TestAmerica
ANALYTICAL TESTING CORPORATION
17461Derian Ave. Suite 100 Irvine CA 92614 (949) 261-1022 FAX (949) 260-3297

QA/QC PACKAGE: LEVEL IV
PREPARED FOR: GPL LABORATORIES
LABORATORY NUMBER: IQC0291
PROJECT: OMEGA CHEMICAL OU-2 SSID-BC
335392.F.I.01

SAMPLED: 03/02/07

TestAmerica
ANALYTICAL TESTING CORPORATION

CASE NARRATIVE

Client:	GPL	**Date Sampled:**	3/2/2007
Project:	Omega Chemical OU-2 SSID-BC 335392.FI.O1	**Date Received:**	3/2/2007
Lab:	IQC0291		

SAMPLE RECEIPT: Samples were received intact, on ice, and with chain of custody documentation. The sample temperature was measured at 5.1° C upon receipt at the laboratory.

HOLDING TIMES: All samples were analyzed within holding times.

PROBLEMS ENCOUNTERED: No problems were encountered.

QA/QC CRITERIA: No problems were encountered during sample analysis.

OBSERVATIONS: No significant observations were made.

TestAmerica - Irvine, CA

Diane Suzuki
Project Manager
EK

17461 Derian Avenue. Suite 100 Irvine, CA 92614 (949) 261-1022 (949) 260-3297

The case narrative is an integral part of the report. This report shall not be reproduced, except in full, without written permission from TestAmerica.

TestAmerica
ANALYTICAL TESTING CORPORATION
17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

LABORATORY REPORT

Prepared For: GPL Laboratories
7210-A Corporate Court
Frederick, MD 21703
Attention: Tim Mikesell

Project: Omega Chemical OU-2 SSID-BC
335392.FI.O1

Sampled: 03/02/07
Received: 03/02/07
Issued: 03/11/07 13:12

NELAP #01108CA California ELAP#1197 CSDLAC #10256

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain of Custody, 1 page, is included and is an integral part of this report.
This entire report was reviewed and approved for release.

SAMPLE CROSS REFERENCE

LABORATORY ID	CLIENT ID	MATRIX
IQC0291-01	OC2-MW20C-W-0-481	Water
IQC0291-02	OC2-MW20B-W-0-482	Water
IQC0291-03	OC2-MW20A-W-0-483	Water
IQC0291-04	OC2-MW9B-W-0-485	Water
IQC0291-05	OC2-MW9A-W-0-486	Water

Reviewed By:

TestAmerica - Irvine, CA
Diane Suzuki
Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION
17461Derian Ave. Suite 100 Irvine CA 92614 (949) 261-1022 FAX (949) 260-3297

QA/QC PACKAGE: LEVEL IV
PREPARED FOR: GPL LABORATORIES
LABORATORY NUMBER: IQC0291
PROJECT: OMEGA CHEMICAL OU-2 SSID-BC
335392.F.I.01

CHAIN OF CUSTODY FORM

DMCOC

17461 Derian Ave., #100, Irvine, CA 92614 (949) 261-1022 FAX (949) 260-3299
1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4687 FAX (909) 370-1046
9830 South 51st St., Suite B-12D, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 796-3620 FAX (702) 798-3628

TestAmerica
ANALYTICAL TESTING CORPORATION

CHAIN OF CUSTODY FORM IQC0291

Client Name/Address: CH2M HILL, 1000 WILSHIRE BLVD 21ST FLOOR, LOS ANGELES CA 90017

Project/PO Number: OMEGA CHEMICAL - OCL 335392.FI.01

Project Manager: DAN JABLONSKI

Phone Number: 213-228-8271

Sampler: ROBERT HERNANDEZ

Fax Number:

Analysis Required

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	HEXAVALENT CHROMIUM									Special Instructions
OCL-MW20C-W-0-481	GW	POLY	1	3-2-07	0905	ICE	X									
OCL-MW20B-W-0-482	"	"	"	"	0945	"	X									
OCL-MW20A-W-0-483					1025		X									
OCL-MW9B-W-0-485					1230		X									
OCL-MW9A-W-0-486					1305		X									
																TN 1930

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	3-2-07 1625	[signature] TAE	3/2/07 1625
[signature] TAE	3/2/07 1815		
		Received in Lab By: [signature]	3-2-07 1815

Turnaround Time: (Check)
same day ____ 72 hours ____
24 hours ____ 5 days ____
48 hours ____ normal ✓

Sample Integrity: (Check)
intact ✓ on ice ✓

5.6/5.1°C

Note: By relinquishing samples to Test America, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

477

4

TestAmerica
ANALYTICAL TESTING CORPORATION
17461Derian Ave. Suite 100 Irvine CA 92614 (949) 261-1022 FAX (949) 260-3297

QA/QC PACKAGE: LEVEL IV
PREPARED FOR: GPL LABORATORIES
LABORATORY NUMBER: IQC0291
PROJECT: OMEGA CHEMICAL OU-2 SSID-BC
335392.F.I.01

ANALYTICAL REPORT

TestAmerica
ANALYTICAL TESTING CORPORATION
17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

GPL Laboratories
7210-A Corporate Court
Frederick, MD 21703
Attention: Tim Mikesell

Project ID: Omega Chemical OU-2 SSID-BC
335392.FI.O1
Report Number: IQC0291

Sampled: 03/02/07
Received: 03/02/07

INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQC0291-01 (OC2-MW20C-W-0-481 - Water)				**Sampled: 03/02/07**				
Reporting Units: mg/l								
Chromium VI	EPA 218.6	7C02041	0.00030	ND	1	3/2/2007	3/2/2007	
Sample ID: IQC0291-02 (OC2-MW20B-W-0-482 - Water)				**Sampled: 03/02/07**				
Reporting Units: mg/l								
Chromium VI	EPA 218.6	7C02041	0.00030	**0.015**	1	3/2/2007	3/2/2007	
Sample ID: IQC0291-03 (OC2-MW20A-W-0-483 - Water)				**Sampled: 03/02/07**				
Reporting Units: mg/l								
Chromium VI	EPA 218.6	7C02041	0.00030	**0.013**	1	3/2/2007	3/2/2007	
Sample ID: IQC0291-04 (OC2-MW9B-W-0-485 - Water)				**Sampled: 03/02/07**				
Reporting Units: mg/l								
Chromium VI	EPA 218.6	7C02041	0.00030	**0.0062**	1	3/2/2007	3/2/2007	
Sample ID: IQC0291-05 (OC2-MW9A-W-0-486 - Water)				**Sampled: 03/02/07**				
Reporting Units: mg/l								
Chromium VI	EPA 218.6	7C02041	0.00030	**0.0050**	1	3/2/2007	3/2/2007	

TestAmerica - Irvine, CA
Diane Suzuki
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

TestAmerica
ANALYTICAL TESTING CORPORATION
17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

GPL Laboratories
7210-A Corporate Court
Frederick, MD 21703
Attention: Tim Mikesell

Project ID: Omega Chemical OU-2 SSID-BC
335392.FI.O1
Report Number: IQC0291

Sampled: 03/02/07
Received: 03/02/07

SHORT HOLD TIME DETAIL REPORT

	Hold Time (in days)	Date/Time Sampled	Date/Time Received	Date/Time Extracted	Date/Time Analyzed
Sample ID: OC2-MW20C-W-0-481 (IQC0291-01) - Water					
EPA 218.6	1	03/02/2007 09:05	03/02/2007 18:15	03/02/2007 20:42	03/02/2007 20:49
Sample ID: OC2-MW20B-W-0-482 (IQC0291-02) - Water					
EPA 218.6	1	03/02/2007 09:45	03/02/2007 18:15	03/02/2007 20:42	03/02/2007 21:00
Sample ID: OC2-MW20A-W-0-483 (IQC0291-03) - Water					
EPA 218.6	1	03/02/2007 10:25	03/02/2007 18:15	03/02/2007 20:42	03/02/2007 21:11
Sample ID: OC2-MW9B-W-0-485 (IQC0291-04) - Water					
EPA 218.6	1	03/02/2007 12:30	03/02/2007 18:15	03/02/2007 20:42	03/02/2007 21:22
Sample ID: OC2-MW9A-W-0-486 (IQC0291-05) - Water					
EPA 218.6	1	03/02/2007 11:05	03/02/2007 18:15	03/02/2007 20:42	03/02/2007 21:33

TestAmerica - Irvine, CA
Diane Suzuki
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

TestAmerica
ANALYTICAL TESTING CORPORATION
17461Derian Ave. Suite 100 Irvine CA 92614 (949) 261-1022 FAX (949) 260-3297

QA/QC PACKAGE: LEVEL IV
PREPARED FOR: GPL LABORATORIES
LABORATORY NUMBER: IQC0291
PROJECT: OMEGA CHEMICAL OU-2 SSID-BC
335392.F.I.01

QUALITY CONTROL SUMMARY

- METHOD BLANKS
- MS/MSD DATA REPORTS
- LCS DATA REPORTS

TestAmerica
ANALYTICAL TESTING CORPORATION
17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

GPL Laboratories
7210-A Corporate Court
Frederick, MD 21703
Attention: Tim Mikesell

Project ID: Omega Chemical OU-2 SSID-BC
335392.FI.O1
Report Number: IQC0291

Sampled: 03/02/07
Received: 03/02/07

METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7C02041 Extracted: 03/02/07										
Blank Analyzed: 03/02/2007 (7C02041-BLK1)										
Chromium VI	ND	0.00030	mg/l							
LCS Analyzed: 03/02/2007 (7C02041-BS1)										
Chromium VI	0.0493	0.00030	mg/l	0.0500		99	90-110			
Matrix Spike Analyzed: 03/02/2007 (7C02041-MS1)					**Source: IQC0291-01**					
Chromium VI	0.0491	0.00030	mg/l	0.0500	ND	98	90-110			
Matrix Spike Dup Analyzed: 03/02/2007 (7C02041-MSD1)					**Source: IQC0291-01**					
Chromium VI	0.0501	0.00030	mg/l	0.0500	ND	100	90-110	2	10	

TestAmerica - Irvine, CA
Diane Suzuki
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

TestAmerica
ANALYTICAL TESTING CORPORATION
17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

GPL Laboratories	Project ID: Omega Chemical OU-2 SSID-BC	
7210-A Corporate Court	335392.FI.O1	Sampled: 03/02/07
Frederick, MD 21703	Report Number: IQC0291	Received: 03/02/07
Attention: Tim Mikesell		

DATA QUALIFIERS AND DEFINITIONS

ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.

RPD Relative Percent Difference

TestAmerica - Irvine, CA
Diane Suzuki
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

TestAmerica
ANALYTICAL TESTING CORPORATION
17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

GPL Laboratories	Project ID: Omega Chemical OU-2 SSID-BC	
7210-A Corporate Court	335392.FI.O1	Sampled: 03/02/07
Frederick, MD 21703	Report Number: IQC0291	Received: 03/02/07
Attention: Tim Mikesell		

Certification Summary

TestAmerica - Irvine, CA

Method	Matrix	Nelac	California
EPA 218.6	Water	X	X

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for TestAmerica may be obtained by contacting the laboratory or visiting our website at www.testamericainc.com

TestAmerica - Irvine, CA
Diane Suzuki
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

TestAmerica
ANALYTICAL TESTING CORPORATION
17461Derian Ave. Suite 100 Irvine CA 92614 (949) 261-1022 FAX (949) 260-3297

QA/QC PACKAGE: LEVEL IV
PREPARED FOR: GPL LABORATORIES
LABORATORY NUMBER: IQC0291
PROJECT: OMEGA CHEMICAL OU-2 SSID-BC
335392.F.I.01

EPA 218.6 LABORATORY RAW DATA

- INITIAL CALIBRATION
- CONTINUING CALIBRATION
- DIGESTION LOG
- RUN LOG
- QUANTITATION REPORTS

TotalChrom Method File H:\DATA\IC4\chr6qb20.mth
Printed by : inorg on: 3/16/2007 7:24:12 AM
Created by : inorg on: 2/20/2007 11:33:50 AM
Edited by : inorg on: 2/20/2007 11:50:19 AM
Number of Times Edited : 1
Number of Times Calibrated : 40
Description: CHANGED RT FROM 5.7 TO 5.3

Instrument Conditions

Instrument Control Method
Instrument Name : ICDNX-4
Instrument Type : 900 Series Intelligent Interface

Interface Parameters
Delay Time : 0.30 min
Run Time : 9.00 min
Sampling Rate : 20.0000 pts/s
Interface Type : 900 Series Intelligent Interface
Analog Voltage Input : 1000 mV
Data will be collected from channel A

Timed Events
RLY3 set to Off at 0.00 min
RLY3 set to On at 8.75 min

Real Time Plot Parameters

	Pages	Offset (mV)	Scale (mV)
Channel A	1	120.000	20.000

Processing Parameters
Bunch Factor : 40 points
Noise Threshold : 2 µV
Area Threshold : 14.00 µV

Peak Separation Criteria
Width Ratio : 0.200
Valley-to-Peak Ratio : 0.010

Exponential Skim Criteria
Peak Height Ratio : 5.000
Adjusted Height Ratio : 4.000
Valley Height Ratio : 3.000

Baseline Timed Events
Event #1 - Disable Peak Detection at 0.400
Event #2 - Enable Peak Detection at 4.383

Optional Reports
No report format files given

Optional Report Plot Parameters

Plot Number	1	2	3	4	5
Generate this plot	No	No	No	No	No
Start plot at end of delay time	Yes	Yes	Yes	Yes	Yes
Start Time					
End Time					
Scale Type	Vertical Scaling	Vertical Scaling	Vertical Scaling	Vertical Scaling	Vertical Scaling
Scale Factor	1.000	1.000	1.000	1.000	1.000
Full Scale					
Offset					

Annotated Replot Parameters
Offset & Scale set to absolute values
Draw baselines
Include timed event annotations

2/20/2007 11:50:24 AM Method: H:\DATA\IC4\chr6qb20.mth

Plot Offset : 129.000 µV
Plot Scale : 7.500 µV
Number of Pages : 1
Plot Title : Chromatogram
X-Axis Label : Time [min]
Y-Axis Label : Response [mV]
Orientation : Landscape
Retention Labels : Top of Plot
Component Labels : Actual Time
Start Time : 0.00
End Time : 9.00

User Programs
No user programs will be executed

Global Sample Information
Default Sample Volume : 1.000 uL
Quantitation Units : ng
Void Time : 0.000 min
Correct amounts during calibration : Yes
Convert unknowns to concentration units : Yes
Reject outliers during calibration : No

An External Standard calibration will be used
Unknown peaks will be quantitated using a response factor of 1.000000e+06
First peak will be relative retention reference

Component Information
chrom6
Component Type : Single Peak Component
Retention Time : 6.845 min
Search Window : 2.00 s, 7.00 %
Reference Component :
Find largest peak in window
Calibrating Height versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.000000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
1	0.0001	0.00	0.00	———	———	0
2	0.3000	224.80	19.17	———	———	1
3	1.0000	868.40	45.61	———	———	1
4	5.0000	3685.85	189.52	———	———	1
5	10.0000	8418.40	406.27	———	———	1
6	25.0000	18668.90	966.19	———	———	1
7	50.0000	34433.50	1902.65	———	———	1
8	75.0000	57117.50	2981.63	———	———	1

Calibration Curve : y = (-1.731112) + (39.235632)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999336

Calibration Replicate Lists
Component : chrom6
Level : 1
This level has no replicate injections

Level : 2

2/20/2007 11:50:24 AM Method: H:\DATA\IC4\chr6qb20.mth

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
224.80	19.17	0.3000	———	———	2/20/2007	11:50:03 AM	H:\DATA\IC4\20070220\20070220007.rst

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
868.40	45.61	1.0000	———	———	2/20/2007	11:50:03 AM	H:\DATA\IC4\20070220\20070220008.rst

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
3685.85	189.52	5.0000	———	———	2/20/2007	11:50:04 AM	H:\DATA\IC4\20070220\20070220009.rst

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
8418.40	406.27	10.0000	———	———	2/20/2007	11:50:04 AM	H:\DATA\IC4\20070220\20070220010.rst

Level : 6

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
18668.90	966.19	25.0000	———	———	2/20/2007	11:33:05 AM	H:\DATA\IC4\20070220\20070220011.rst

Level : 7

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
34433.50	1902.65	50.0000	———	———	2/20/2007	11:50:04 AM	H:\DATA\IC4\20070220\20070220015.rst

Level : 8

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date	Time	File
57117.50	2981.63	75.0000	———	———	2/20/2007	11:50:04 AM	H:\DATA\IC4\20070220\20070220014.rst

TotalChrom Sequence File H:\DATA\IC4\20070220\20070220.seq
Printed by : inorg on: 2/21/2007 9:39:06 AM
Created by : inorg on: 2/20/2007 8:16:55 AM
Edited by : inorg on: 2/20/2007 11:16:38 PM
Number of Times Edited : 19
Description:

Sequence File Header Information:

Number of Rows : 152
Instrument Type : 900 Series Intelligent Interface
Injection Type : SINGLE
Raw tokens channel A :
Result tokens channel A :
Modified tokens channel A :
Raw tokens channel B :
Result tokens channel B :
Modified tokens channel B :

Sequence Sample Descriptions - Channel A

Row	Type	Name	Number	Study name	Sample Amt	Sample Vol	Dil Factor	Multiplier	Divisor	Addend	Norm Factor
1	Sample	IB	7B20058		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
2	Sample	7B20058-BS1	7B20058	7020299	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
3	Sample	7B20058-BLK1	7B20058		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
4	Sample	BLK	7B20058	NEW GUARD COLUMN	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
5	Sample	CHK STD	7B20058	NEW GUARD COLUMN	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
6	Sample	0PPB	7B20058		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
7	Sample	0.3PPB	7B20058		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
8	Sample	1.0PPB	7B20058		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
9	Sample	5.0PPB	7B20058		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
10	Sample	10PPB	7B20058		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
11	Sample	25PPB	7B20058		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
12	Sample	50PPB	7B20058		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
13	Sample	75PPB	7B20058		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
14	Sample	75PPB	7B20058		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
15	Sample	50PPB	7B20058		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
16	Sample	ICV 50PPB	7B20058	7020300	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
17	Sample	7B20058-BS1	7B20058		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
18	Sample	7B20058-BLK1	7B20058		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
19	Sample	IQB1982-05	7B20058		1.000000	1.000	50.000000	1.000000	1.000000	0.000000	100.000
~~20~~	~~Sample~~	~~IQB1982-07~~	7B20058		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
21	Sample	IQB1982-06	7B20058		1.000000	1.000	50.000000	1.000000	1.000000	0.000000	100.000
~~22~~	~~Sample~~	~~7B20058-MS1~~	7B20058	IQB1982-07	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
~~23~~	~~Sample~~	~~7B20058-MSD1~~	7B20058	IQB1982-07	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
24	Sample	CCV	7B20058		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
25	Sample	CCB	7B20058		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
26	Sample	IQB1982-01	7B20058		1.000000	1.000	50.000000	1.000000	1.000000	0.000000	100.000
27	Sample	IQB1982-03	7B20058		1.000000	1.000	50.000000	1.000000	1.000000	0.000000	100.000
28	Sample	IQB1982-02	7B20058		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
29	Sample	IQB1982-04	7B20058		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
30	Sample	CCV	7B20058		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
31	Sample	CCB	7B20058		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
32	Sample	CCV	7B20058		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
33	Sample	CCB	7B20058		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
34	Sample	CCV	7B20058		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
35	Sample	CCB	7B20058		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
36	Sample	IQB2129-02	7B20058		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
37	Sample	IQB2129-04	7B20058		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
38	Sample	IQA1919-13	7B20058		1.000000	1.000	50.000000	1.000000	1.000000	0.000000	100.000
39	Sample	IQB2138-01	7B20058		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
40	Sample	7B20058-MS1	7B20058	IQB2129-04	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
41	Sample	7B20058-MSD1	7B20058	IQB2129-04	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
42	Sample	IQB1152-09	7B20058		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
43	Sample	IQA1919-13	7B20058		1.000000	1.000	5.000000	1.000000	1.000000	0.000000	100.000
44	Sample	CCV	7B20058		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
45	Sample	CCB	7B20058		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
46	Sample	7B20141-BS1	7B20141		1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
47	Sample	7B20141-BLK1	7B20141		1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
48	Sample	IQB1942-01	7B20141		1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
49	Sample	7B20141-MS1	7B20141	IQB1942-01	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
50	Sample	7B20141-MSD1	7B20141	IQB1942-01	1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
51	Sample	IQB1942-02	7B20141		1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
52	Sample	IQB1942-03	7B20141		1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
53	Sample	IQB1942-04	7B20141		1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
54	Sample	IQB1942-05	7B20141		1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
55	Sample	IQB1942-06	7B20141		1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
56	Sample	CCV	7B20141		1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
57	Sample	CCB	7B20141		1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
58	Sample	IQB1942-07	7B20141		1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
59	Sample	IQB1942-08	7B20141		1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
60	Sample	IQB1942-09	7B20141		1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
61	Sample	IQB1942-10	7B20141		1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000
62	Sample	IQB1942-11	7B20141		1.000000	1.000	1.000000	10.000000	1.000000	0.000000	100.000

CALIBRATION CHECKLIST

EPA 7199 & 218.6 – Hexavalent Chromium by IC

Analyst:	IM/WH	2nd Level Review:	[illegible]
Analysis Date:	2/20/07	Date:	8/19/8
IC #:	IC4	Original Calibration date:	1/6/07
Method used:	218.6 & 7199	Original Calibration file #:	CHR7qa06.MTH

Analyst Rev	2nd Level Rev	
✓	✓	6-point calibration, lowest point at RL, r >= 0.999
✓	✓	2nd ICV: %REC = 90-110% (immediately after calibration)
		Calibration date and file checked for completeness and accuracy:
✓	✓	• Correct date, analyst's name and calibration file
✓	✓	• Correct instrument parameters, retention time and window
✓	✓	• Chromatography peak shape and baseline acceptable
✓	✓	• Calibration summary and raw data match for calibration levels and area counts
		Instrument update for new calibration information:
	✓	• Calibration: CHR6qb20.MTH
	✓	• Standard preparation: 7020299
	✓	• Supplier: ERA
	✓	• Standard Lot # : ~~[illegible]~~ 09073.1
		• Calibration Chart:

Comments:

Cr6_cal.doc
Rev 09/15/04

Software Version	: 6.2.1.0.106:0106	Date	: 2/20/2007 9:50:34 AM
Reprocess Number	: ic2: 79101		
Operator	: inorg	Sample Name	: 0PPB
Sample Number	: 7B20058	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX4	Channel	: A
Interface Serial #	: 2100574712	A/D mV Range	: 1000
Delay Time	: 0.30 min	End Time	: 9.00 min
Sampling Rate	: 20.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 2/20/2007 9:41:21 AM	Cycle	: 6

Raw Data File : h:\data\ic4\20070220\20070220006.raw
Result File : h:\data\ic4\20070220\20070220006.rst
Inst Method : h:\data\ic4\chr7qa06 from h:\data\ic4\20070220\20070220006.raw
Proc Method : h:\data\ic4\chr7qa06 from h:\data\ic4\20070220\20070220006.rst
Calib Method : h:\data\ic4\chr7qa06 from h:\data\ic4\20070220\20070220006.rst
Report Format File: h:\data\ic4\chrom6w.rpt
Sequence File : H:\DATA\IC4\20070220\20070220.seq

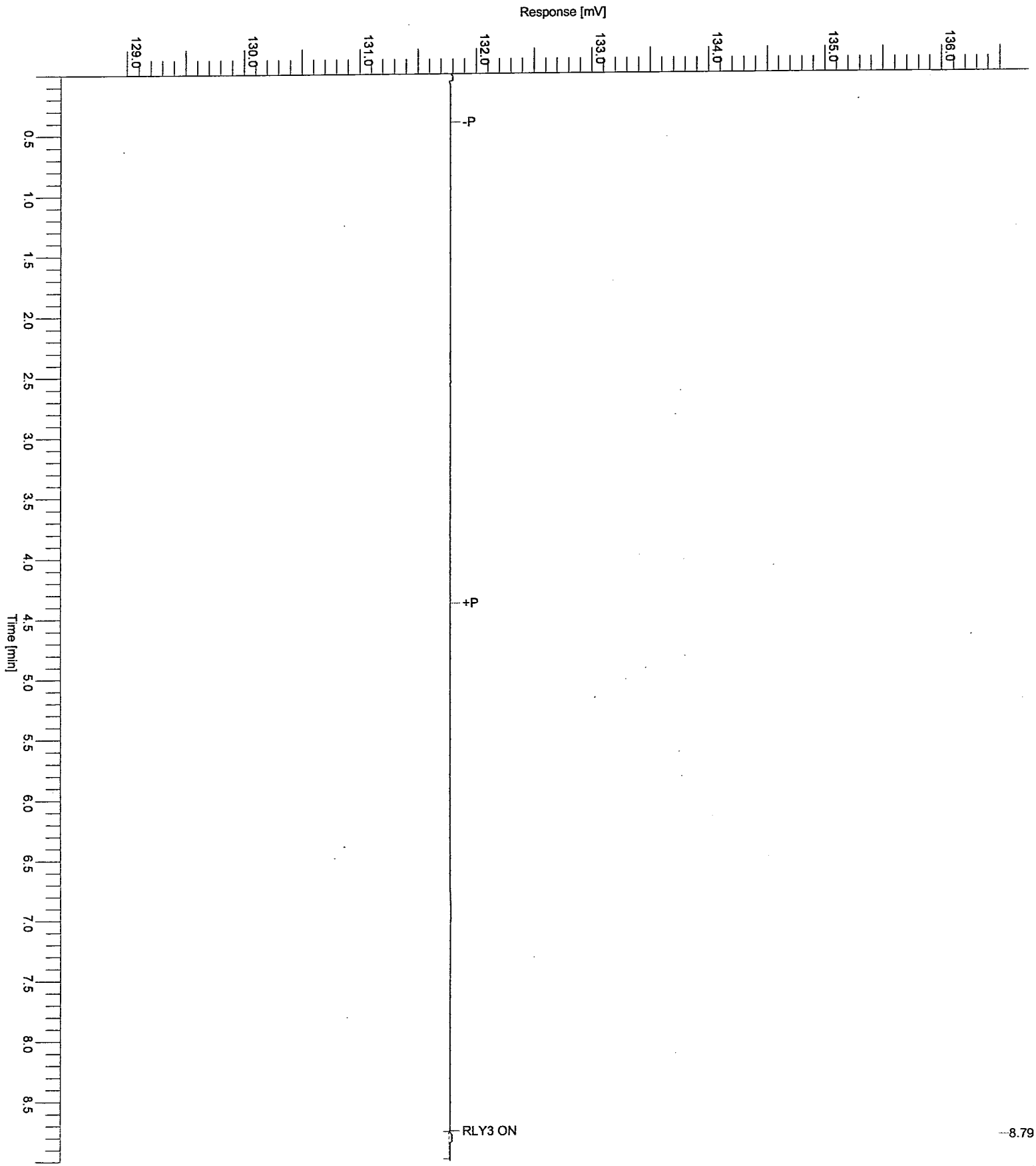
CHROM6

Peak #	Time [min]	Component Name	Area [µV·s]	Height [µV]	Raw Amount	Adjusted Amount	Cal. Range
-	6.610	chrom6	0.00	0.00000	0.0000	0.0000	
			0.00	0.00000	0.0000	0.0000	

Report stored in ASCII file: h:\data\ic4\20070220\20070220006.TX0

Chromatogram

Sample Name : 0PPB Sample #: 7B20058
FileName : h:\data\ic4\20070220\20070220006.raw
Date : 2/20/2007 9:50:39 AM
Method : chr7qa06.mth Time of Injection: 2/20/2007 9:41:21 AM
Start Time : 0.00 min End Time : 9.00 min Low Point : 129.00 mV High Point : 136.50 mV
Plot Offset: 129.00 mV Plot Scale: 7.5 mV



Software Version	: 6.2.1.0.106:0106	Date	: 2/20/2007 10:01:36 AM
Reprocess Number	: ic2: 79103		
Operator	: inorg	Sample Name	: 0.3PPB
Sample Number	: 7B20058	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX4	Channel	: A
Interface Serial #	: 2100574712	A/D mV Range	: 1000
Delay Time	: 0.30 min	End Time	: 9.00 min
Sampling Rate	: 20.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 2/20/2007 9:52:19 AM	Cycle	: 7

Raw Data File : h:\data\ic4\20070220\20070220007.raw
Result File : h:\data\ic4\20070220\20070220007.rst
Inst Method : h:\data\ic4\chr7qa06 from h:\data\ic4\20070220\20070220007.raw
Proc Method : h:\data\ic4\chr7qa06 from h:\data\ic4\20070220\20070220007.rst
Calib Method : h:\data\ic4\chr7qa06 from h:\data\ic4\20070220\20070220007.rst
Report Format File: h:\data\ic4\chrom6w.rpt
Sequence File : H:\DATA\IC4\20070220\20070220.seq

CHROM6

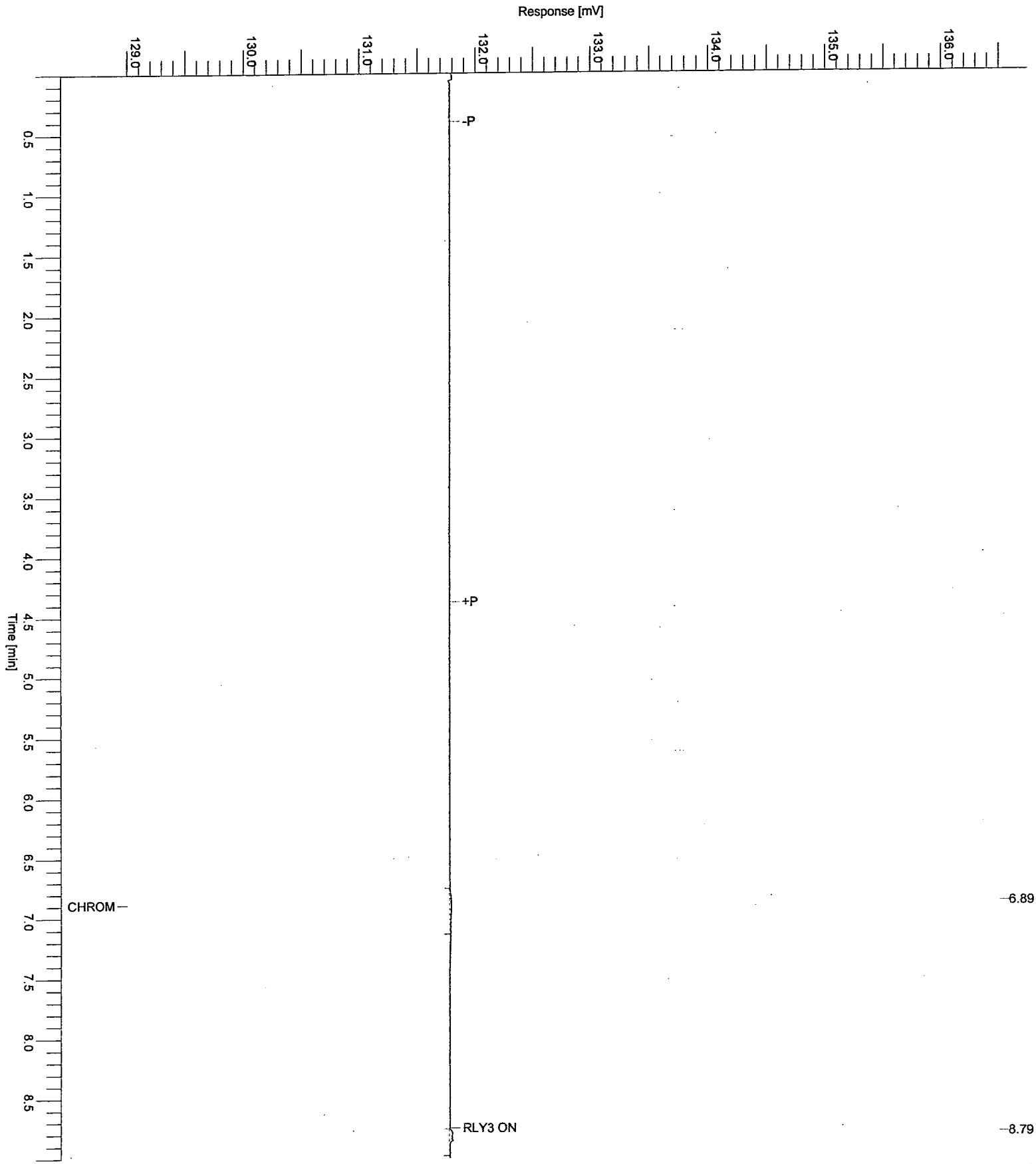
Peak #	Time [min]	Component Name	Area [µV·s]	Height [µV]	Raw Amount	Adjusted Amount	Cal. Range
1	6.889	chrom6	224.80	19.16565	0.5177	0.5177	*
			224.80	19.16565	0.5177	0.5177	

* Warning -- uncalibrated levels encountered

Report stored in ASCII file: h:\data\ic4\20070220\20070220007.TX0

Chromatogram

Sample Name : 0.3PPB Sample #: 7B20058
FileName : h:\data\ic4\20070220\20070220007.raw
Date : 2/20/2007 10:01:41 AM
Method : chr7qa06.mth Time of Injection: 2/20/2007 9:52:19 AM
Start Time : 0.00 min End Time : 9.00 min Low Point : 129.00 mV High Point : 136.50 mV
Plot Offset: 129.00 mV Plot Scale: 7.5 mV



Software Version	: 6.2.1.0.106:0106	Date	: 2/20/2007 10:12:33 AM
Reprocess Number	: ic2: 79105		
Operator	: inorg	Sample Name	: 1.0PPB
Sample Number	: 7B20058	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX4	Channel	: A
Interface Serial #	: 2100574712	A/D mV Range	: 1000
Delay Time	: 0.30 min	End Time	: 9.00 min
Sampling Rate	: 20.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 2/20/2007 10:03:16 AM	Cycle	: 8

Raw Data File : h:\data\ic4\20070220\20070220008.raw
Result File : h:\data\ic4\20070220\20070220008.rst
Inst Method : h:\data\ic4\chr7qa06 from h:\data\ic4\20070220\20070220008.raw
Proc Method : h:\data\ic4\chr7qa06 from h:\data\ic4\20070220\20070220008.rst
Calib Method : h:\data\ic4\chr7qa06 from h:\data\ic4\20070220\20070220008.rst
Report Format File: h:\data\ic4\chrom6w.rpt
Sequence File : H:\DATA\IC4\20070220\20070220.seq

CHROM6

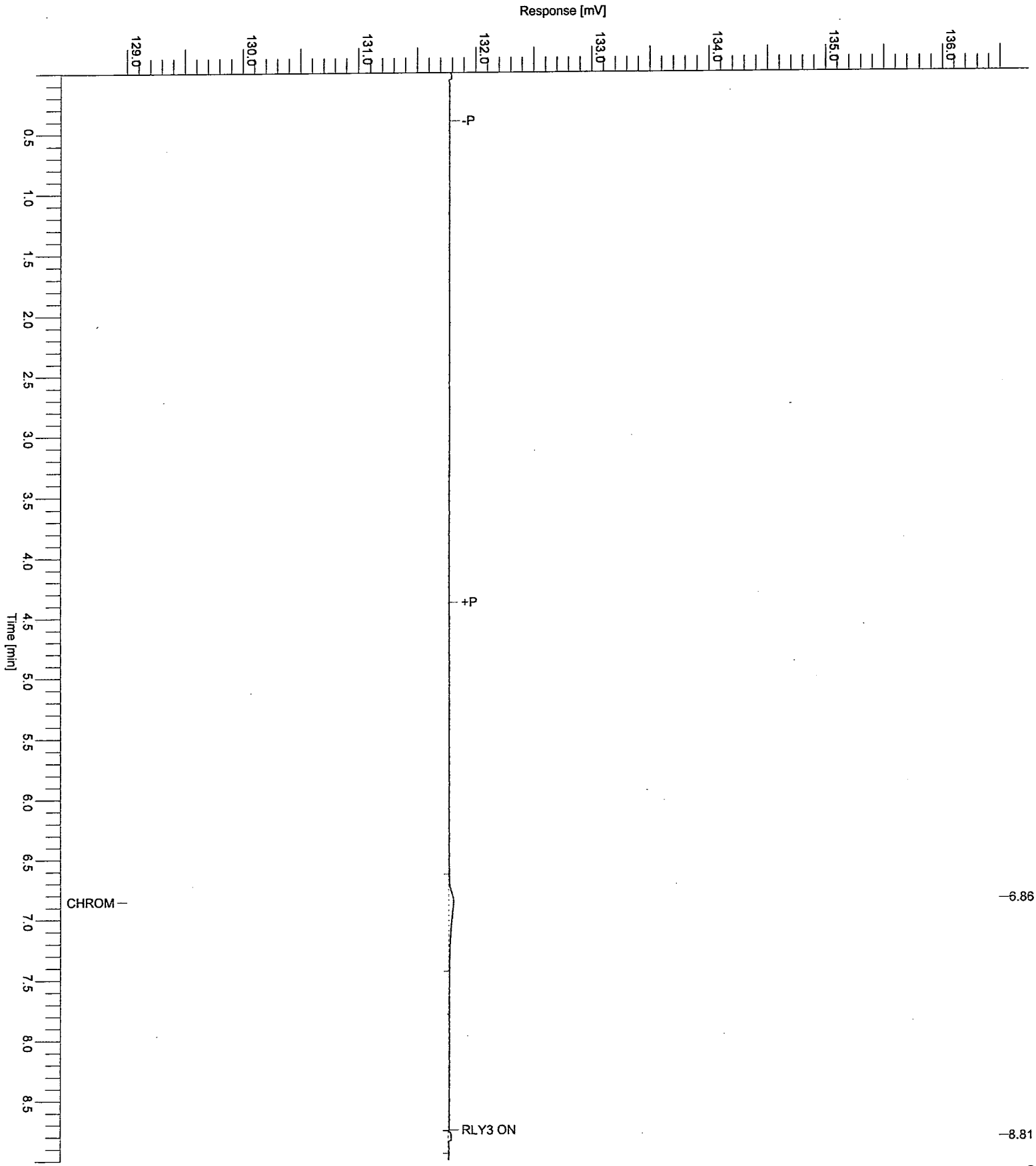
Peak #	Time [min]	Component Name	Area [µV·s]	Height [µV]	Raw Amount	Adjusted Amount	Cal. Range
1	6.856	chrom6	868.40	45.61205	1.3306	1.3306	*
			868.40	45.61205	1.3306	1.3306	

* Warning -- uncalibrated levels encountered

Report stored in ASCII file: h:\data\ic4\20070220\20070220008.TX0

Chromatogram

Sample Name : 1.0PPB Sample #: 7B20058
FileName : h:\data\ic4\20070220\20070220008.raw
Date : 2/20/2007 10:12:38 AM
Method : chr7qa06.mth Time of Injection: 2/20/2007 10:03:16 AM
Start Time : 0.00 min End Time : 9.00 min Low Point : 129.00 mV High Point : 136.50 mV
Plot Offset: 129.00 mV Plot Scale: 7.5 mV



Software Version	: 6.2.1.0.106:0106	Date	: 2/20/2007 10:23:31 AM
Reprocess Number	: ic2: 79107		
Operator	: inorg	Sample Name	: 5.0PPB
Sample Number	: 7B20058	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX4	Channel	: A
Interface Serial #	: 2100574712	A/D mV Range	: 1000
Delay Time	: 0.30 min	End Time	: 9.00 min
Sampling Rate	: 20.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 2/20/2007 10:14:14 AM	Cycle	: 9

Raw Data File : h:\data\ic4\20070220\20070220009.raw
Result File : h:\data\ic4\20070220\20070220009.rst
Inst Method : h:\data\ic4\chr7qa06 from h:\data\ic4\20070220\20070220009.raw
Proc Method : h:\data\ic4\chr7qa06 from h:\data\ic4\20070220\20070220009.rst
Calib Method : h:\data\ic4\chr7qa06 from h:\data\ic4\20070220\20070220009.rst
Report Format File: h:\data\ic4\chrom6w.rpt
Sequence File : H:\DATA\IC4\20070220\20070220.seq

CHROM6

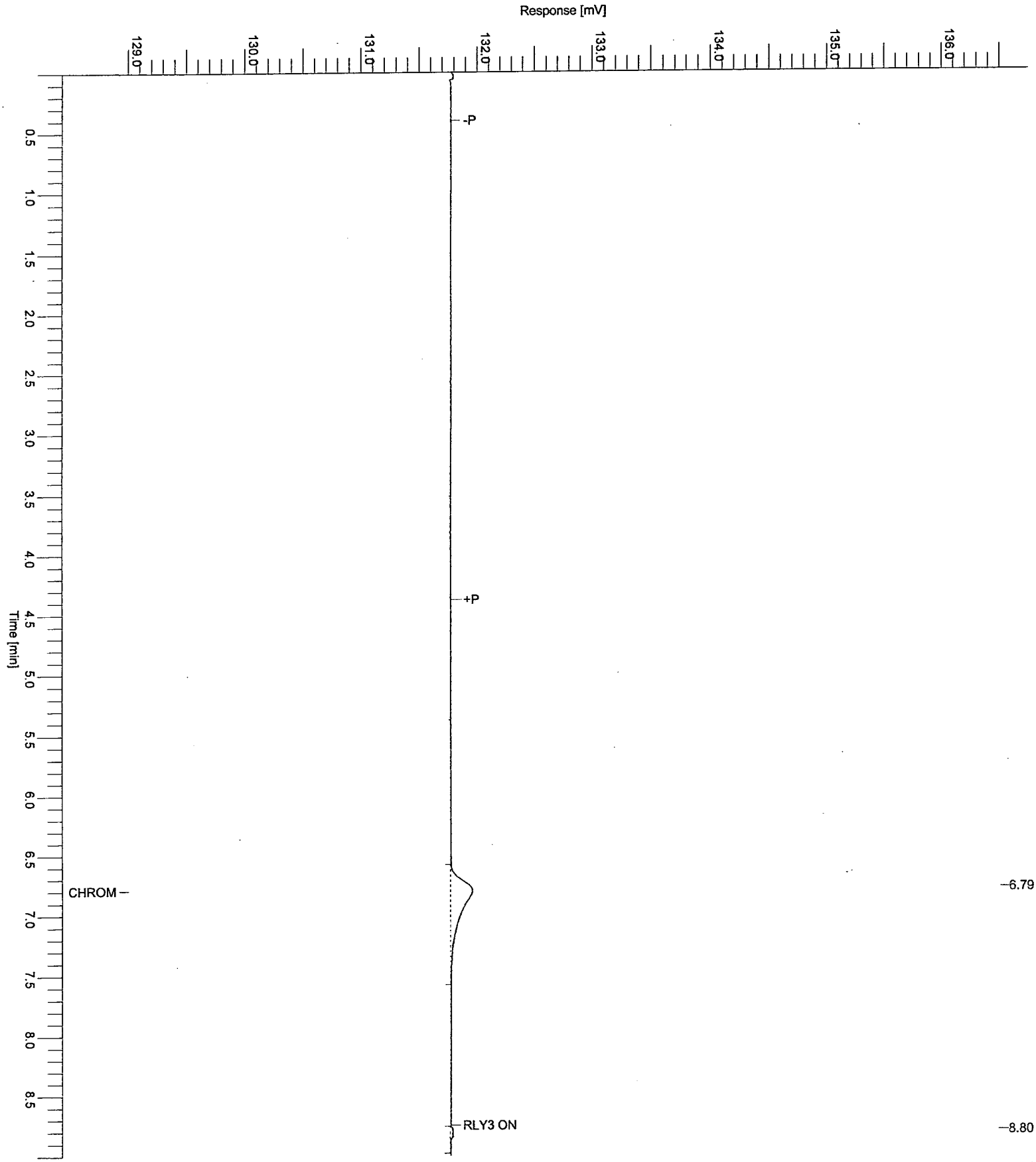
Peak #	Time [min]	Component Name	Area [µV·s]	Height [µV]	Raw Amount	Adjusted Amount	Cal. Range
1	6.793	chrom6	3685.85	189.52410	5.7543	5.7543	*
			3685.85	189.52410	5.7543	5.7543	

* Warning -- uncalibrated levels encountered

Report stored in ASCII file: h:\data\ic4\20070220\20070220009.TX0

Chromatogram

Sample Name : 5.0PPB Sample #: 7B20058 Page 1 of 1
FileName : h:\data\ic4\20070220\20070220009.raw
Date : 2/20/2007 10:23:35 AM
Method : chr7qa06.mth Time of Injection: 2/20/2007 10:14:14 AM
Start Time : 0.00 min End Time : 9.00 min Low Point : 129.00 mV High Point : 136.50 mV
Plot Offset: 129.00 mV Plot Scale: 7.5 mV



Software Version	: 6.2.1.0.106:0106	Date	: 2/20/2007 10:34:26 AM
Reprocess Number	: ic2: 79109		
Operator	: inorg	Sample Name	: 10PPB
Sample Number	: 7B20058	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX4	Channel	: A
Interface Serial #	: 2100574712	A/D mV Range	: 1000
Delay Time	: 0.30 min	End Time	: 9.00 min
Sampling Rate	: 20.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 2/20/2007 10:25:11 AM	Cycle	: 10

Raw Data File : h:\data\ic4\20070220\20070220010.raw
Result File : h:\data\ic4\20070220\20070220010.rst
Inst Method : h:\data\ic4\chr7qa06 from h:\data\ic4\20070220\20070220010.raw
Proc Method : h:\data\ic4\chr7qa06 from h:\data\ic4\20070220\20070220010.rst
Calib Method : h:\data\ic4\chr7qa06 from h:\data\ic4\20070220\20070220010.rst
Report Format File: h:\data\ic4\chrom6w.rpt
Sequence File : H:\DATA\IC4\20070220\20070220.seq

CHROM6

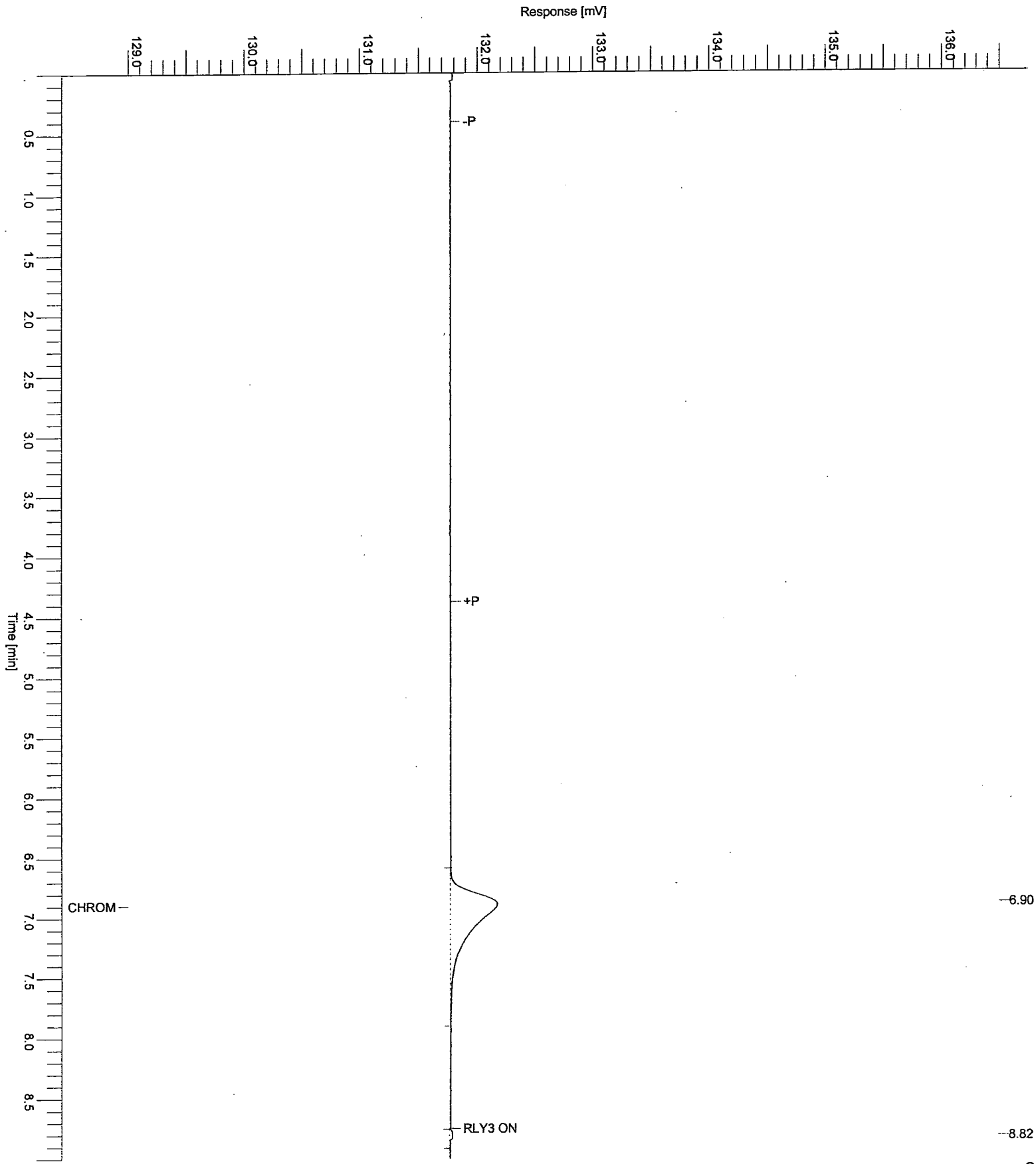
Peak #	Time [min]	Component Name	Area [µV·s]	Height [µV]	Raw Amount	Adjusted Amount	Cal. Range
1	6.898	chrom6	8418.40	406.26714	12.4166	12.4166	*
			8418.40	406.26714	12.4166	12.4166	

* Warning -- uncalibrated levels encountered

Report stored in ASCII file: h:\data\ic4\20070220\20070220010.TX0

Chromatogram

Sample Name : 10PPB Sample #: 7B20058 Page 1 of 1
FileName : h:\data\ic4\20070220\20070220010.raw
Date : 2/20/2007 10:34:31 AM
Method : chr7qa06.mth Time of Injection: 2/20/2007 10:25:11 AM
Start Time : 0.00 min End Time : 9.00 min Low Point : 129.00 mV High Point : 136.50 mV
Plot Offset: 129.00 mV Plot Scale: 7.5 mV



Software Version	: 6.2.1.0.106:0106	Date	: 2/20/2007 10:45:22 AM
Reprocess Number	: ic2: 79111		
Operator	: inorg	Sample Name	: 25PPB
Sample Number	: 7B20058	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX4	Channel	: A
Interface Serial #	: 2100574712	A/D mV Range	: 1000
Delay Time	: 0.30 min	End Time	: 9.00 min
Sampling Rate	: 20.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 2/20/2007 10:36:09 AM	Cycle	: 11

Raw Data File : h:\data\ic4\20070220\20070220011.raw
Result File : h:\data\ic4\20070220\20070220011.rst
Inst Method : h:\data\ic4\chr7qa06 from h:\data\ic4\20070220\20070220011.raw
Proc Method : h:\data\ic4\chr7qa06 from h:\data\ic4\20070220\20070220011.rst
Calib Method : h:\data\ic4\chr7qa06 from h:\data\ic4\20070220\20070220011.rst
Report Format File: h:\data\ic4\chrom6w.rpt
Sequence File : H:\DATA\IC4\20070220\20070220.seq

CHROM6

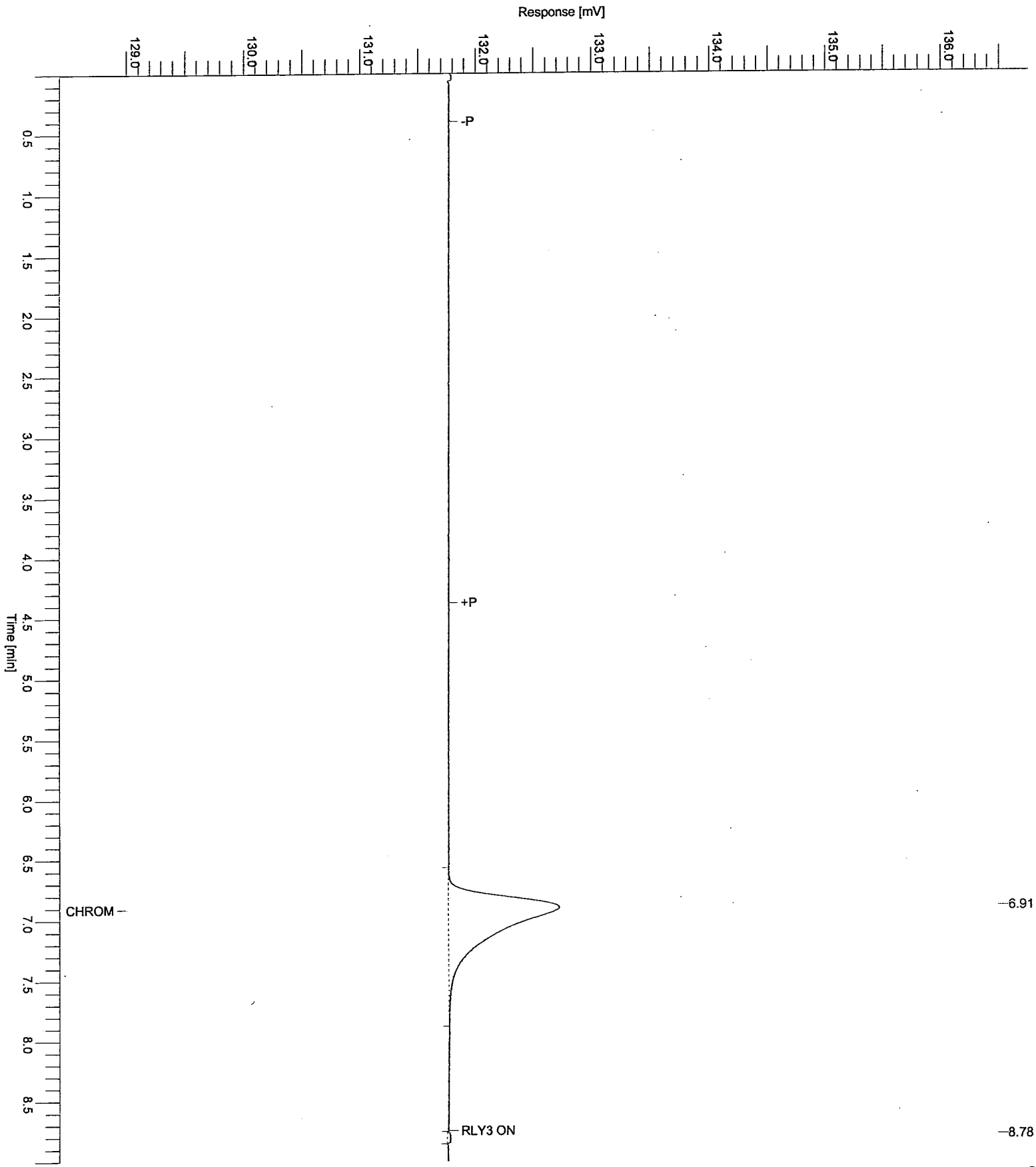
Peak #	Time [min]	Component Name	Area [µV·s]	Height [µV]	Raw Amount	Adjusted Amount	Cal. Range
1	6.911	chrom6	18668.90	966.19359	29.6279	29.6279	*
			18668.90	966.19359	29.6279	29.6279	

* Warning – uncalibrated levels encountered

Report stored in ASCII file: h:\data\ic4\20070220\20070220011.TX0

Chromatogram

Sample Name : 25PPB Sample #: 7B20058 Page 1 of 1
FileName : h:\data\ic4\20070220\20070220011.raw
Date : 2/20/2007 10:45:27 AM
Method : chr7qa06.mth Time of Injection: 2/20/2007 10:36:09 AM
Start Time : 0.00 min End Time : 9.00 min Low Point : 129.00 mV High Point : 136.50 mV
Plot Offset: 129.00 mV Plot Scale: 7.5 mV



Software Version	: 6.2.1.0.106:0106	Date	: 2/20/2007 11:47:36 AM
Reprocess Number	: ic2: 79121		
Operator	: inorg	Sample Name	: 50PPB
Sample Number	: 7B20058	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX4	Channel	: A
Interface Serial #	: 2100574712	A/D mV Range	: 1000
Delay Time	: 0.30 min	End Time	: 9.00 min
Sampling Rate	: 20.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 2/20/2007 11:38:23 AM	Cycle	: 15

Raw Data File : h:\data\ic4\20070220\20070220015.raw
Result File : h:\data\ic4\20070220\20070220015.rst
Inst Method : h:\data\ic4\chr7qa06 from h:\data\ic4\20070220\20070220015.raw
Proc Method : h:\data\ic4\chr7qa06 from h:\data\ic4\20070220\20070220015.rst
Calib Method : h:\data\ic4\chr7qa06 from h:\data\ic4\20070220\20070220015.rst
Report Format File: h:\data\ic4\chrom6w.rpt
Sequence File : H:\DATA\IC4\20070220\20070220.seq

CHROM6

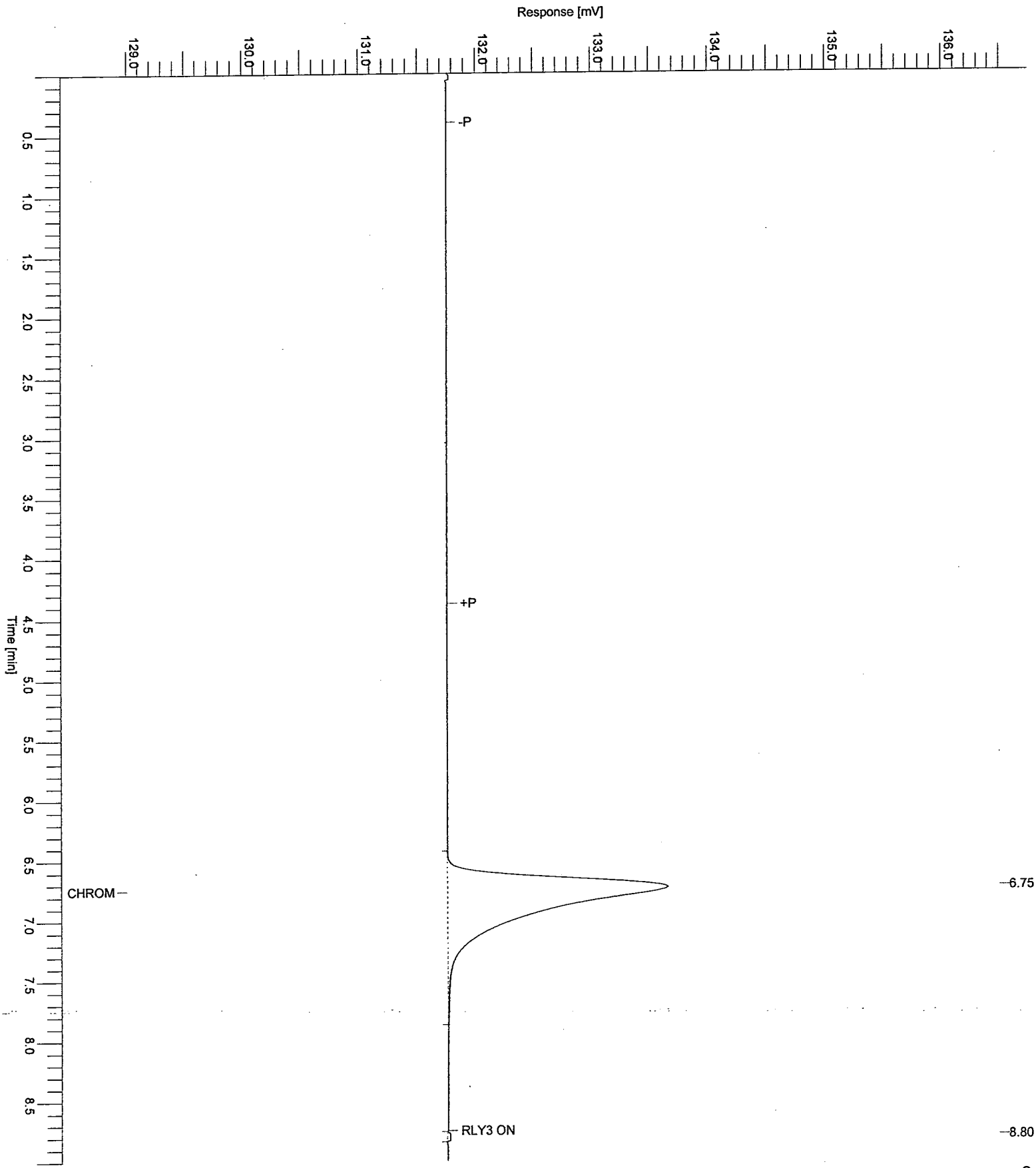
Peak #	Time [min]	Component Name	Area [µV·s]	Height [µV]	Raw Amount	Adjusted Amount	Cal. Range
1	6.749	chrom6	34433.50	1.903e+03	58.4130	58.4130	*
			34433.50	1.903e+03	58.4130	58.4130	

* Warning -- uncalibrated levels encountered

Report stored in ASCII file: h:\data\ic4\20070220\20070220015.TX0

Chromatogram

Sample Name : 50PPB Sample #: 7B20058
FileName : h:\data\ic4\20070220\20070220015.raw
Date : 2/20/2007 11:47:41 AM
Method : chr7qa06.mth Time of Injection: 2/20/2007 11:38:23 AM
Start Time : 0.00 min End Time : 9.00 min Low Point : 129.00 mV High Point : 136.50 mV
Plot Offset: 129.00 mV Plot Scale: 7.5 mV



Software Version	: 6.2.1.0.106:0106	Date	: 2/20/2007 11:29:46 AM
Reprocess Number	: ic2: 79119		
Operator	: inorg	Sample Name	: 75PPB
Sample Number	: 7B20058	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX4	Channel	: A
Interface Serial #	: 2100574712	A/D mV Range	: 1000
Delay Time	: 0.30 min	End Time	: 9.00 min
Sampling Rate	: 20.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 2/20/2007 11:20:30 AM	Cycle	: 14

Raw Data File : h:\data\ic4\20070220\20070220014.raw
Result File : h:\data\ic4\20070220\20070220014.rst
Inst Method : h:\data\ic4\chr7qa06 from h:\data\ic4\20070220\20070220014.raw
Proc Method : h:\data\ic4\chr7qa06 from h:\data\ic4\20070220\20070220014.rst
Calib Method : h:\data\ic4\chr7qa06 from h:\data\ic4\20070220\20070220014.rst
Report Format File: h:\data\ic4\chrom6w.rpt
Sequence File : H:\DATA\IC4\20070220\20070220.seq

CHROM6

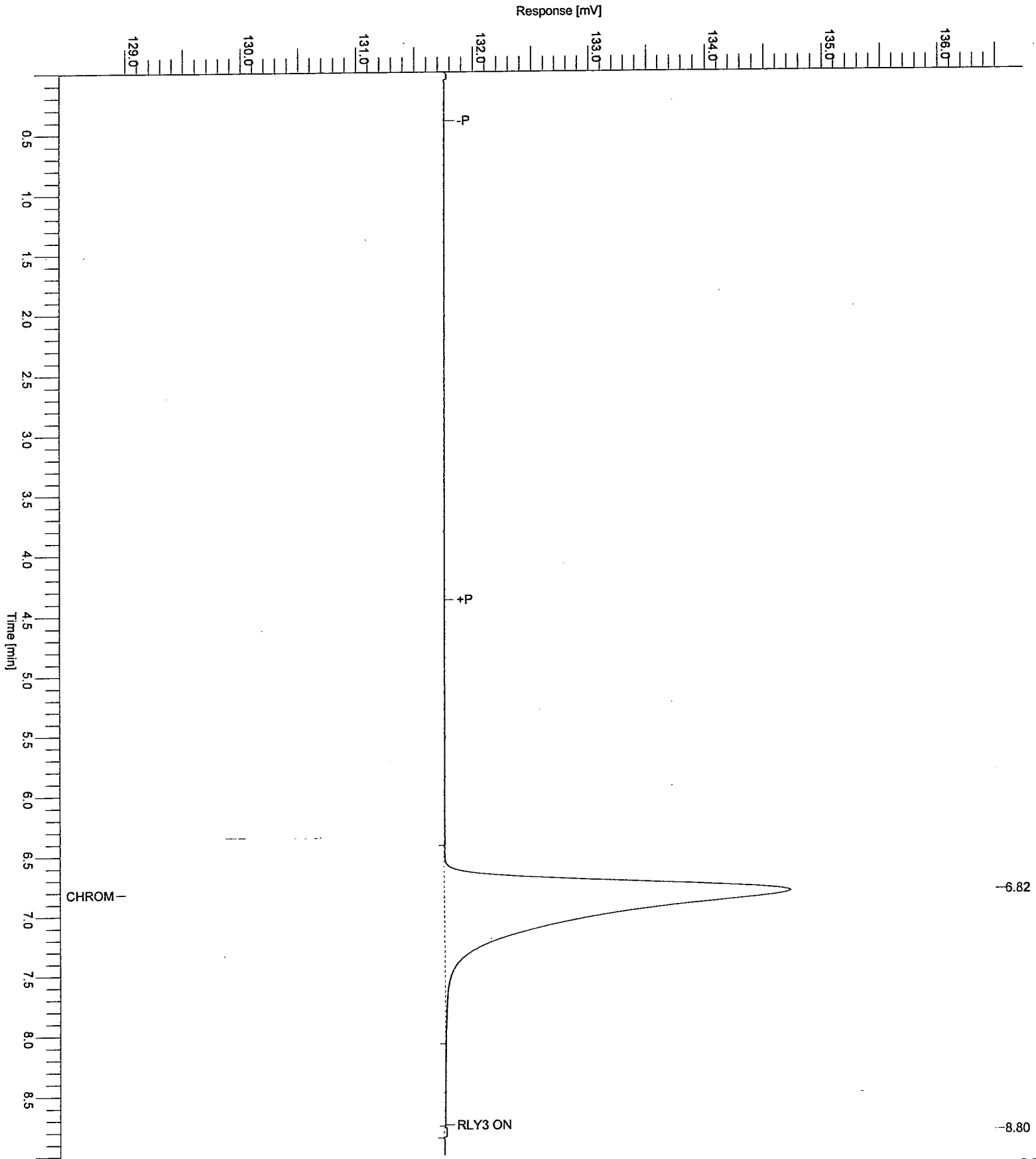
Peak #	Time [min]	Component Name	Area [µV·s]	Height [µV]	Raw Amount	Adjusted Amount	Cal. Range
1	6.821	chrom6	57117.50	2.982e+03	91.5791	91.5791	*
			57117.50	2.982e+03	91.5791	91.5791	

* Warning -- uncalibrated levels encountered

Report stored in ASCII file: h:\data\ic4\20070220\20070220014.TX0

Chromatogram

Sample Name : 75PPB Sample #: 7B20058 Page 1 of 1
FileName : h:\data\ic4\20070220\20070220014.raw
Date : 2/20/2007 11:29:51 AM
Method : chr7qa06.mth Time of Injection: 2/20/2007 11:20:30 AM
Start Time : 0.00 min End Time : 9.00 min Low Point : 129.00 mV High Point : 136.50 mV
Plot Offset: 129.00 mV Plot Scale: 7.5 mV



Software Version	: 6.2.1.0.106:0106	Date	: 2/20/2007 12:03:46 PM
Reprocess Number	: ic2: 79123		
Operator	: inorg	Sample Name	: ICV 50PPB
Sample Number	: 7B20058	Study	: 7020300
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX4	Channel	: A
Interface Serial #	: 2100574712	A/D mV Range	: 1000
Delay Time	: 0.30 min	End Time	: 9.00 min
Sampling Rate	: 20.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 2/20/2007 11:54:29 AM	Cycle	: 16

Raw Data File : h:\data\ic4\20070220\20070220016.raw
Result File : h:\data\ic4\20070220\20070220016.rst
Inst Method : h:\data\ic4\chr6qb20 from h:\data\ic4\20070220\20070220016.raw
Proc Method : h:\data\ic4\chr6qb20 from h:\data\ic4\20070220\20070220016.rst
Calib Method : h:\data\ic4\chr6qb20 from h:\data\ic4\20070220\20070220016.rst
Report Format File: h:\data\ic4\chrom6w.rpt
Sequence File : H:\DATA\IC4\20070220\20070220.seq

CHROM6

Peak #	Time [min]	Component Name	Area [µV·s]	Height [µV]	Raw Amount	Adjusted Amount	Cal. Range
1	6.768	chrom6	31691.05	1.875e+03	47.8255	47.8255	*
			31691.05	1.875e+03	47.8255	47.8255	

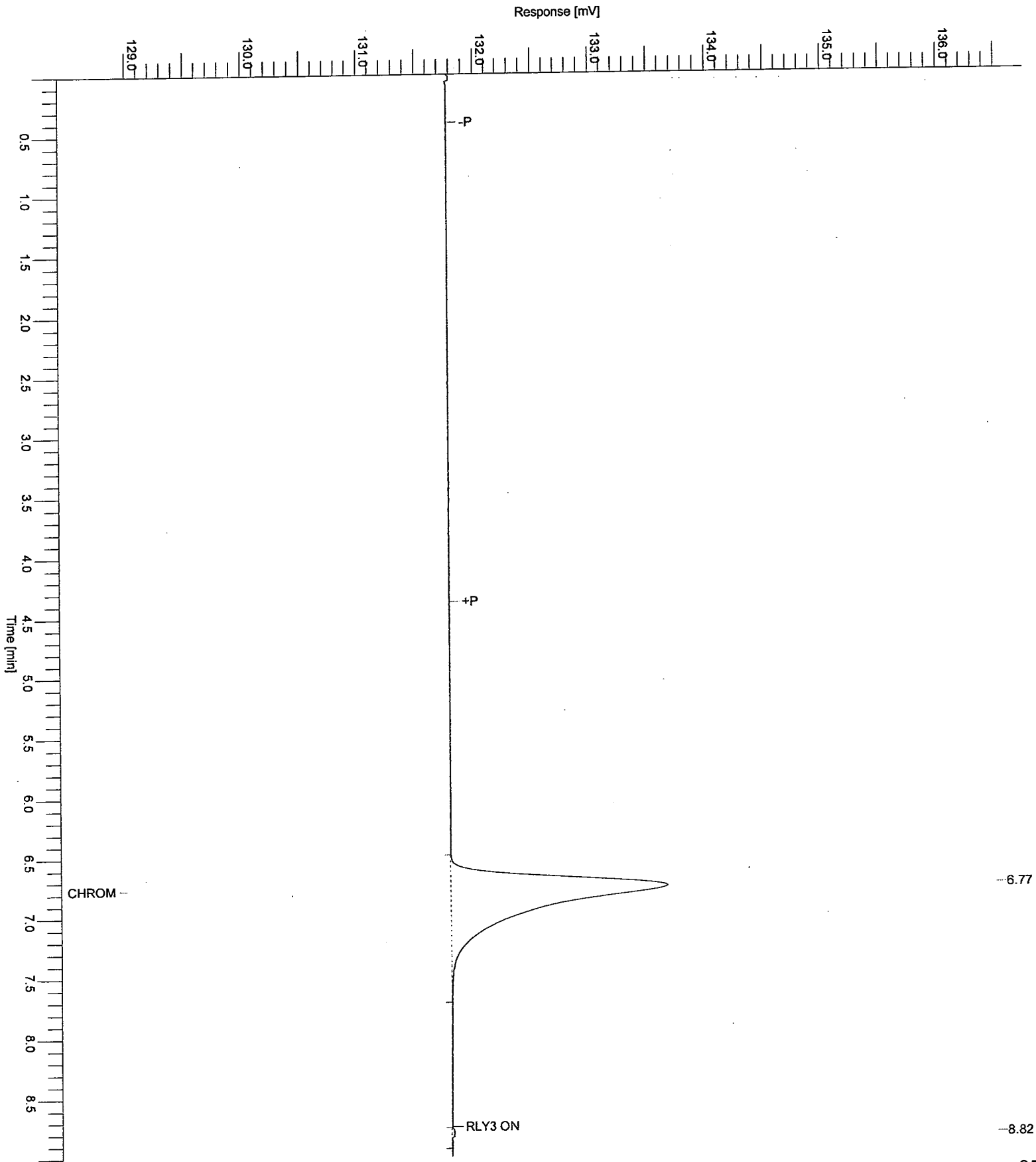
* Warning -- uncalibrated levels encountered

Report stored in ASCII file: h:\data\ic4\20070220\20070220016.TX0

Chromatogram

Sample Name : ICV 50PPB
Sample #: 7B20058

FileName : h:\data\ic4\20070220\20070220016.raw
Date : 2/20/2007 12:03:51 PM
Method : chr6qb20.mth
Time of Injection: 2/20/2007 11:54:29 AM
Start Time : 0.00 min
End Time : 9.00 min
Low Point : 129.00 mV
High Point : 136.50 mV
Plot Offset: 129.00 mV
Plot Scale: 7.5 mV



TotalChrom Sequence File H:\DATA\IC4\20070302\20070302.seq
Printed by : inorg on: 3/9/2007 4:34:03 PM
Created by : inorg on: 3/2/2007 7:29:58 AM
Edited by : inorg on: 3/2/2007 9:04:38 PM
Number of Times Edited : 7
Description:

Sequence File Header Information:
Number of Rows : 156
Instrument Type : 900 Series Intelligent Interface
Injection Type : SINGLE
Raw tokens channel A :
Result tokens channel A :
Modified tokens channel A :
Raw tokens channel B :
Result tokens channel B :
Modified tokens channel B :

Sequence Sample Descriptions - Channel A

Row	Type	Name	Number	Study name	Sample Amt	Sample Vol	Dil Factor	Multiplier	Divisor	Addend	Norm Factor
1	Sample	IB	7C02041		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
2	Sample	7C02041-BS1	7C02041	7020299	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
3	Sample	7C02041-BLK1	7C02041		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
4	Sample	IQC0161-04	7C02041		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
5	Sample	IQC0161-06	7C02041		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
6	Sample	IQC0161-07	7C02041		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
7	Sample	7C02041-MS1	7C02041	IQC0161-04	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
8	Sample	7C02041-MSD1	7C02041	IQC0161-04	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
9	Sample	CCV	7C02041		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
10	Sample	CCB	7C02041		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
11	Sample	7C02041-MS1	7C02041	IQC0161-04	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
12	Sample	7C02041-MSD1	7C02041	IQC0161-04	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
13	Sample	CCV	7C02041		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
14	Sample	CCB	7C02041		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
15	Sample	BLK	7C02041		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
16	Sample	BLK	7C02041		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
17	Sample	CCV	7C02041		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
18	Sample	CCB	7C02041		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
19	Sample	IQC0291-01	7C02041		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
20	Sample	IQC0291-02	7C02041		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
21	Sample	IQC0291-03	7C02041		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
22	Sample	IQC0291-04	7C02041		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
23	Sample	IQC0291-05	7C02041		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
24	Sample	IQC0291-06	7C02041		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
25	Sample	IQC0302-05	7C02041		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
26	Sample	IQC0302-07	7C02041		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
27	Sample	7C02041-MS1	7C02041	IQC0291-01	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
28	Sample	7C02041-MSD1	7C02041	IQC0291-01	1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
29	Sample	CCV	7C02041		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
30	Sample	CCB	7C02041		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
31	Sample		7C02041		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
32	Sample		7C02041		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
33	Sample		7C02041		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
34	Sample		7C02041		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
35	Sample		7C02041		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
36	Sample		7C02041		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
37	Sample		7C02041		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
38	Sample		7C02041		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
39	Sample		7C02041		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
40	Sample		7C02041		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
41	Sample		7C02041		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
42	Sample		7C02041		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
43	Sample		7C02041		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
44	Sample		7C02041		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
45	Sample		7C02041		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
46	Sample		7C02041		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
47	Sample		7C02041		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
48	Sample		7C02041		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
49	Sample		7C02041		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
50	Sample		7C02041		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
51	Sample		7C02041		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
52	Sample		7C02041		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
53	Sample		7C02041		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
54	Sample		7C02041		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
55	Sample		7C02041		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
56	Sample		7C02041		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
57	Sample		7C02041		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
58	Sample		7C02041		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
59	Sample		7C02041		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
60	Sample		7C02041		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
61	Sample		7C02041		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
62	Sample		7C02041		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000
63	Sample		7C02041		1.000000	1.000	1.000000	1.000000	1.000000	0.000000	100.000

PREPARATION BENCH SHEET

7C02041

TestAmerica - Irvine, CA

Printed: 3/9/2007 4:48:32PM

Matrix: Water **Prepared using: Wet Chemistry - General Prep** **(No Surrogate)**

Lab Number	C	Analysis	Prepared	Initial (ml)	Final (ml)	Source ID	Spike 1	ul Spike	Spike 2	ul Spike	ul Surrogate	Initials			Extraction Comments
7C02041-BLK1		QC	03/02/07 08:00	10	10										
7C02041-BS1		QC	03/02/07 08:00	10	10		7020299	100							
7C02041-MS1		QC	03/02/07 08:00	10	10	IQC0291-01	7020299	100							
7C02041-MSD1		QC	03/02/07 08:00	10	10	IQC0291-01	7020299	100							
IQC0161-04	H	Chromium VI-7199	03/02/07 09:00	10	10										
IQC0161-06	H	Chromium VI-7199	03/02/07 09:00	10	10										
IQC0161-07	H	Chromium VI-7199	03/02/07 09:00	10	10										
IQC0291-01	A	Chromium VI-7199	03/02/07 20:42	10	10										Added for BatchQC in: 7C02041
IQC0291-01	A	Chromium VI-218.6 (0	03/02/07 20:42	10	10										
IQC0291-02	A	Chromium VI-218.6 (0	03/02/07 20:42	10	10										
IQC0291-03	A	Chromium VI-218.6 (0	03/02/07 20:42	10	10										
IQC0291-04	A	Chromium VI-218.6 (0	03/02/07 20:42	10	10										
IQC0291-05	A	Chromium VI-218.6 (0	03/02/07 20:42	10	10										
IQC0302-05	D	Chromium VI-7199	03/02/07 20:42	10	10										J flag
IQC0302-07	A	Chromium VI-7199	03/02/07 20:42	10	10										J flag

Reagents used in Batch

Reagent	Description	Solvent

Spiking Witnessed By Date

Preparation Reviewed By 3/13/7 Date

Extracts Received By Date

37

DAILY DATA CHECKLIST

EPA 7199 & 218.6 – Hexavalent Chromium by IC

Analyst:	CP	2nd Level Review:	[illegible]
Analysis Date:	3/2/17	Date:	3/13/17
IC #:	4	Original Calibration date:	2/20/17
Method used:	300.0	Original Calibration file #:	Cr6 [illegible]
QC Batches:	7C02041		

~~6120524~~

7020299

Analyst Rev	2nd Level Rev	
✓	✓	New sequence file created for each day of analysis
✓	✓	Daily IPC: %REC = 90 - 110 for EPA 7199 %REC = 95 - 105 for EPA 218.6
✓	✓	ICB/CCB: After IPC/CCB and < RL
✓	✓	CCV: Every 10 samples and at end of run. %REC = 90 - 110 for EPA7199 %REC = 95 - 105 for EPA 218.6
✓	✓	Method Blank: Every batch of 20 samples or less and < RL
✓	✓	LCS: Every batch of 20 samples or less • Water samples (EPA 7199 & 218.6): %REC = 90-110 % or in-house limits • Soil samples (EPA 7199): in-house limits
✓	✓	MS/MSD: EPA 7199 : every 20 samples or less EPA 218.6: 1MS every 10 samples and 1MSD every 20 samples or less • EPA 7199: %REC (soluble Cr6) = 75-125% or in-house limits • EPA 7199: %REC (insoluble Cr6, soil samples) = 75-125% or in-house limits • EPA 218.6: %REC = 90-110% or in-house limits
		All samples adusted to proper pH (9.0-9.5), dilution factors, retention time, integration, peak shape, linear range, transcription errors and frequency between compliant CCV/CCB

Comments: MS/MSD %R > 115% due to matrix interference

Software Version	: 6.2.1.0.106:0106	Date	: 3/2/2007 8:52:30 AM
Reprocess Number	: ic2: 80389		
Operator	: inorg	Sample Name	: IB
Sample Number	: 7C02041	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX4	Channel	: A
Interface Serial #	: 2100574712	A/D mV Range	: 1000
Delay Time	: 0.30 min	End Time	: 9.00 min
Sampling Rate	: 20.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/2/2007 8:43:15 AM	Cycle	: 1

Raw Data File : h:\data\ic4\20070302\20070302001.raw
Result File : h:\data\ic4\20070302\20070302001.rst
Inst Method : h:\data\ic4\chr6qb20 from h:\data\ic4\20070302\20070302001.raw
Proc Method : h:\data\ic4\chr6qb20 from h:\data\ic4\20070302\20070302001.rst
Calib Method : h:\data\ic4\chr6qb20 from h:\data\ic4\20070302\20070302001.rst
Report Format File: h:\data\ic4\chrom6w.rpt
Sequence File : H:\DATA\IC4\20070302\20070302.seq

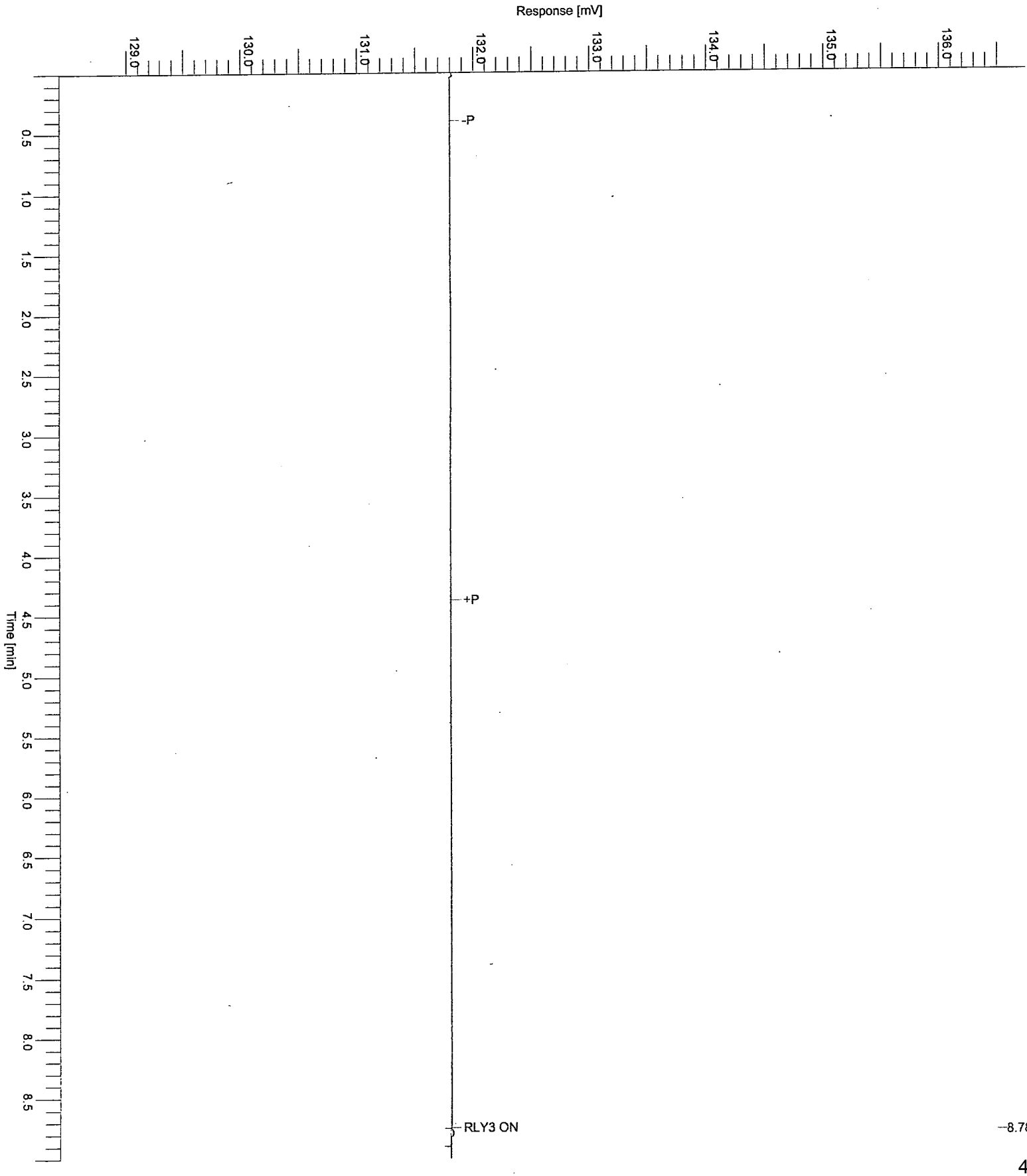
CHROM6

Peak #	Time [min]	Component Name	Area [µV·s]	Height [µV]	Raw Amount	Adjusted Amount	Cal. Range
-	6.845	chrom6	0.00	0.00000	0.0000	0.0000	
			0.00	0.00000	0.0000	0.0000	

Report stored in ASCII file: h:\data\ic4\20070302\20070302001.TX0

Chromatogram

Sample Name : IB Sample #: 7C02041 Page 1 of 1
FileName : h:\data\ic4\20070302\20070302001.raw
Date : 3/2/2007 8:52:35 AM
Method : chr6qb20.mth Time of Injection: 3/2/2007 8:43:15 AM
Start Time : 0.00 min End Time : 9.00 min Low Point : 129.00 mV High Point : 136.50 mV
Plot Offset: 129.00 mV Plot Scale: 7.5 mV



Software Version	: 6.2.1.0.106:0106	Date	: 3/2/2007 9:03:28 AM
Reprocess Number	: ic2: 80390		
Operator	: inorg	Sample Name	: 7C02041-BS1
Sample Number	: 7C02041	Study	: 7020299
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX4	Channel	: A
Interface Serial #	: 2100574712	A/D mV Range	: 1000
Delay Time	: 0.30 min	End Time	: 9.00 min
Sampling Rate	: 20.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/2/2007 8:54:13 AM	Cycle	: 2

Raw Data File : h:\data\ic4\20070302\20070302002.raw
Result File : h:\data\ic4\20070302\20070302002.rst
Inst Method : h:\data\ic4\chr6qb20 from h:\data\ic4\20070302\20070302002.raw
Proc Method : h:\data\ic4\chr6qb20 from h:\data\ic4\20070302\20070302002.rst
Calib Method : h:\data\ic4\chr6qb20 from h:\data\ic4\20070302\20070302002.rst
Report Format File: h:\data\ic4\chrom6w.rpt
Sequence File : H:\DATA\IC4\20070302\20070302.seq

CHROM6

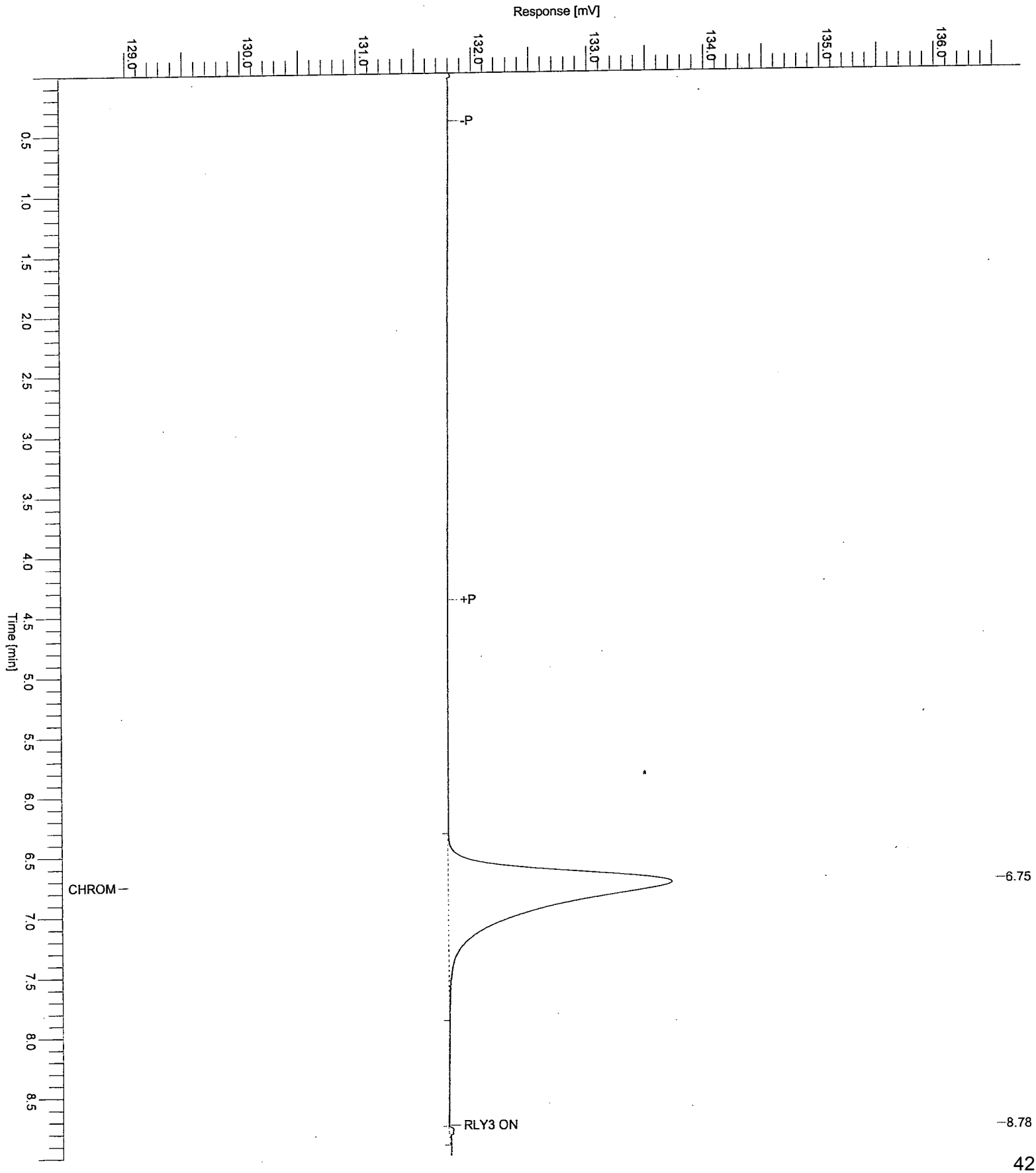
Peak #	Time [min]	Component Name	Area [µV·s]	Height [µV]	Raw Amount	Adjusted Amount	Cal. Range
1	6.751	chrom6	38945.30	1.931e+03	49.2546	49.2546	*
			38945.30	1.931e+03	49.2546	49.2546	

* Warning -- uncalibrated levels encountered

Report stored in ASCII file: h:\data\ic4\20070302\20070302002.TX0

Chromatogram

Sample Name : 7C02041-BS1 Sample #: 7C02041
FileName : h:\data\ic4\20070302\20070302002.raw
Date : 3/2/2007 9:03:33 AM
Method : chr6qb20.mth Time of Injection: 3/2/2007 8:54:13 AM
Start Time : 0.00 min End Time : 9.00 min Low Point : 129.00 mV High Point : 136.50 mV
Plot Offset: 129.00 mV Plot Scale: 7.5 mV



Software Version	: 6.2.1.0.106:0106	Date	: 3/2/2007 9:14:21 AM
Reprocess Number	: ic2: 80392		
Operator	: inorg	Sample Name	: 7C02041-BLK1
Sample Number	: 7C02041	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX4	Channel	: A
Interface Serial #	: 2100574712	A/D mV Range	: 1000
Delay Time	: 0.30 min	End Time	: 9.00 min
Sampling Rate	: 20.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/2/2007 9:05:10 AM	Cycle	: 3

Raw Data File : h:\data\ic4\20070302\20070302003.raw
Result File : h:\data\ic4\20070302\20070302003.rst
Inst Method : h:\data\ic4\chr6qb20 from h:\data\ic4\20070302\20070302003.raw
Proc Method : h:\data\ic4\chr6qb20 from h:\data\ic4\20070302\20070302003.rst
Calib Method : h:\data\ic4\chr6qb20 from h:\data\ic4\20070302\20070302003.rst
Report Format File: h:\data\ic4\chrom6w.rpt
Sequence File : H:\DATA\IC4\20070302\20070302.seq

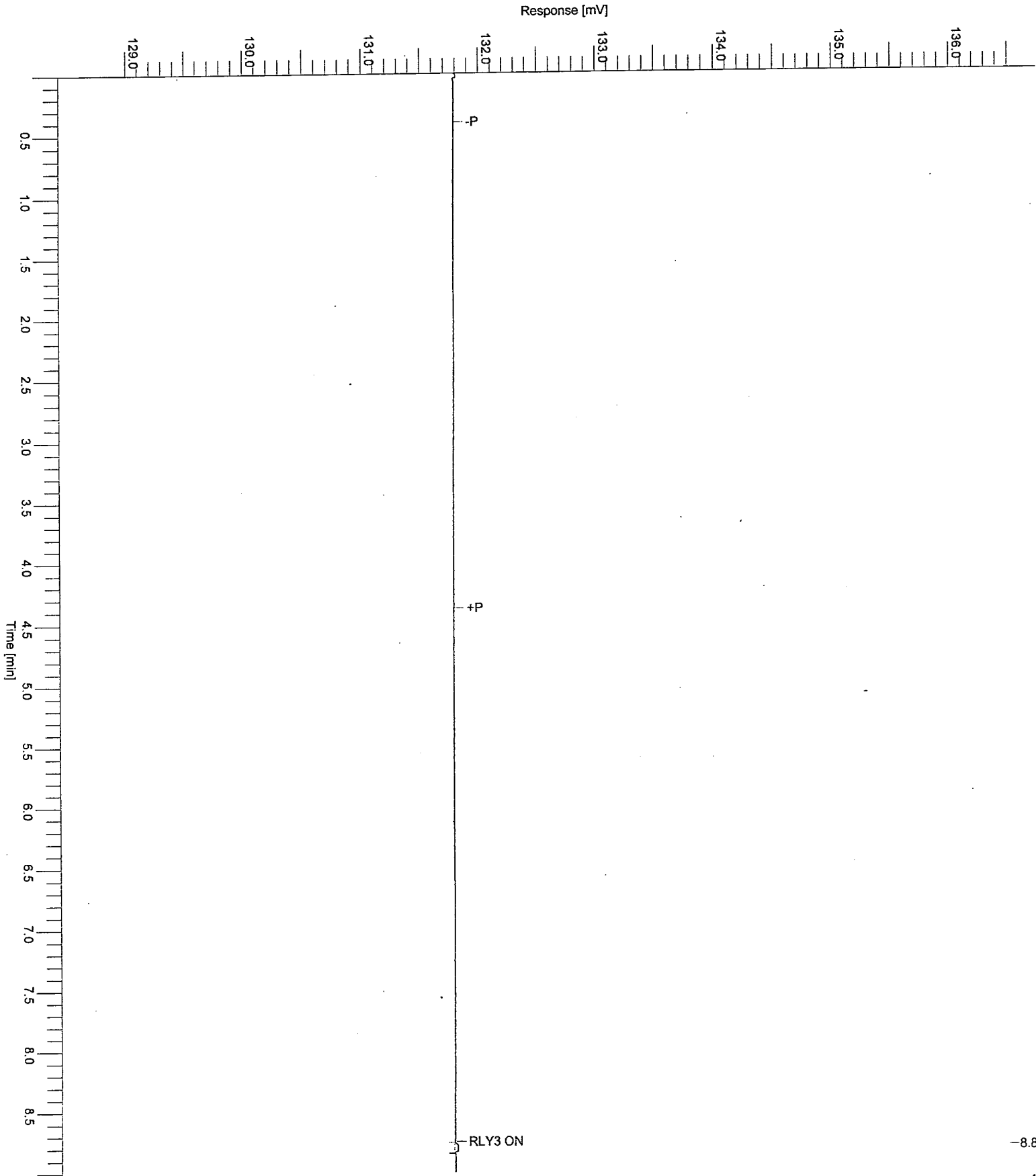
CHROM6

Peak #	Time [min]	Component Name	Area [µV·s]	Height [µV]	Raw Amount	Adjusted Amount	Cal. Range
-	6.845	chrom6	0.00	0.00000	0.0000	0.0000	
			0.00	0.00000	0.0000	0.0000	

Report stored in ASCII file: h:\data\ic4\20070302\20070302003.TX0

Chromatogram

Sample Name : 7C02041-BLK1 Sample #: 7C02041 Page 1 of 1
FileName : h:\data\ic4\20070302\20070302003.raw
Date : 3/2/2007 9:14:26 AM
Method : chr6qb20.mth Time of Injection: 3/2/2007 9:05:10 AM
Start Time : 0.00 min End Time : 9.00 min Low Point : 129.00 mV High Point : 136.50 mV
Plot Offset: 129.00 mV Plot Scale: 7.5 mV



Software Version	: 6.2.1.0.106:0106	Date	: 3/2/2007 10:20:08 AM
Reprocess Number	: ic2: 80403		
Operator	: inorg	Sample Name	: CCV
Sample Number	: 7C02041	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX4	Channel	: A
Interface Serial #	: 2100574712	A/D mV Range	: 1000
Delay Time	: 0.30 min	End Time	: 9.00 min
Sampling Rate	: 20.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/2/2007 10:10:52 AM	Cycle	: 9

Raw Data File : h:\data\ic4\20070302\20070302009.raw
Result File : h:\data\ic4\20070302\20070302009.rst
Inst Method : h:\data\ic4\chr6qb20 from h:\data\ic4\20070302\20070302009.raw
Proc Method : h:\data\ic4\chr6qb20 from h:\data\ic4\20070302\20070302009.rst
Calib Method : h:\data\ic4\chr6qb20 from h:\data\ic4\20070302\20070302009.rst
Report Format File: h:\data\ic4\chrom6w.rpt
Sequence File : H:\DATA\IC4\20070302\20070302.seq

CHROM6

Peak #	Time [min]	Component Name	Area [µV·s]	Height [µV]	Raw Amount	Adjusted Amount	Cal. Range
1	6.627	chrom6	39725.40	1.969e+03	50.2173	50.2173	*
			39725.40	1.969e+03	50.2173	50.2173	

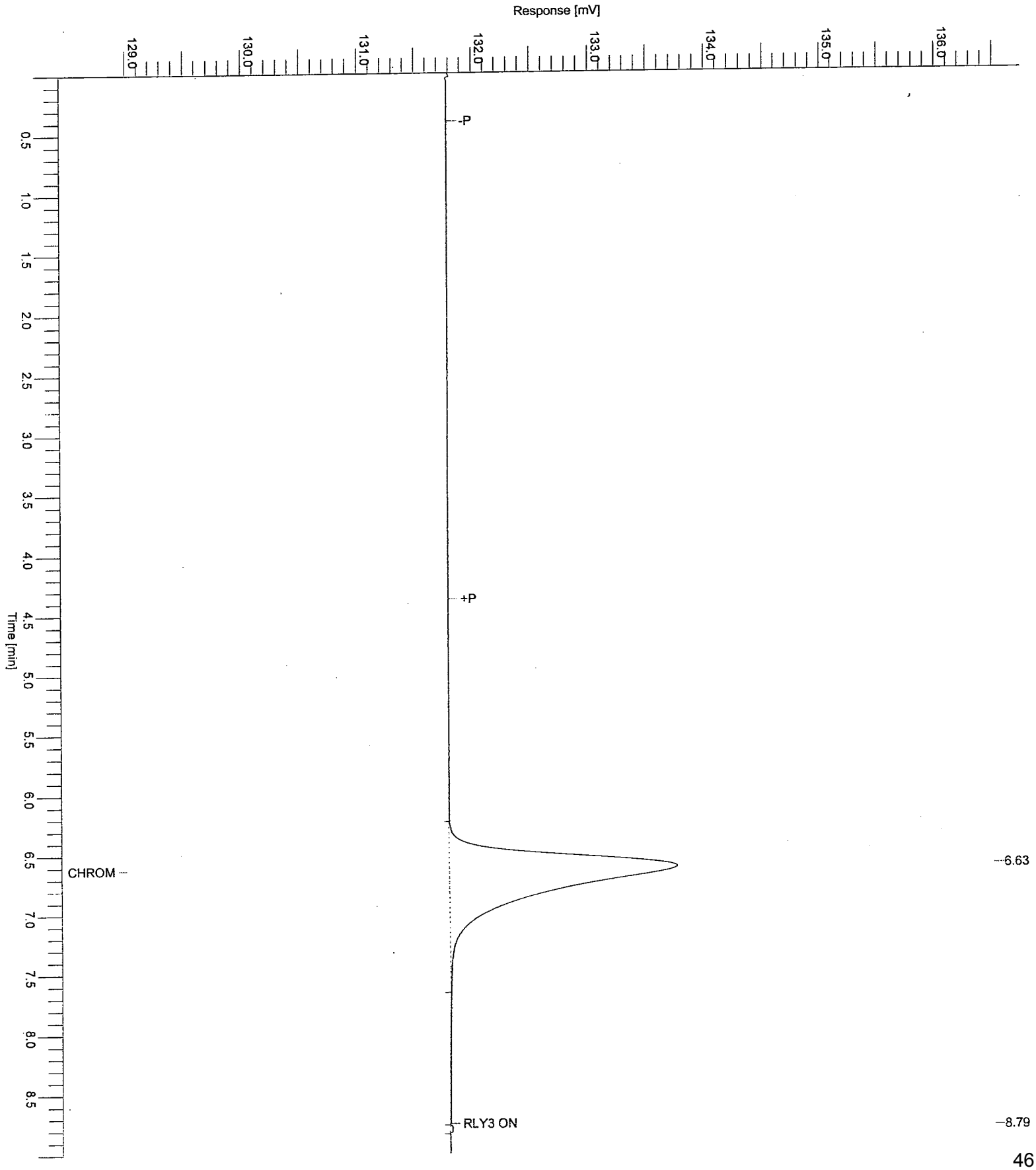
* Warning -- uncalibrated levels encountered

Report stored in ASCII file: h:\data\ic4\20070302\20070302009.TX0

Chromatogram

Sample Name : CCV
Sample #: 7C02041

FileName : h:\data\ic4\20070302\20070302009.raw
Date : 3/2/2007 10:20:13 AM
Method : chr6qb20.mth
Time of Injection: 3/2/2007 10:10:52 AM
Start Time : 0.00 min
End Time : 9.00 min
Low Point : 129.00 mV
High Point : 136.50 mV
Plot Offset: 129.00 mV
Plot Scale: 7.5 mV



Software Version	: 6.2.1.0.106:0106	Date	: 3/2/2007 10:31:07 AM
Reprocess Number	: ic2: 80406		
Operator	: inorg	Sample Name	: CCB
Sample Number	: 7C02041	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX4	Channel	: A
Interface Serial #	: 2100574712	A/D mV Range	: 1000
Delay Time	: 0.30 min	End Time	: 9.00 min
Sampling Rate	: 20.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/2/2007 10:21:50 AM	Cycle	: 10

Raw Data File : h:\data\ic4\20070302\20070302010.raw
Result File : h:\data\ic4\20070302\20070302010.rst
Inst Method : h:\data\ic4\chr6qb20 from h:\data\ic4\20070302\20070302010.raw
Proc Method : h:\data\ic4\chr6qb20 from h:\data\ic4\20070302\20070302010.rst
Calib Method : h:\data\ic4\chr6qb20 from h:\data\ic4\20070302\20070302010.rst
Report Format File: h:\data\ic4\chrom6w.rpt
Sequence File : H:\DATA\IC4\20070302\20070302.seq

CHROM6

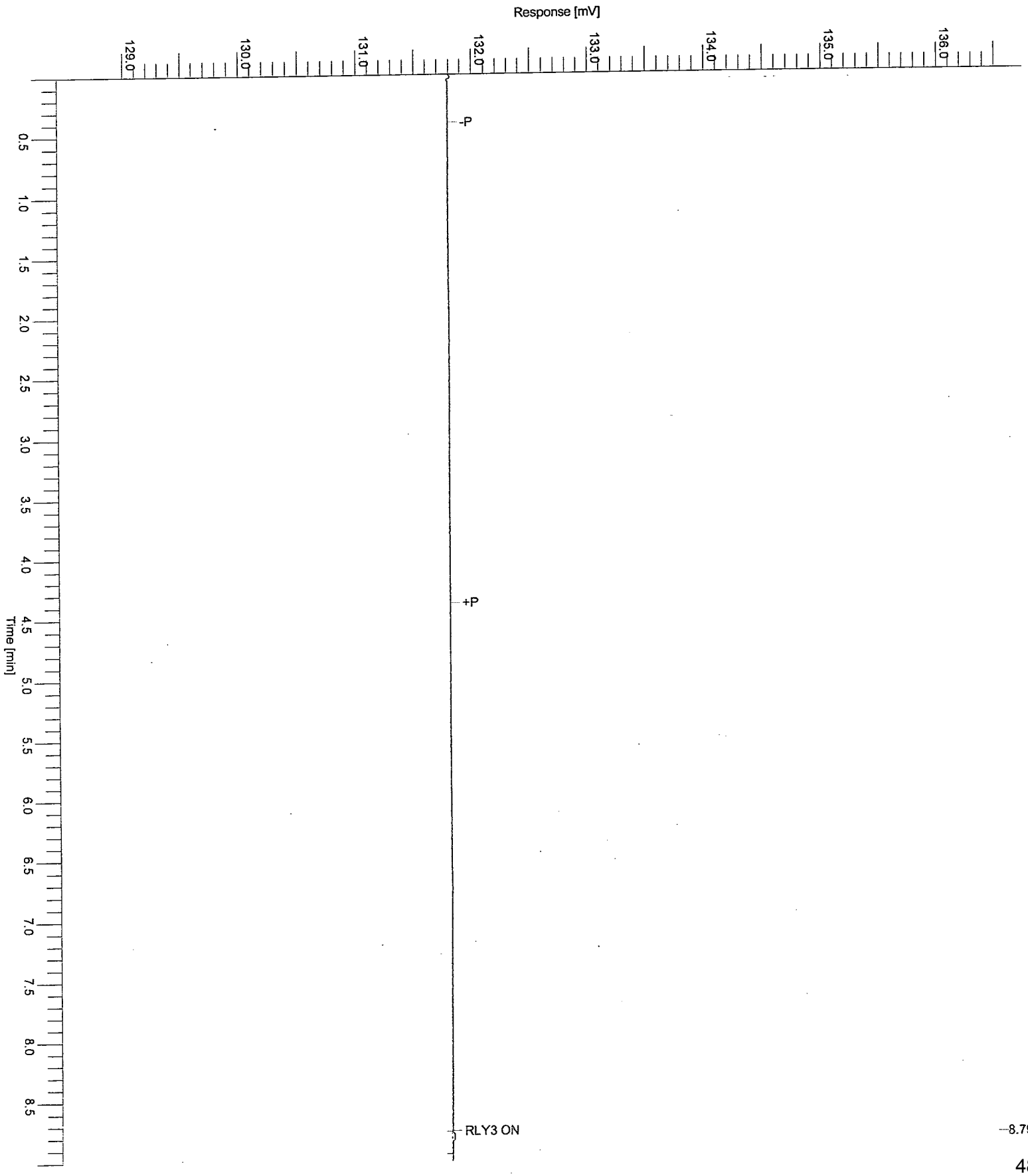
Peak #	Time [min]	Component Name	Area [µV·s]	Height [µV]	Raw Amount	Adjusted Amount	Cal. Range
-	6.845	chrom6	0.00	0.00000	0.0000	0.0000	
			0.00	0.00000	0.0000	0.0000	

Report stored in ASCII file: h:\data\ic4\20070302\20070302010.TX0

Chromatogram

Sample Name : CCB
Sample #: 7C02041

FileName : h:\data\ic4\20070302\20070302010.raw
Date : 3/2/2007 10:31:12 AM
Method : chr6qb20.mth
Time of Injection: 3/2/2007 10:21:50 AM
Start Time : 0.00 min
End Time : 9.00 min
Low Point : 129.00 mV
High Point : 136.50 mV
Plot Offset: 129.00 mV
Plot Scale: 7.5 mV



Software Version	: 6.2.1.0.106:0106	Date	: 3/2/2007 8:36:50 PM
Reprocess Number	: ic2: 80456		
Operator	: inorg	Sample Name	: CCV
Sample Number	: 7C02041	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX4	Channel	: A
Interface Serial #	: 2100574712	A/D mV Range	: 1000
Delay Time	: 0.30 min	End Time	: 9.00 min
Sampling Rate	: 20.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/2/2007 8:27:37 PM	Cycle	: 17

Raw Data File : h:\data\ic4\20070302\20070302017.raw
Result File : h:\data\ic4\20070302\20070302017.rst
Inst Method : h:\data\ic4\chr6qb20 from h:\data\ic4\20070302\20070302017.raw
Proc Method : h:\data\ic4\chr6qb20 from h:\data\ic4\20070302\20070302017.rst
Calib Method : h:\data\ic4\chr6qb20 from h:\data\ic4\20070302\20070302017.rst
Report Format File: h:\data\ic4\chrom6w.rpt
Sequence File : H:\DATA\IC4\20070302\20070302.seq

CHROM6

Peak #	Time [min]	Component Name	Area [µV·s]	Height [µV]	Raw Amount	Adjusted Amount	Cal. Range
1	6.710	chrom6	40565.95	1.929e+03	49.2095	49.2095	*
			40565.95	1.929e+03	49.2095	49.2095	

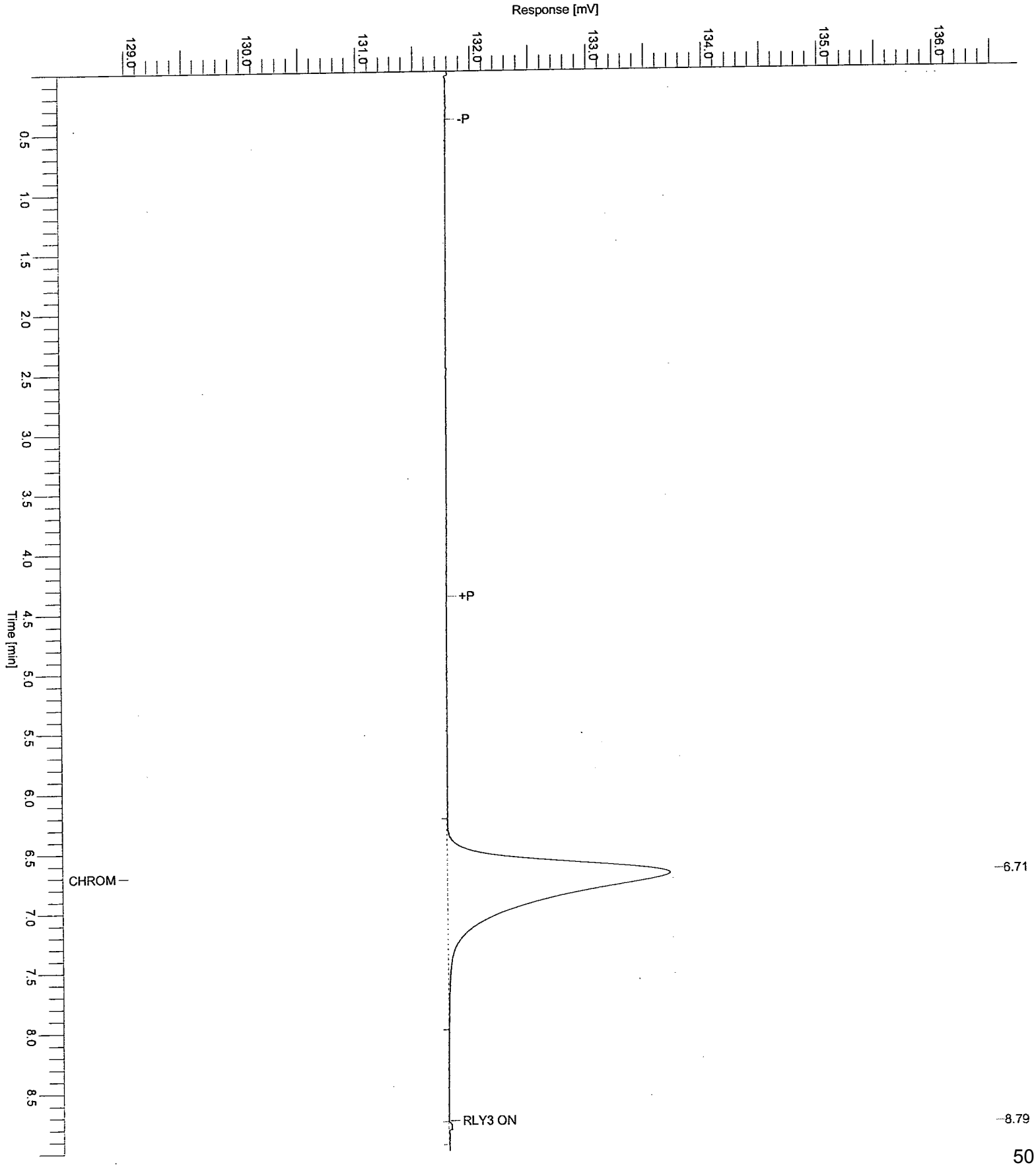
* Warning -- uncalibrated levels encountered

Report stored in ASCII file: h:\data\ic4\20070302\20070302017.TX0

Chromatogram

Sample Name : CCV
Sample #: 7C02041

FileName : h:\data\ic4\20070302\20070302017.raw
Date : 3/2/2007 8:36:55 PM
Method : chr6qb20.mth
Time of Injection: 3/2/2007 8:27:37 PM
Start Time : 0.00 min
End Time : 9.00 min
Low Point : 129.00 mV
High Point : 136.50 mV
Plot Offset: 129.00 mV
Plot Scale: 7.5 mV



Software Version	: 6.2.1.0.106:0106	Date	: 3/2/2007 8:47:49 PM
Reprocess Number	: ic2: 80457		
Operator	: inorg	Sample Name	: CCB
Sample Number	: 7C02041	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX4	Channel	: A
Interface Serial #	: 2100574712	A/D mV Range	: 1000
Delay Time	: 0.30 min	End Time	: 9.00 min
Sampling Rate	: 20.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/2/2007 8:38:34 PM	Cycle	: 18

Raw Data File : h:\data\ic4\20070302\20070302018.raw
Result File : h:\data\ic4\20070302\20070302018.rst
Inst Method : h:\data\ic4\chr6qb20 from h:\data\ic4\20070302\20070302018.raw
Proc Method : h:\data\ic4\chr6qb20 from h:\data\ic4\20070302\20070302018.rst
Calib Method : h:\data\ic4\chr6qb20 from h:\data\ic4\20070302\20070302018.rst
Report Format File: h:\data\ic4\chrom6w.rpt
Sequence File : H:\DATA\IC4\20070302\20070302.seq

CHROM6

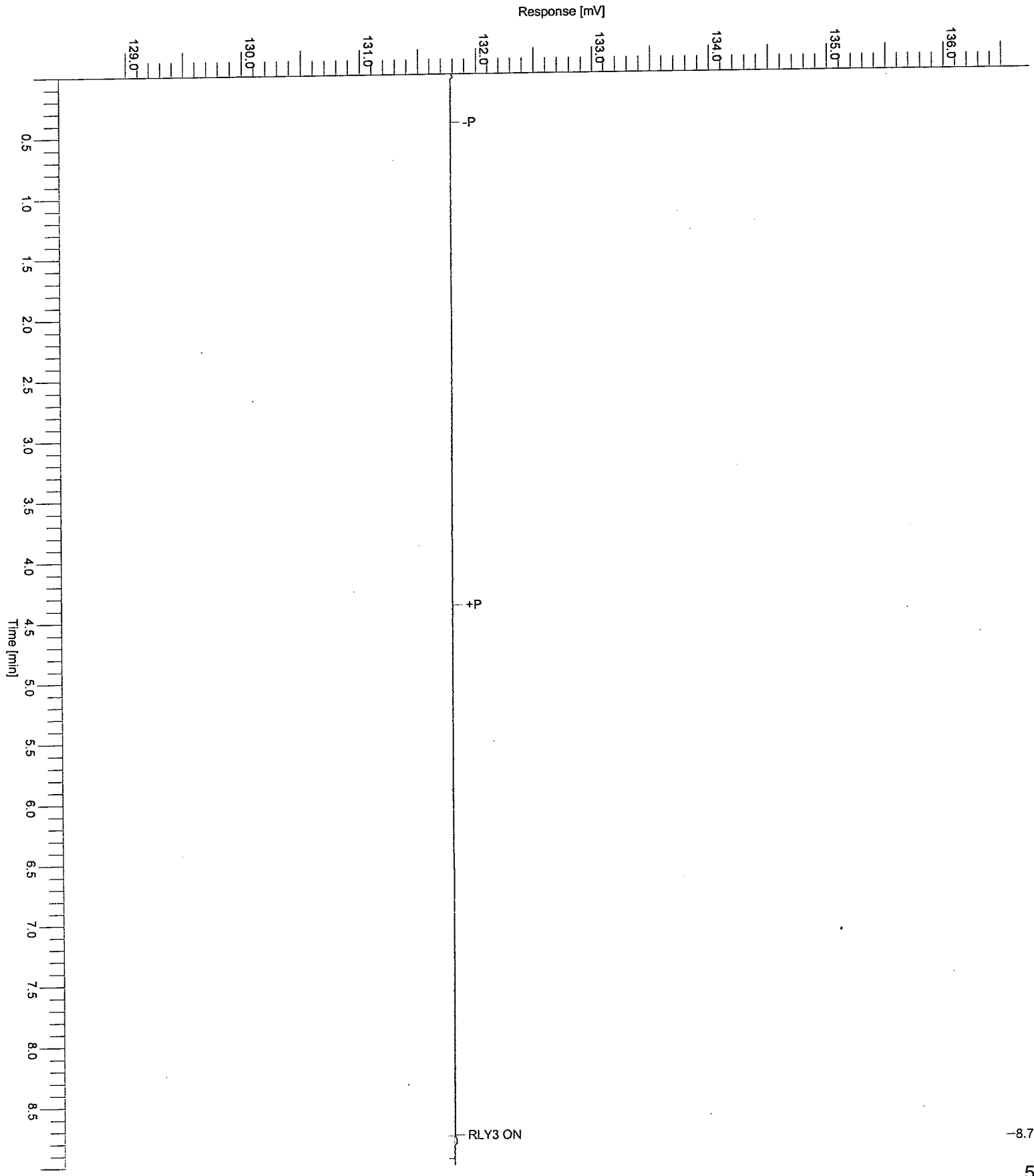
Peak #	Time [min]	Component Name	Area [µV·s]	Height [µV]	Raw Amount	Adjusted Amount	Cal. Range
-	6.845	chrom6	0.00	0.00000	0.0000	0.0000	
			0.00	0.00000	0.0000	0.0000	

Report stored in ASCII file: h:\data\ic4\20070302\20070302018.TX0

Chromatogram

Sample Name : CCB
Sample #: 7C02041

FileName : h:\data\ic4\20070302\20070302018.raw
Date : 3/2/2007 8:47:55 PM
Time of Injection: 3/2/2007 8:38:34 PM
Method : chr6qb20.mth
Start Time : 0.00 min
End Time : 9.00 min
Low Point : 129.00 mV
High Point : 136.50 mV
Plot Offset: 129.00 mV
Plot Scale: 7.5 mV



Software Version	: 6.2.1.0.106:0106	Date	: 3/2/2007 8:58:46 PM
Reprocess Number	: ic2: 80459		
Operator	: inorg	Sample Name	: IQC0291-01
Sample Number	: 7C02041	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX4	Channel	: A
Interface Serial #	: 2100574712	A/D mV Range	: 1000
Delay Time	: 0.30 min	End Time	: 9.00 min
Sampling Rate	: 20.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/2/2007 8:49:32 PM	Cycle	: 19

Raw Data File : h:\data\ic4\20070302\20070302019.raw
Result File : h:\data\ic4\20070302\20070302019.rst
Inst Method : h:\data\ic4\chr6qb20 from h:\data\ic4\20070302\20070302019.raw
Proc Method : h:\data\ic4\chr6qb20 from h:\data\ic4\20070302\20070302019.rst
Calib Method : h:\data\ic4\chr6qb20 from h:\data\ic4\20070302\20070302019.rst
Report Format File: h:\data\ic4\chrom6w.rpt
Sequence File : H:\DATA\IC4\20070302\20070302.seq

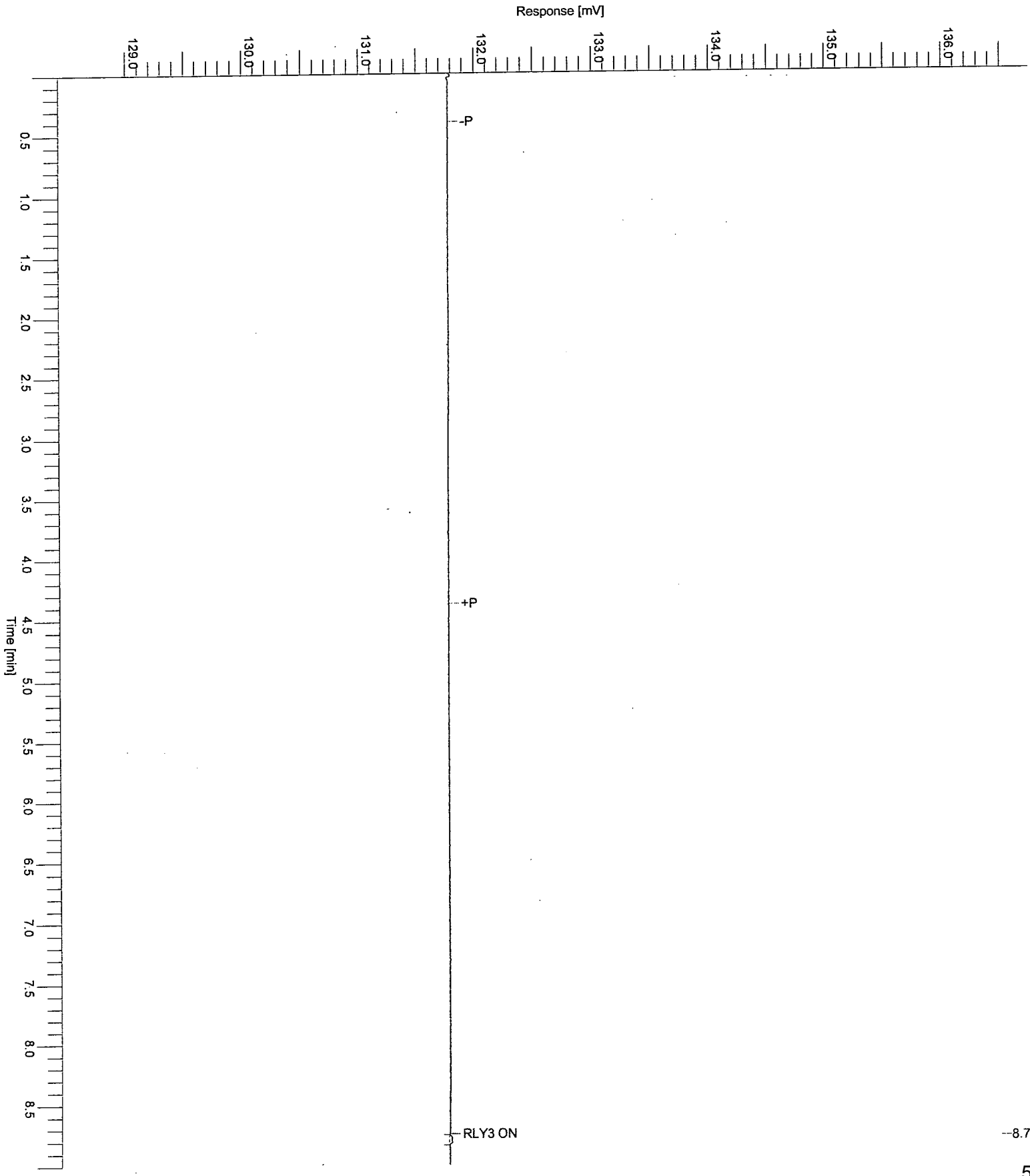
CHROM6

Peak #	Time [min]	Component Name	Area [µV·s]	Height [µV]	Raw Amount	Adjusted Amount	Cal. Range
-	6.845	chrom6	0.00	0.00000	0.0000	0.0000	
			0.00	0.00000	0.0000	0.0000	

Report stored in ASCII file: h:\data\ic4\20070302\20070302019.TX0

Chromatogram

Sample Name : IQC0291-01 Sample #: 7C02041
FileName : h:\data\ic4\20070302\20070302019.raw
Date : 3/2/2007 8:58:51 PM
Method : chr6qb20.mth Time of Injection: 3/2/2007 8:49:32 PM
Start Time : 0.00 min End Time : 9.00 min Low Point : 129.00 mV High Point : 136.50 mV
Plot Offset: 129.00 mV Plot Scale: 7.5 mV



Software Version	: 6.2.1.0.106:0106	Date	: 3/2/2007 9:09:42 PM
Reprocess Number	: ic2: 80460		
Operator	: inorg	Sample Name	: IQC0291-02
Sample Number	: 7C02041	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX4	Channel	: A
Interface Serial #	: 2100574712	A/D mV Range	: 1000
Delay Time	: 0.30 min	End Time	: 9.00 min
Sampling Rate	: 20.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/2/2007 9:00:29 PM	Cycle	: 20

Raw Data File : h:\data\ic4\20070302\20070302020.raw
Result File : h:\data\ic4\20070302\20070302020.rst
Inst Method : h:\data\ic4\chr6qb20 from h:\data\ic4\20070302\20070302020.raw
Proc Method : h:\data\ic4\chr6qb20 from h:\data\ic4\20070302\20070302020.rst
Calib Method : h:\data\ic4\chr6qb20 from h:\data\ic4\20070302\20070302020.rst
Report Format File: h:\data\ic4\chrom6w.rpt
Sequence File : H:\DATA\IC4\20070302\20070302.seq

CHROM6

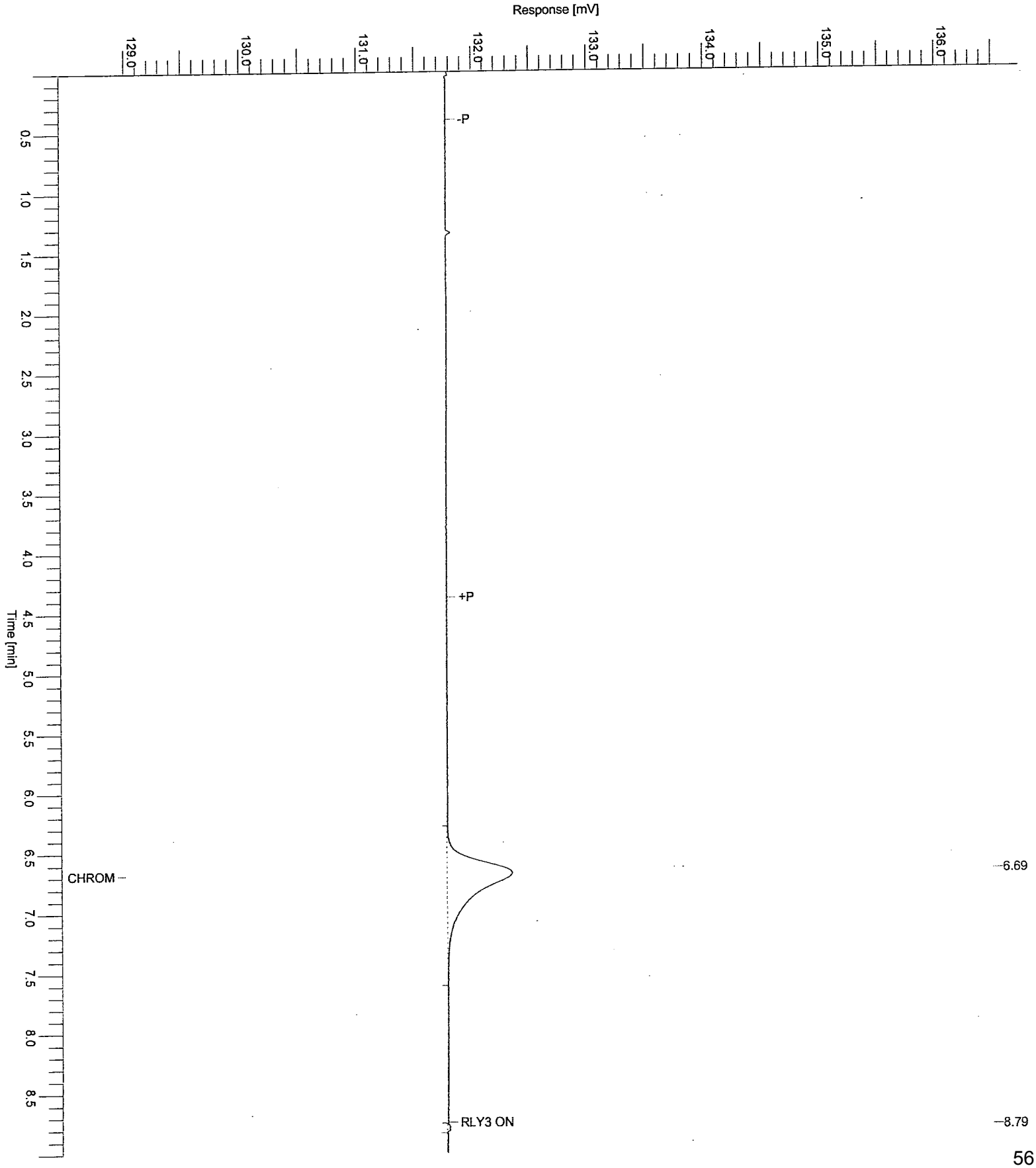
Peak #	Time [min]	Component Name	Area [µV·s]	Height [µV]	Raw Amount	Adjusted Amount	Cal. Range
1	6.686	chrom6	10851.90	573.92102	14.6717	14.6717	*
			10851.90	573.92102	14.6717	14.6717	

* Warning -- uncalibrated levels encountered

Report stored in ASCII file: h:\data\ic4\20070302\20070302020.TX0

Chromatogram

Sample Name : IQC0291-02 Sample #: 7C02041 Page 1 of 1
FileName : h:\data\ic4\20070302\20070302020.raw
Date : 3/2/2007 9:09:47 PM
Method : chr6qb20.mth Time of Injection: 3/2/2007 9:00:29 PM
Start Time : 0.00 min End Time : 9.00 min Low Point : 129.00 mV High Point : 136.50 mV
Plot Offset: 129.00 mV Plot Scale: 7.5 mV



Software Version	: 6.2.1.0.106:0106	Date	: 3/2/2007 9:20:43 PM
Reprocess Number	: ic2: 80462		
Operator	: inorg	Sample Name	: IQC0291-03
Sample Number	: 7C02041	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX4	Channel	: A
Interface Serial #	: 2100574712	A/D mV Range	: 1000
Delay Time	: 0.30 min	End Time	: 9.00 min
Sampling Rate	: 20.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/2/2007 9:11:25 PM	Cycle	: 21

Raw Data File : h:\data\ic4\20070302\20070302021.raw
Result File : h:\data\ic4\20070302\20070302021.rst
Inst Method : h:\data\ic4\chr6qb20 from h:\data\ic4\20070302\20070302021.raw
Proc Method : h:\data\ic4\chr6qb20 from h:\data\ic4\20070302\20070302021.rst
Calib Method : h:\data\ic4\chr6qb20 from h:\data\ic4\20070302\20070302021.rst
Report Format File: h:\data\ic4\chrom6w.rpt
Sequence File : H:\DATA\IC4\20070302\20070302.seq

CHROM6

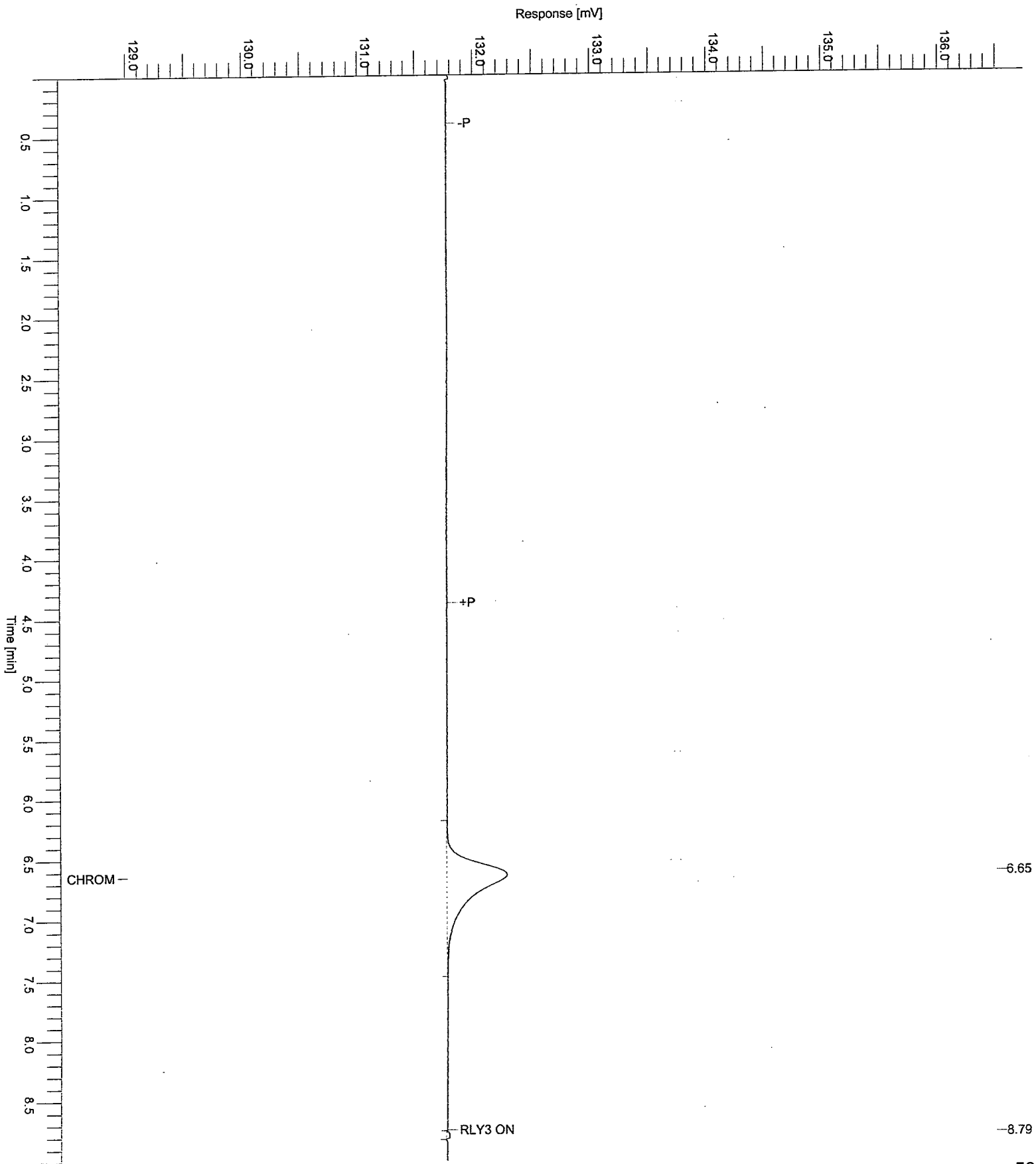
Peak #	Time [min]	Component Name	Area [µV·s]	Height [µV]	Raw Amount	Adjusted Amount	Cal. Range
1	6.646	chrom6	9923.50	523.26042	13.3805	13.3805	*
			9923.50	523.26042	13.3805	13.3805	

* Warning -- uncalibrated levels encountered

Report stored in ASCII file: h:\data\ic4\20070302\20070302021.TX0

Chromatogram

Sample Name : IQC0291-03 Sample #: 7C02041
FileName : h:\data\ic4\20070302\20070302021.raw
Date : 3/2/2007 9:20:48 PM
Method : chr6qb20.mth Time of Injection: 3/2/2007 9:11:25 PM
Start Time : 0.00 min End Time : 9.00 min Low Point : 129.00 mV High Point : 136.50 mV
Plot Offset: 129.00 mV Plot Scale: 7.5 mV



Software Version	: 6.2.1.0.106:0106	Date	: 3/2/2007 9:31:36 PM
Reprocess Number	: ic2: 80464		
Operator	: inorg	Sample Name	: IQC0291-04
Sample Number	: 7C02041	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX4	Channel	: A
Interface Serial #	: 2100574712	A/D mV Range	: 1000
Delay Time	: 0.30 min	End Time	: 9.00 min
Sampling Rate	: 20.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/2/2007 9:22:23 PM	Cycle	: 22

Raw Data File : h:\data\ic4\20070302\20070302022.raw
Result File : h:\data\ic4\20070302\20070302022.rst
Inst Method : h:\data\ic4\chr6qb20 from h:\data\ic4\20070302\20070302022.raw
Proc Method : h:\data\ic4\chr6qb20 from h:\data\ic4\20070302\20070302022.rst
Calib Method : h:\data\ic4\chr6qb20 from h:\data\ic4\20070302\20070302022.rst
Report Format File: h:\data\ic4\chrom6w.rpt
Sequence File : H:\DATA\IC4\20070302\20070302.seq

CHROM6

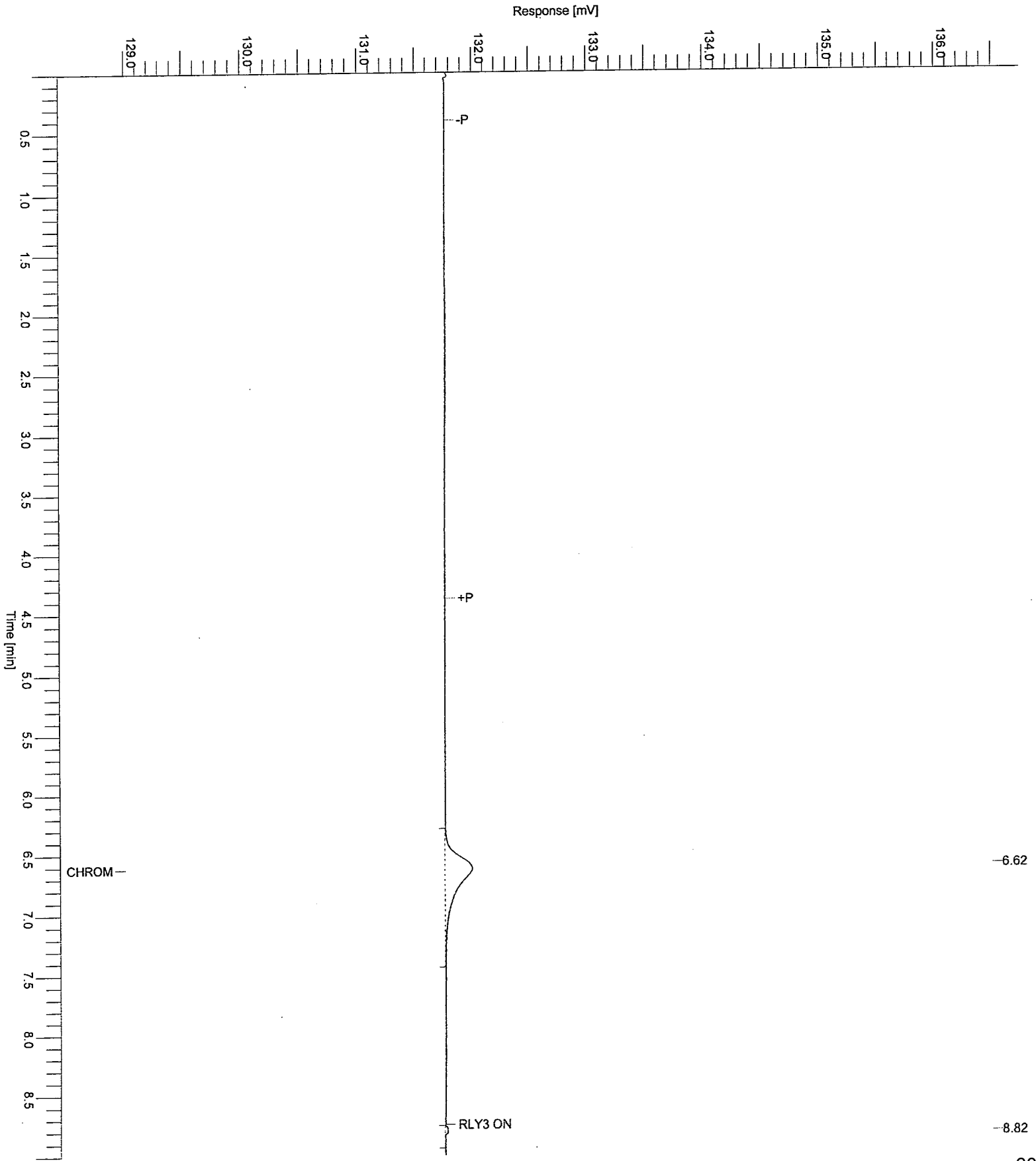
Peak #	Time [min]	Component Name	Area [µV·s]	Height [µV]	Raw Amount	Adjusted Amount	Cal. Range
1	6.622	chrom6	4611.50	240.41308	6.1715	6.1715	*
			4611.50	240.41308	6.1715	6.1715	

* Warning -- uncalibrated levels encountered

Report stored in ASCII file: h:\data\ic4\20070302\20070302022.TX0

Chromatogram

Sample Name : IQC0291-04 Sample #: 7C02041
FileName : h:\data\ic4\20070302\20070302022.raw
Date : 3/2/2007 9:31:41 PM
Method : chr6qb20.mth Time of Injection: 3/2/2007 9:22:23 PM
Start Time : 0.00 min End Time : 9.00 min Low Point : 129.00 mV High Point : 136.50 mV
Plot Offset: 129.00 mV Plot Scale: 7.5 mV



Software Version	: 6.2.1.0.106:0106	Date	: 3/2/2007 9:42:35 PM
Reprocess Number	: ic2: 80466		
Operator	: inorg	Sample Name	: IQC0291-05
Sample Number	: 7C02041	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX4	Channel	: A
Interface Serial #	: 2100574712	A/D mV Range	: 1000
Delay Time	: 0.30 min	End Time	: 9.00 min
Sampling Rate	: 20.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/2/2007 9:33:20 PM	Cycle	: 23

Raw Data File : h:\data\ic4\20070302\20070302023.raw
Result File : h:\data\ic4\20070302\20070302023.rst
Inst Method : h:\data\ic4\chr6qb20 from h:\data\ic4\20070302\20070302023.raw
Proc Method : h:\data\ic4\chr6qb20 from h:\data\ic4\20070302\20070302023.rst
Calib Method : h:\data\ic4\chr6qb20 from h:\data\ic4\20070302\20070302023.rst
Report Format File: h:\data\ic4\chrom6w.rpt
Sequence File : H:\DATA\IC4\20070302\20070302.seq

CHROM6

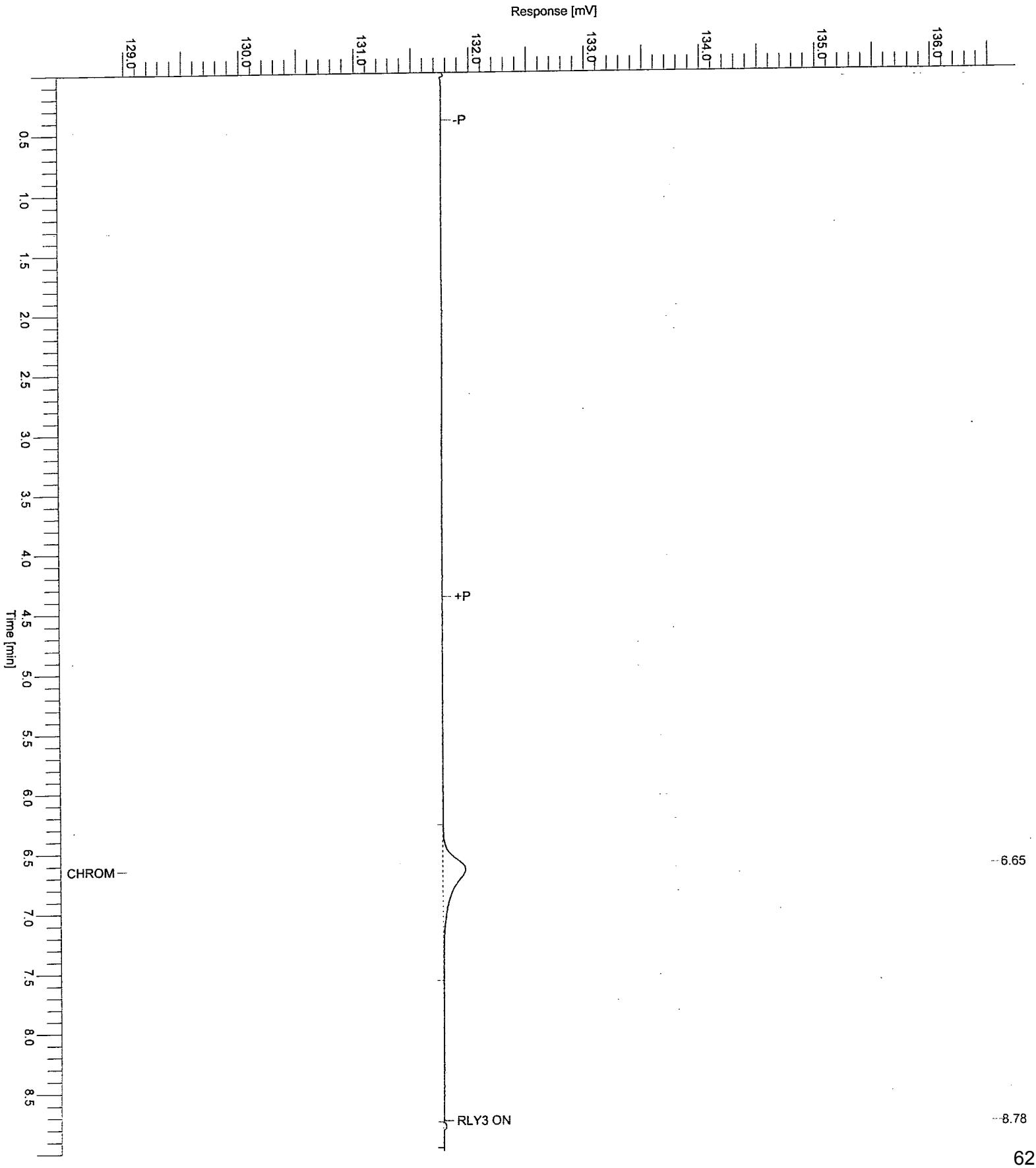
Peak #	Time [min]	Component Name	Area [µV·s]	Height [µV]	Raw Amount	Adjusted Amount	Cal. Range
1	6.650	chrom6	3898.75	194.41143	4.9991	4.9991	*
			3898.75	194.41143	4.9991	4.9991	

* Warning -- uncalibrated levels encountered

Report stored in ASCII file: h:\data\ic4\20070302\20070302023.TX0

Chromatogram

Sample Name : IQC0291-05 Sample #: 7C02041
FileName : h:\data\ic4\20070302\20070302023.raw
Date : 3/2/2007 9:42:40 PM
Method : chr6qb20.mth Time of Injection: 3/2/2007 9:33:20 PM
Start Time : 0.00 min End Time : 9.00 min Low Point : 129.00 mV High Point : 136.50 mV
Plot Offset: 129.00 mV Plot Scale: 7.5 mV



Software Version	: 6.2.1.0.106:0106	Date	: 3/2/2007 10:36:20 PM
Reprocess Number	: ic2: 80473		
Operator	: inorg	Sample Name	: 7C02041-MS1
Sample Number	: 7C02041	Study	: IQC0291-01
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX4	Channel	: A
Interface Serial #	: 2100574712	A/D mV Range	: 1000
Delay Time	: 0.30 min	End Time	: 9.00 min
Sampling Rate	: 20.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/2/2007 10:27:04 PM	Cycle	: 27

Raw Data File : h:\data\ic4\20070302\20070302027.raw
Result File : h:\data\ic4\20070302\20070302027.rst
Inst Method : h:\data\ic4\chr6qb20 from h:\data\ic4\20070302\20070302027.raw
Proc Method : h:\data\ic4\chr6qb20 from h:\data\ic4\20070302\20070302027.rst
Calib Method : h:\data\ic4\chr6qb20 from h:\data\ic4\20070302\20070302027.rst
Report Format File: h:\data\ic4\chrom6w.rpt
Sequence File : H:\DATA\IC4\20070302\20070302.seq

CHROM6

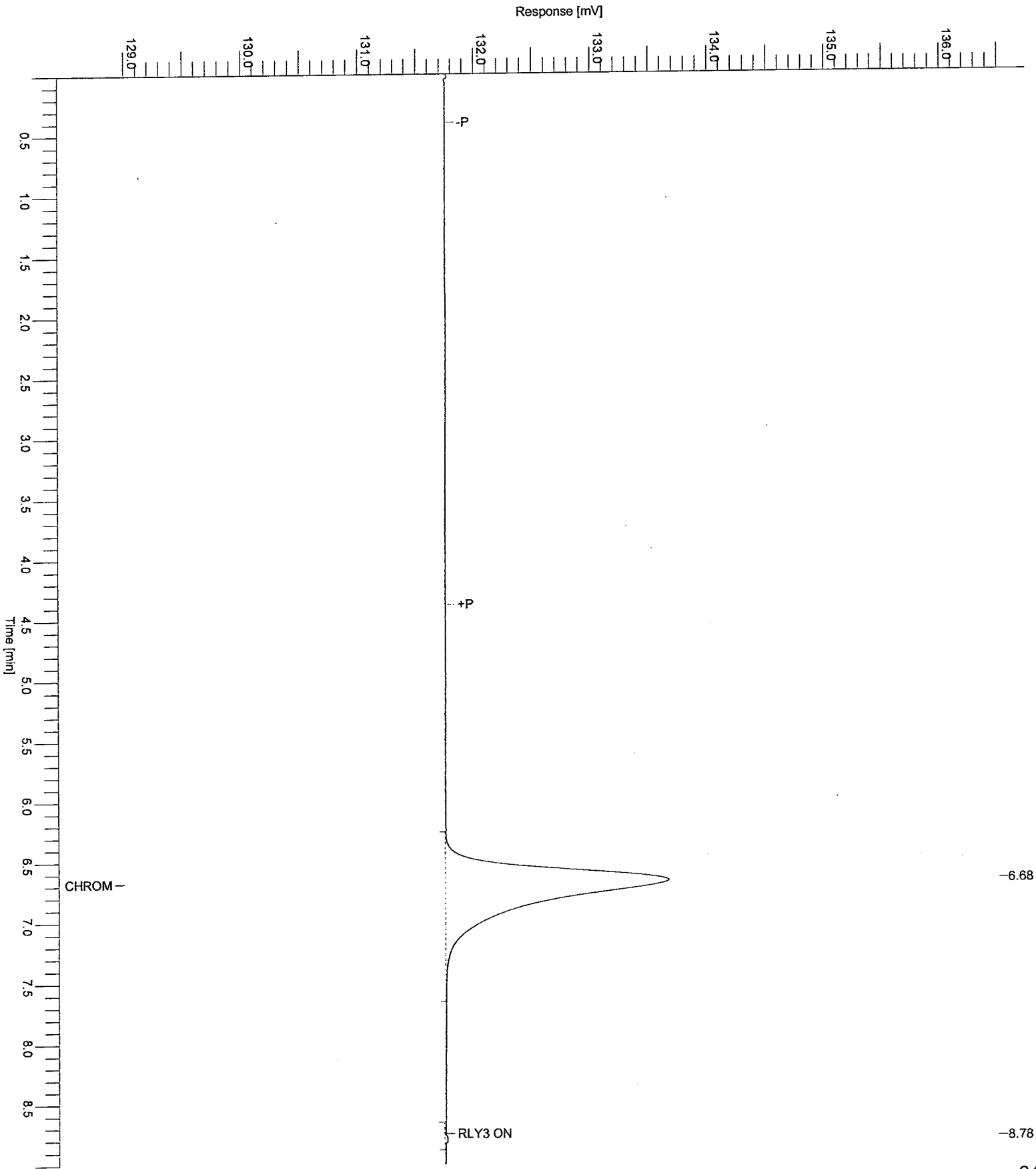
Peak #	Time [min]	Component Name	Area [µV·s]	Height [µV]	Raw Amount	Adjusted Amount	Cal. Range
1	6.681	chrom6	35705.00	1.926e+03	49.1281	49.1281	*
			35705.00	1.926e+03	49.1281	49.1281	

* Warning -- uncalibrated levels encountered

Report stored in ASCII file: h:\data\ic4\20070302\20070302027.TX0

Chromatogram

Sample Name : 7C02041-MS1 Sample #: 7C02041 Page 1 of 1
FileName : h:\data\ic4\20070302\20070302027.raw
Date : 3/2/2007 10:36:25 PM
Method : chr6qb20.mth Time of Injection: 3/2/2007 10:27:04 PM
Start Time : 0.00 min End Time : 9.00 min Low Point : 129.00 mV High Point : 136.50 mV
Plot Offset: 129.00 mV Plot Scale: 7.5 mV



Software Version	: 6.2.1.0.106:0106	Date	: 3/2/2007 10:47:16 PM
Reprocess Number	: ic2: 80474		
Operator	: inorg	Sample Name	: 7C02041-MSD1
Sample Number	: 7C02041	Study	: IQC0291-01
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX4	Channel	: A
Interface Serial #	: 2100574712	A/D mV Range	: 1000
Delay Time	: 0.30 min	End Time	: 9.00 min
Sampling Rate	: 20.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/2/2007 10:38:02 PM	Cycle	: 28

Raw Data File : h:\data\ic4\20070302\20070302028.raw
Result File : h:\data\ic4\20070302\20070302028.rst
Inst Method : h:\data\ic4\chr6qb20 from h:\data\ic4\20070302\20070302028.raw
Proc Method : h:\data\ic4\chr6qb20 from h:\data\ic4\20070302\20070302028.rst
Calib Method : h:\data\ic4\chr6qb20 from h:\data\ic4\20070302\20070302028.rst
Report Format File: h:\data\ic4\chrom6w.rpt
Sequence File : H:\DATA\IC4\20070302\20070302.seq

CHROM6

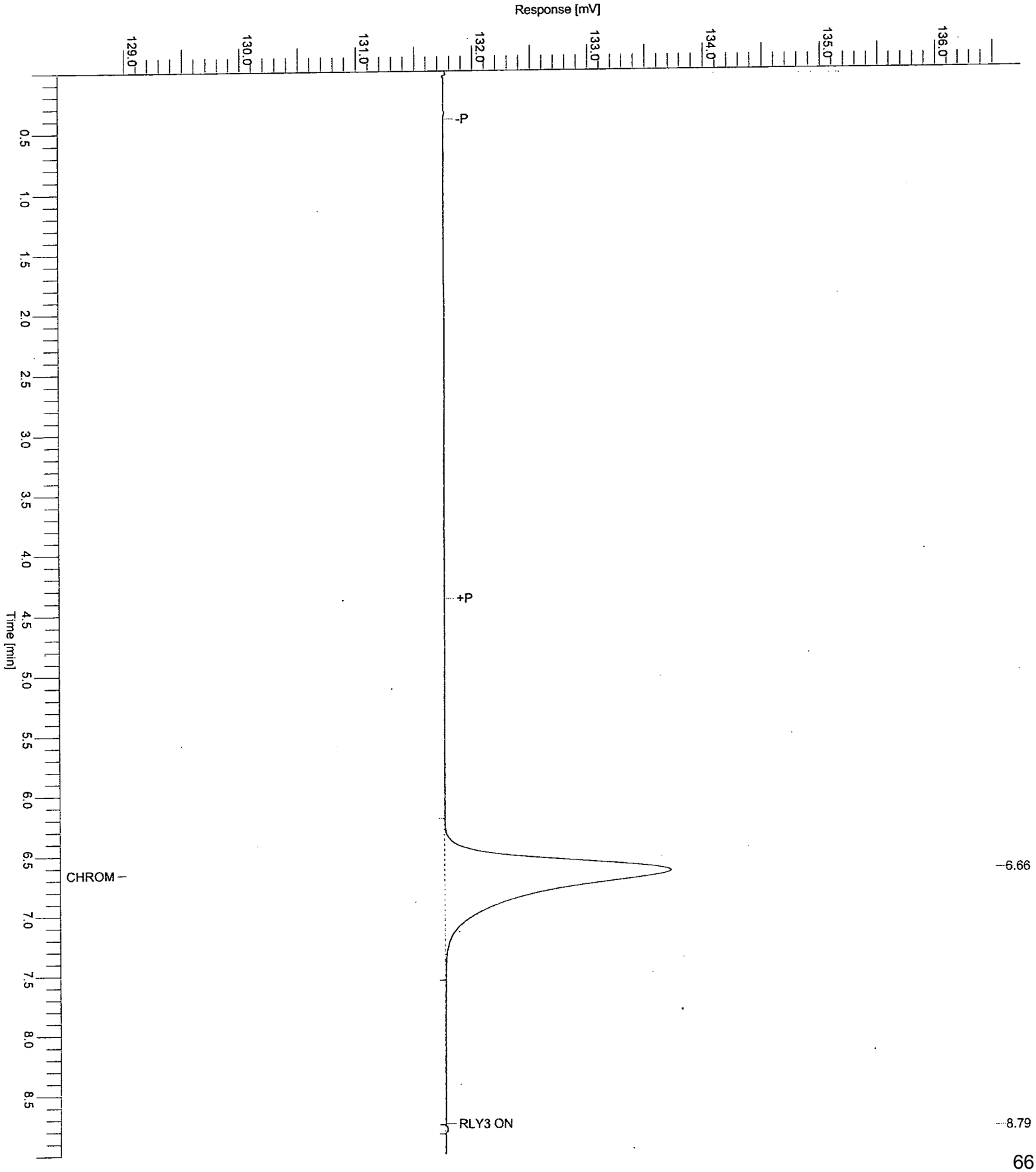
Peak #	Time [min]	Component Name	Area [µV·s]	Height [µV]	Raw Amount	Adjusted Amount	Cal. Range
1	6.659	chrom6	35522.95	1.965e+03	50.1211	50.1211	*
			35522.95	1.965e+03	50.1211	50.1211	

* Warning -- uncalibrated levels encountered

Report stored in ASCII file: h:\data\ic4\20070302\20070302028.TX0

Chromatogram

Sample Name : 7C02041-MSD1 Sample #: 7C02041 Page 1 of 1
FileName : h:\data\ic4\20070302\20070302028.raw
Date : 3/2/2007 10:47:21 PM
Method : chr6qb20.mth Time of Injection: 3/2/2007 10:38:02 PM
Start Time : 0.00 min End Time : 9.00 min Low Point : 129.00 mV High Point : 136.50 mV
Plot Offset: 129.00 mV Plot Scale: 7.5 mV



Software Version	: 6.2.1.0.106:0106	Date	: 3/2/2007 10:58:11 PM
Reprocess Number	: ic2: 80476		
Operator	: inorg	Sample Name	: CCV
Sample Number	: 7C02041	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX4	Channel	: A
Interface Serial #	: 2100574712	A/D mV Range	: 1000
Delay Time	: 0.30 min	End Time	: 9.00 min
Sampling Rate	: 20.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/2/2007 10:48:59 PM	Cycle	: 29

Raw Data File : h:\data\ic4\20070302\20070302029.raw
Result File : h:\data\ic4\20070302\20070302029.rst
Inst Method : h:\data\ic4\chr6qb20 from h:\data\ic4\20070302\20070302029.raw
Proc Method : h:\data\ic4\chr6qb20 from h:\data\ic4\20070302\20070302029.rst
Calib Method : h:\data\ic4\chr6qb20 from h:\data\ic4\20070302\20070302029.rst
Report Format File: h:\data\ic4\chrom6w.rpt
Sequence File : H:\DATA\IC4\20070302\20070302.seq

CHROM6

Peak #	Time [min]	Component Name	Area [µV·s]	Height [µV]	Raw Amount	Adjusted Amount	Cal. Range
1	6.761	chrom6	38717.55	1.942e+03	49.5443	49.5443	*
			38717.55	1.942e+03	49.5443	49.5443	

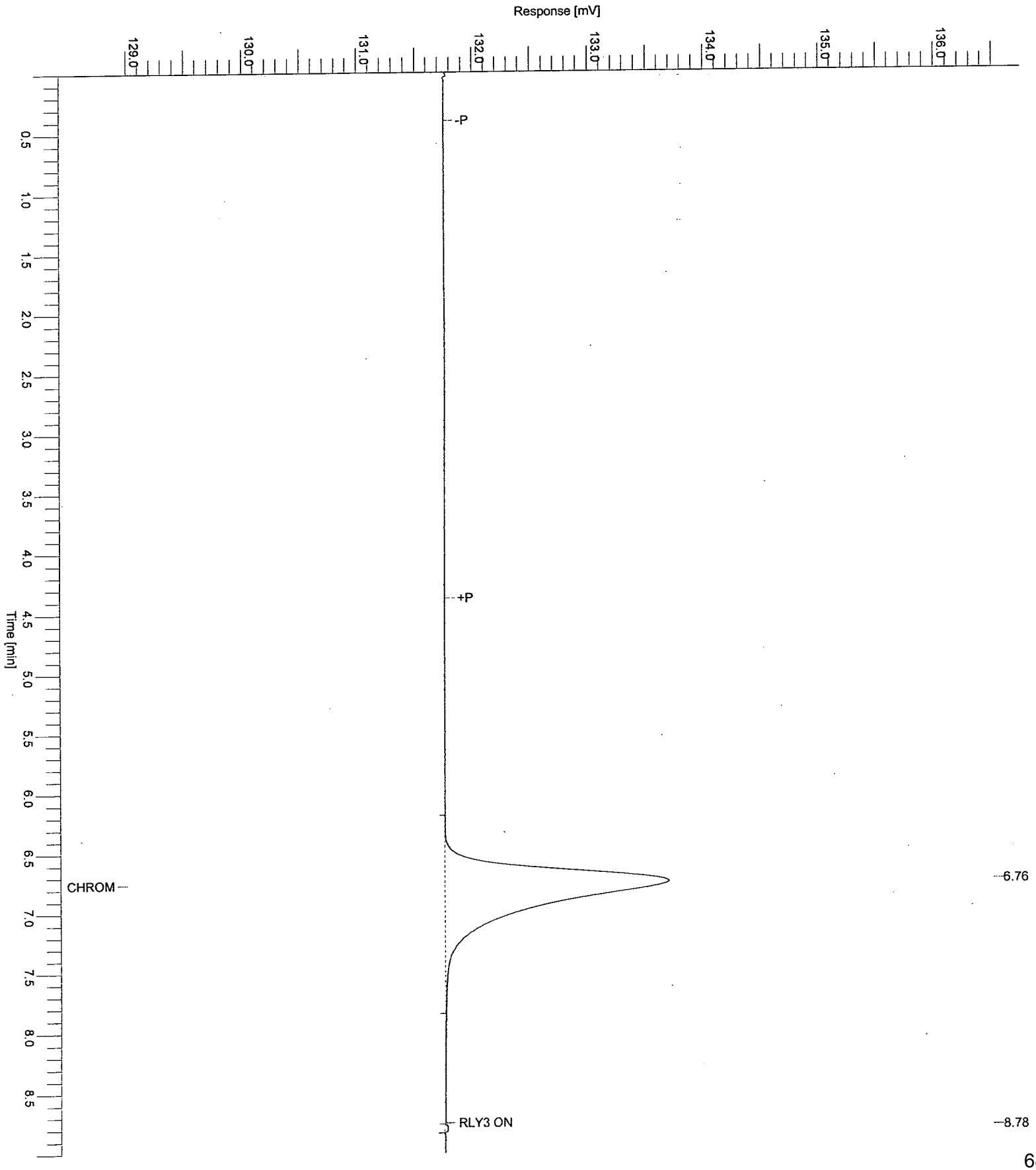
* Warning -- uncalibrated levels encountered

Report stored in ASCII file: h:\data\ic4\20070302\20070302029.TX0

Chromatogram

Sample Name : CCV
Sample #: 7C02041

FileName : h:\data\ic4\20070302\20070302029.raw
Date : 3/2/2007 10:58:15 PM
Method : chr6qb20.mth
Time of Injection: 3/2/2007 10:48:59 PM
Start Time : 0.00 min
End Time : 9.00 min
Low Point : 129.00 mV
High Point : 136.50 mV
Plot Offset: 129.00 mV
Plot Scale: 7.5 mV



Software Version	: 6.2.1.0.106:0106	Date	: 3/2/2007 11:09:08 PM
Reprocess Number	: ic2: 80477		
Operator	: inorg	Sample Name	: CCB
Sample Number	: 7C02041	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: ICDNX4	Channel	: A
Interface Serial #	: 2100574712	A/D mV Range	: 1000
Delay Time	: 0.30 min	End Time	: 9.00 min
Sampling Rate	: 20.0000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/2/2007 10:59:56 PM	Cycle	: 30

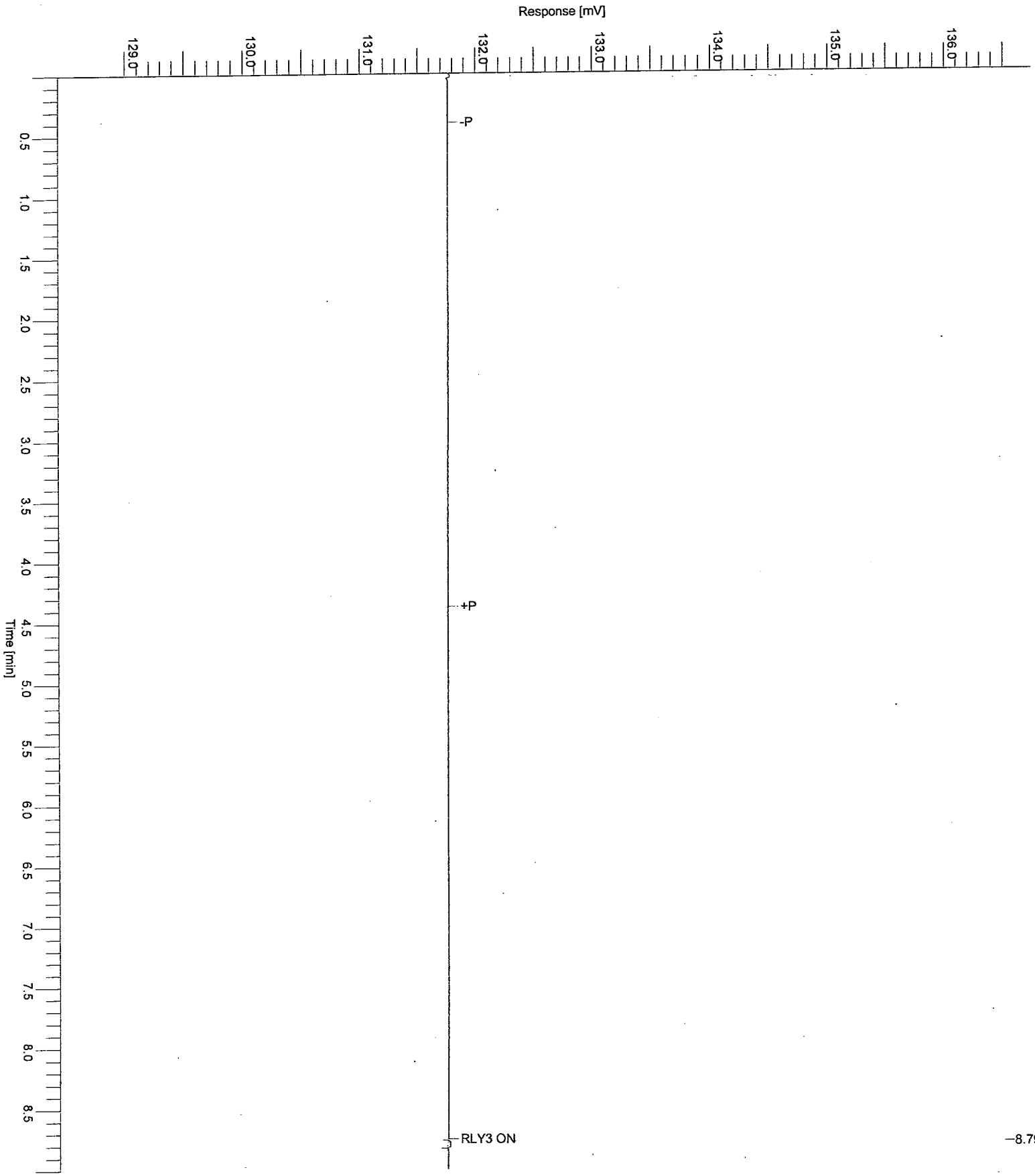
Raw Data File : h:\data\ic4\20070302\20070302030.raw
Result File : h:\data\ic4\20070302\20070302030.rst
Inst Method : h:\data\ic4\chr6qb20 from h:\data\ic4\20070302\20070302030.raw
Proc Method : h:\data\ic4\chr6qb20 from h:\data\ic4\20070302\20070302030.rst
Calib Method : h:\data\ic4\chr6qb20 from h:\data\ic4\20070302\20070302030.rst
Report Format File: h:\data\ic4\chrom6w.rpt
Sequence File : H:\DATA\IC4\20070302\20070302.seq

CHROM6

Peak #	Time [min]	Component Name	Area [µV·s]	Height [µV]	Raw Amount	Adjusted Amount	Cal. Range
-	6.845	chrom6	0.00	0.00000	0.0000	0.0000	
			0.00	0.00000	0.0000	0.0000	

Report stored in ASCII file: h:\data\ic4\20070302\20070302030.TX0

Chromatogram

Sample Name : CCB
Sample #: 7C02041

FileName : h:\data\ic4\20070302\20070302030.raw
Date : 3/2/2007 11:09:13 PM
Method : chr6qb20.mth
Time of Injection: 3/2/2007 10:59:56 PM
Start Time : 0.00 min
End Time : 9.00 min
Low Point : 129.00 mV
High Point : 136.50 mV
Plot Offset: 129.00 mV
Plot Scale: 7.5 mV