

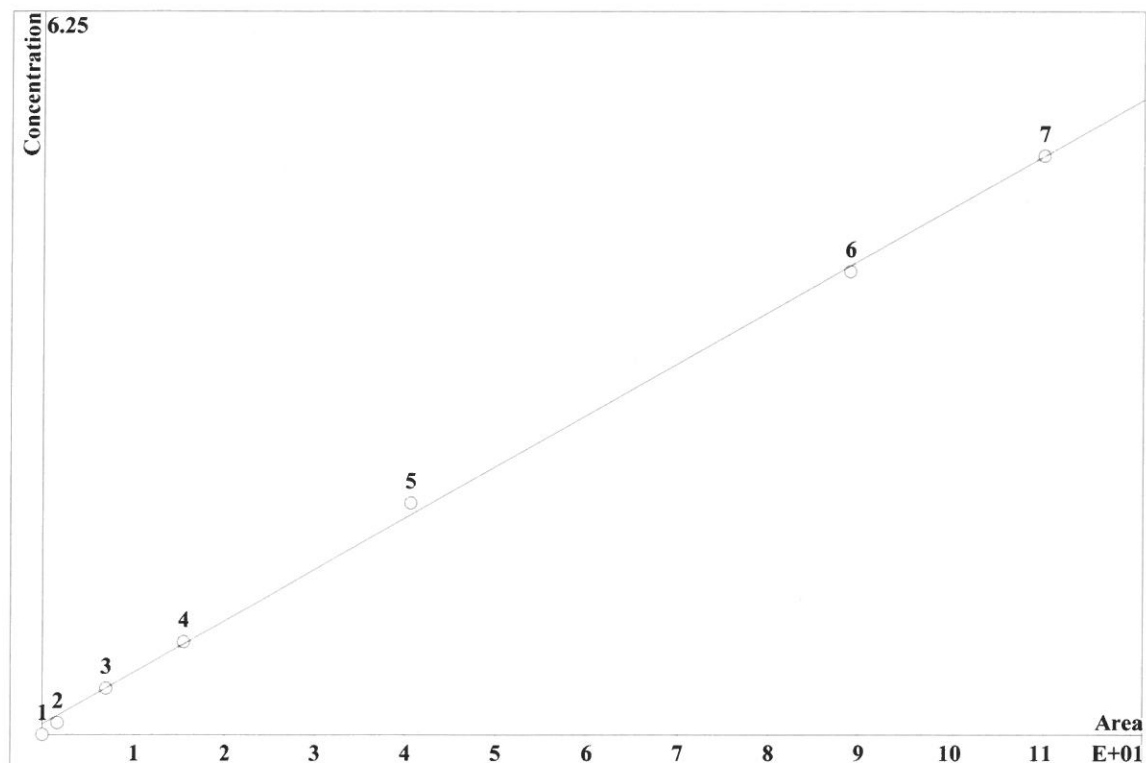
Clear table

m300.0
IC-1
6-5-17 AK

ident	concentrati on F-	concentrati on CL-	concentrati on NO2	concentrati on BR-	concentrati on NO3	concentrati on HPO4	concentrati on SO4	file name	date time
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-05-15_	5/15/17 11:02
STD2	0.1680	0.2160	0.2440	0.6450	0.1460	0.1030	1.0470	2017-05-15_	5/15/17 11:31
STD3	0.4030	0.6020	0.6580	2.0770	0.4680	1.0260	2.9870	2017-05-15_	5/15/17 12:00
STD4	0.7820	1.2210	1.2160	4.0220	1.1690	2.1440	6.1280	2017-05-15_	5/15/17 12:29
STD5	1.9000	2.8570	2.7290	9.5580	2.2950	4.9660	14.3590	2017-05-15_	5/15/17 12:58
STD6	4.0490	6.0300	6.0810	20.2230	5.0090	10.1250	30.0630	2017-05-15_	5/15/17 13:27
STD7	4.9990	7.5250	7.5220	24.9750	6.2880	12.3860	37.6660	2017-05-15_	5/15/17 13:55
ICV	1.9560	3.0450	2.8960	10.3760	2.4930	5.2530	14.8750	2017-05-15_	5/15/17 15:57
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-05-15_	5/15/17 16:26
CCV	2.2170	3.0890	3.0700	10.4050	2.4270	3.9120	14.1070	2017-06-02_	6/2/17 12:37
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-06-02_	6/2/17 13:06
LB87865BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-06-02_	6/2/17 13:35
LB87865BSW	2.0820	3.0090	3.0040	10.2530	2.4920	3.9100	14.2900	2017-06-02_	6/2/17 14:04
I3459-01	0.0000	4.5590	0.0000	1.7170	0.0000	0.0000	8.9100	2017-06-02_	6/2/17 17:04
I3459-02	0.0000	4.6280	0.0000	1.5900	0.0000	0.0000	8.8820	2017-06-02_	6/2/17 17:33
I3459-03	0.1580	5.5310	0.0000	2.2350	0.0000	0.0000	23.8650	2017-06-02_	6/2/17 18:02
I3459-04	0.0000	4.6750	0.0000	2.1680	0.2220	0.0000	4.2870	2017-06-02_	6/2/17 18:31
I3459-05	0.2030	5.8620	0.0000	3.2480	0.0000	0.0000	31.3390	2017-06-02_	6/2/17 19:00
I3459-05DUP	0.0000	5.6510	0.0000	3.1520	0.0000	0.0000	31.3550	2017-06-02_	6/2/17 19:29
I3459-05MS	2.4280	8.1960	2.9130	12.3680	2.4630	3.0420	45.1150	2017-06-02_	6/2/17 19:58
I3459-05MSD	2.5270	8.3280	3.0250	13.1180	2.5880	2.3320	44.6890	2017-06-02_	6/2/17 20:27
CCV	2.0870	3.0330	3.1340	10.3220	2.5100	2.6300	14.2170	2017-06-02_	6/2/17 20:56
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-06-02_	6/2/17 21:25
I3459-08	0.0000	12.7080	0.0000	1.3820	1.8890	0.0000	24.1100	2017-06-02_	6/2/17 21:53
I3459-09	0.0000	3.2300	0.0000	2.0160	4.6690	0.0000	32.4510	2017-06-02_	6/2/17 22:22
I3459-10	0.0000	4.1750	0.0000	1.4820	0.0000	0.0000	9.7820	2017-06-02_	6/2/17 22:51
I3459-11	0.2080	7.1400	0.0000	1.4600	0.0000	0.0000	11.2440	2017-06-02_	6/2/17 23:20
CCV	2.0880	3.0910	3.1560	10.6760	2.4380	3.1520	14.4210	2017-06-02_	6/2/17 23:49
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-06-03_	6/3/17 0:18

CALIBRATION OF COMPONENT F-

Method: ANIONS 05-15-17.mtw
 Equation: $Q = 0.889647 \cdot A + 1.88268$
 RSD: 3.209 %
 Correlation coefficient: 0.999580



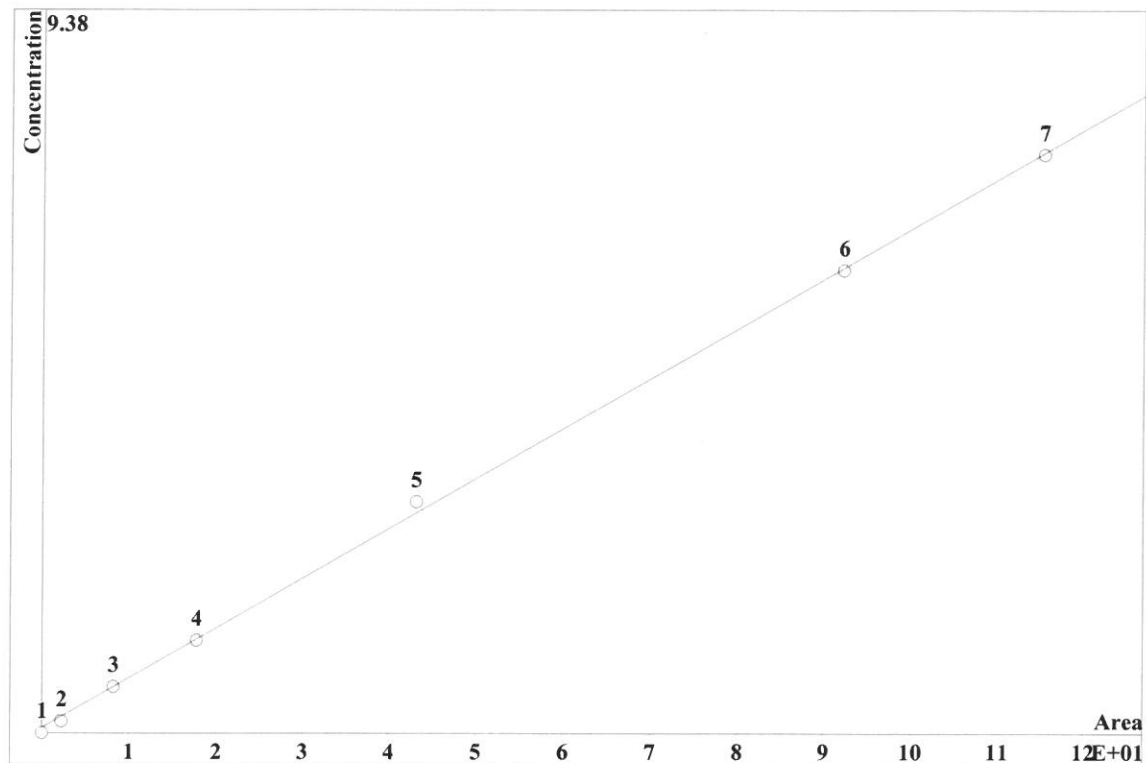
K3 = 0 K2 = 0 K1 = 0.889647 K0 = 1.88268

Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0	No	
2	0.07652	1.652	0.1	20	5.749	Yes	
3	0.324	6.938	0.4	20	5.749	Yes	
4	0.717	15.46	0.8	20	5.749	Yes	
5	1.866	40.6	2	20	5.749	Yes	
6	4.29	88.91	4	20	5.749	Yes	
7	5.406	110.3	5	20	5.749	Yes	

CALIBRATION OF COMPONENT CL-

Method: ANIONS 05-15-17.mtw
 Equation: $Q = 1.29355 \cdot A + 1.37856$
 RSD: 2.656 %
 Correlation coefficient: 0.999712



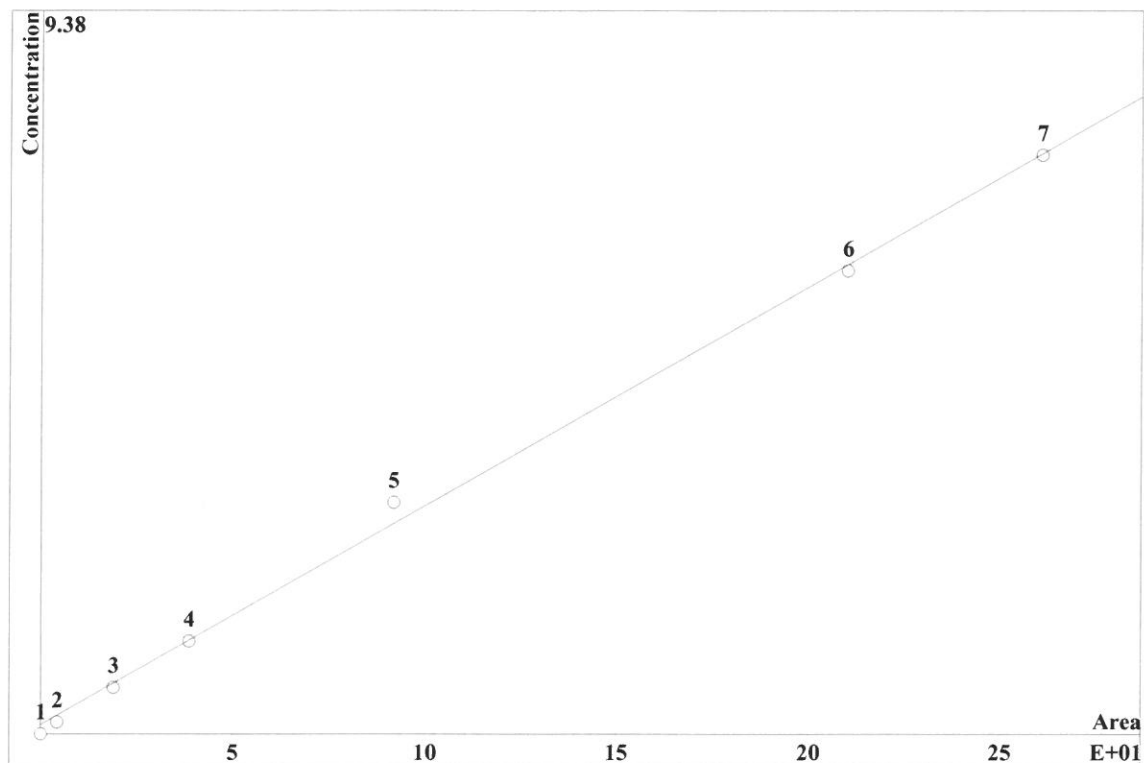
K3 = 0 K2 = 0 K1 = 1.29355 K0 = 1.37856

Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0	No	
2	0.1089	2.272	0.15	20	8.479	Yes	
3	0.4367	8.236	0.6	20	8.479	Yes	
4	0.9321	17.81	1.2	20	8.479	Yes	
5	2.268	43.11	3	20	8.479	Yes	
6	4.949	92.16	6	20	8.479	Yes	
7	6.199	115.3	7.5	20	8.479	Yes	

CALIBRATION OF COMPONENT NO2

Method: ANIONS 05-15-17.mtw
 Equation: $Q = 0.567341 \cdot A + 2.43191$
 RSD: 4.959 %
 Correlation coefficient: 0.998996



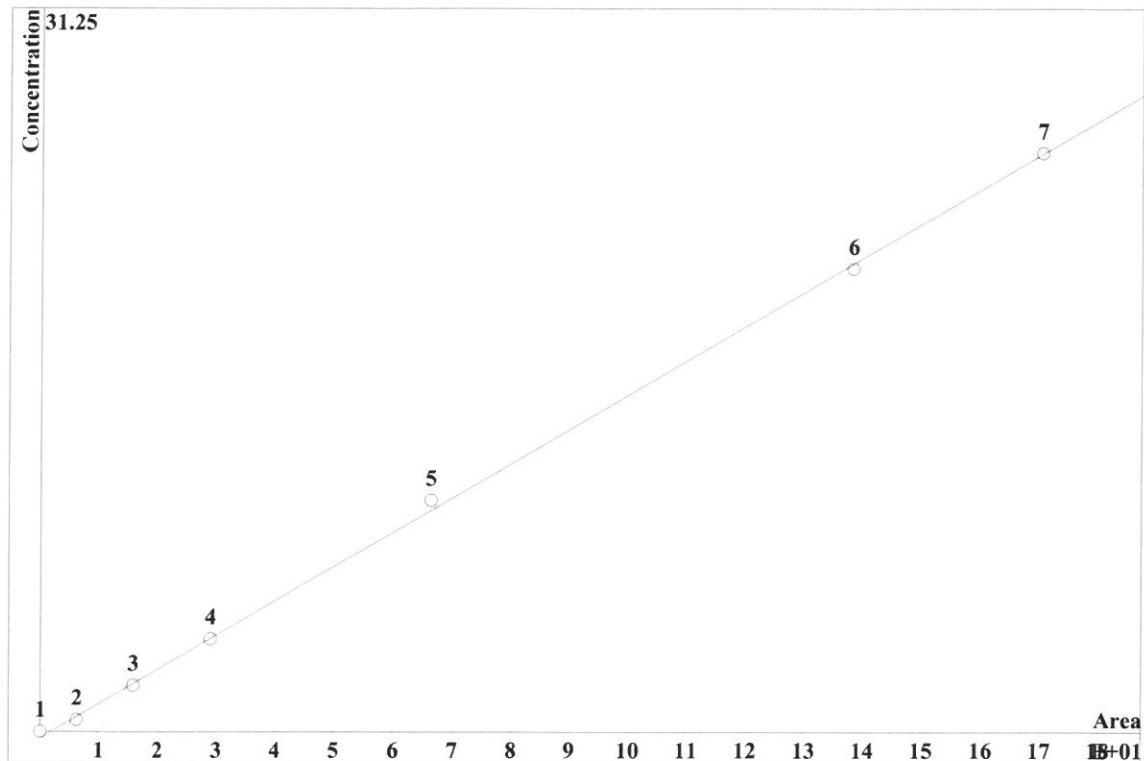
K3 = 0 K2 = 0 K1 = 0.567341 K0 = 2.43191

Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.2034	4.302	0.15	20	10.05		Yes
3	0.8716	18.92	0.6	20	10.05		Yes
4	1.814	38.58	1.2	20	10.05		Yes
5	4.378	91.91	3	20	10.05		Yes
6	10.18	210.1	6	20	10.05		Yes
7	12.55	260.9	7.5	20	10.05		Yes

CALIBRATION OF COMPONENT BR-

Method: ANIONS 05-15-17.mtw
 Equation: $Q = 2.96397 \cdot A - 5.53602$
 RSD: 2.549 %
 Correlation coefficient: 0.999735



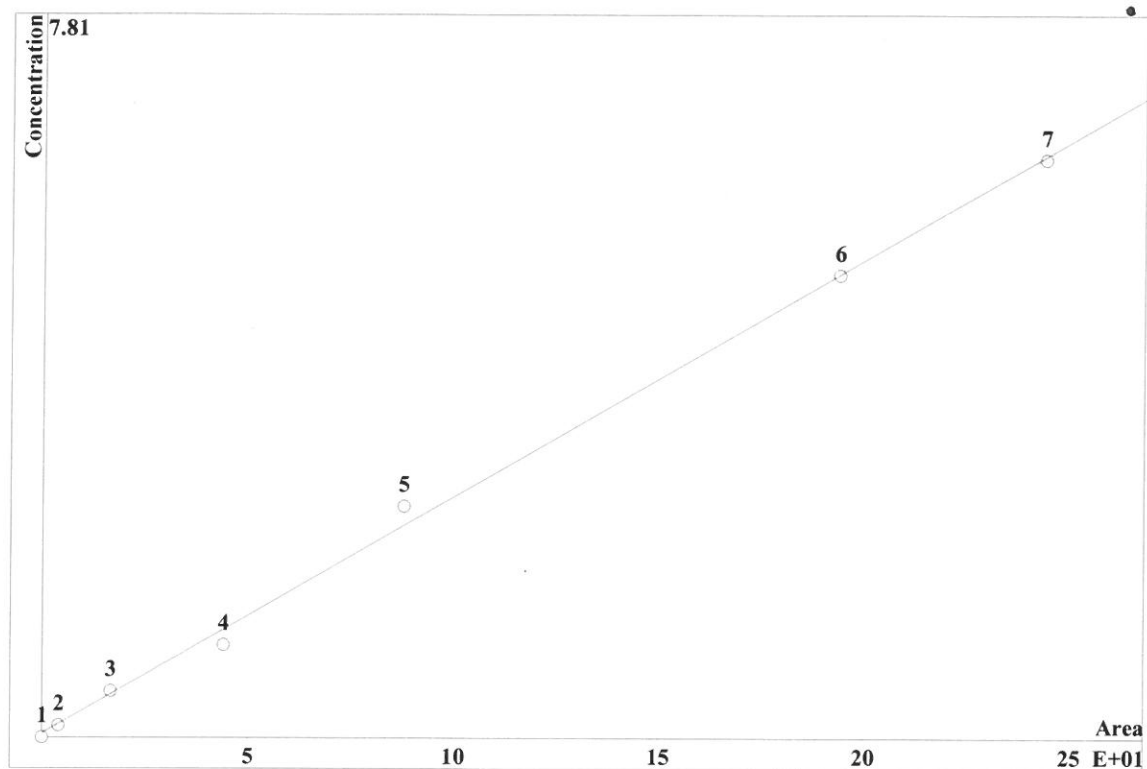
K3 = 0 K2 = 0 K1 = 2.96397 K0 = -5.53602

Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.1808	6.219	0.5	20	13.31			Yes
3	0.5183	15.88	2	20	13.31			Yes
4	0.9716	29.01	4	20	13.31			Yes
5	2.15	66.36	10	20	13.31			Yes
6	4.095	138.3	20	20	13.31			Yes
7	4.862	170.4	25	20	13.31			Yes

CALIBRATION OF COMPONENT NO3

Method: ANIONS 05-15-17.mtw
 Equation: $Q = 0.512186 \cdot A + 0.87084$
 RSD: 5.298 %
 Correlation coefficient: 0.998854



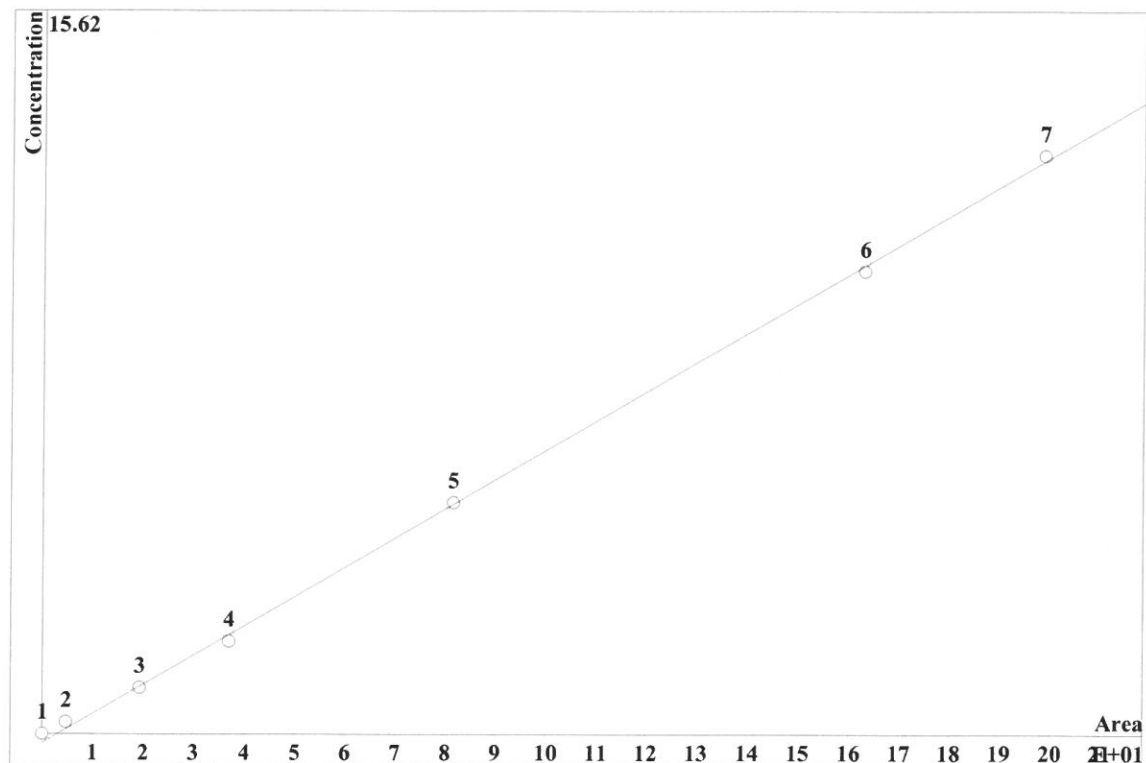
K3 = 0 K2 = 0 K1 = 0.512186 K0 = 0.87084

Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0	No	
2	0.1557	3.994	0.125	20	14.38	Yes	
3	0.6503	16.56	0.5	20	14.38	Yes	
4	1.723	43.96	1	20	14.38	Yes	
5	3.441	87.91	2.5	20	14.38	Yes	
6	7.621	193.9	5	20	14.38	Yes	
7	9.579	243.8	6.25	20	14.38	Yes	

CALIBRATION OF COMPONENT HPO4

Method: ANIONS 05-15-17.mtw
 Equation: $Q = 1.26645 \cdot A - 3.92523$
 RSD: 2.632 %
 Correlation coefficient: 0.999717



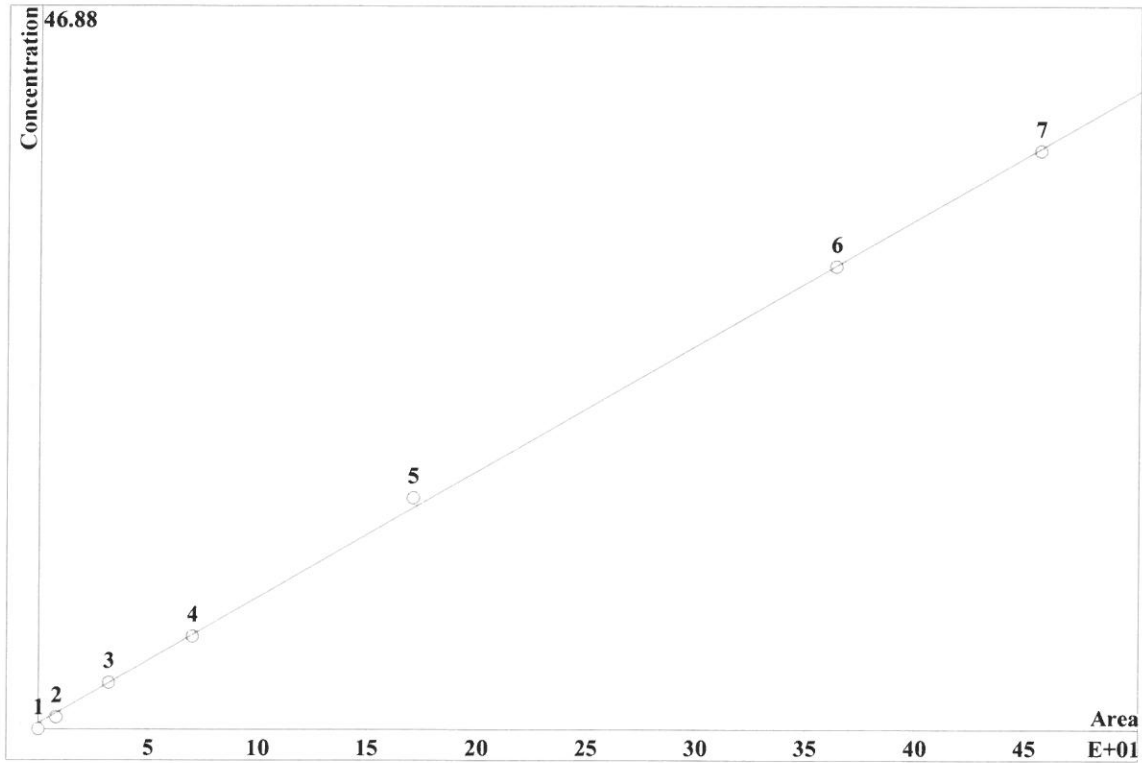
K3 = 0 K2 = 0 K1 = 1.26645 K0 = -3.92523

Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0	No	
2	0.06824	4.728	0.25	20	20.62	Yes	
3	0.2945	19.31	1	20	20.62	Yes	
4	0.5984	36.96	2	20	20.62	Yes	
5	1.408	81.53	5	20	20.62	Yes	
6	3.055	163	10	20	20.62	Yes	
7	3.815	198.7	12.5	20	20.62	Yes	

CALIBRATION OF COMPONENT SO4

Method: ANIONS 05-15-17.mtw
 Equation: $Q = 1.63278 \cdot A + 7.82709$
 RSD: 2.404 %
 Correlation coefficient: 0.999764



K3 = 0 K2 = 0 K1 = 1.63278 K0 = 7.82709

Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0	No	
2	0.2247	8.028	0.75	20	25.97	Yes	
3	0.9024	31.79	3	20	25.97	Yes	
4	2.042	70.27	6	20	25.97	Yes	
5	4.822	171.1	15	20	25.97	Yes	
6	10.91	363.4	30	20	25.97	Yes	
7	13.81	456.6	37.5	20	25.97	Yes	

Report date: 5/16/2017 10:12:46 AM
Printed by: wet

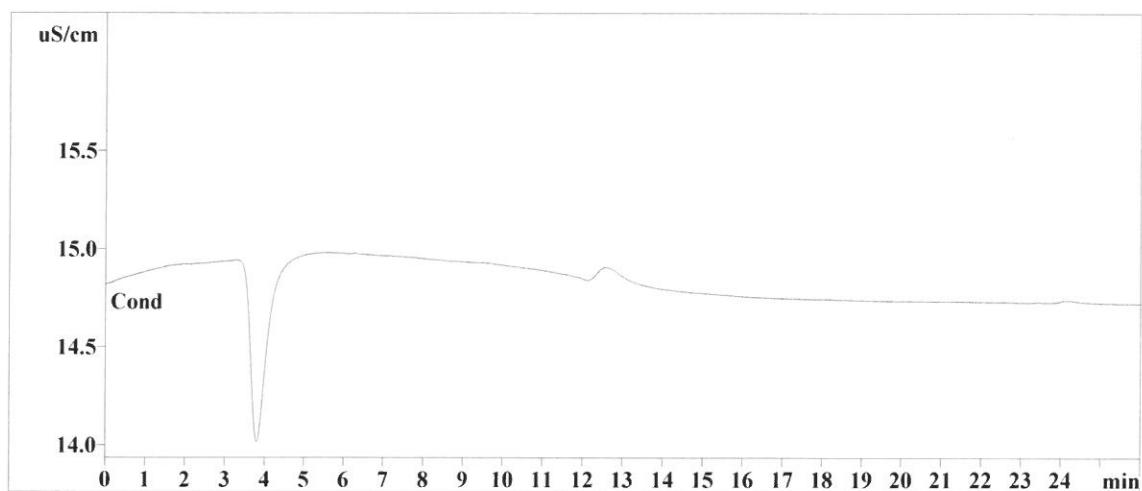
Ident: STD1
Analysis from: 5/15/2017 11:02:24 AM
File: _2017-05-15_

Last save: 5/16/2017 10:10:46 AM

Method: ANIONS 05-15-17.mtw
Run operator: wet
Analysis number: 57419

Last save: 5/15/2017 11:28:14 AM

SAMPLE:
: AP/AK
Vial number: 2
Volume: 20.0 μ L
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No peaks

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Report date: 5/16/2017 10:12:55 AM
Printed by: wet

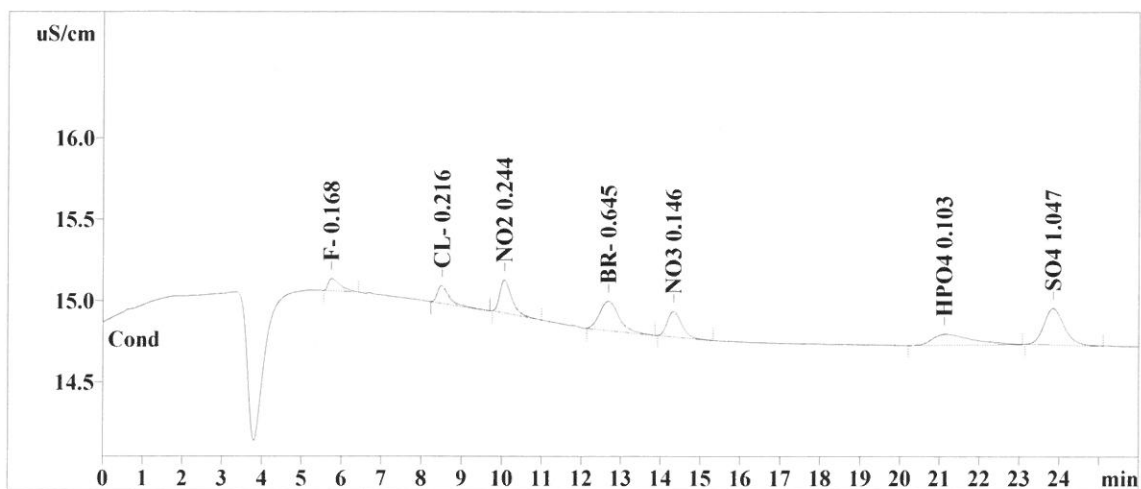
Ident: STD2
Analysis from: 5/15/2017 11:31:20 AM
File: _2017-05-15_

Last save: 5/16/2017 10:10:46 AM

Method: ANIONS 05-15-17.mtw
Run operator: wet
Analysis number: 57420

Last save: 5/15/2017 11:28:14 AM

SAMPLE:
: AP/AK
Vial number: 3
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.76	0.325	0.08	7.46	1.652	5.29	0.
2	8.50	0.294	0.11	10.64	2.272	7.28	0.
3	10.06	0.312	0.20	19.93	4.302	13.79	0.
4	12.68	0.511	0.18	17.68	6.219	19.94	0.
5	14.32	0.396	0.15	15.22	3.994	12.80	0.
6	21.13	1.031	0.07	6.64	4.728	15.16	0.
7	23.84	0.539	0.22	21.97	8.028	25.73	0.
7	26.00	0.487	1.01	99.54	31.195	100.00	0.

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Report date: 5/16/2017 10:13:04 AM
Printed by: wet

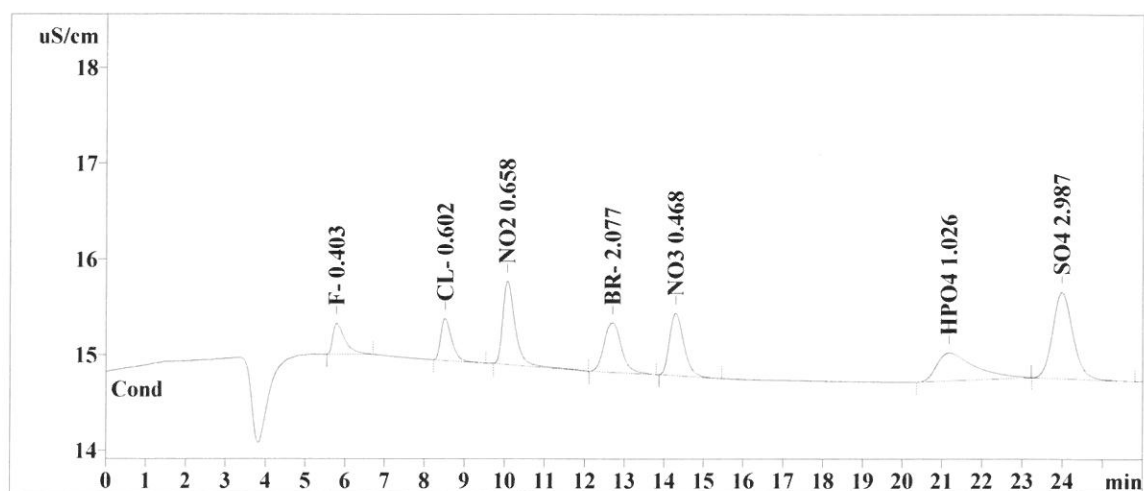
Ident: STD3
Analysis from: 5/15/2017 12:00:16 PM
File: _2017-05-15_

Last save: 5/16/2017 10:10:46 AM

Method: ANIONS 05-15-17.mtw
Run operator: wet
Analysis number: 57421

Last save: 5/15/2017 11:28:14 AM

SAMPLE:
: AP/AK
Vial number: 4
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.79	0.307	0.32	8.10	6.938	5.90	0.
2	8.51	0.283	0.44	10.91	8.236	7.00	0.
3	10.07	0.309	0.87	21.79	18.919	16.08	0.
4	12.70	0.461	0.52	12.96	15.883	13.50	0.
5	14.28	0.391	0.65	16.26	16.565	14.08	0.
6	21.18	0.963	0.29	7.35	19.308	16.41	0.
7	23.98	0.532	0.90	22.57	31.794	27.03	0.
7	26.00	0.464	4.00	99.93	117.642	100.00	0.

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Report date: 5/16/2017 10:13:09 AM
Printed by: wet

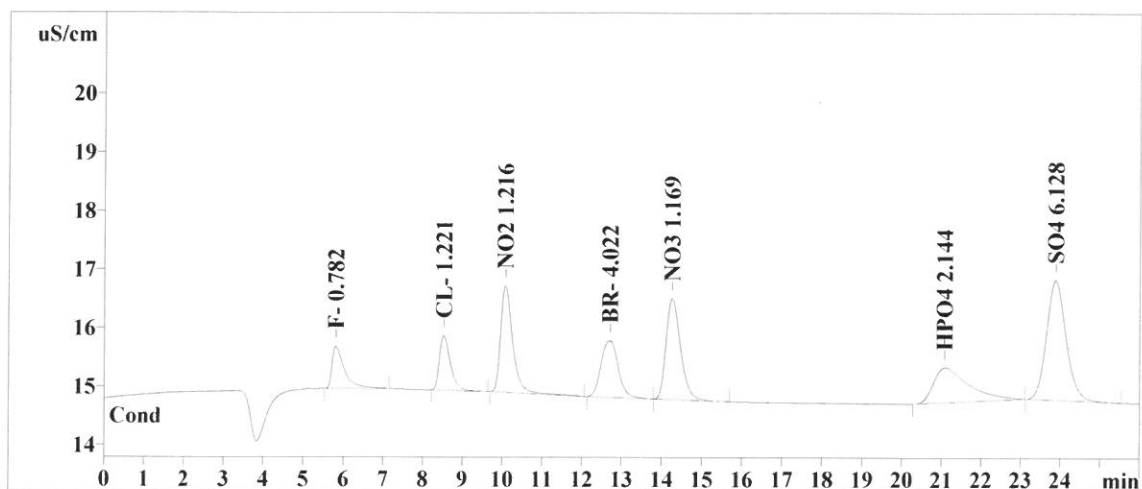
Ident: STD4
Analysis from: 5/15/2017 12:29:11 PM
File: _2017-05-15_

Last save: 5/16/2017 10:10:46 AM

Method: ANIONS 05-15-17.mtw
Run operator: wet
Analysis number: 57422

Last save: 5/15/2017 11:28:14 AM

SAMPLE:
: AP/AK
Vial number: 5
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.81	0.298	0.72	8.15	15.464	6.14	0.
2	8.53	0.286	0.93	10.59	17.805	7.06	0.
3	10.08	0.306	1.81	20.62	38.583	15.31	0.
4	12.70	0.460	0.97	11.04	29.008	11.51	0.
5	14.25	0.389	1.72	19.58	43.959	17.44	0.
6	21.08	0.896	0.60	6.79	36.956	14.66	0.
7	23.88	0.520	2.04	23.21	70.269	27.88	0.
7	26.00	0.451	8.80	99.97	252.044	100.00	0.

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Report date: 5/16/2017 10:13:14 AM
Printed by: wet

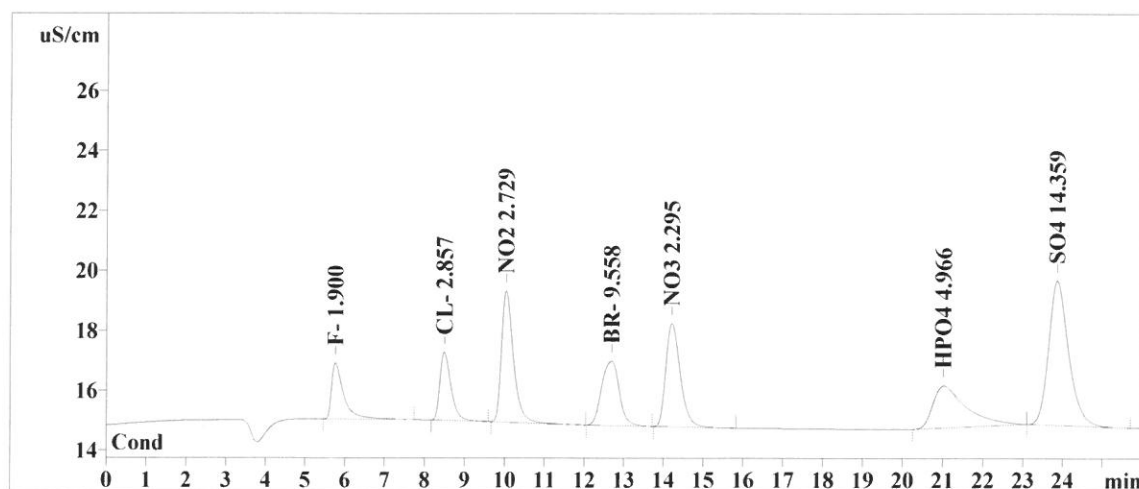
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File: _2017-05-15_

Last save: 5/16/2017 10:10:46 AM

Method: ANIONS 05-15-17.mtw
Run operator: wet
Analysis number: 57423

Last save: 5/15/2017 11:28:14 AM

SAMPLE:
: AP/AK
Vial number: 6
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.76	0.294	1.87	9.18	40.597	6.97	0.
2	8.49	0.283	2.27	11.15	43.110	7.40	0.
3	10.03	0.308	4.38	21.53	91.911	15.78	0.
4	12.68	0.485	2.15	10.57	66.364	11.39	0.
5	14.21	0.389	3.44	16.92	87.913	15.09	0.
6	21.02	0.821	1.41	6.92	81.526	14.00	0.
7	23.86	0.529	4.82	23.72	171.097	29.37	0.
7	26.00	0.444	20.33	99.99	582.517	100.00	0.

This report has been created by IC Net
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Report date: 5/16/2017 10:13:19 AM
Printed by: wet

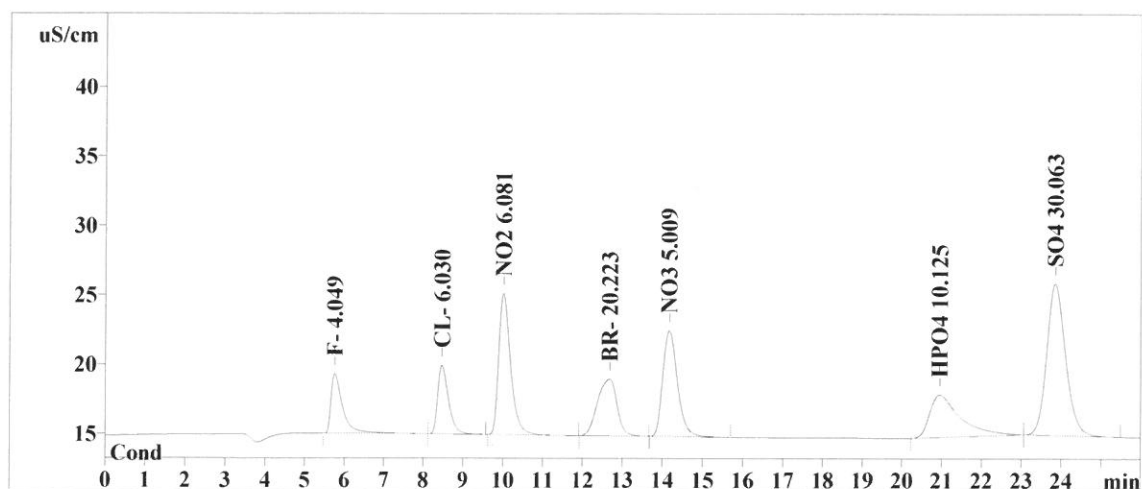
Ident: STD6
Analysis from: 5/15/2017 1:27:02 PM
File: _2017-05-15_

Last save: 5/16/2017 10:10:48 AM

Method: ANIONS 05-15-17.mtw
Run operator: wet
Analysis number: 57424

Last save: 5/15/2017 11:28:14 AM

SAMPLE:
: AP/AK
Vial number: 7
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.76	0.284	4.29	9.51	88.909	7.11	0.
2	8.47	0.277	4.95	10.97	92.162	7.37	0.
3	10.01	0.305	10.17	22.56	210.088	16.81	0.
4	12.67	0.538	4.09	9.08	138.328	11.07	0.
5	14.16	0.387	7.62	16.90	193.907	15.51	0.
6	20.95	0.742	3.05	6.77	162.995	13.04	0.
7	23.84	0.503	10.91	24.20	363.444	29.08	0.
7	26.00	0.434	45.10	99.99	1249.833	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/16/2017 10:13:24 AM
Printed by: wet

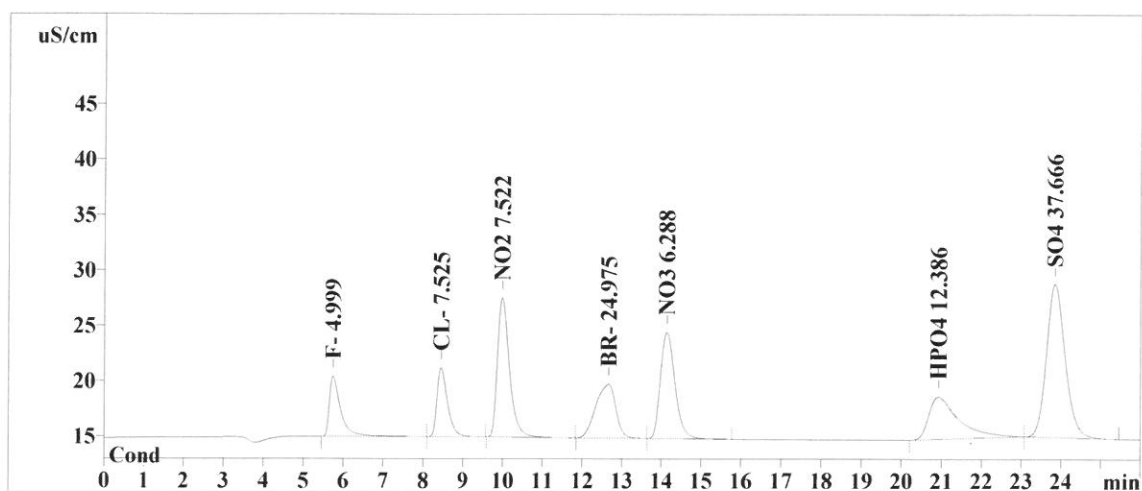
Ident: STD7
Analysis from: 5/15/2017 1:55:58 PM
File: _2017-05-15_

Last save: 5/16/2017 10:10:48 AM

Method: ANIONS 05-15-17.mtw
Run operator: wet
Analysis number: 57425

Last save: 5/15/2017 11:28:14 AM

SAMPLE:
: AK/AP
Vial number: 8
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.74	0.283	5.41	9.61	110.257	7.09	0.
2	8.45	0.277	6.20	11.03	115.281	7.41	0.
3	9.98	0.308	12.55	22.32	260.881	16.77	0.
4	12.66	0.560	4.86	8.65	170.389	10.95	0.
5	14.13	0.388	9.58	17.04	243.828	15.67	0.
6	20.92	0.720	3.82	6.79	198.696	12.77	0.
7	23.84	0.499	13.81	24.57	456.582	29.34	0.
7	26.00	0.434	56.22	100.00	1555.915	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/16/2017 10:15:44 AM
Printed by: wet

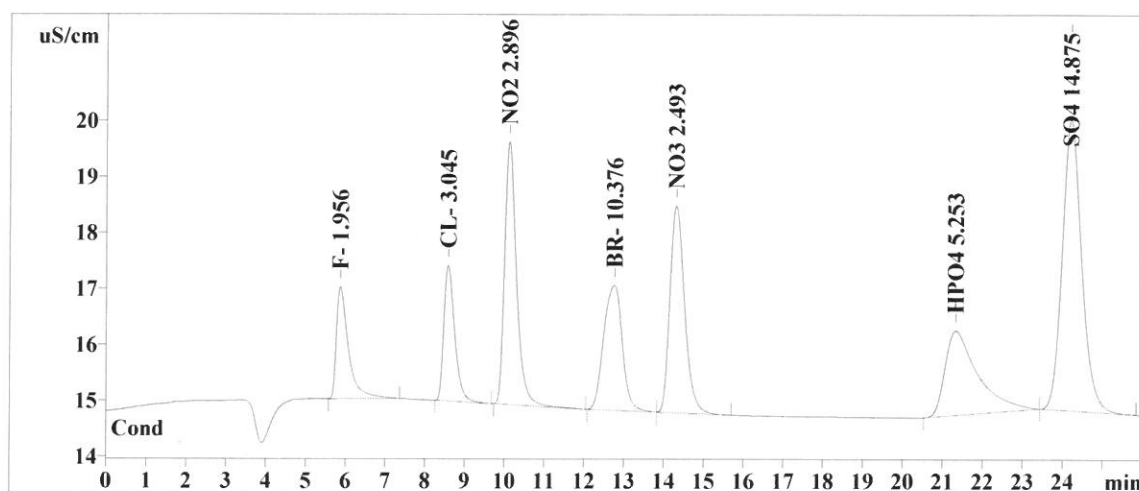
Ident: ICV
Analysis from: 5/15/2017 3:57:21 PM
File: _2017-05-15_

Last save: 5/16/2017 10:15:12 AM

Method: ANIONS 05-15-17.mtw
Run operator: wet
Analysis number: 57429

Last save: 5/15/2017 11:28:14 AM

SAMPLE:
: AK/AP
Vial number: 11
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.86	0.291	1.99	9.17	41.852	6.79	0.
2	8.58	0.285	2.42	11.15	46.010	7.46	0.
3	10.11	0.307	4.69	21.58	97.818	15.86	0.
4	12.75	0.507	2.23	10.28	71.882	11.66	0.
5	14.30	0.396	3.69	16.98	95.649	15.51	0.
6	21.32	0.803	1.51	6.95	86.049	13.95	0.
7	24.19	0.514	5.19	23.89	177.408	28.77	0.
7	26.00	0.443	21.72	99.99	616.668	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/16/2017 10:13:58 AM
Printed by: wet

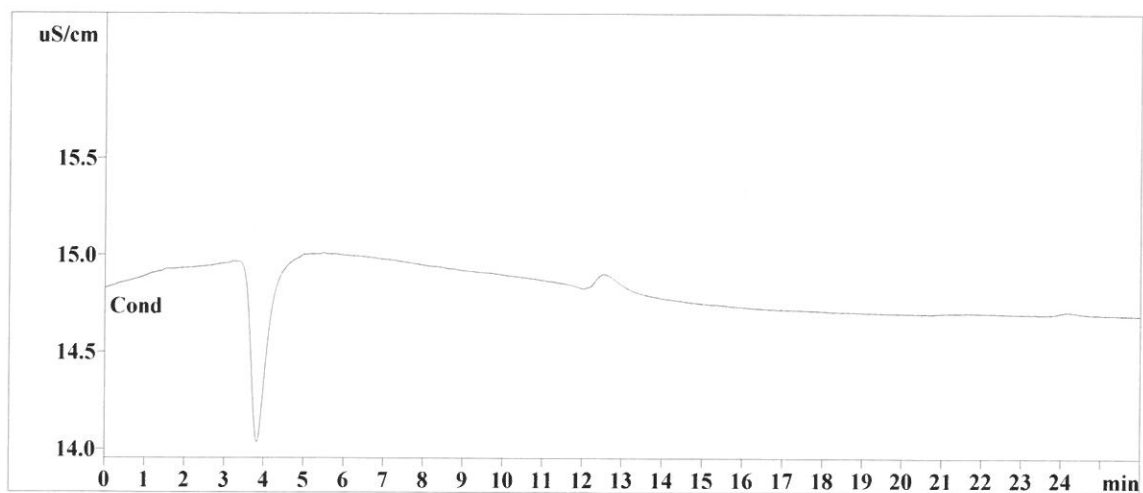
Ident: ICB
Analysis from: 5/15/2017 4:26:16 PM
File: _2017-05-15_

Last save: 5/16/2017 10:13:54 AM

Method: ANIONS 05-15-17.mtw
Run operator: wet
Analysis number: 57430

Last save: 5/15/2017 2:21:48 PM

SAMPLE:
: AK/AP
Vial number: 12
Volume: 20.0 μ L
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 6/5/2017 3:50:24 PM
Printed by: wet

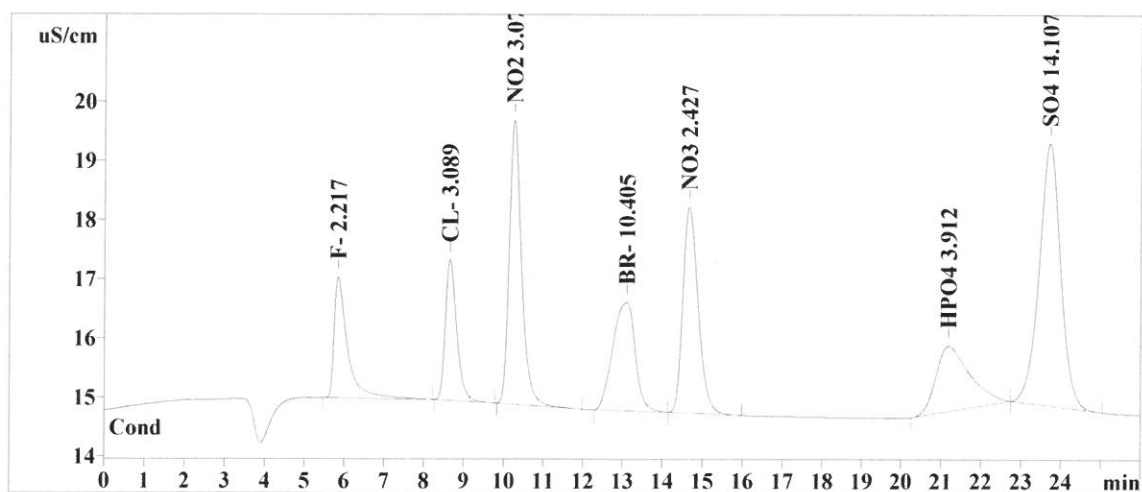
Ident: CCV
Analysis from: 6/2/2017 12:37:51 PM
File: _2017-06-02_

Last save: 6/2/2017 1:03:42 PM

Method: ANIONS 05-15-17.mtw
Run operator: wet
Analysis number: 57744

Last save: 5/16/2017 12:37:16 PM

SAMPLE:
: AK/AP
Vial number: 2
Volume: 20.0 μ L
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.85	0.308	2.05	10.18	47.728	8.00	0.
2	8.64	0.292	2.38	11.85	46.698	7.83	0.
3	10.25	0.319	4.80	23.88	103.920	17.43	0.
4	13.10	0.616	1.84	9.15	72.080	12.09	0.
5	14.66	0.409	3.48	17.32	93.068	15.61	0.
6	21.18	0.888	1.11	5.52	64.880	10.88	0.
7	23.71	0.568	4.43	22.08	168.004	28.17	0.
7	26.00	0.486	20.08	99.98	596.378	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/5/2017 3:51:13 PM
Printed by: wet

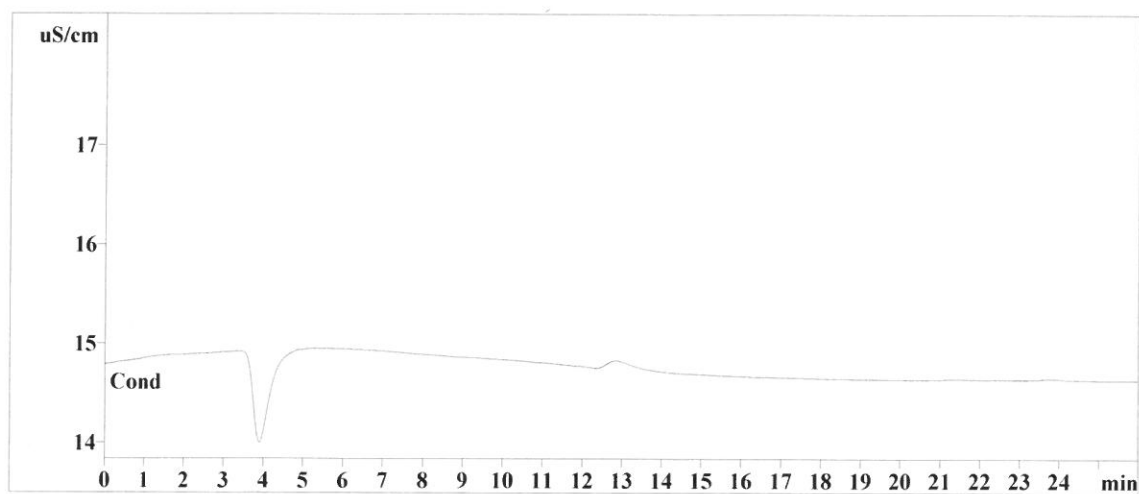
Ident: CCB
Analysis from: 6/2/2017 1:06:47 PM
File: _2017-06-02_

Last save: 6/5/2017 3:50:50 PM

Method: ANIONS 05-15-17.mtw
Run operator: wet
Analysis number: 57745

Last save: 5/16/2017 12:37:16 PM

SAMPLE:
: AK/AP
Vial number: 3
Volume: 20.0 μ L
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 6/5/2017 3:51:20 PM
Printed by: wet

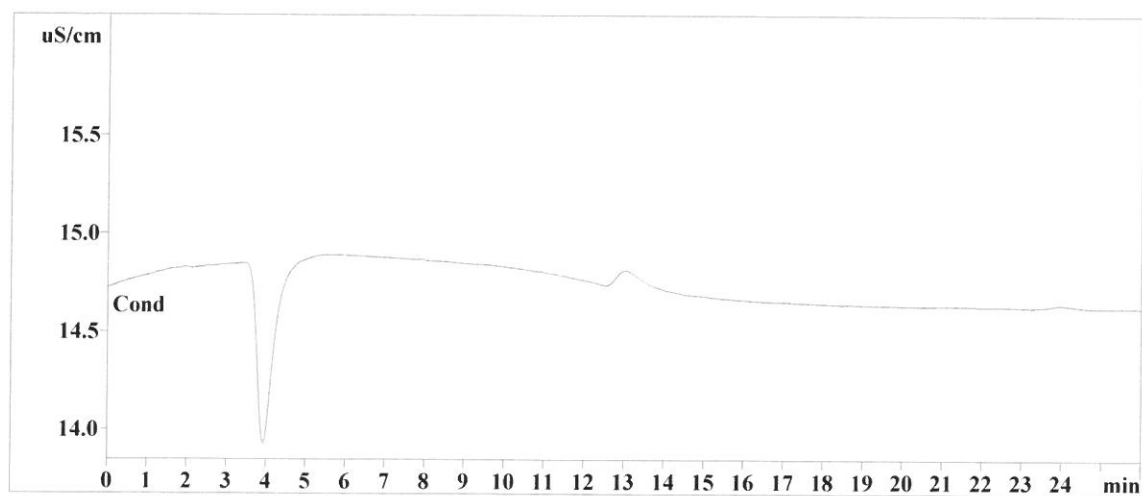
Ident: LB87865BLW
Analysis from: 6/2/2017 1:35:43 PM
File: _2017-06-02_

Last save: 6/5/2017 3:50:50 PM

Method: ANIONS 05-15-17.mtw
Run operator: wet
Analysis number: 57746

Last save: 5/16/2017 12:37:16 PM

SAMPLE:
:
Vial number: 4
Volume: 20.0 μ L
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 6/5/2017 3:51:27 PM
Printed by: wet

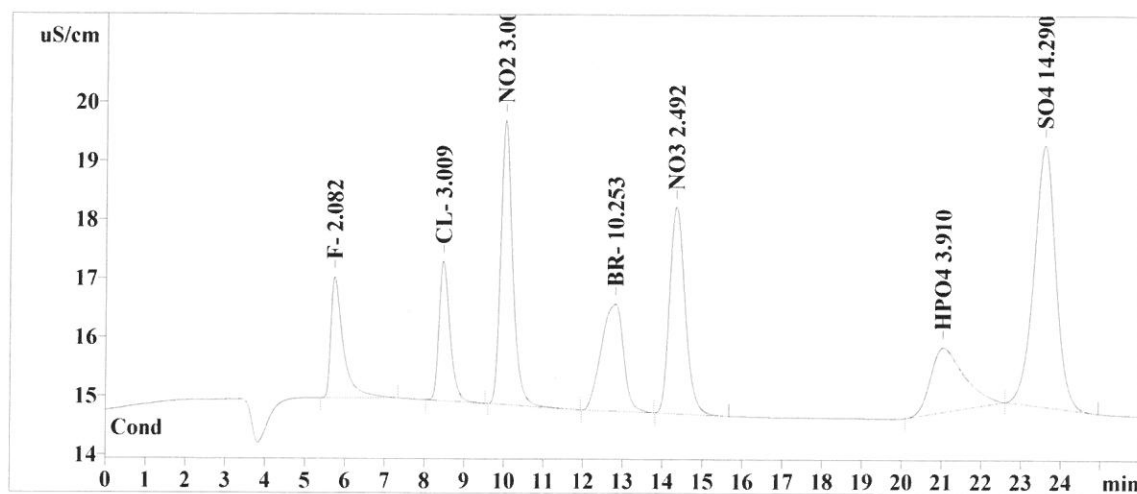
Ident: LB87865BSW
Analysis from: 6/2/2017 2:04:38 PM
File: _2017-06-02_

Last save: 6/5/2017 3:50:04 PM

Method: ANIONS 05-15-17.mtw
Run operator: wet
Analysis number: 57747

Last save: 5/16/2017 12:37:16 PM

SAMPLE:
: AK/AP
Vial number: 5
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.73	0.298	2.05	10.19	44.686	7.53	0.
2	8.46	0.285	2.37	11.78	45.458	7.66	0.
3	10.02	0.309	4.83	23.99	101.612	17.12	0.
4	12.80	0.618	1.82	9.02	71.054	11.97	0.
5	14.32	0.416	3.51	17.45	95.592	16.11	0.
6	21.03	0.893	1.10	5.47	64.850	10.93	0.
7	23.58	0.571	4.45	22.09	170.242	28.68	0.
7	26.00	0.484	20.14	99.98	593.494	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/5/2017 3:52:16 PM
Printed by: wet

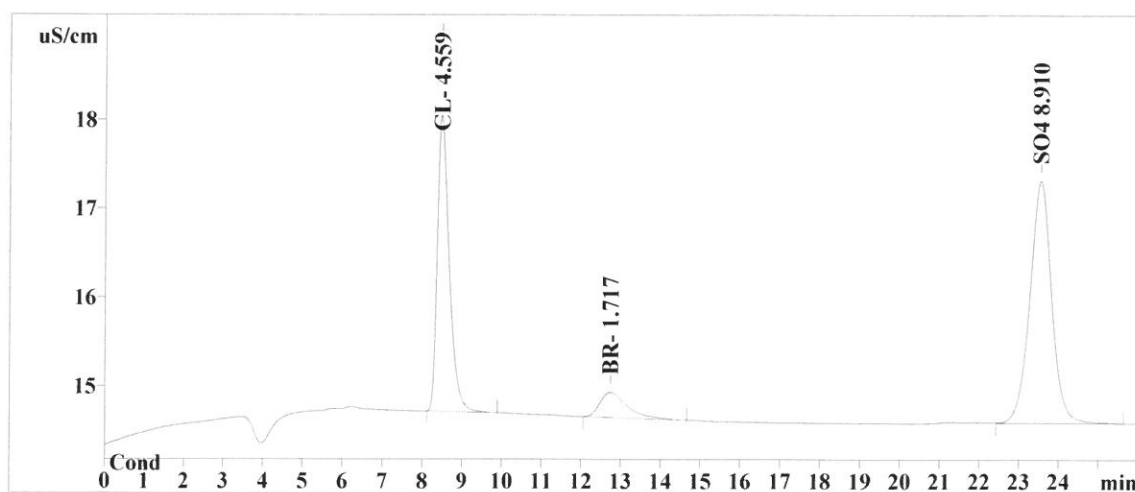
Ident: I3459-01
Analysis from: 6/2/2017 5:04:41 PM
File: _2017-06-02_

Last save: 6/5/2017 3:50:04 PM

Method: ANIONS 05-15-17.mtw
Run operator: wet
Analysis number: 57749

Last save: 5/16/2017 12:37:16 PM

SAMPLE:
: AK/AP
Vial number: 6
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.47	0.308	3.33	52.55	69.420	37.08	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	12.74	0.693	0.28	4.48	13.456	7.19	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	23.54	0.566	2.72	42.92	104.350	55.73	0.
7	26.00	0.224	6.34	99.95	187.225	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/5/2017 3:52:22 PM
Printed by: wet

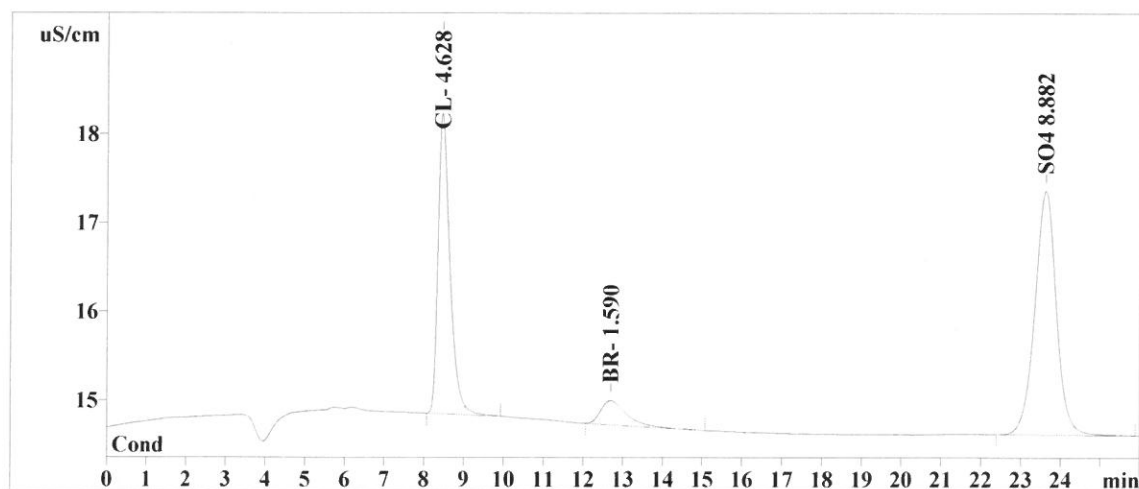
Ident: I3459-02
Analysis from: 6/2/2017 5:33:37 PM
File: _2017-06-02_

Last save: 6/5/2017 3:50:04 PM

Method: ANIONS 05-15-17.mtw
Run operator: wet
Analysis number: 57750

Last save: 5/16/2017 12:37:16 PM

SAMPLE:
: AK/AP
Vial number: 7
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.45	0.307	3.38	52.83	70.495	37.68	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	12.69	0.670	0.27	4.28	12.597	6.73	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	23.61	0.561	2.75	42.87	103.998	55.59	0.
7	26.00	0.220	6.40	99.98	187.090	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/5/2017 3:52:29 PM
Printed by: wet

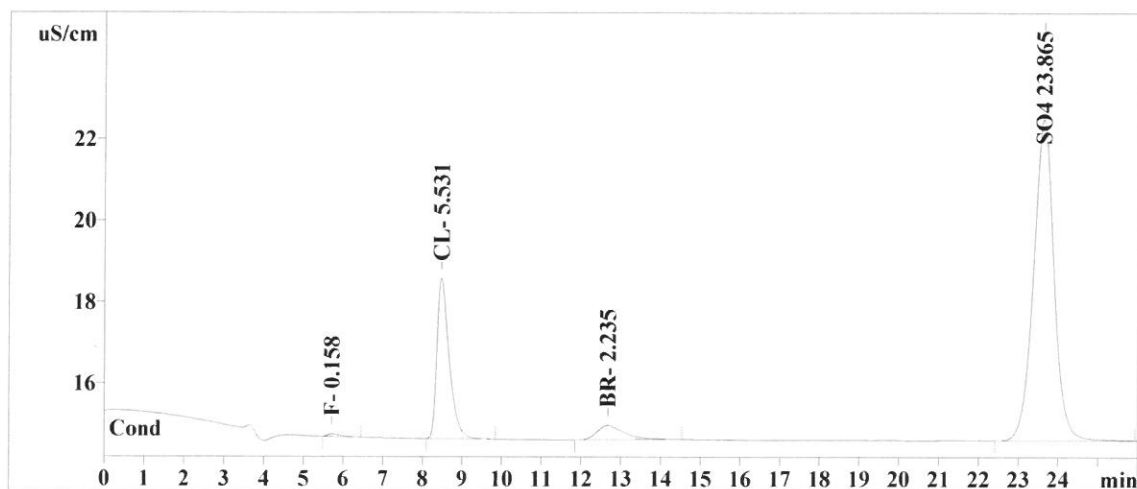
Ident: I3459-03
Analysis from: 6/2/2017 6:02:32 PM
File: _2017-06-02_

Last save: 6/5/2017 3:50:04 PM

Method: ANIONS 05-15-17.mtw
Run operator: wet
Analysis number: 57751

Last save: 5/16/2017 12:37:16 PM

SAMPLE:
: AK/AP
Vial number: 8
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.72	0.346	0.06	0.51	1.428	0.37	0.
2	8.47	0.317	3.94	32.17	84.445	21.63	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	12.67	0.716	0.35	2.89	16.946	4.34	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	23.62	0.541	7.89	64.42	287.531	73.66	0.
7	26.00	0.274	12.24	99.99	390.349	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/5/2017 3:52:35 PM
Printed by: wet

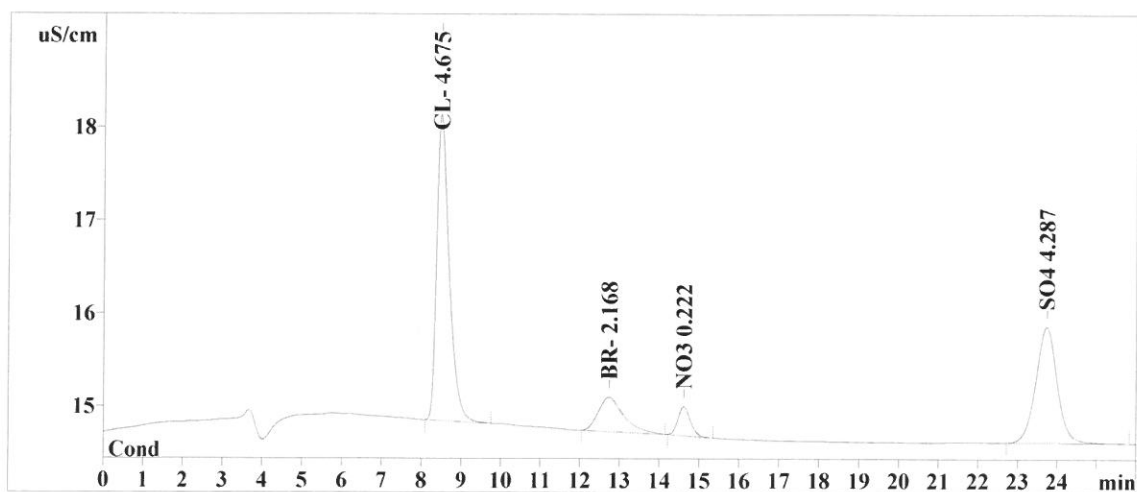
Ident: I3459-04
Analysis from: 6/2/2017 6:31:28 PM
File: _2017-06-02_

Last save: 6/5/2017 3:50:04 PM

Method: ANIONS 05-15-17.mtw
Run operator: wet
Analysis number: 57752

Last save: 5/16/2017 12:37:16 PM

SAMPLE:
: AK/AP
Vial number: 9
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.47	0.321	3.29	62.97	71.212	50.01	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	12.74	0.658	0.37	7.11	16.500	11.59	0.
5	14.61	0.338	0.31	6.01	6.950	4.88	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	23.73	0.568	1.25	23.90	47.723	33.52	0.
7	26.00	0.269	5.23	99.98	142.384	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/5/2017 3:52:44 PM
Printed by: wet

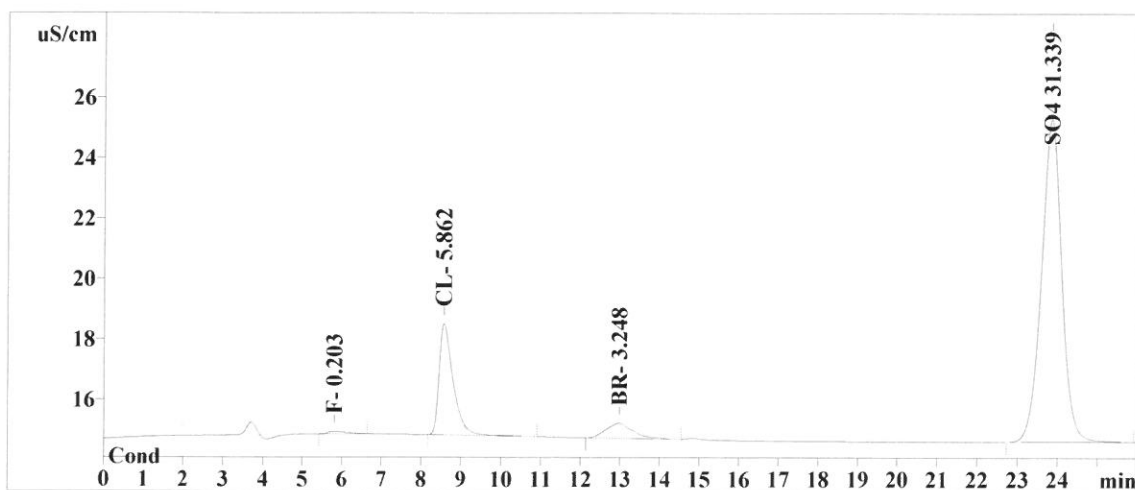
Ident: I3459-05
Analysis from: 6/2/2017 7:00:23 PM
File: _2017-06-02_

Last save: 6/5/2017 3:50:04 PM

Method: ANIONS 05-15-17.mtw
Run operator: wet
Analysis number: 57753

Last save: 5/16/2017 12:37:16 PM

SAMPLE:
: AK/AP
Vial number: 10
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.82	0.467	0.08	0.54	2.450	0.50	0.
2	8.57	0.353	3.67	24.64	89.574	18.10	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	12.98	0.738	0.50	3.37	23.788	4.81	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	23.84	0.531	10.66	71.45	379.078	76.60	0.
7	26.00	0.298	14.92	99.99	494.890	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/5/2017 3:52:53 PM
Printed by: wet

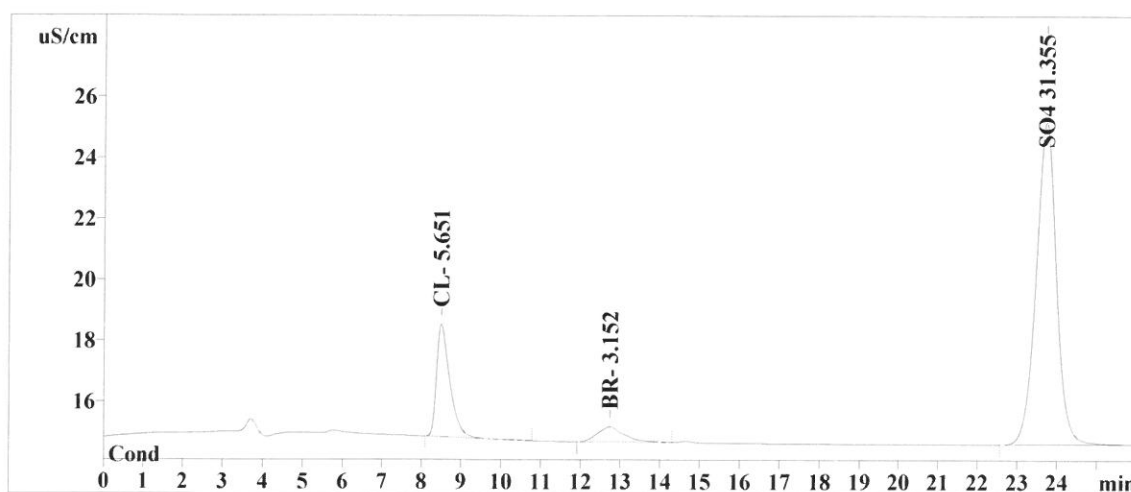
Ident: I3459-05DUP
Analysis from: 6/2/2017 7:29:19 PM
File: _2017-06-02_

Last save: 6/5/2017 3:50:04 PM

Method: ANIONS 05-15-17.mtw
Run operator: wet
Analysis number: 57754

Last save: 5/16/2017 12:37:16 PM

SAMPLE:
: AK/AP
Vial number: 11
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.49	0.345	3.68	24.96	86.306	17.66	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	12.74	0.712	0.50	3.37	23.140	4.73	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	23.72	0.535	10.57	71.66	379.273	77.61	0.
7	26.00	0.228	14.75	100.00	488.719	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/5/2017 3:53:00 PM
Printed by: wet

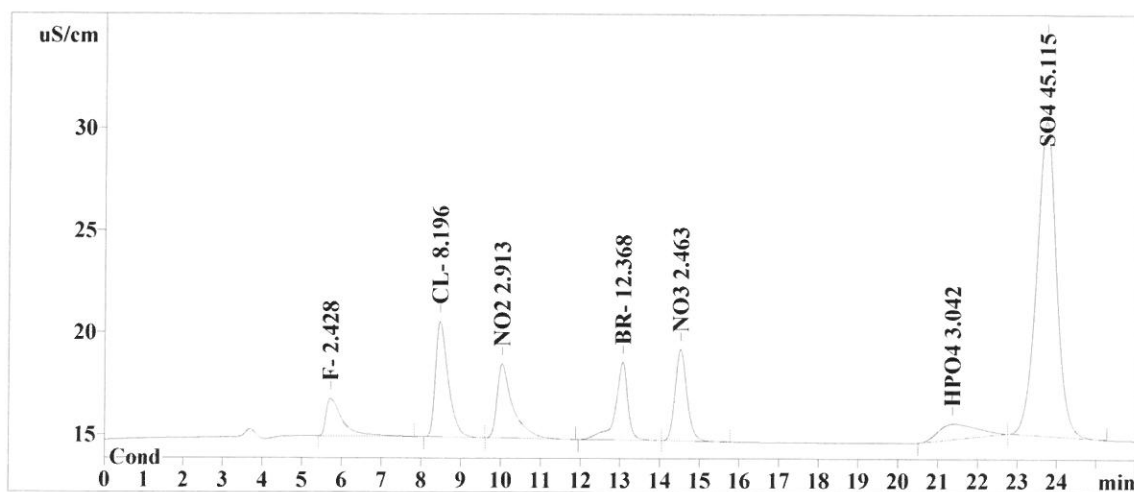
Ident: I3459-05MS
Analysis from: 6/2/2017 7:58:14 PM
File: _2017-06-02_

Last save: 6/5/2017 3:50:04 PM

Method: ANIONS 05-15-17.mtw
Run operator: wet
Analysis number: 57755

Last save: 5/16/2017 12:37:16 PM

SAMPLE:
: AK/AP
Vial number: 12
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.73	0.388	1.82	5.13	52.474	4.97	0.
2	8.47	0.330	5.65	15.88	125.656	11.91	0.
3	10.03	0.356	3.62	10.18	98.405	9.32	0.
4	13.07	0.292	3.81	10.71	85.321	8.08	0.
5	14.51	0.317	4.48	12.60	94.482	8.95	0.
6	21.35	1.089	0.77	2.16	51.140	4.85	0.
7	23.72	0.534	15.41	43.34	547.827	51.91	0.
7	26.00	0.472	35.55	100.00	1055.305	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/5/2017 3:53:06 PM
Printed by: wet

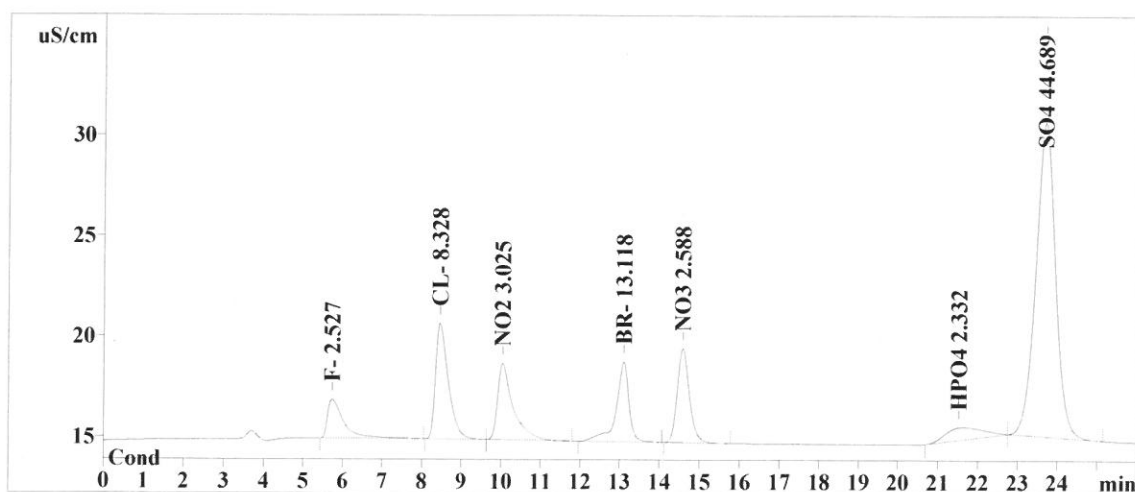
Ident: I3459-05MSD
Analysis from: 6/2/2017 8:27:10 PM
File: _2017-06-02_

Last save: 6/5/2017 3:50:04 PM

Method: ANIONS 05-15-17.mtw
Run operator: wet
Analysis number: 57756

Last save: 5/16/2017 12:37:16 PM

SAMPLE:
: AK/AP
Vial number: 13
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.74	0.381	1.92	5.30	54.684	5.17	0.
2	8.46	0.329	5.73	15.79	127.697	12.08	0.
3	10.04	0.356	3.78	10.42	102.334	9.68	0.
4	13.11	0.296	3.97	10.92	90.386	8.55	0.
5	14.58	0.320	4.67	12.85	99.364	9.40	0.
6	21.53	1.059	0.63	1.73	39.934	3.78	0.
7	23.69	0.524	15.60	42.98	542.600	51.33	0.
7	26.00	0.467	36.31	99.98	1056.998	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/5/2017 3:53:12 PM
Printed by: wet

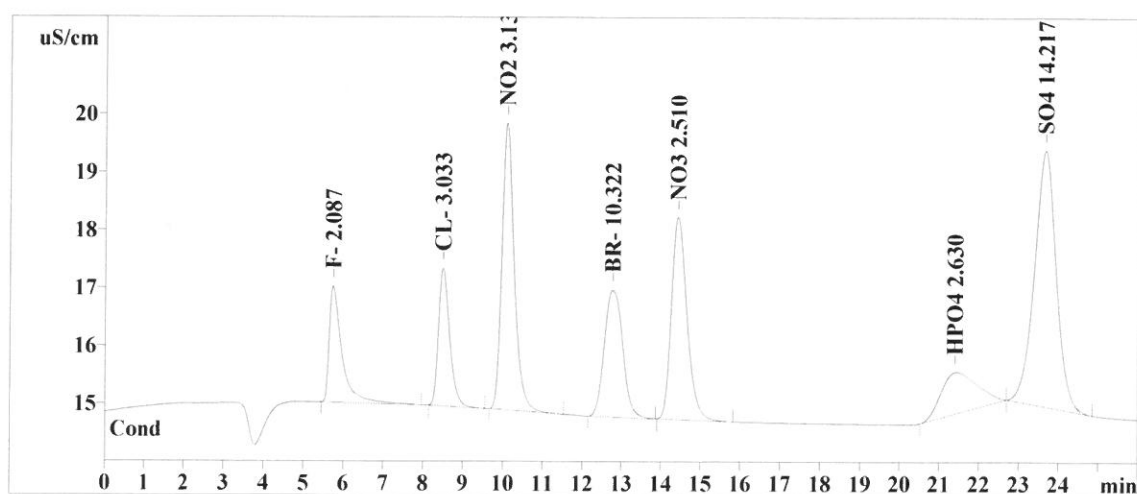
Ident: CCV
Analysis from: 6/2/2017 8:56:05 PM
File: _2017-06-02_

Last save: 6/5/2017 3:50:04 PM

Method: ANIONS 05-15-17.mtw
Run operator: wet
Analysis number: 57757

Last save: 5/16/2017 12:37:16 PM

SAMPLE:
: AK/AP
Vial number: 2
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.74	0.298	2.00	9.93	44.801	7.74	0.
2	8.49	0.288	2.38	11.80	45.835	7.92	0.
3	10.08	0.317	4.95	24.57	106.197	18.35	0.
4	12.77	0.512	2.19	10.88	71.520	12.36	0.
5	14.41	0.421	3.49	17.32	96.306	16.64	0.
6	21.39	1.011	0.72	3.56	44.637	7.71	0.
7	23.65	0.574	4.42	21.93	169.350	29.27	0.
7	26.00	0.489	20.15	99.99	578.647	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/5/2017 3:53:19 PM
Printed by: wet

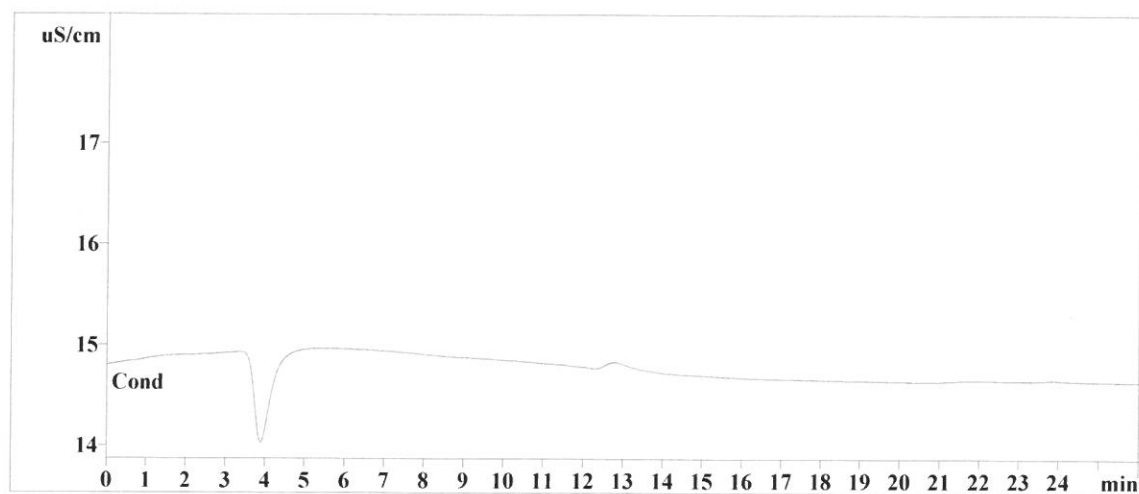
Ident: CCB
Analysis from: 6/2/2017 9:25:01 PM
File: _2017-06-02_

Last save: 6/5/2017 3:50:50 PM

Method: ANIONS 05-15-17.mtw
Run operator: wet
Analysis number: 57758

Last save: 5/16/2017 12:37:16 PM

SAMPLE:
:
Vial number: 3
Volume: 20.0 μ L
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 6/5/2017 3:53:24 PM
Printed by: wet

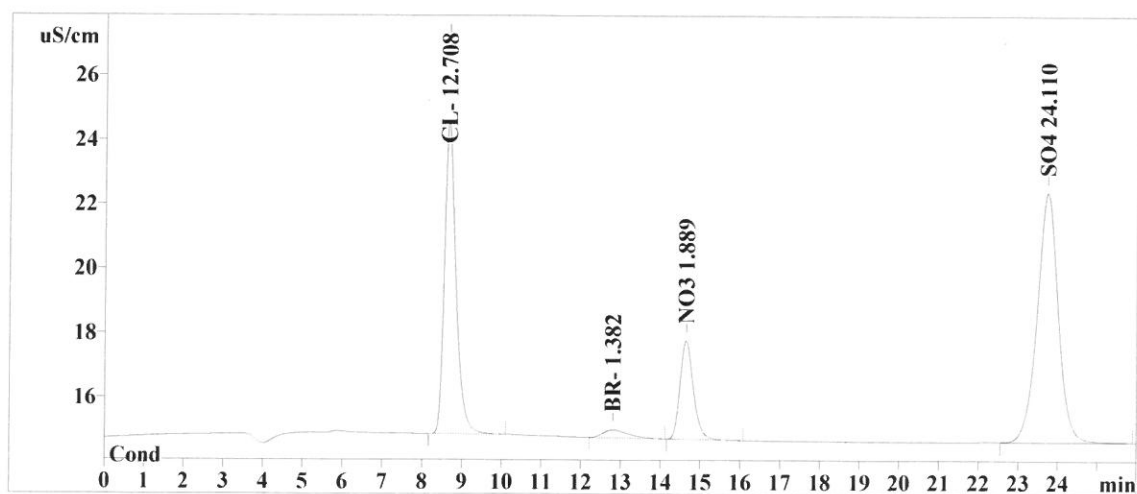
Ident: I3459-08
Analysis from: 6/2/2017 9:53:56 PM
File: _2017-06-02_

Last save: 6/5/2017 3:50:04 PM

Method: ANIONS 05-15-17.mtw
Run operator: wet
Analysis number: 57759

Last save: 5/16/2017 12:37:16 PM

SAMPLE:
: AK/AP
Vial number: 14
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.64	0.296	9.71	46.78	195.419	34.33	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	12.79	0.698	0.25	1.21	11.195	1.97	0.
5	14.64	0.357	3.06	14.71	72.045	12.66	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	23.73	0.557	7.75	37.30	290.528	51.04	0.
7	26.00	0.273	20.77	99.99	569.187	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/5/2017 3:53:30 PM
Printed by: wet

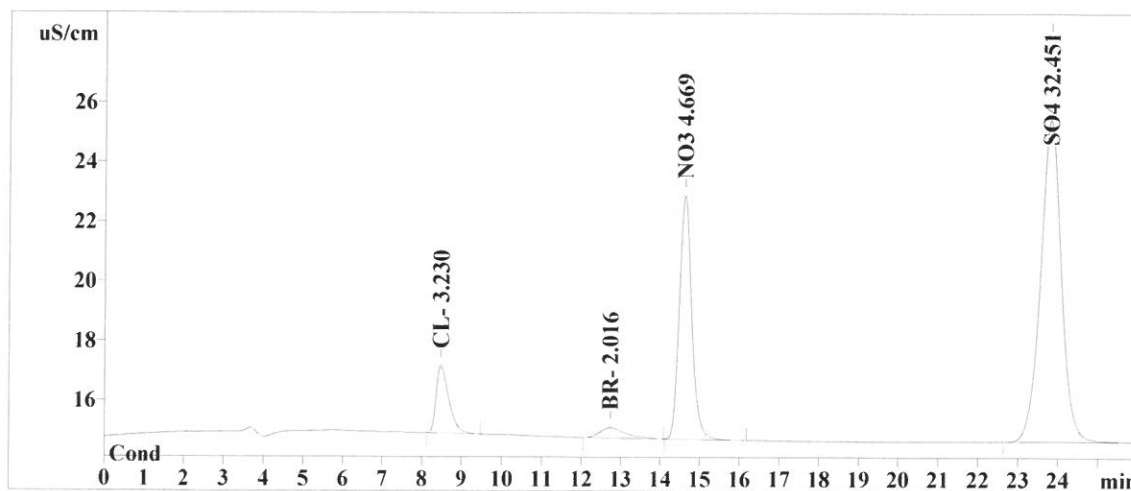
Ident: I3459-09
Analysis from: 6/2/2017 10:22:52 PM
File: _2017-06-02_

Last save: 6/5/2017 3:50:06 PM

Method: ANIONS 05-15-17.mtw
Run operator: wet
Analysis number: 57760

Last save: 5/16/2017 12:37:16 PM

SAMPLE:
: AK/AP
Vial number: 15
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.48	0.323	2.25	10.44	48.875	7.66	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	12.73	0.671	0.35	1.61	15.473	2.43	0.
5	14.61	0.332	8.17	37.86	180.627	28.33	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	23.80	0.542	10.80	50.07	392.697	61.58	0.
7	26.00	0.267	21.57	99.99	637.672	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/5/2017 3:53:36 PM
Printed by: wet

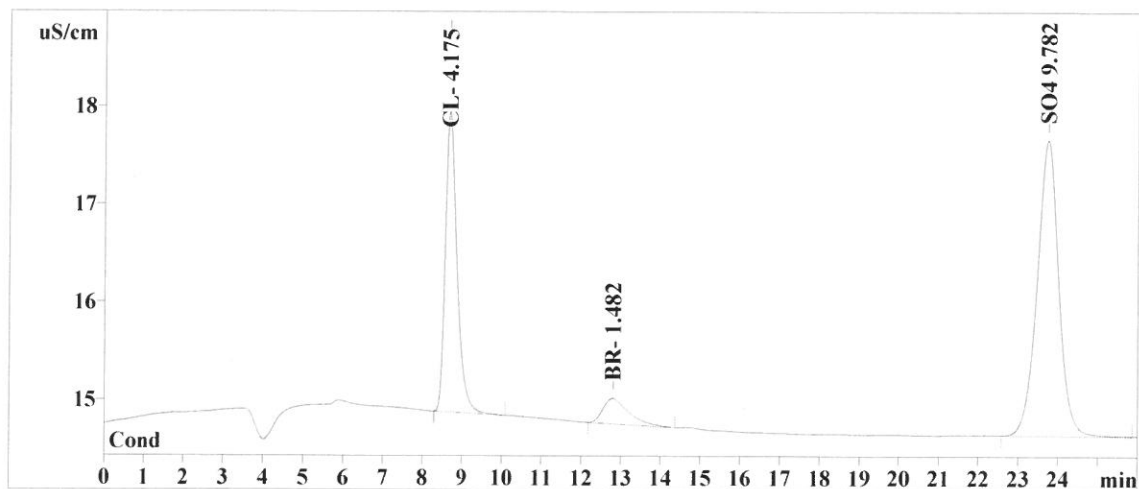
Ident: I3459-10
Analysis from: 6/2/2017 10:51:47 PM
File: _2017-06-02_

Last save: 6/5/2017 3:50:06 PM

Method: ANIONS 05-15-17.mtw
Run operator: wet
Analysis number: 57761

Last save: 5/16/2017 12:37:16 PM

SAMPLE:
: AK/AP
Vial number: 16
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.66	0.307	3.07	48.31	63.489	33.35	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	12.80	0.677	0.26	4.11	11.870	6.23	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	23.73	0.567	3.02	47.55	115.028	60.42	0.
7	26.00	0.221	6.35	99.98	190.388	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/5/2017 3:53:42 PM
Printed by: wet

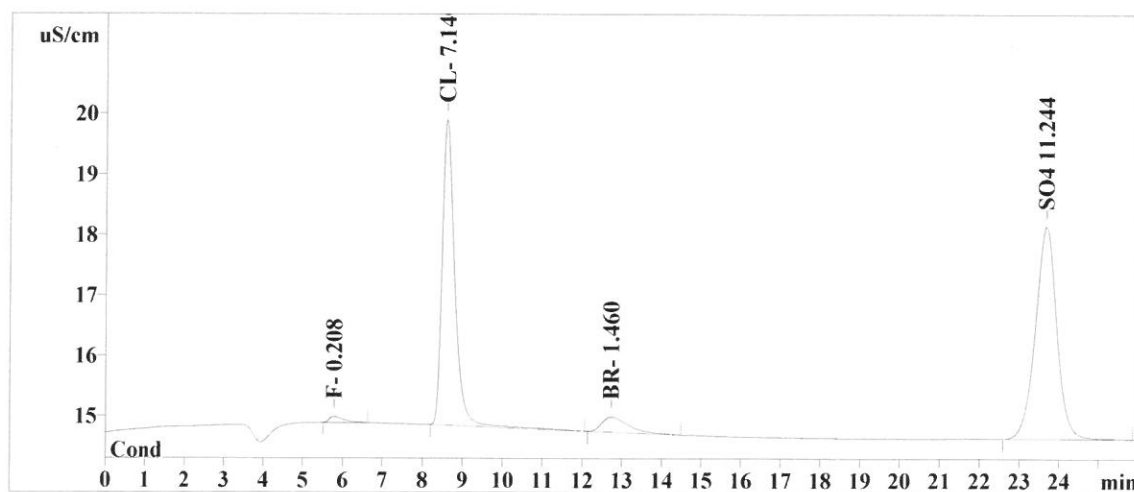
Ident: I3459-11
Analysis from: 6/2/2017 11:20:43 PM
File: _2017-06-02_

Last save: 6/5/2017 3:50:06 PM

Method: ANIONS 05-15-17.mtw
Run operator: wet
Analysis number: 57762

Last save: 5/16/2017 12:37:16 PM

SAMPLE:
: AK/AP
Vial number: 17
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.79	0.376	0.10	1.11	2.563	1.00	0.
2	8.59	0.312	5.05	56.65	109.328	42.62	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	12.75	0.701	0.25	2.84	11.716	4.57	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	23.66	0.563	3.51	39.38	132.932	51.82	0.
7	26.00	0.279	8.91	99.99	256.540	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/5/2017 3:53:48 PM
Printed by: wet

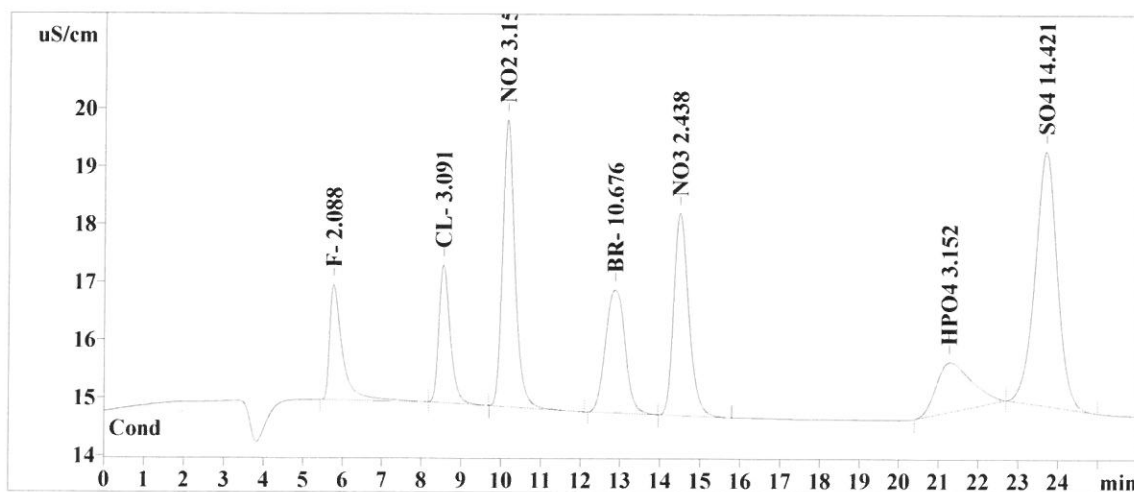
Ident: CCV
Analysis from: 6/2/2017 11:49:38 PM
File: _2017-06-02_

Last save: 6/5/2017 3:50:06 PM

Method: ANIONS 05-15-17.mtw
Run operator: wet
Analysis number: 57763

Last save: 5/16/2017 12:37:16 PM

SAMPLE:
: AK/AP
Vial number: 2
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.77	0.300	1.99	9.85	44.832	7.59	0.
2	8.54	0.292	2.38	11.76	46.724	7.91	0.
3	10.14	0.318	4.95	24.52	106.963	18.11	0.
4	12.86	0.545	2.13	10.54	73.908	12.51	0.
5	14.48	0.408	3.49	17.29	93.500	15.83	0.
6	21.27	0.972	0.86	4.26	52.881	8.95	0.
7	23.68	0.586	4.40	21.78	171.849	29.09	0.
7	26.00	0.489	20.20	99.99	590.656	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/5/2017 3:53:56 PM
Printed by: wet

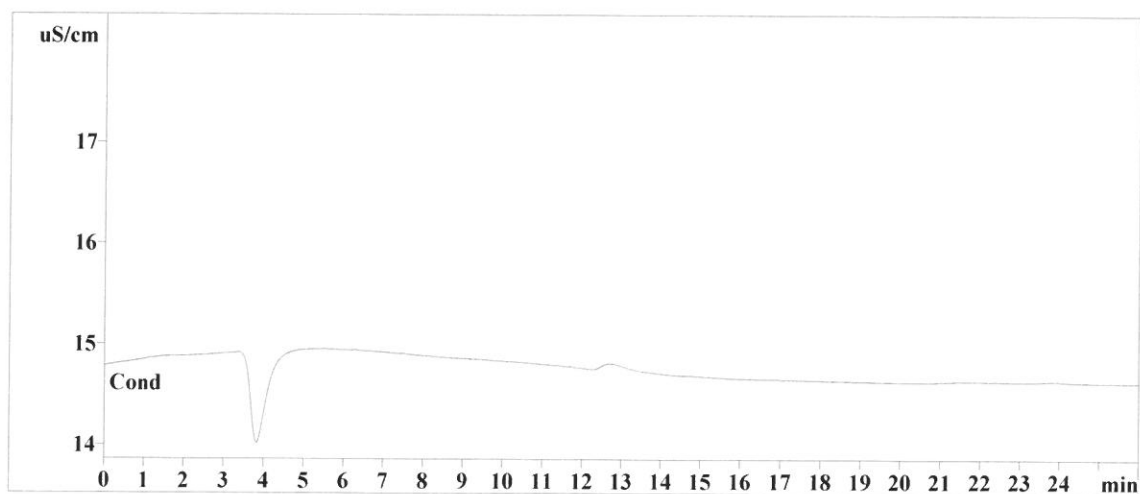
Ident: CCB
Analysis from: 6/3/2017 12:18:34 AM
File: _2017-06-03_

Last save: 6/5/2017 3:50:52 PM

Method: ANIONS 05-15-17.mtw
Run operator: wet
Analysis number: 57764

Last save: 5/16/2017 12:37:16 PM

SAMPLE:
: AK/AP
Vial number: 3
Volume: 20.0 μ L
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No peaks

This report has been created by IC Net
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