



Clarity - Chromatography SW

University of Pannonia, BME

www.uni-pannon.hu



Calibration : biohidrogen20120920
 Description :
 Created : 2012.09.20. 10:43:23

By : bme admin
 Modified : 2012.11.21. 15:03:55

Calculation : ESTD
 Calibrate : Automatic
 Change Response : Enable
 Update Reten. Time : Enable
 Default Injected Volume : Not Used

Mode : Calibrate
 Recalibration Type : Average
 Weight : 0,25
 Search Criteria : 0,00%

Calibration Summary Table (ESTD - biohidrogen20120920 - Signal 1)

Used	Compound Name	Reten.Time	Left Window	Right Window	Peak Type	Peak Color	LOD	LOQ	R B	Resp. Factor
☒	hidrogen	0,937	0,200	0,200	Ordnr		0,000	0,000	A	0,0000
☒	oxigen	1,270	0,200	0,200	Ordnr		0,000	0,000	A	0,0000
☒	nitrogen	1,503	0,200	0,200	Ordnr		0,000	0,000	A	0,0000
☒	metán	2,703	0,200	0,200	Ordnr		0,000	0,000	A	0,0000

hydrogen - Signal 1 - 0,937 min.

Peak Type : Ordnr

Left Window : 0,2 min

Right Window : 0,2 min

Response Base : Area

Curve Fit Type : Linear

Zero Type : Curve from Zero

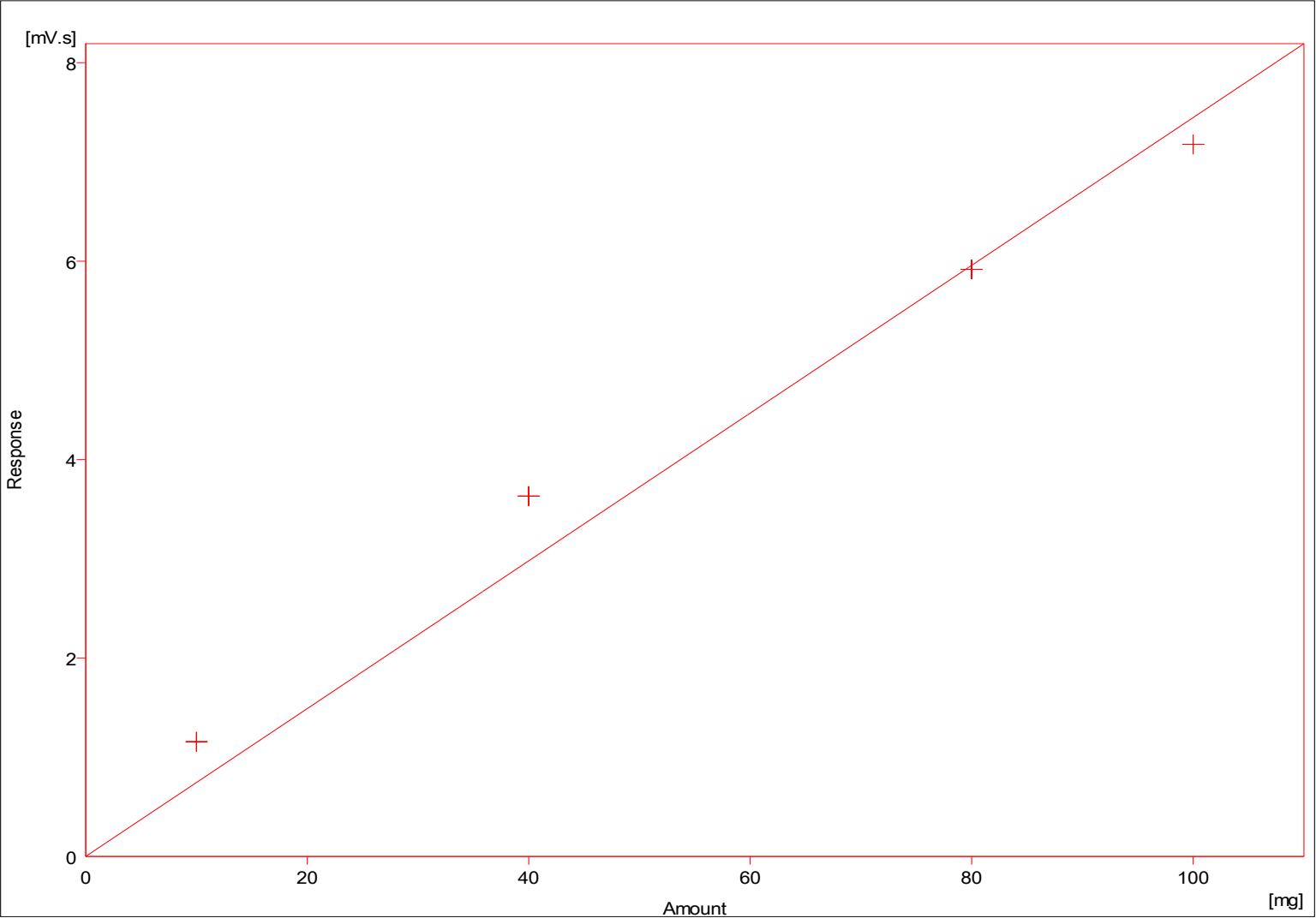
Weighting Method : None

Subst. Equation : $Y = 0,07447 \cdot X$

Correlation Coef. : 0,9956113

Residuum : 0,36558 [mV.s]

	Response	Amount	Resp. Factor	Rec No.	Used
1	1,1550	10,0000	8,6580	1	☒
2	3,6310	40,0000	11,0162	1	☒
3	5,9170	80,0000	13,5204	1	☒
4	7,1770	100,0000	13,9334	1	☒
5	0,0000	0,0000	0,0000	1	☒
6	0,0000	0,0000	0,0000	1	☒
7	0,0000	0,0000	0,0000	1	☒
8	0,0000	0,0000	0,0000	1	☒
9	0,0000	0,0000	0,0000	1	☒
10	0,0000	0,0000	0,0000	1	☒
11	0,0000	0,0000	0,0000	1	☒
12	0,0000	0,0000	0,0000	1	☒
13	0,0000	0,0000	0,0000	1	☒
14	0,0000	0,0000	0,0000	1	☒
15	0,0000	0,0000	0,0000	1	☒
16	0,0000	0,0000	0,0000	1	☒
17	0,0000	0,0000	0,0000	1	☒
18	0,0000	0,0000	0,0000	1	☒
19	0,0000	0,0000	0,0000	1	☒
20	0,0000	0,0000	0,0000	1	☒
BL	0,0000	Blank	0,0000	1	☒



oxygen - Signal 1 - 1,27 min.

Peak Type : Ordnr

Left Window : 0,2 min

Right Window : 0,2 min

Response Base : Area

Curve Fit Type : Linear

Zero Type : Curve from Zero

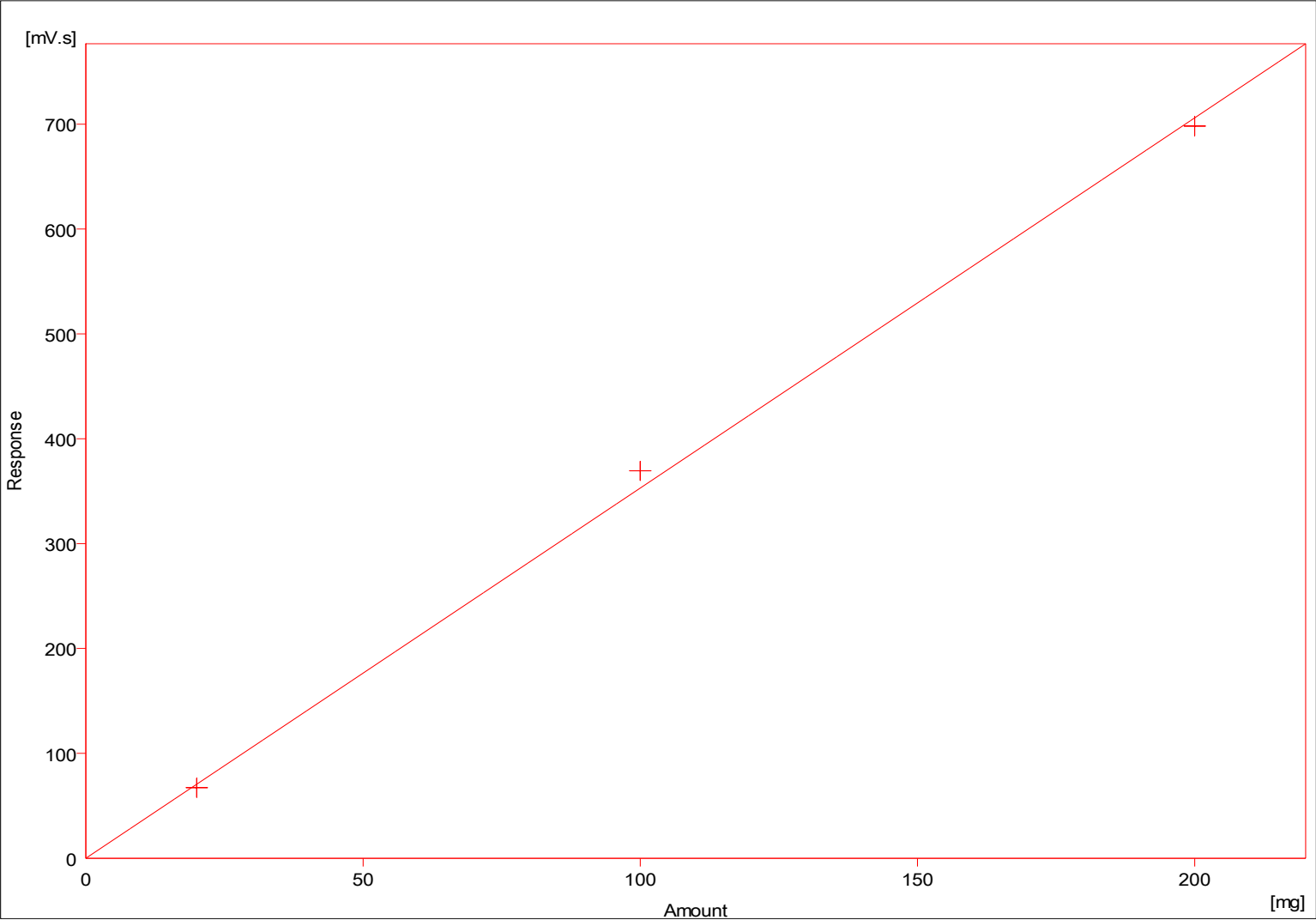
Weighting Method : None

Subst. Equation : $Y = 3,53011 \cdot X$

Correlation Coef. : 0,9992925

Residuum : 9,25208 [mV.s]

	Response	Amount	Resp. Factor	Rec No.	Used
1	67,2180	20,0000	0,2975	1	☒
2	369,4160	100,0000	0,2707	1	☒
3	698,1590	200,0000	0,2865	1	☒
4	1282,3510	0,0000	0,0000	1	☒
5	0,0000	0,0000	0,0000	1	☒
6	0,0000	0,0000	0,0000	1	☒
7	0,0000	0,0000	0,0000	1	☒
8	0,0000	0,0000	0,0000	1	☒
9	0,0000	0,0000	0,0000	1	☒
10	0,0000	0,0000	0,0000	1	☒
11	0,0000	0,0000	0,0000	1	☒
12	0,0000	0,0000	0,0000	1	☒
13	0,0000	0,0000	0,0000	1	☒
14	0,0000	0,0000	0,0000	1	☒
15	0,0000	0,0000	0,0000	1	☒
16	0,0000	0,0000	0,0000	1	☒
17	0,0000	0,0000	0,0000	1	☒
18	0,0000	0,0000	0,0000	1	☒
19	0,0000	0,0000	0,0000	1	☒
20	0,0000	0,0000	0,0000	1	☒
BL	0,0000	Blank	0,0000	1	☒



nitrogen - Signal 1 - 1,503 min.

Peak Type : Ordnr

Left Window : 0,2 min

Right Window : 0,2 min

Response Base : Area

Curve Fit Type : Linear

Zero Type : Curve from Zero

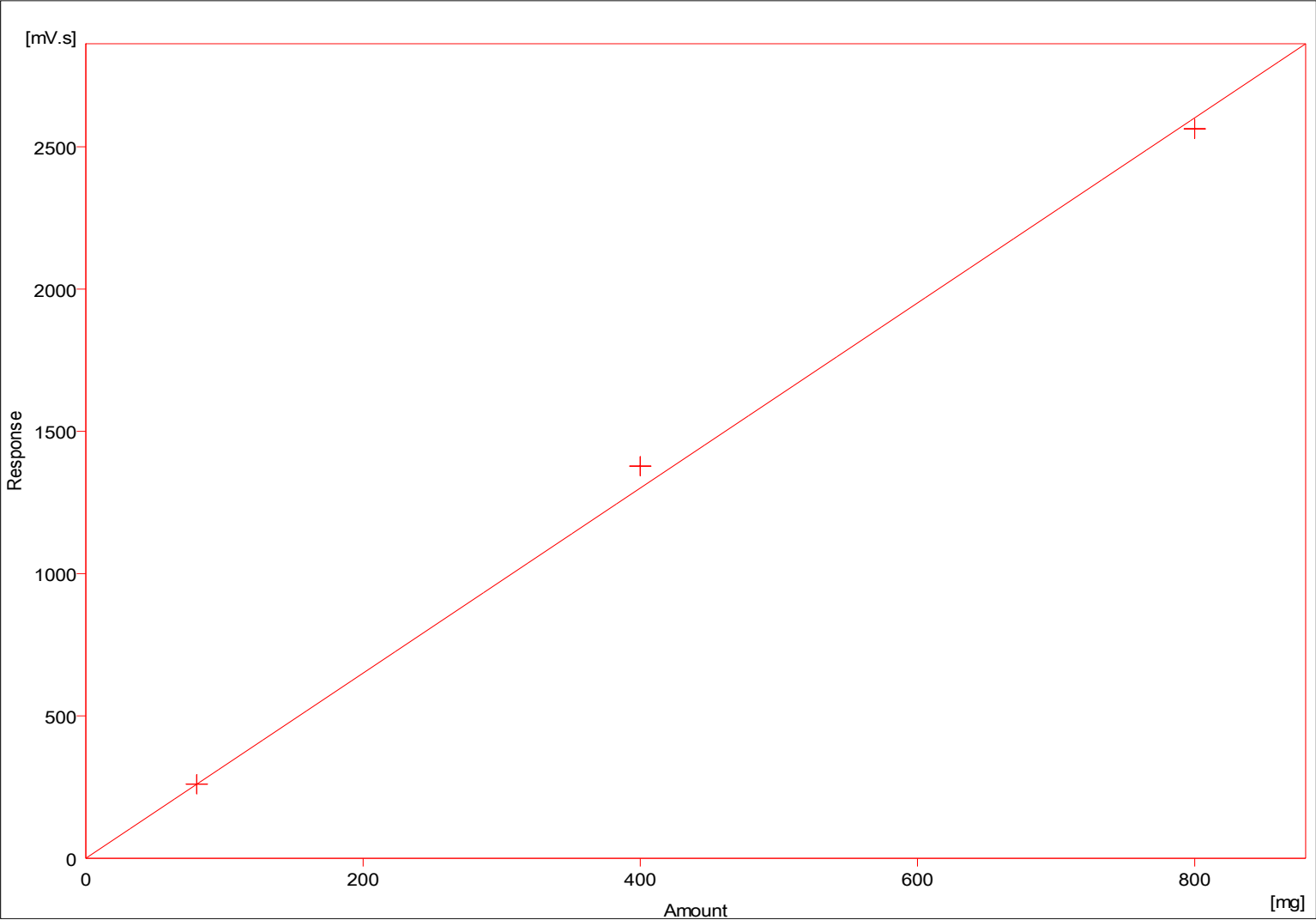
Weighting Method : None

Subst. Equation : $Y = 3,25214 \cdot X$

Correlation Coef. : 0,9989845

Residuum : 42,97774 [mV.s]

	Response	Amount	Resp. Factor	Rec No.	Used
1	260,0180	80,0000	0,3077	1	☒
2	1377,7430	400,0000	0,2903	1	☒
3	2563,2840	800,0000	0,3121	1	☒
4	0,0000	0,0000	0,0000	1	☒
5	0,0000	0,0000	0,0000	1	☒
6	0,0000	0,0000	0,0000	1	☒
7	0,0000	0,0000	0,0000	1	☒
8	0,0000	0,0000	0,0000	1	☒
9	0,0000	0,0000	0,0000	1	☒
10	0,0000	0,0000	0,0000	1	☒
11	0,0000	0,0000	0,0000	1	☒
12	0,0000	0,0000	0,0000	1	☒
13	0,0000	0,0000	0,0000	1	☒
14	0,0000	0,0000	0,0000	1	☒
15	0,0000	0,0000	0,0000	1	☒
16	0,0000	0,0000	0,0000	1	☒
17	0,0000	0,0000	0,0000	1	☒
18	0,0000	0,0000	0,0000	1	☒
19	0,0000	0,0000	0,0000	1	☒
20	0,0000	0,0000	0,0000	1	☒
BL	0,0000	Blank	0,0000	1	☒



metán - Signal 1 - 2,703 min.

Peak Type : Ordnr

Left Window : 0,2 min

Right Window : 0,2 min

Response Base : Area

Curve Fit Type : Linear

Zero Type : Curve from Zero

Weighting Method : None

Subst. Equation : $Y = 0,33369 \cdot X$

Correlation Coef. : 0,9991462

Residuum : 5,42549 [mV.s]

	Response	Amount	Resp. Factor	Rec No.	Used
1	40,0000	142,2090	3,5552	1	☒
2	80,0000	258,8680	3,2359	1	☒
3	200,0000	585,4760	2,9274	1	☒
4	0,0000	0,0000	0,0000	0	☒
5	0,0000	0,0000	0,0000	0	☒
6	0,0000	0,0000	0,0000	0	☒
7	0,0000	0,0000	0,0000	0	☒
8	0,0000	0,0000	0,0000	0	☒
9	0,0000	0,0000	0,0000	0	☒
10	0,0000	0,0000	0,0000	0	☒
11	0,0000	0,0000	0,0000	0	☒
12	0,0000	0,0000	0,0000	0	☒
13	0,0000	0,0000	0,0000	0	☒
14	0,0000	0,0000	0,0000	0	☒
15	0,0000	0,0000	0,0000	0	☒
16	0,0000	0,0000	0,0000	0	☒
17	0,0000	0,0000	0,0000	0	☒
18	0,0000	0,0000	0,0000	0	☒
19	0,0000	0,0000	0,0000	0	☒
20	0,0000	0,0000	0,0000	0	☒
BL	0,0000	Blank	0,0000	0	☒

