

M300.0

IC-1

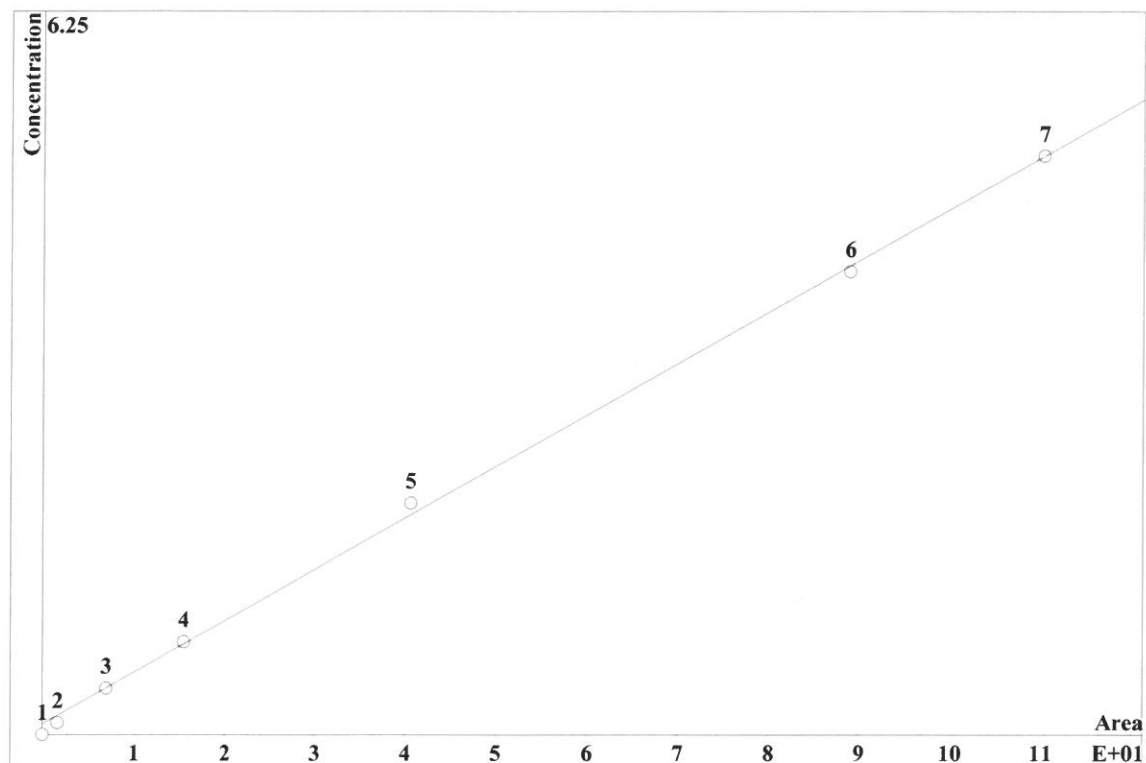
06-01-17 AK

Clear table

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	2.1810	3.0280	3.0610	10.1640	2.4480	4.6110	14.7040	_2017-05-30_	5/30/17 12:36
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2017-05-30_	5/30/17 13:05
LB87748BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2017-05-30_	5/30/17 13:34
LB87748BSW	2.0820	3.0420	3.1450	10.1490	2.4580	4.9750	14.5900	_2017-05-30_	5/30/17 14:03
I3379-01	0.1870	4.4500	0.0000	0.0000	0.0000	0.0000	12.3890	_2017-05-30_	5/30/17 14:31
I3379-02	0.1680	4.4460	0.0000	0.0000	0.0000	0.0000	12.4340	_2017-05-30_	5/30/17 15:00
I3379-03	0.0000	2.7570	0.0000	0.0000	0.0000	0.0000	10.9360	_2017-05-30_	5/30/17 15:29
I3379-04	0.0000	0.1700	0.0000	0.0000	0.0000	0.0000	0.0000	_2017-05-30_	5/30/17 15:58
I3396-02	0.3910	634.0840	0.0000	0.0000	0.0000	0.0000	4.0290	_2017-05-30_	5/30/17 16:27
I3396-03	0.4330	643.6720	0.0000	0.0000	0.1470	0.0000	4.7550	_2017-05-30_	5/30/17 16:56
I3396-04	0.2690	188.9740	0.0000	0.0000	0.2130	0.0000	5.0210	_2017-05-30_	5/30/17 17:25
I3396-05	3.2390	260.0790	0.2530	0.0000	3.7810	0.0000	33.9350	_2017-05-30_	5/30/17 17:54
CCV	2.0700	3.1120	3.0810	10.1370	2.4680	4.9680	14.6890	_2017-05-30_	5/30/17 18:23
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2017-05-30_	5/30/17 18:52
I3379-01DUP	0.0000	4.6200	0.0000	0.0000	0.0000	0.0000	12.4340	_2017-05-30_	5/30/17 19:21
I3379-01MS	2.1970	7.3070	3.0660	10.4950	2.4920	4.8930	27.2120	_2017-05-30_	5/30/17 19:49
CCV	2.0950	3.0510	3.1090	10.2640	2.4690	4.4820	14.7270	_2017-05-30_	5/30/17 22:27
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2017-05-30_	5/30/17 22:56

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



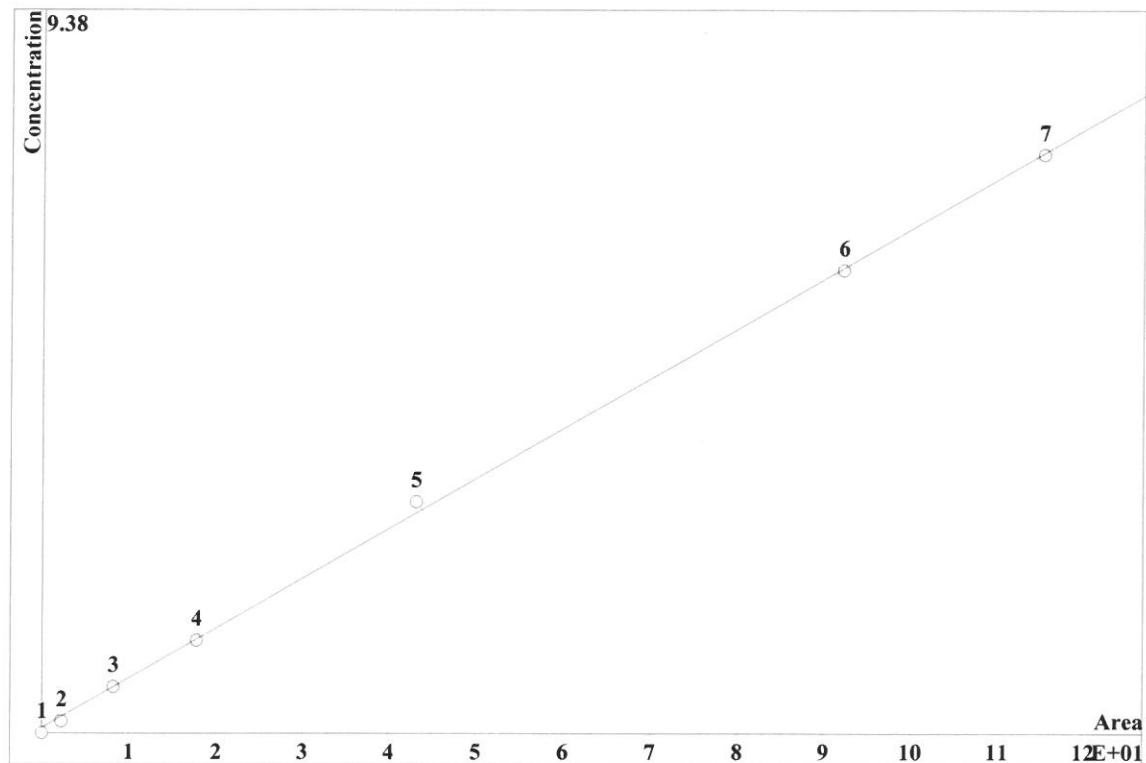
K3 = 0 K2 = 0 K1 = 0.889647 K0 = 1.88268

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



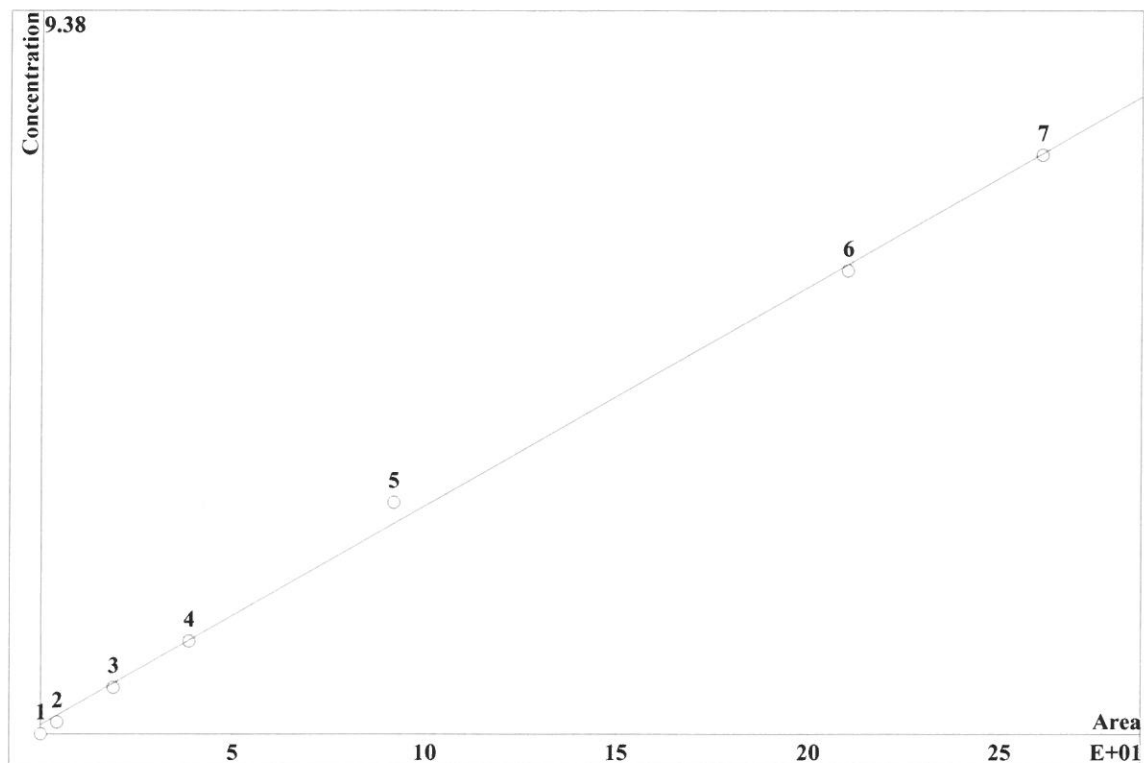
K3 = 0 K2 = 0 K1 = 1.29355 K0 = 1.37856

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



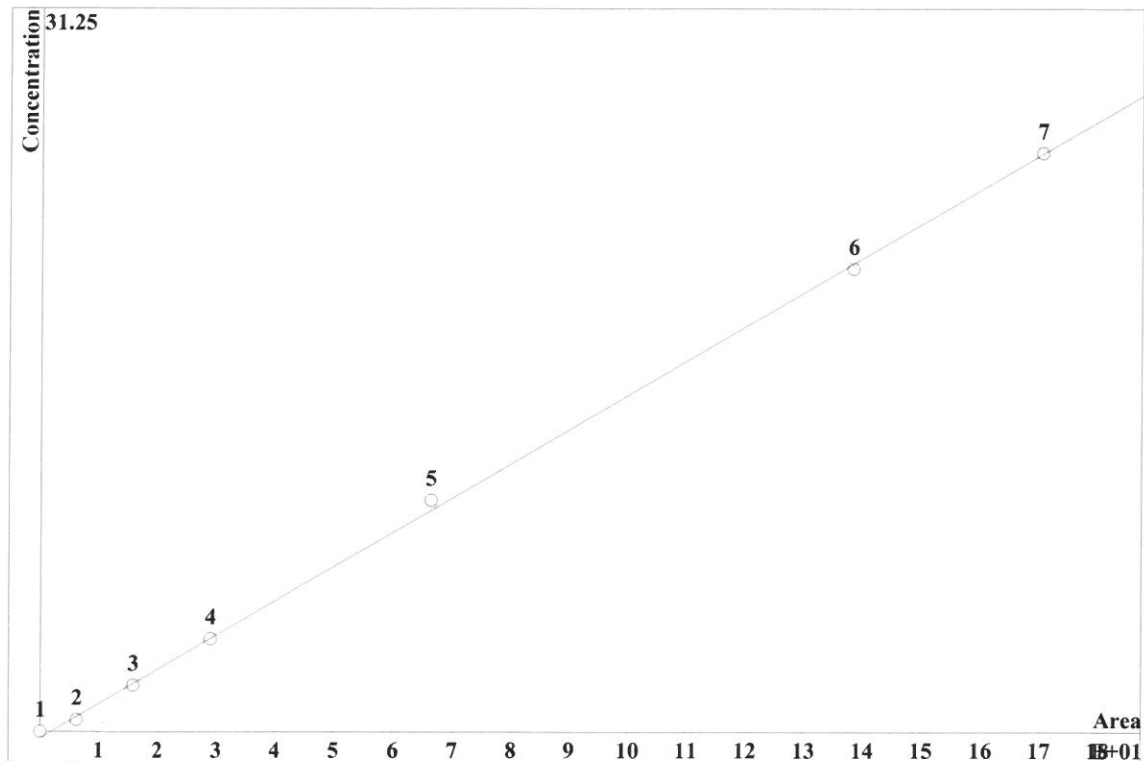
K3 = 0 K2 = 0 K1 = 0.567341 K0 = 2.43191

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



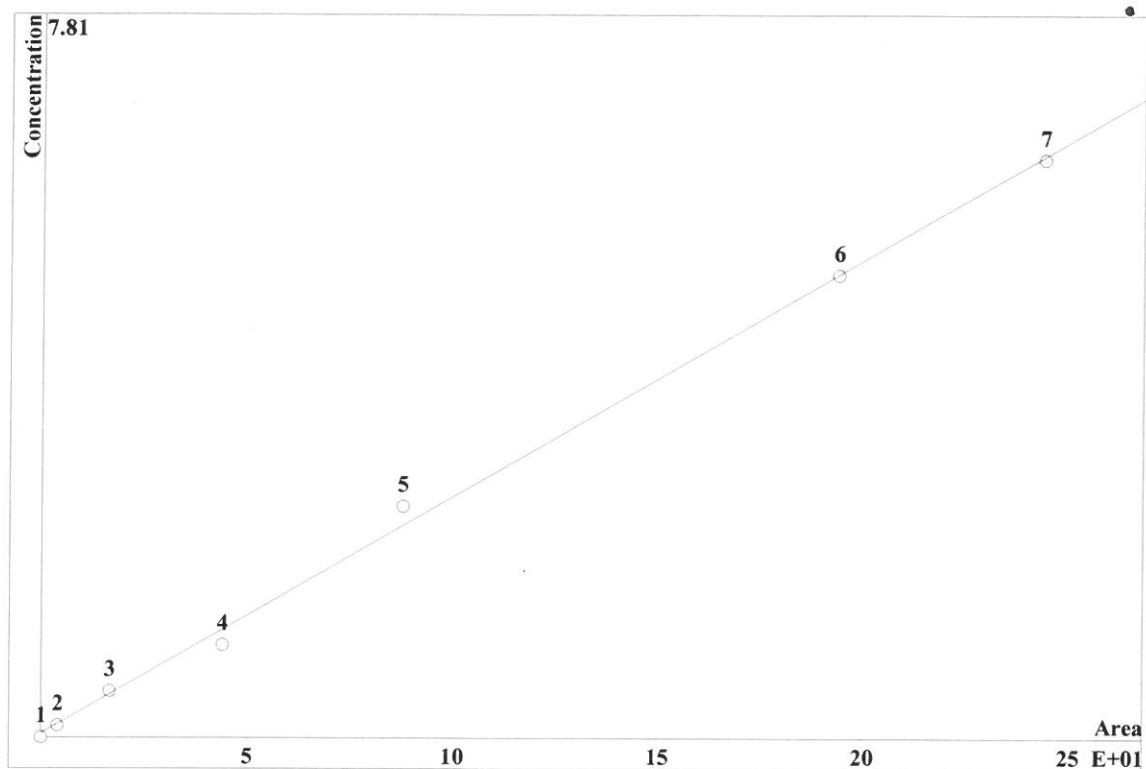
K3 = 0 K2 = 0 K1 = 2.96397 K0 = -5.53602

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



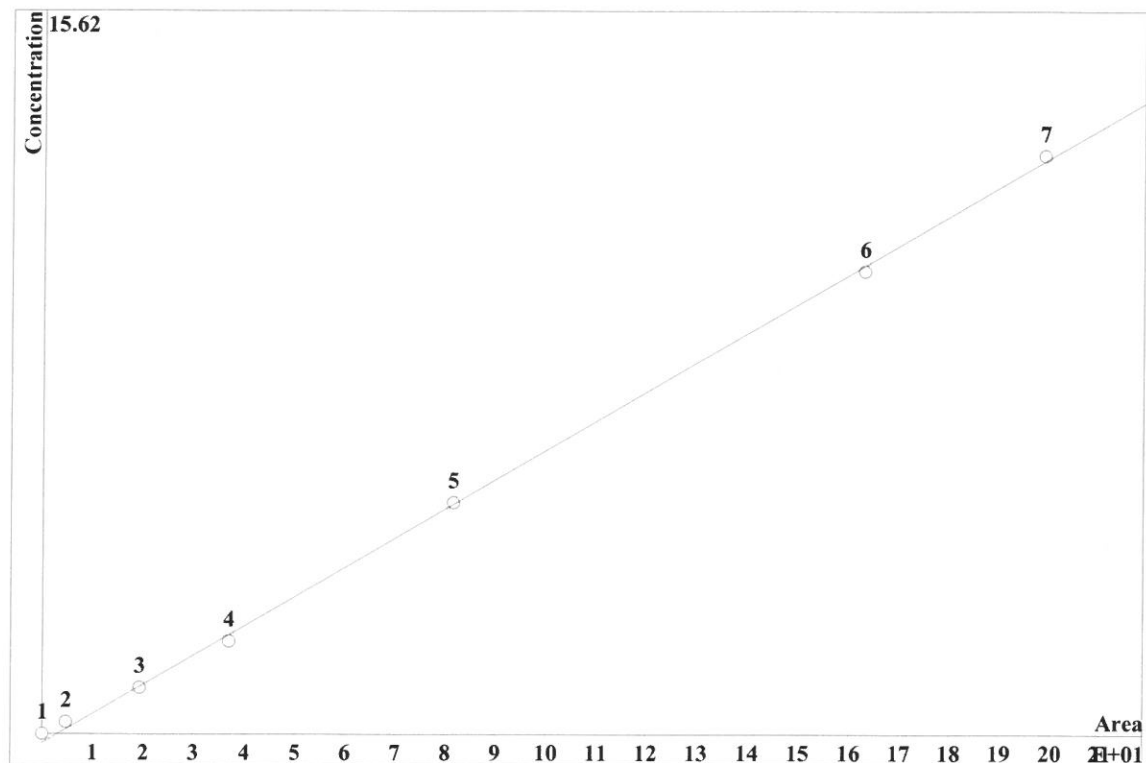
K3 = 0 K2 = 0 K1 = 0.512186 K0 = 0.87084

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



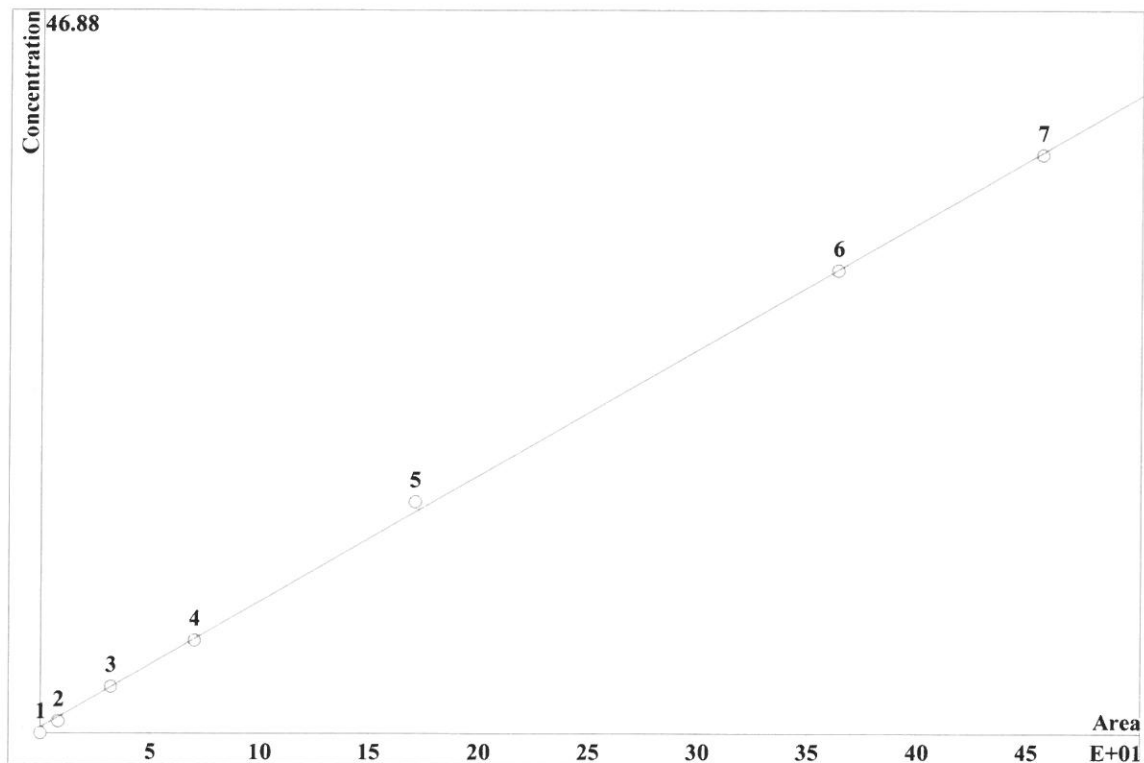
K3 = 0 K2 = 0 K1 = 1.26645 K0 = -3.92523

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

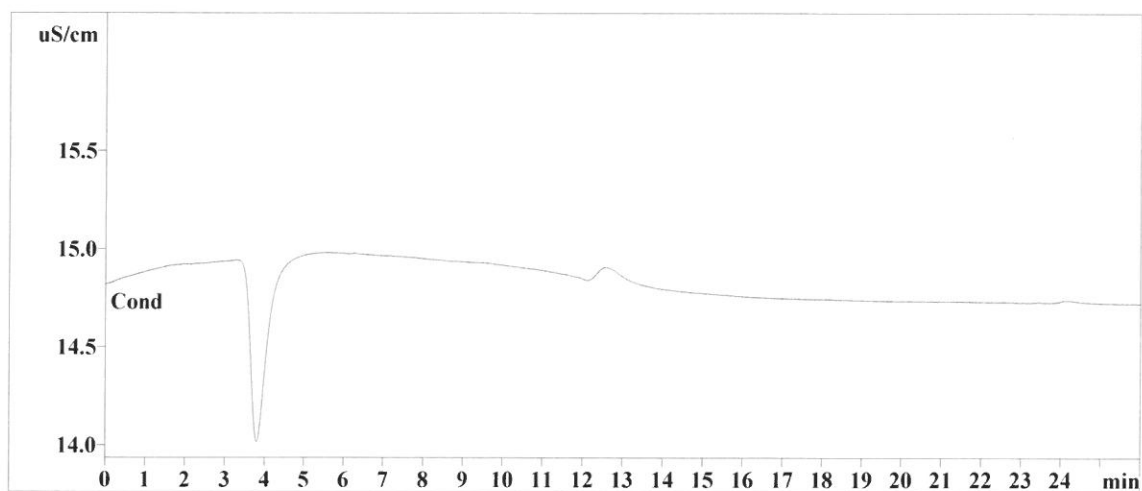
Ident: STD1
Analysis from: 5/15/2017 11:02:24 AM
File: _2017-05-15_

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

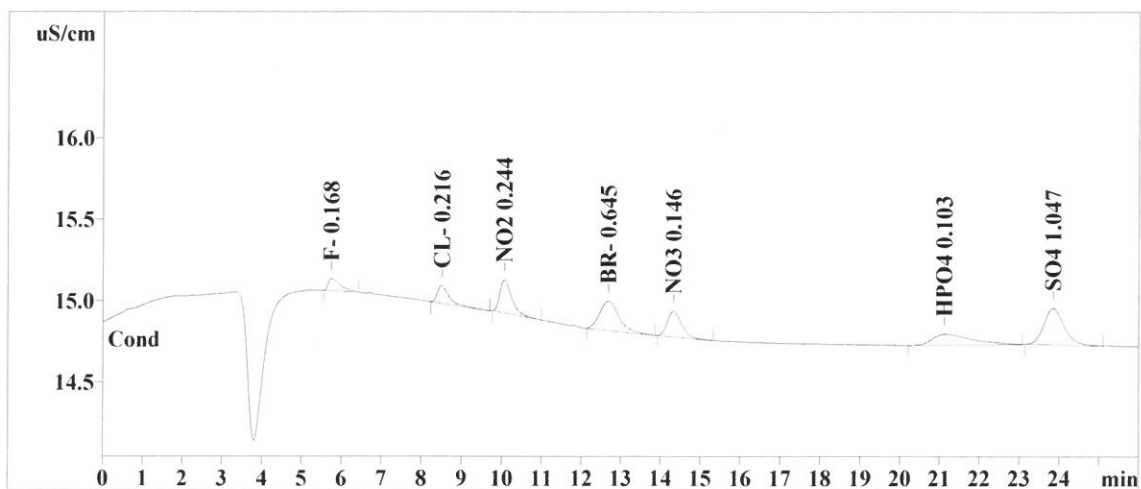
Ident: STD2
Analysis from: 5/15/2017 11:31:20 AM
File: _2017-05-15_

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

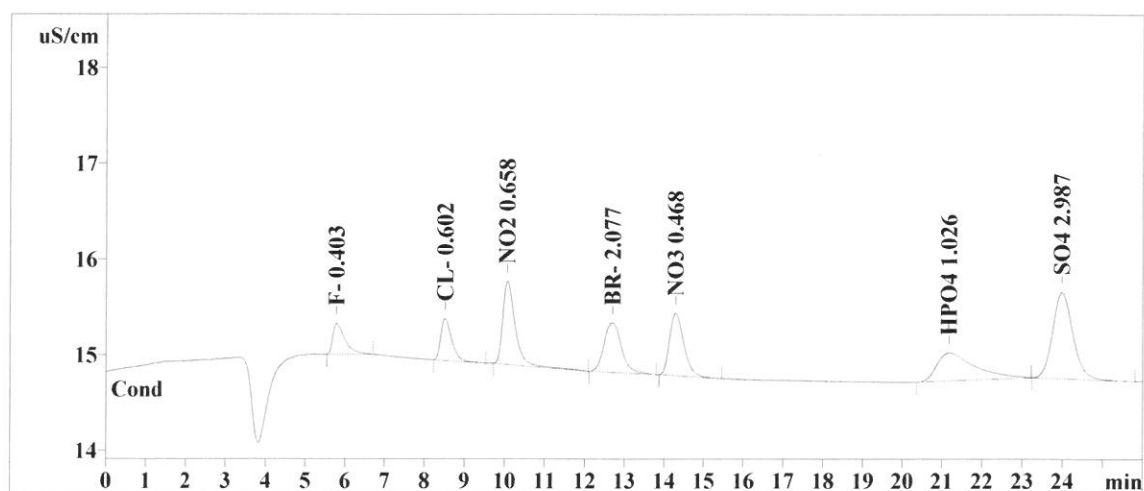
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Analysis from: 5/15/2017 12:00:16 PM
File: _2017-05-15_

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

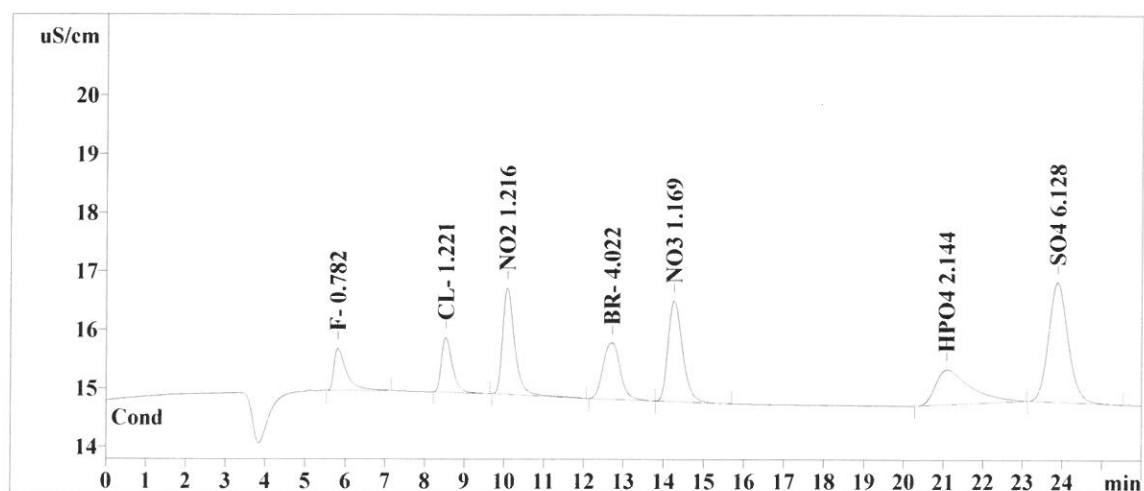
Ident: STD4
Analysis from: 5/15/2017 12:29:11 PM
File: _2017-05-15_

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

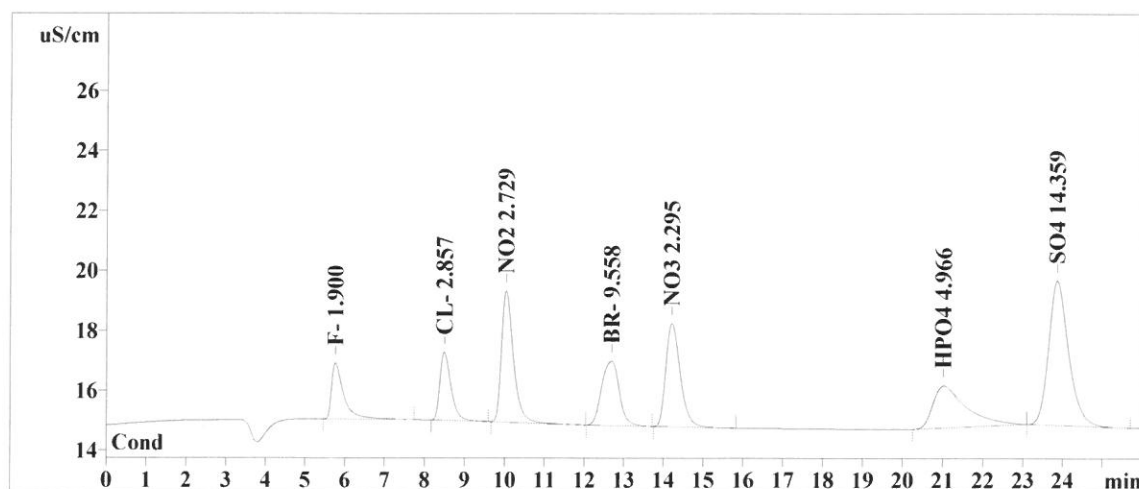
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File: _2017-05-15_

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.

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Report date: 5/16/2017 10:13:19 AM
Printed by: wet

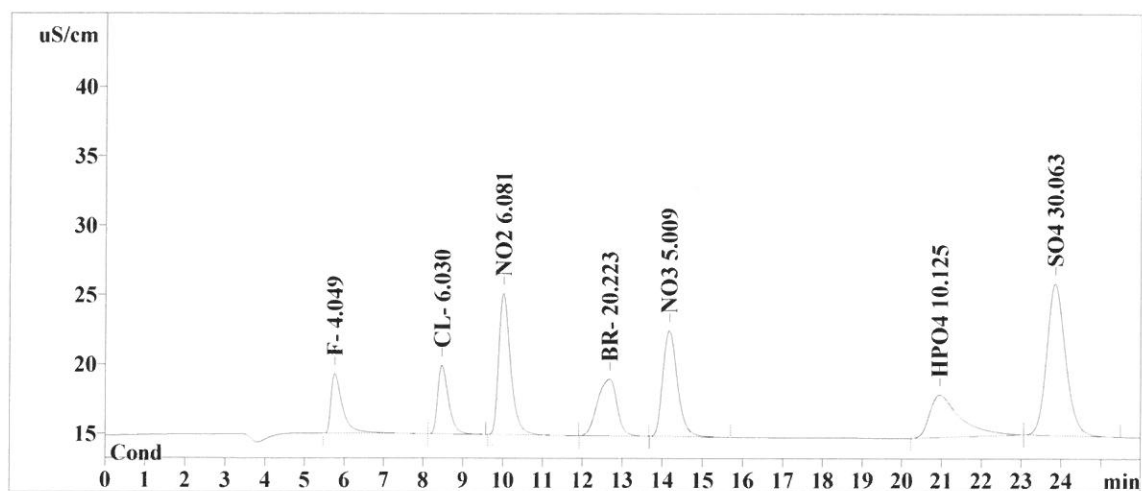
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Analysis from: 5/15/2017 1:27:02 PM
File: _2017-05-15_

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

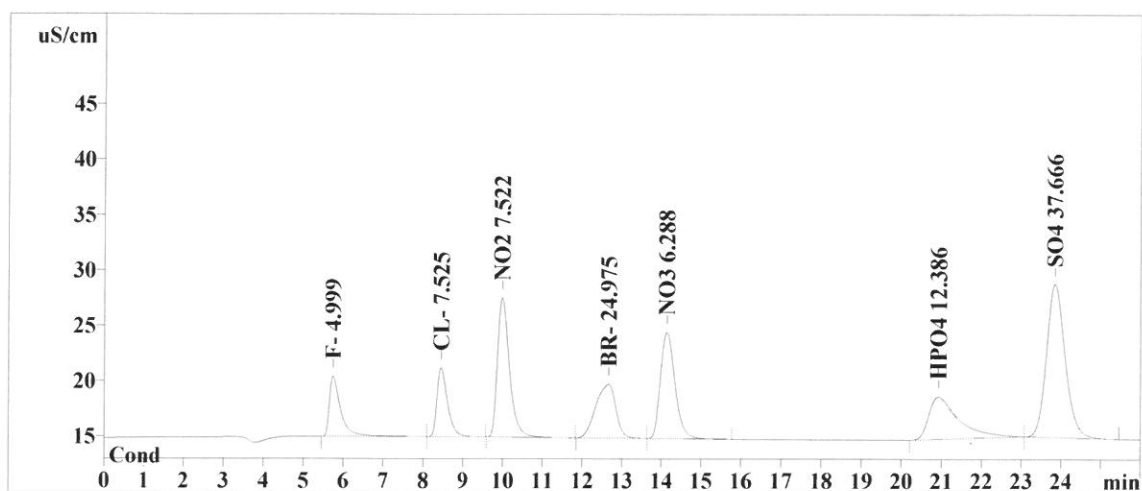
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Analysis from: 5/15/2017 1:55:58 PM
File: _2017-05-15_

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

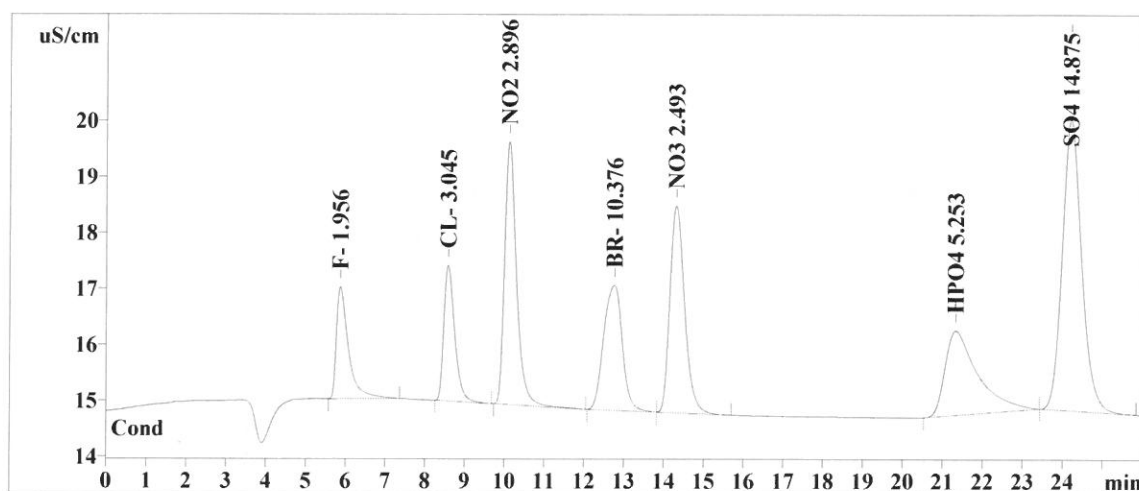
Ident: ICV
Analysis from: 5/15/2017 3:57:21 PM
File: _2017-05-15_

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

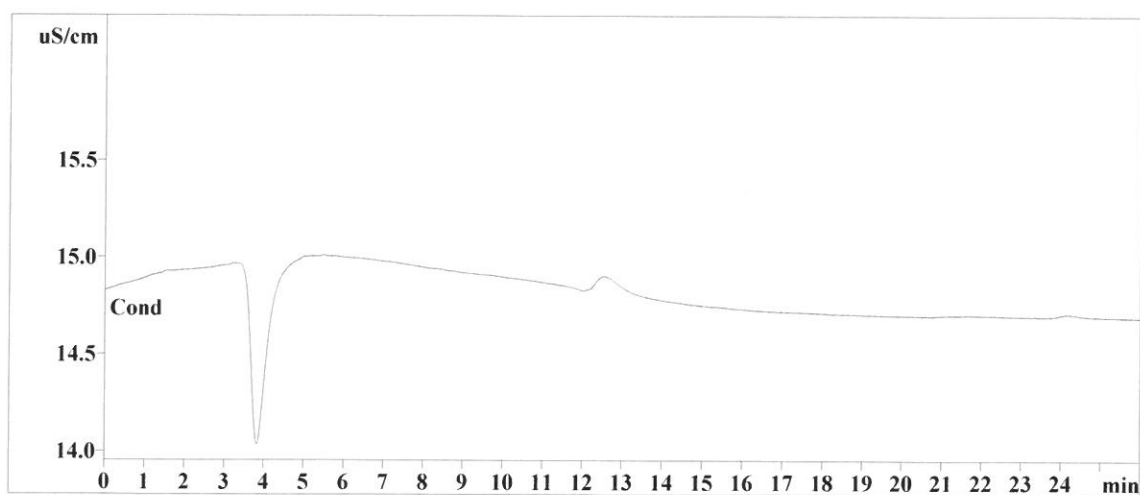
Ident: ICB
Analysis from: 5/15/2017 4:26:16 PM
File: _2017-05-15_

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: 5/31/2017 3:27:04 PM
Printed by: wet

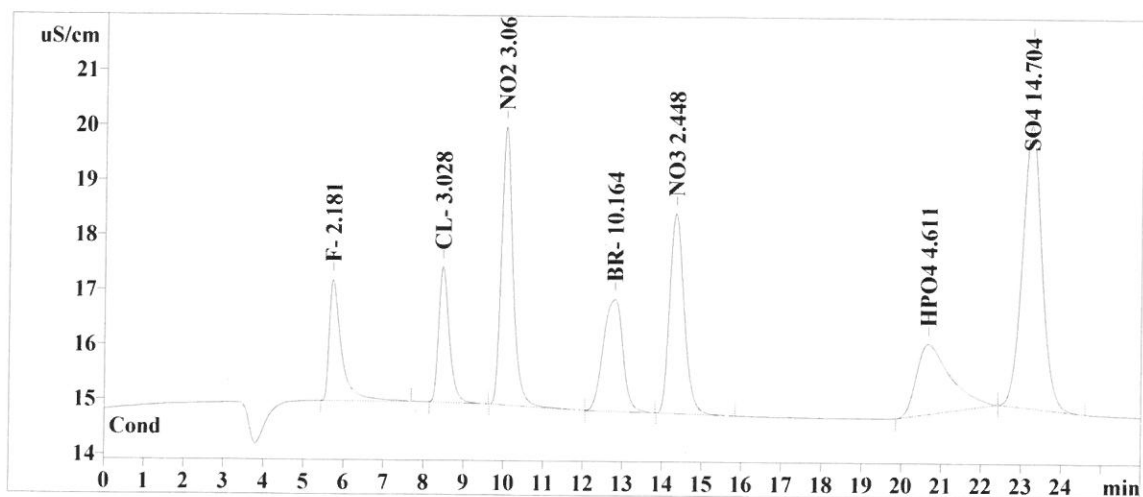
Ident: CCV
Analysis from: 5/30/2017 12:36:14 PM
File: _2017-05-30_

Last save: 5/30/2017 1:03:48 PM

Method: ANIONS 05-15-17.mtw
Run operator: wet
Analysis number: 57691

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	5.72	0.289	2.20	10.08	46.911	7.67	0.
2	8.46	0.277	2.46	11.27	45.756	7.48	0.
3	10.03	0.302	5.06	23.17	103.627	16.94	0.
4	12.79	0.544	2.04	9.35	70.450	11.51	0.
5	14.32	0.394	3.64	16.66	93.872	15.34	0.
6	20.66	0.881	1.28	5.87	75.919	12.41	0.
7	23.23	0.514	5.16	23.60	175.312	28.65	0.
7	26.00	0.457	21.85	100.00	611.847	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/31/2017 3:21:14 PM
Printed by: wet

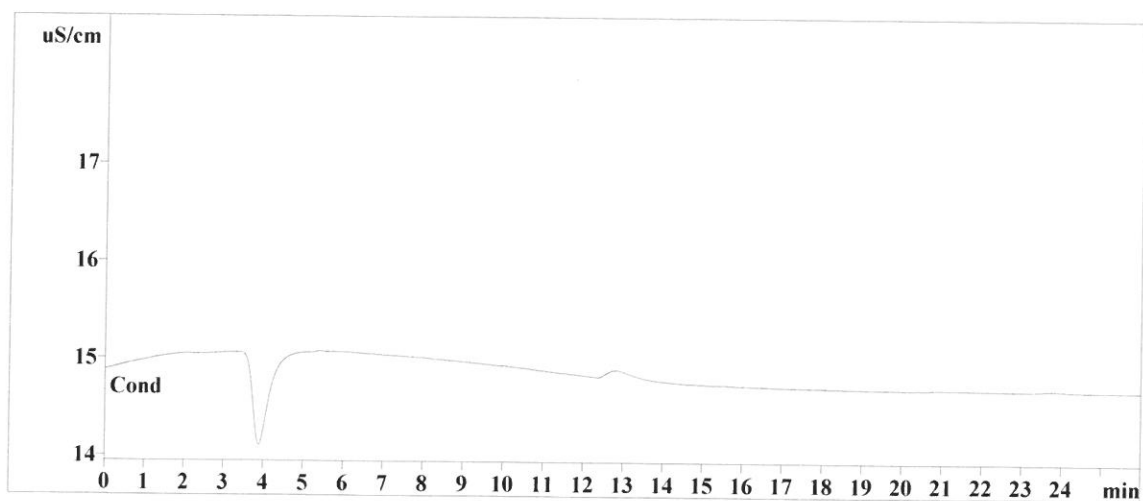
Ident: CCB
Analysis from: 5/30/2017 1:05:10 PM
File: _2017-05-30_

Last save: 5/31/2017 3:21:04 PM

Method: ANIONS 05-15-17.mtw
Run operator: wet
Analysis number: 57692

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: 5/31/2017 3:21:22 PM
Printed by: wet

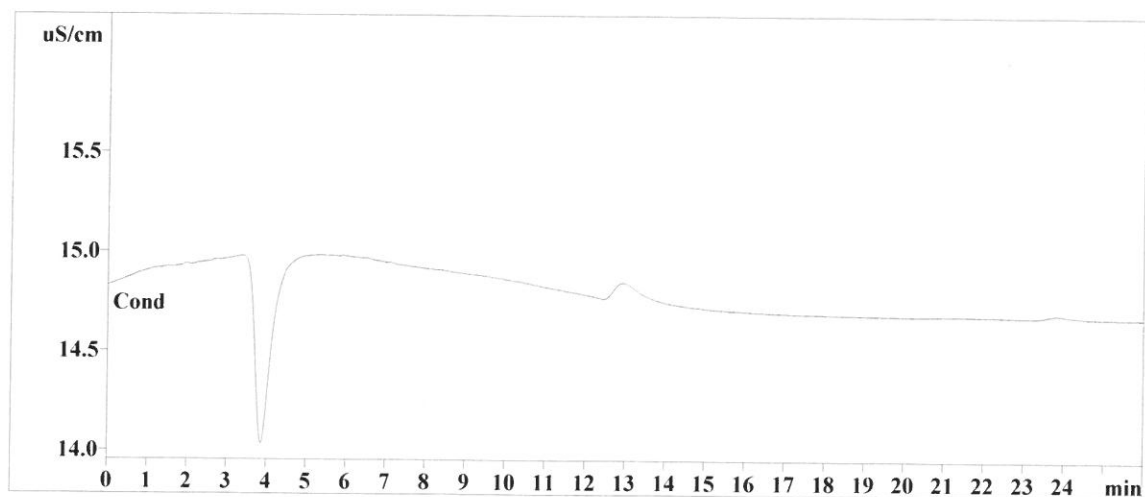
Ident: LB87748BLW
Analysis from: 5/30/2017 1:34:05 PM
File: _2017-05-30_

Last save: 5/31/2017 3:21:04 PM

Method: ANIONS 05-15-17.mtw
Run operator: wet
Analysis number: 57693

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

SAMPLE:
: AK/AP
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: 5/31/2017 3:21:28 PM
Printed by: wet

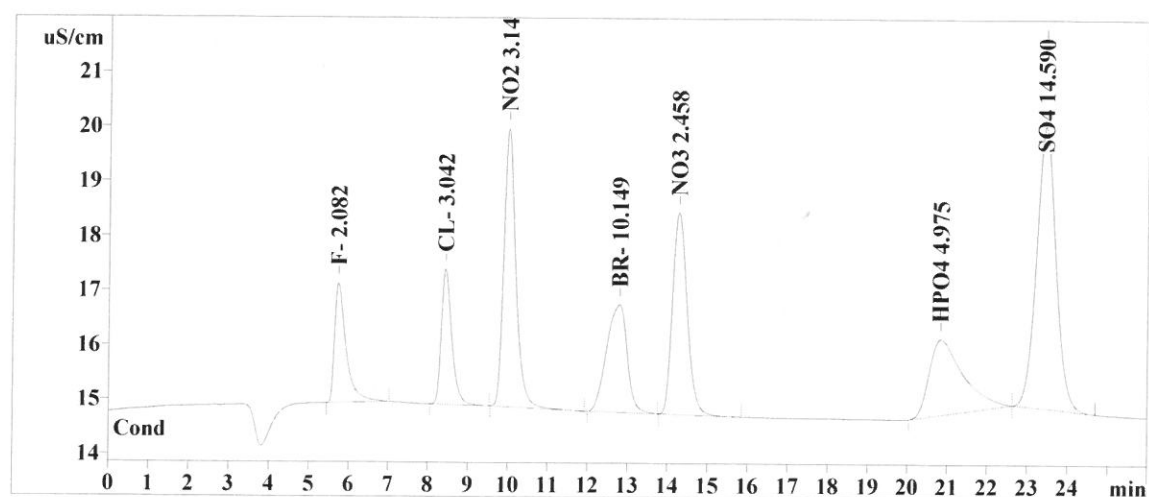
Ident: LB87748BSW
Analysis from: 5/30/2017 2:03:01 PM
File: _2017-05-30_

Last save: 5/30/2017 2:28:50 PM

Method: ANIONS 05-15-17.mtw
Run operator: wet
Analysis number: 57694

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	5.72	0.287	2.19	9.95	44.679	7.24	0.
2	8.43	0.277	2.48	11.27	45.968	7.45	0.
3	9.99	0.309	5.09	23.15	106.568	17.26	0.
4	12.79	0.564	1.97	8.97	70.352	11.39	0.
5	14.26	0.392	3.69	16.81	94.285	15.27	0.
6	20.83	0.869	1.39	6.31	81.665	13.23	0.
7	23.43	0.509	5.17	23.52	173.920	28.17	0.
7	26.00	0.458	21.98	99.98	617.437	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/31/2017 3:21:54 PM
Printed by: wet

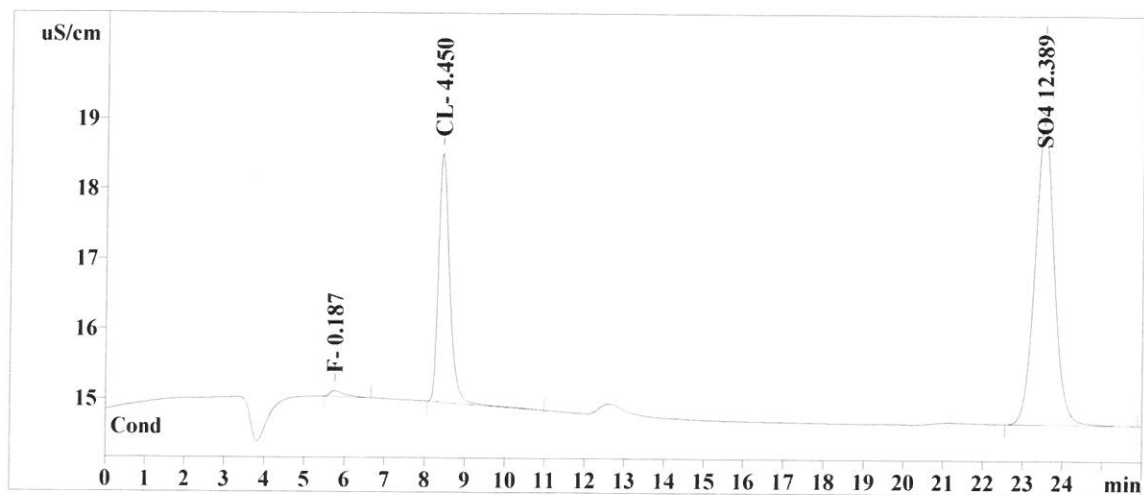
Ident: I3379-01
Analysis from: 5/30/2017 2:31:57 PM
File: _2017-05-30_

Last save: 5/31/2017 3:21:54 PM

Method: ANIONS 05-15-17.mtw
Run operator: wet
Analysis number: 57695

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

SAMPLE:
: AK/AP
Vial number: 6
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	5.75	0.365	0.08	1.04	2.097	0.97	0.
2	8.42	0.281	3.55	44.64	67.743	31.25	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	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	23.51	0.509	4.31	54.31	146.957	67.79	0.
7	26.00	0.165	7.94	99.98	216.797	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/31/2017 3:22:42 PM
Printed by: wet

Ident: I3379-02
Analysis from: 5/30/2017 3:00:52 PM
File: _2017-05-30_

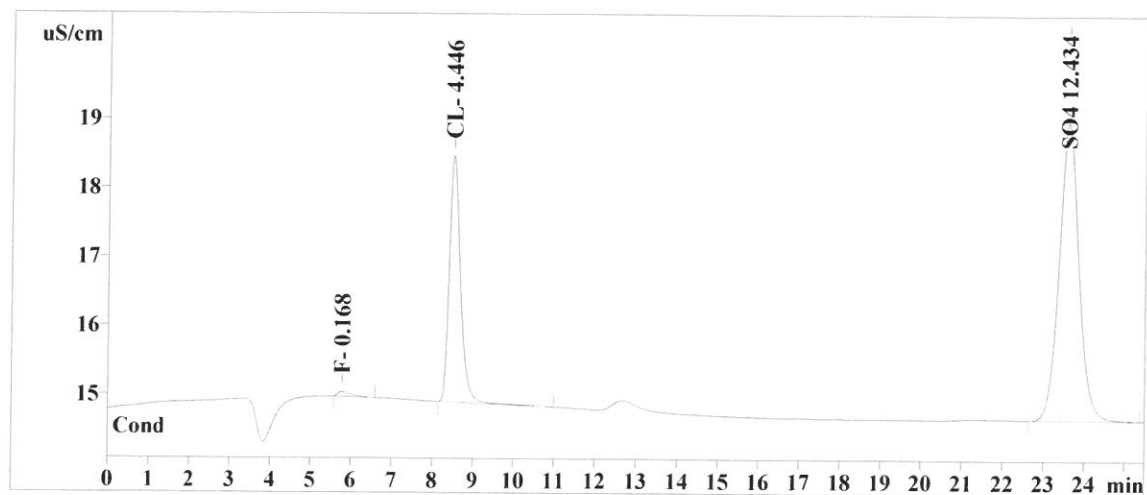
Last save: 5/31/2017 3:22:32 PM

Method: ANIONS 05-15-17.mtw
Run operator: wet
Analysis number: 57696

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	5.78	0.339	0.07	0.90	1.666	0.77	0.
2	8.50	0.280	3.57	44.83	67.678	31.21	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	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	23.59	0.512	4.32	54.24	147.506	68.02	0.
7	25.50	0.162	7.96	99.98	216.850	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/31/2017 3:22:55 PM
Printed by: wet

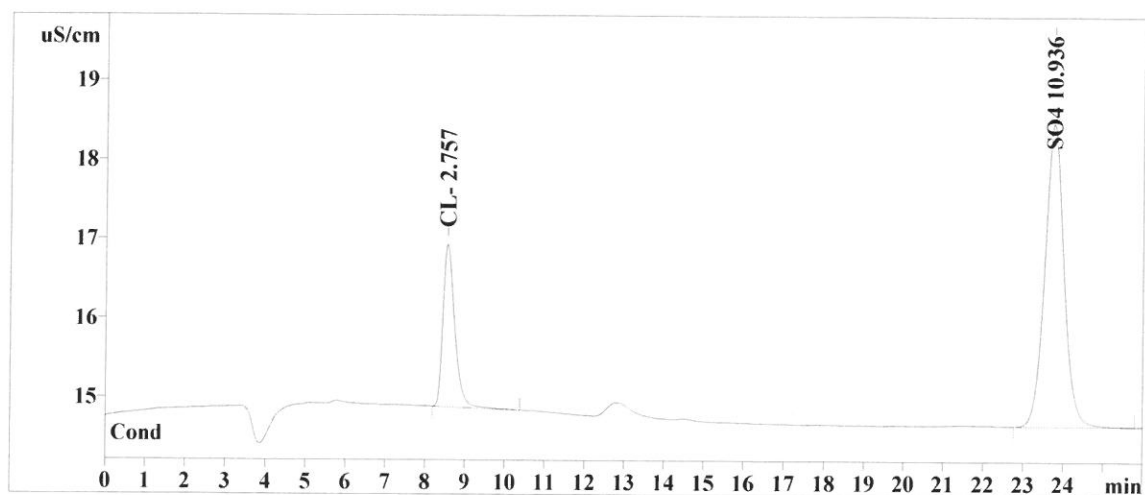
Ident: I3379-03
Analysis from: 5/30/2017 3:29:18 PM
File: _2017-05-30_

Last save: 5/31/2017 3:22:32 PM

Method: ANIONS 05-15-17.mtw
Run operator: wet
Analysis number: 57697

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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.55	0.299	2.05	34.86	41.568	24.35	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	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	23.74	0.505	3.82	65.12	129.167	75.65	0.
7	26.00	0.115	5.87	99.98	170.736	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/31/2017 3:23:03 PM
Printed by: wet

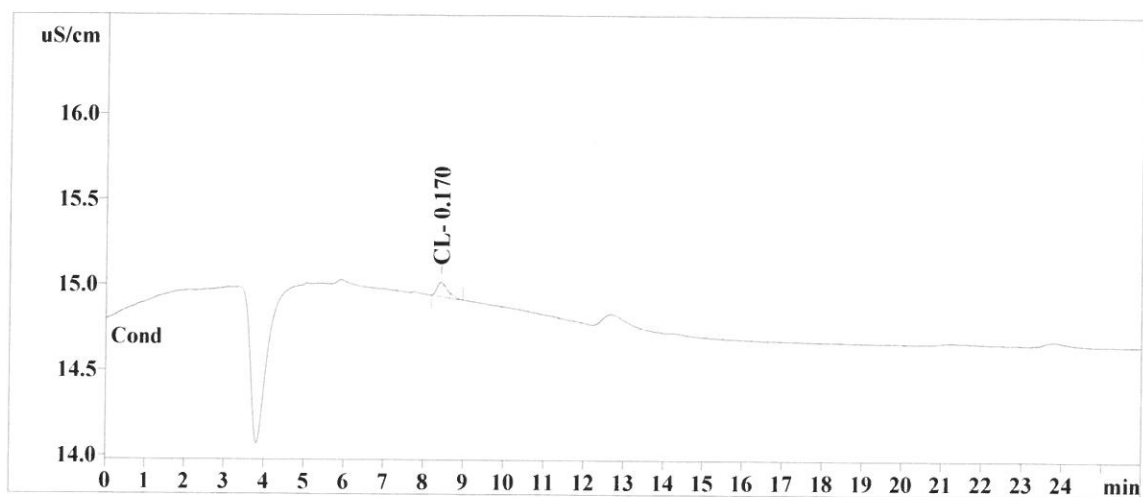
Ident: I3379-04
Analysis from: 5/30/2017 3:58:14 PM
File: _2017-05-30_

Last save: 5/31/2017 3:22:32 PM

Method: ANIONS 05-15-17.mtw
Run operator: wet
Analysis number: 57698

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	8.43	0.283	0.08	98.93	1.569	100.00	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	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	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.00	0.040	0.08	98.93	1.569	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/31/2017 3:23:11 PM
Printed by: wet

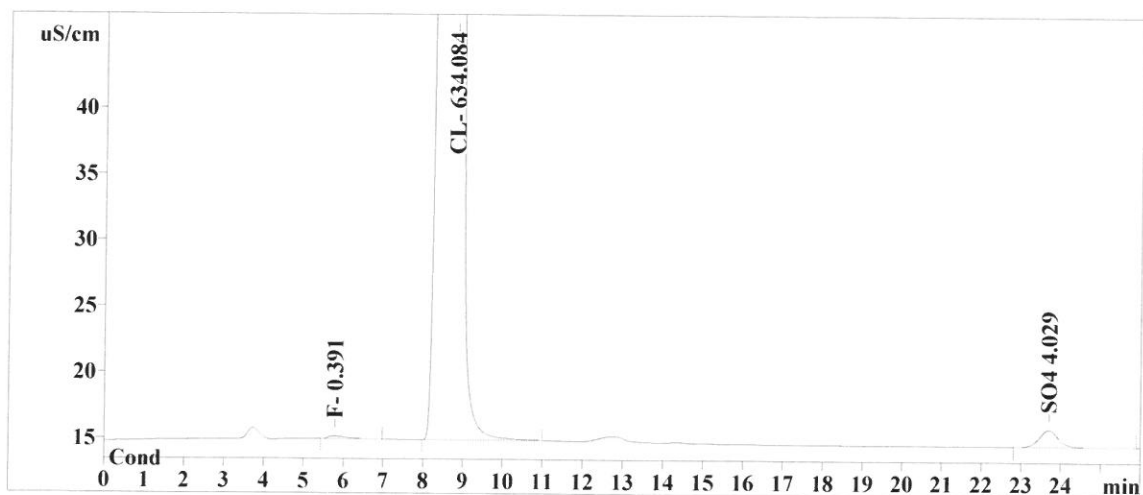
Ident: I3396-02
Analysis from: 5/30/2017 4:27:30 PM
File: _2017-05-30_

Last save: 5/31/2017 3:22:34 PM

Method: ANIONS 05-15-17.mtw
Run operator: wet
Analysis number: 57699

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	5.78	0.485	0.20	0.05	6.670	0.07	0.
2	8.81	0.419	383.89	99.58	9802.688	99.48	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	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	23.70	0.514	1.30	0.34	44.557	0.45	0.
7	26.00	0.203	385.39	99.97	9853.915	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/31/2017 3:25:08 PM
Printed by: wet

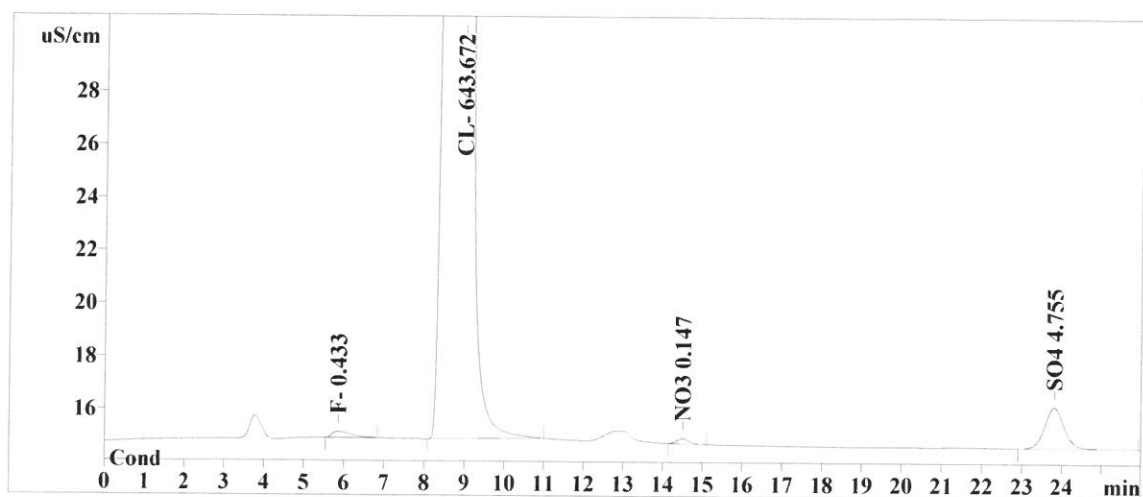
Ident: I3396-03
Analysis from: 5/30/2017 4:56:25 PM
File: _2017-05-30_

Last save: 5/31/2017 3:25:06 PM

Method: ANIONS 05-15-17.mtw
Run operator: wet
Analysis number: 57700

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	5.87	0.514	0.23	0.06	7.608	0.08	0.
2	8.97	0.425	383.16	99.44	9950.929	99.35	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	14.51	0.324	0.19	0.05	4.026	0.04	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	23.81	0.516	1.55	0.40	53.450	0.53	0.
7	26.00	0.254	385.14	99.95	10016.014	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/31/2017 3:24:46 PM
Printed by: wet

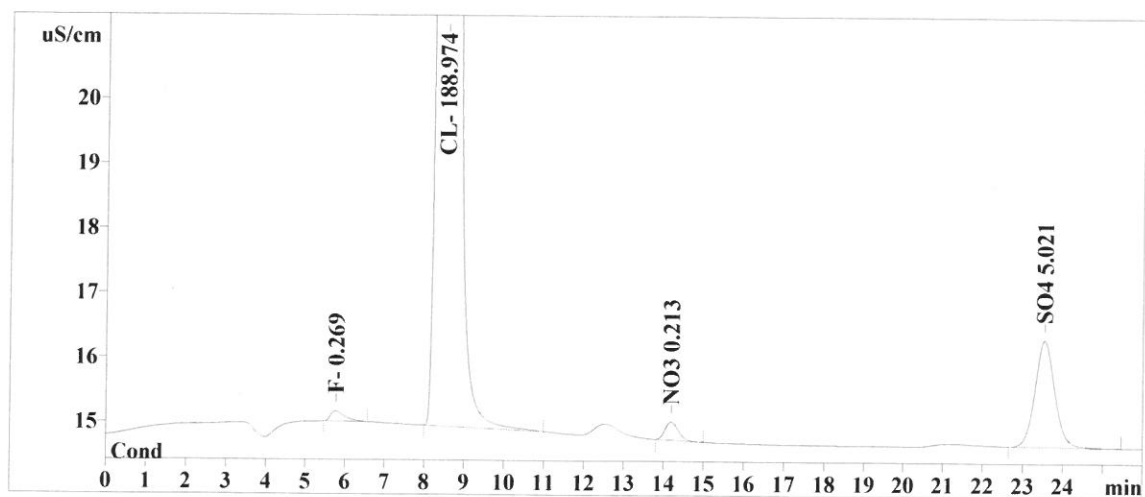
Ident: I3396-04
Analysis from: 5/30/2017 5:25:21 PM
File: _2017-05-30_

Last save: 5/31/2017 3:24:46 PM

Method: ANIONS 05-15-17.mtw
Run operator: wet
Analysis number: 57701

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	5.76	0.373	0.16	0.10	3.924	0.13	0.
2	8.54	0.285	156.81	98.68	2920.709	97.75	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	14.19	0.364	0.28	0.18	6.621	0.22	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	23.53	0.515	1.65	1.04	56.711	1.90	0.
7	26.00	0.219	158.90	99.99	2987.966	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/31/2017 3:24:22 PM
Printed by: wet

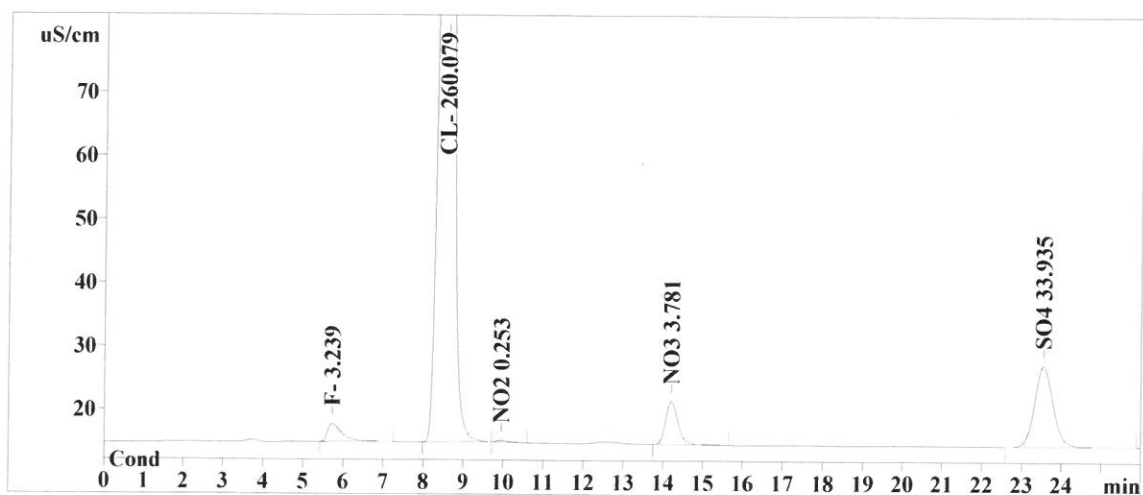
Ident: I3396-05
Analysis from: 5/30/2017 5:54:16 PM
File: _2017-05-30_

Last save: 5/31/2017 3:24:22 PM

Method: ANIONS 05-15-17.mtw
Run operator: wet
Analysis number: 57702

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	5.73	0.364	2.78	1.25	70.692	1.52	0.
2	8.57	0.311	199.77	89.87	4020.096	86.41	0.
3	9.96	0.298	0.23	0.11	4.620	0.10	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	14.20	0.328	6.76	3.04	145.927	3.14	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	23.54	0.485	12.71	5.72	410.877	8.83	0.
7	26.00	0.255	222.26	99.98	4652.211	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/31/2017 3:27:08 PM
Printed by: wet

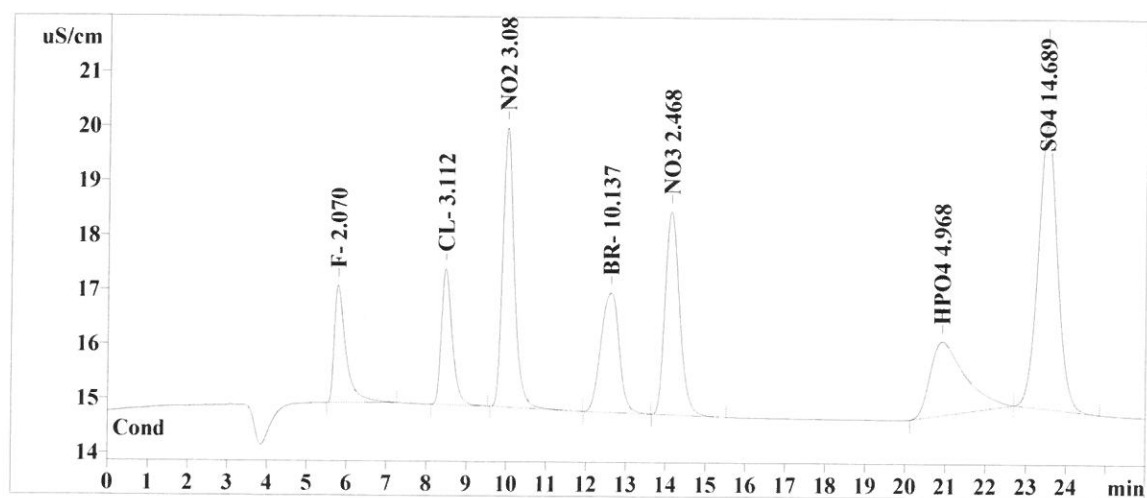
Ident: CCV
Analysis from: 5/30/2017 6:23:12 PM
File: _2017-05-30_

Last save: 5/30/2017 6:49:02 PM

Method: ANIONS 05-15-17.mtw
Run operator: wet
Analysis number: 57703

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	0.287	2.15	9.68	44.418	7.19	0.
2	8.47	0.283	2.49	11.20	47.057	7.62	0.
3	10.00	0.301	5.12	23.04	104.328	16.90	0.
4	12.61	0.504	2.20	9.88	70.270	11.38	0.
5	14.12	0.389	3.73	16.75	94.657	15.33	0.
6	20.90	0.896	1.35	6.09	81.563	13.21	0.
7	23.50	0.509	5.19	23.35	175.132	28.36	0.
7	26.00	0.453	22.24	100.00	617.425	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/31/2017 3:27:20 PM
Printed by: wet

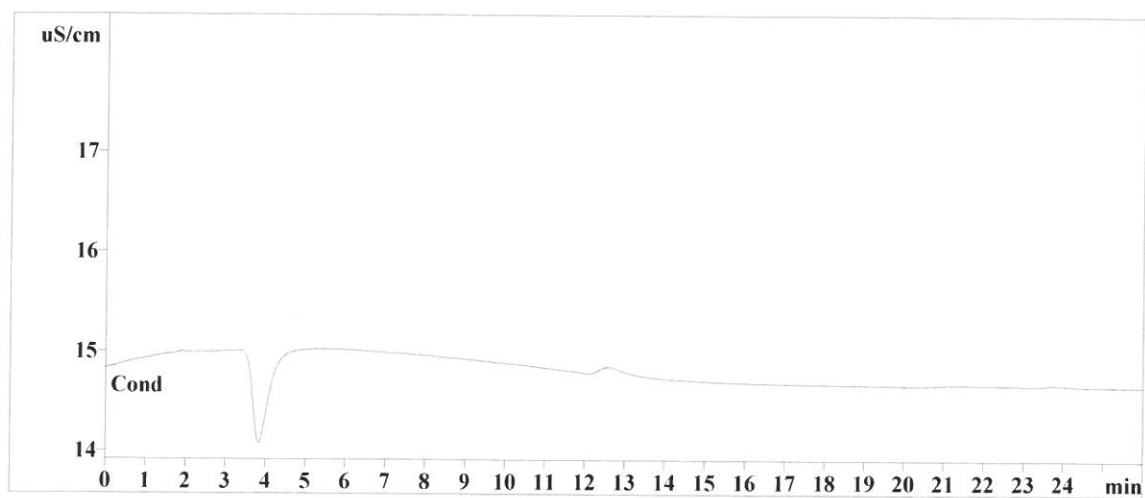
Ident: CCB
Analysis from: 5/30/2017 6:52:07 PM
File: _2017-05-30_

Last save: 5/31/2017 3:21:04 PM

Method: ANIONS 05-15-17.mtw
Run operator: wet
Analysis number: 57704

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: 5/31/2017 3:27:27 PM
Printed by: wet

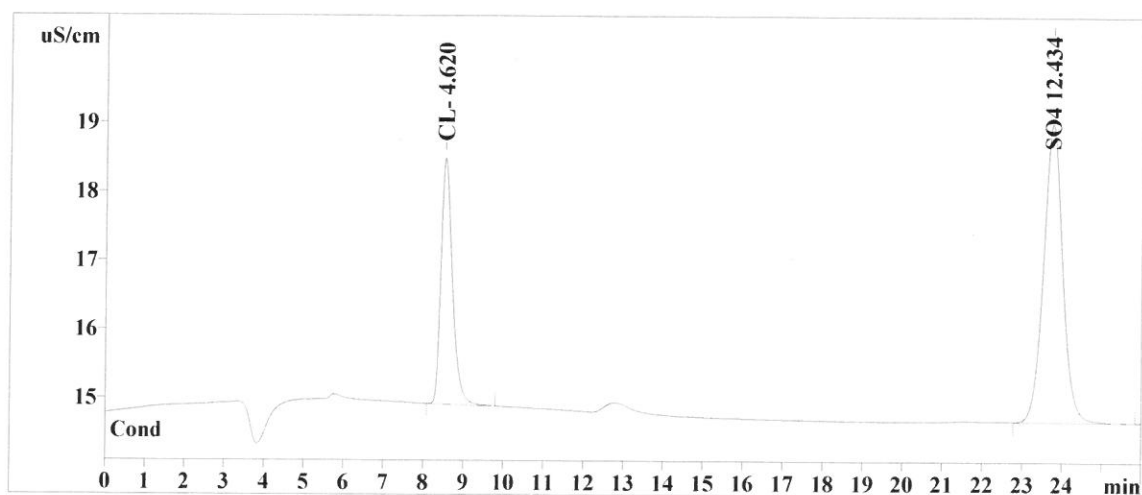
Ident: I3379-01DUP
Analysis from: 5/30/2017 7:21:02 PM
File: _2017-05-30_

Last save: 5/31/2017 3:22:34 PM

Method: ANIONS 05-15-17.mtw
Run operator: wet
Analysis number: 57705

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	8.53	0.292	3.57	45.17	70.363	32.29	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	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	0.508	4.34	54.83	147.515	67.71	0.
7	26.00	0.114	7.91	100.00	217.878	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/31/2017 3:27:33 PM
Printed by: wet

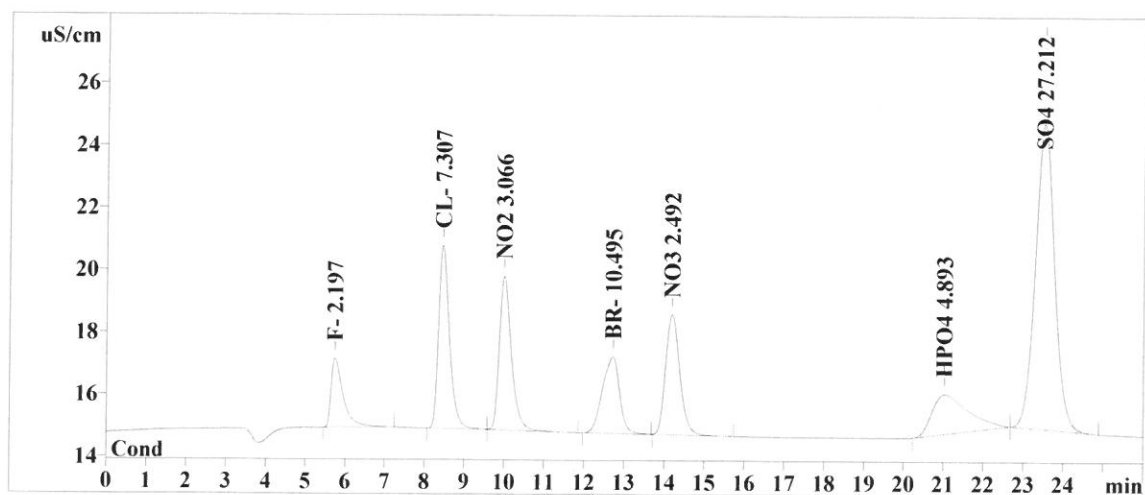
Ident: I3379-01MS
Analysis from: 5/30/2017 7:49:58 PM
File: _2017-05-30_

Last save: 5/30/2017 8:15:48 PM

Method: ANIONS 05-15-17.mtw
Run operator: wet
Analysis number: 57706

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	5.74	0.300	2.21	7.27	47.278	5.63	0.
2	8.45	0.285	5.87	19.31	111.902	13.32	0.
3	9.99	0.311	4.93	16.21	103.793	12.35	0.
4	12.72	0.466	2.47	8.11	72.685	8.65	0.
5	14.18	0.380	3.85	12.65	95.601	11.38	0.
6	21.02	0.974	1.27	4.19	80.379	9.57	0.
7	23.50	0.506	9.81	32.25	328.528	39.10	0.
7	26.00	0.460	30.41	99.99	840.166	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/31/2017 3:27:39 PM
Printed by: wet

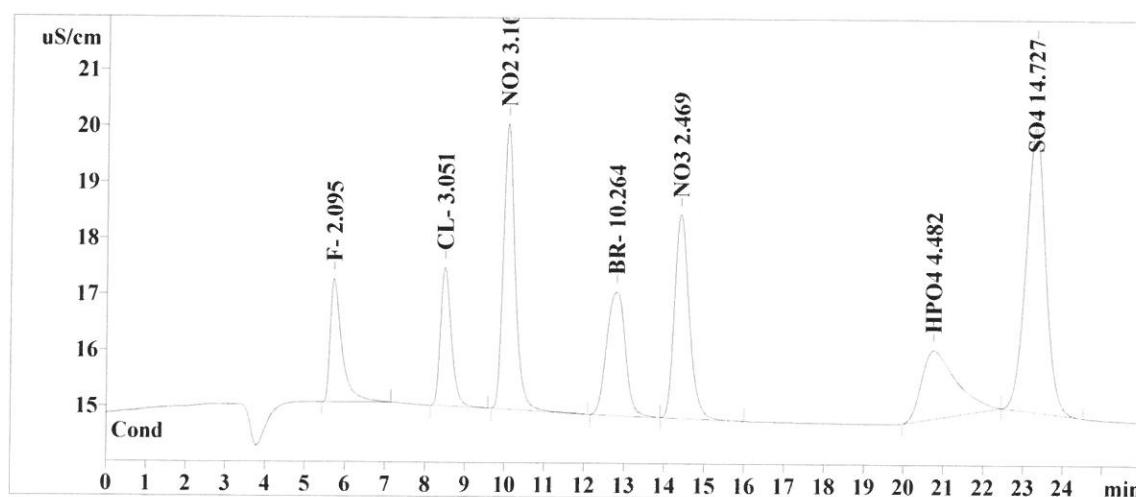
Ident: CCV
Analysis from: 5/30/2017 10:27:48 PM
File: _2017-05-30_

Last save: 5/31/2017 9:42:02 AM

Method: ANIONS 05-15-17.mtw
Run operator: wet
Analysis number: 57708

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	5.71	0.286	2.19	10.02	44.971	7.35	0.
2	8.47	0.279	2.47	11.30	46.108	7.54	0.
3	10.06	0.305	5.08	23.24	105.304	17.22	0.
4	12.79	0.508	2.20	10.05	71.124	11.63	0.
5	14.39	0.397	3.63	16.61	94.711	15.48	0.
6	20.74	0.913	1.22	5.58	73.885	12.08	0.
7	23.27	0.523	5.07	23.18	175.594	28.71	0.
7	26.00	0.459	21.88	99.98	611.696	100.00	0.

This report has been created by IC Net
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Report date: 5/31/2017 3:27:47 PM
Printed by: wet

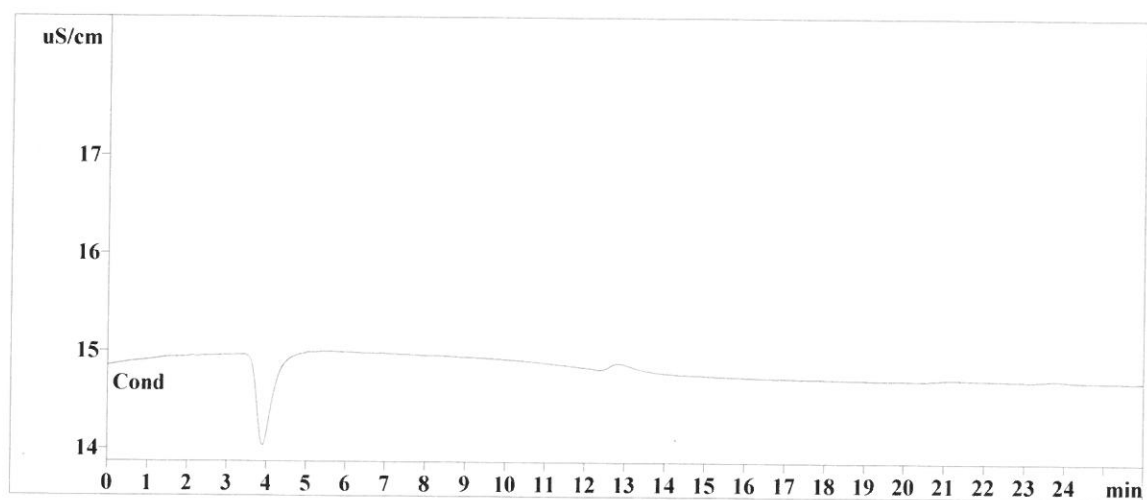
Ident: CCB
Analysis from: 5/30/2017 10:56:43 PM
File: _2017-05-30_

Last save: 5/31/2017 3:21:04 PM

Method: ANIONS 05-15-17.mtw
Run operator: wet
Analysis number: 57709

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