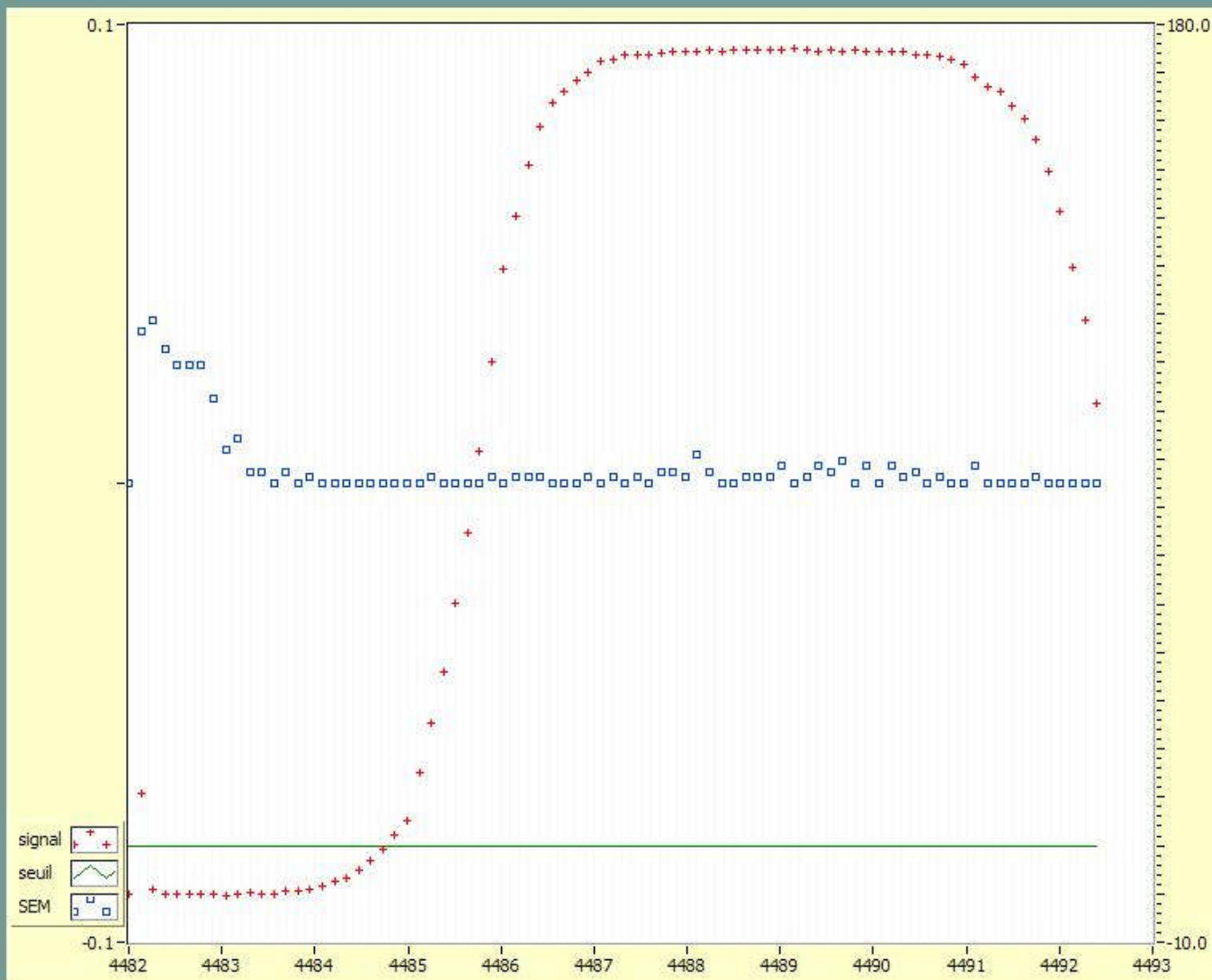
definition d'analyse

pics

données

diagnostic

STOP



New centering peak parameters:

4489.08

4492.12

4486.03

174.925

6.0895

0.567881

-0.0117903

HELIUM

Seuil de détection HD

0.01

Chemin

%

Int Time Set (s)

0

current time index

0

en cours

Gas

He

Magnet (V)

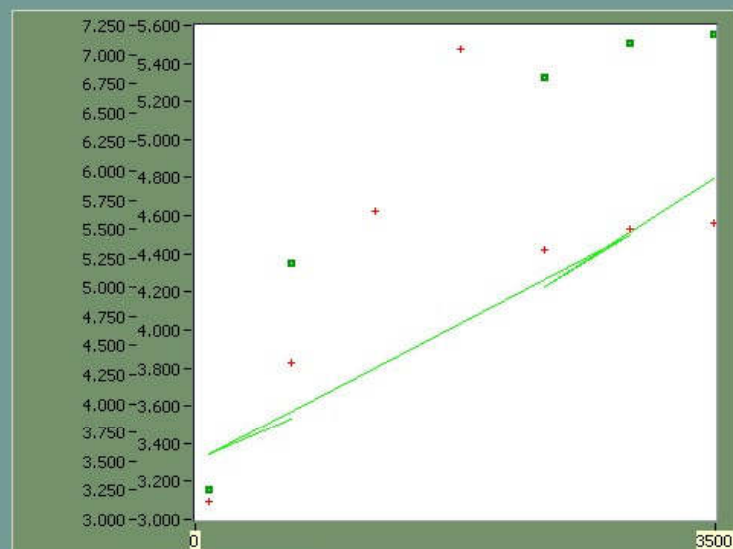
0

definition d'analyse

données

pics

diagnostics



temps (s)

8.83

signal

v.vv

signal 2

v.vv

4He

3He

Temps

Cage

Multi

0
0

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HeParams

4HeCenter

0

3HeOffset

0

DESA/HV

0

ESAavg

0

DeltaHP(V)

0

HPavg(V)

0

deltaVBasln(V)

0

Multiplerv

0

TempsIntro

0

HeCenterParams

4HeCenter 2

4835

#StepsForCenter 2

100

PeakWidth(V) 2

8

EndPkThresh 2

0.8

#PointsOverThresh 2

3

RescanFactor 2

2

Y-symmetry(%)

0

HELIUM

en cours :

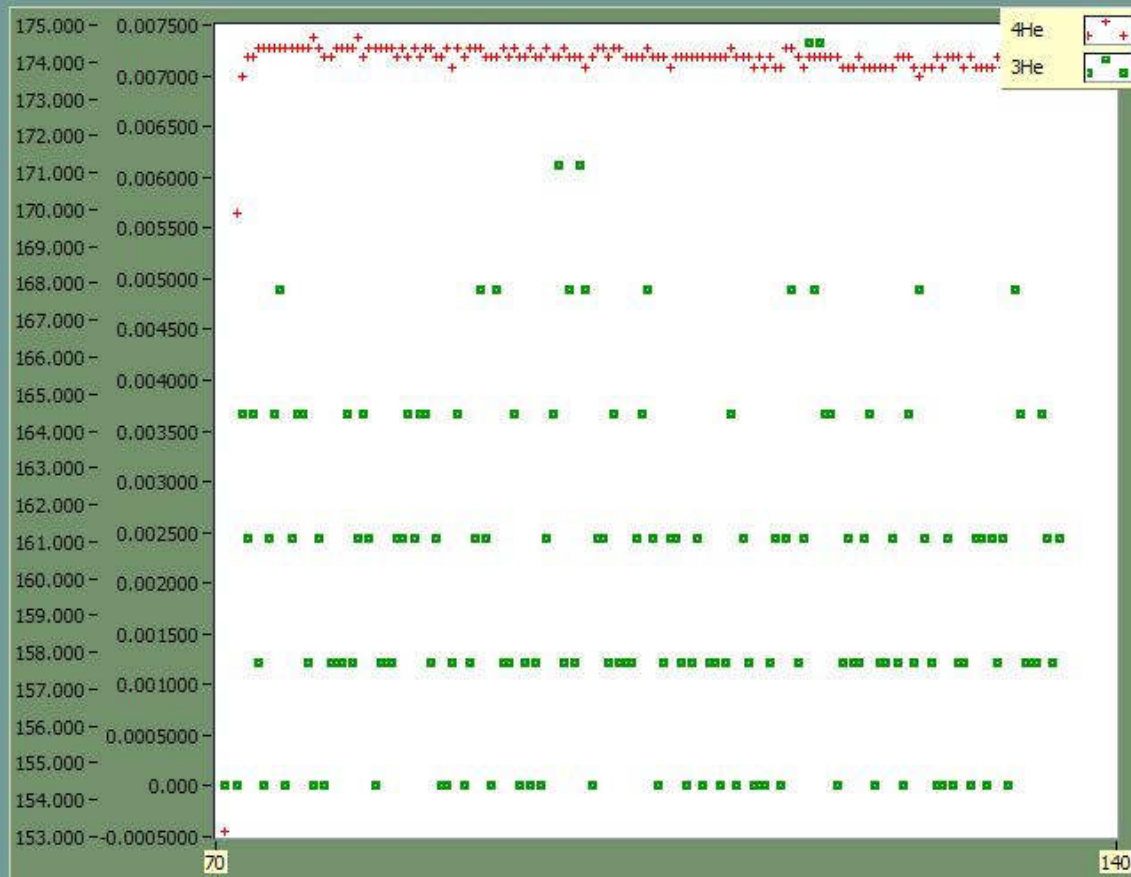
definition d'analyse

pics

données

diagnostic

STOP



Temps	Cage	Multi
70.6562	153.154	-9.00784E-7
71.6094	169.904	-9.00784E-7
72.0469	173.602	0.00366619
72.4531	174.131	0.00244383
72.8906	174.131	0.00366619
73.3437	174.395	0.00122146
73.7656	174.395	-9.00784E-7
74.1875	174.395	0.00244383
74.6094	174.395	0.00366619
75.0312	174.395	0.00488856
75.4531	174.395	-9.00784E-7
75.875	174.395	0.00244383
76.2969	174.395	0.00366619
76.7344	174.395	0.00366619
77.1875	174.395	0.00122146
77.625	174.66	-9.00784E-7
78.0469	174.395	0.00244383
78.4844	174.131	-9.00784E-7
78.9219	174.131	0.00122146
79.3594	174.395	0.00122146
79.7812	174.395	0.00122146
80.2031	174.395	0.00366619

HELIUM

Seuil de détection HD

0.01

Chemin

%

Int Time Set (s)

0

current time index

0

en cours

Gas

He

Magnet (V)

0

definition d'analyse

données

pics

diagnostics

STOP

sortie d'erreur Raw Data Save

état	code
✓	0

source

NextFileName

#lines

0

#present line

0

HeParams

4HeCenter

0

3HeOffset

0

DESA/HV

0

ESAavg

0

DeltaHP(V)

0

HPavg(V)

0

deltaVBasIn(V)

0

MultiplieV

0

TempsIntro

0

HeCenterParams

4HeCenter 2

4835

#StepsForCenter 2

100

PeakWidth(V) 2

8

EndPkThresh 2

0.8

#PointsOverThresh 2

3

RescanFactor 2

2

Y-symmetry(%)

0

HELIUM

definition d'analyse pics données diagnostic

en cours :



STOP

# of lines	present line #
152	151