

M300.0
IC-4-
8-8-17 AK

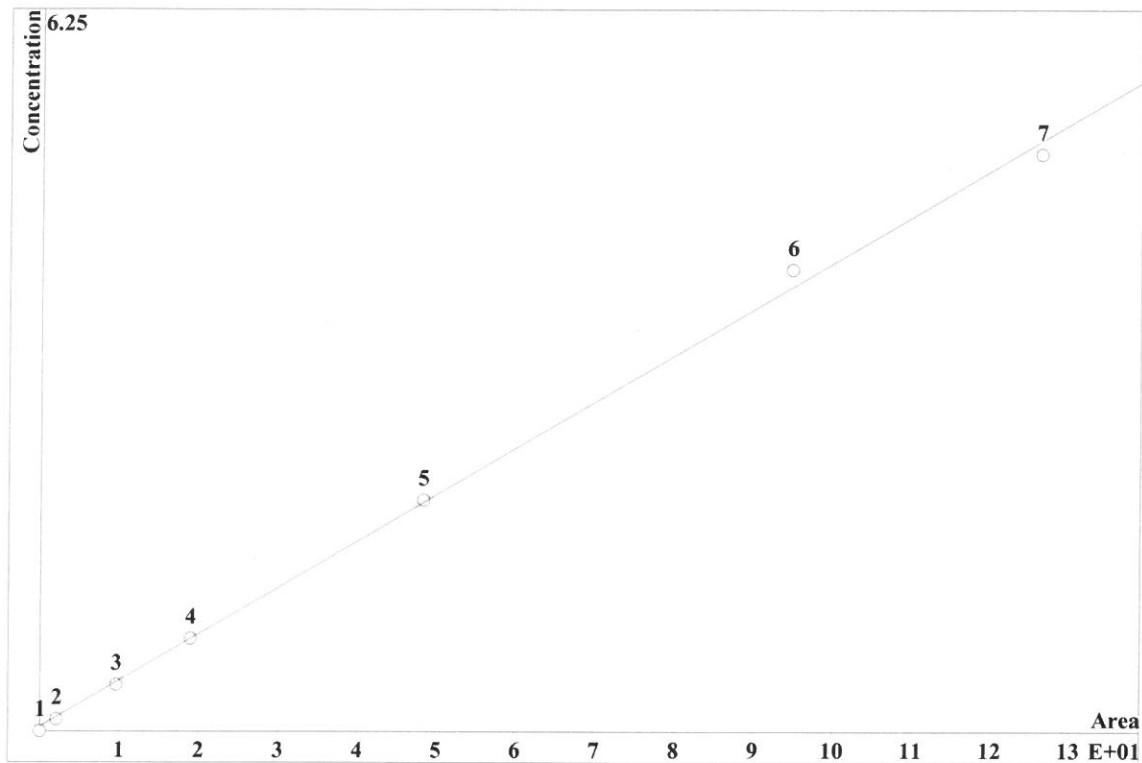
Clear table

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	2017-04-14_	4/14/17 13:33
STD2	0.1230	0.2160	0.2690	0.7780	0.1990	-0.1200	1.3520	2017-04-14_	4/14/17 14:04
STD3	0.4260	0.6330	0.6330	2.1050	0.5380	0.8520	3.2790	2017-04-14_	4/14/17 14:34
STD4	0.8030	1.1670	1.1890	3.8740	0.9740	2.3120	5.7990	2017-04-14_	4/14/17 15:05
STD5	1.9800	2.9310	2.8400	9.7260	2.4110	5.5480	14.3660	2017-04-14_	4/14/17 15:36
STD6	3.8500	5.8920	5.8540	19.6090	4.8750	9.7870	28.9220	2017-04-14_	4/14/17 16:07
STD7	5.1170	7.6100	7.6660	25.4090	6.3780	12.3710	38.5310	2017-04-14_	4/14/17 16:38
ICV	2.1220	3.0960	3.0630	9.8180	2.4400	5.4520	14.5470	2017-04-14_	4/14/17 18:12
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-04-14_	4/14/17 18:43
CCV	1.9780	3.0680	3.2320	10.9320	2.4700	4.4720	14.5410	2017-05-05_	5/5/17 14:10
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-05-05_	5/5/17 14:40
LB87285BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-05-05_	5/5/17 15:10
LB87285BSW	1.9310	2.9280	3.0830	10.4350	2.3700	4.7470	14.1040	2017-05-05_	5/5/17 15:40
I3029-01	0.1540	1.7420	0.0000	0.0000	0.1470	0.0000	2.8510	2017-05-05_	5/5/17 16:10
I3029-01DUP	0.1110	1.7510	0.0000	0.0000	0.1470	0.0000	2.8870	2017-05-05_	5/5/17 16:40
I3029-04	0.0000	1.4680	0.0000	0.0000	0.0000	0.0000	15.6980	2017-05-05_	5/5/17 17:10
I3030-01	0.0000	1.4440	0.0000	0.0000	0.0000	0.0000	15.1230	2017-05-05_	5/5/17 17:40
I3030-02	0.0960	2.9790	0.0000	2.0280	0.0000	0.0000	61.1310	2017-05-05_	5/5/17 18:10
I3030-03	0.0000	0.1710	0.0000	0.0000	0.0000	0.0000	0.0000	2017-05-05_	5/5/17 18:39
I3029-02MS	2.1360	4.4720	2.9800	10.6070	2.4600	5.1320	16.6030	2017-05-05_	5/5/17 19:09
I3029-03MSD	2.1610	4.5850	3.0150	10.8880	2.5410	5.8520	17.0910	2017-05-05_	5/5/17 19:39
CCV	1.9870	3.0690	3.1940	10.8390	2.4930	5.2350	14.7440	2017-05-05_	5/5/17 20:39
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-05-05_	5/5/17 21:09
CCV	2.0310	2.9430	3.0960	10.7210	2.4480	4.5830	14.6350	2017-05-08_	5/8/17 10:48
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-05-08_	5/8/17 11:17
LB87285BLW2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-05-08_	5/8/17 11:47
LB87285BSW2	1.8940	2.9320	3.0090	10.4760	2.3810	4.8770	13.9920	2017-05-08_	5/8/17 12:17
I3030-02DLX2	0.0000	1.5580	0.0000	0.0000	0.0000	0.0000	29.5540	2017-05-08_	5/8/17 12:47
CCV	1.8380	2.9970	3.1850	10.7800	2.4820	5.1270	14.7820	2017-05-08_	5/8/17 13:17
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-05-08_	5/8/17 13:47

IC-1

CALIBRATION OF COMPONENT F-

Method: ANIONS 04-14-17.mtw
 Equation: $Q = 0.803678 \cdot A + 0.801493$
 RSD: 4.748 %
 Correlation coefficient: 0.999080

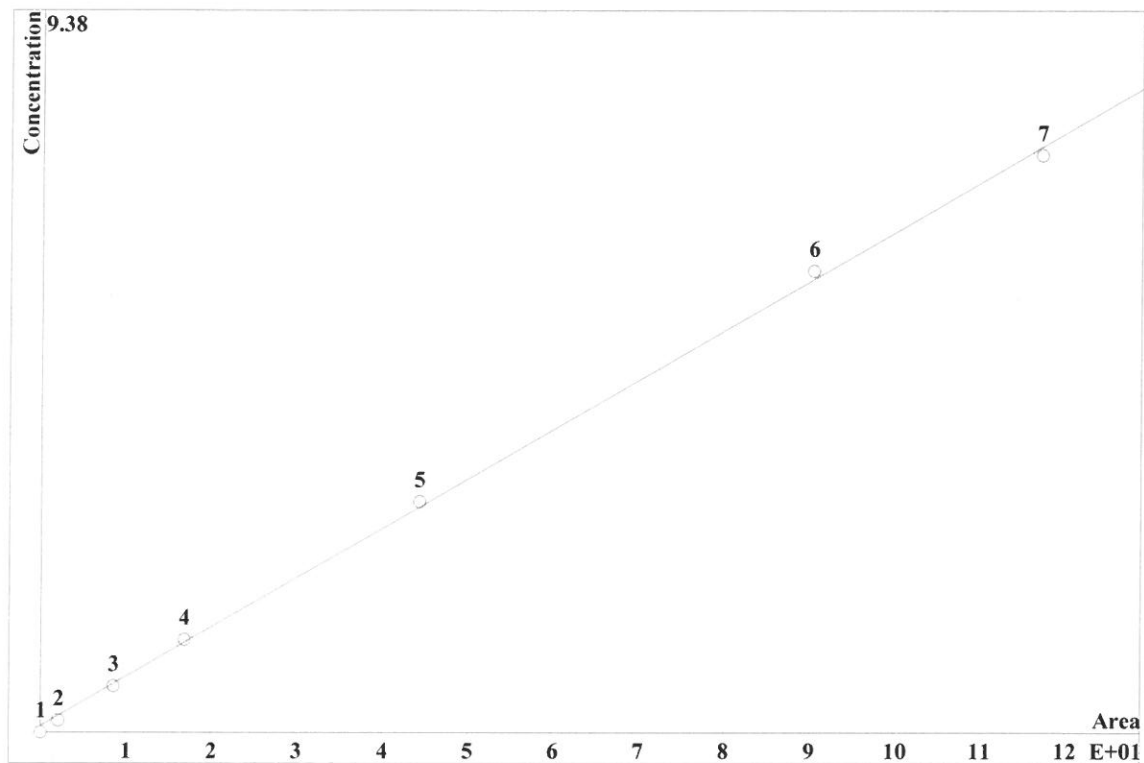


K3 = 0 K2 = 0 K1 = 0.803678 K0 = 0.801493
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0	No	
2	0.09437	2.068	0.1	20	5.749	Yes	
3	0.3945	9.606	0.4	20	5.749	Yes	
4	0.9446	18.99	0.8	20	5.749	Yes	
5	2.316	48.29	2	20	5.749	Yes	
6	4.711	94.81	4	20	5.749	Yes	
7	6.383	126.3	5	20	5.749	Yes	

CALIBRATION OF COMPONENT CL-

Method: ANIONS 04-14-17.mtw
 Equation: $Q = 1.28497 \cdot A + 1.69506$
 RSD: 3.049 %
 Correlation coefficient: 0.999621

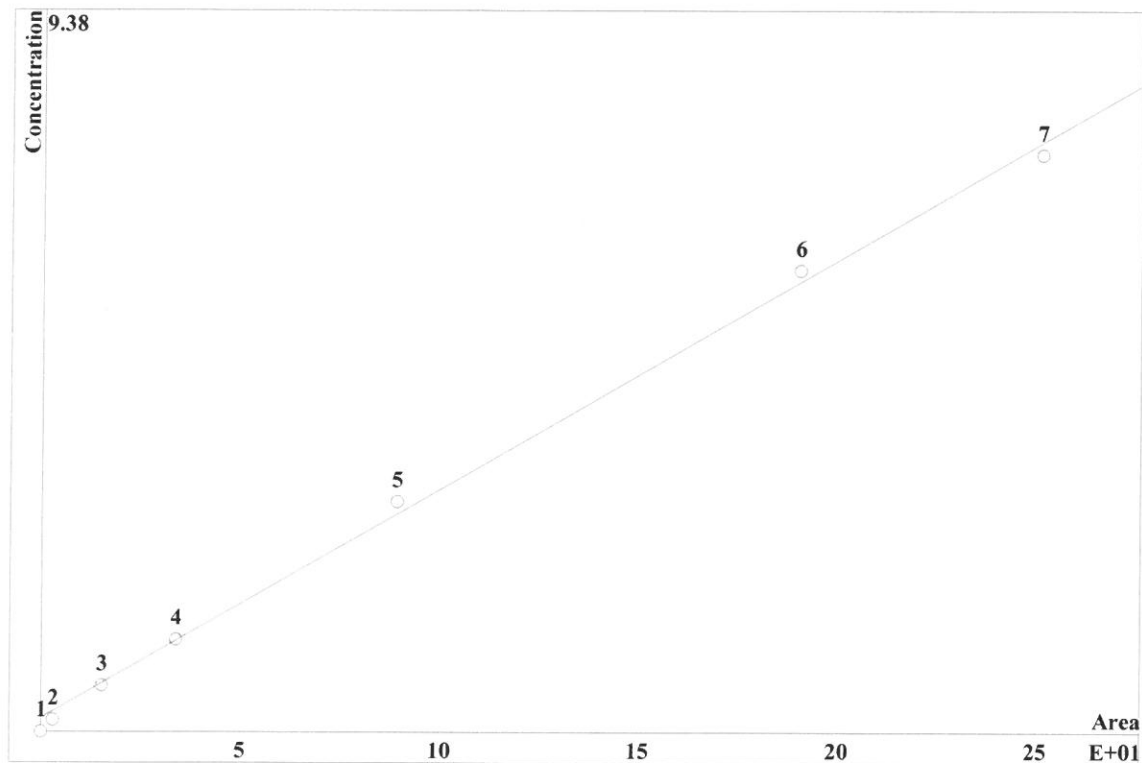


K3 = 0 K2 = 0 K1 = 1.28497 K0 = 1.69506
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0	No	
2	0.1048	2.05	0.15	20	8.479	Yes	
3	0.4302	8.529	0.6	20	8.479	Yes	
4	0.8413	16.85	1.2	20	8.479	Yes	
5	2.213	44.3	3	20	8.479	Yes	
6	4.53	90.39	6	20	8.479	Yes	
7	5.906	117.1	7.5	20	8.479	Yes	

CALIBRATION OF COMPONENT NO2

Method: ANIONS 04-14-17.mtw
 Equation: $Q = 0.595959 \cdot A + 3.55958$
 RSD: 4.870 %
 Correlation coefficient: 0.999032

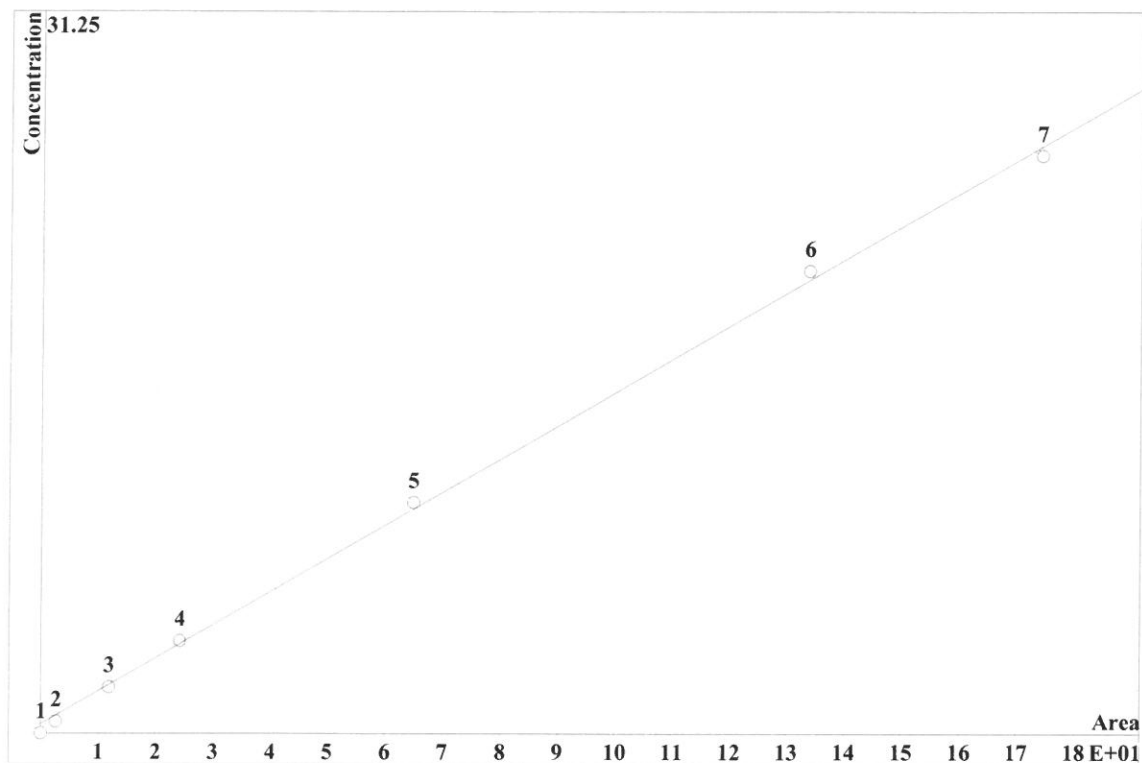


K3 = 0 K2 = 0 K1 = 0.595959 K0 = 3.55958
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0		0	0	0			No
2	0.1358	3.038	0.15	20	10.05			Yes
3	0.6924	15.28	0.6	20	10.05			Yes
4	1.497	33.92	1.2	20	10.05			Yes
5	3.833	89.32	3	20	10.05			Yes
6	8.127	190.5	6	20	10.05			Yes
7	10.76	251.3	7.5	20	10.05			Yes

CALIBRATION OF COMPONENT BR-

Method: ANIONS 04-14-17.mtw
 Equation: $Q = 2.87221 \cdot A + 7.95891$
 RSD: 3.447 %
 Correlation coefficient: 0.999515

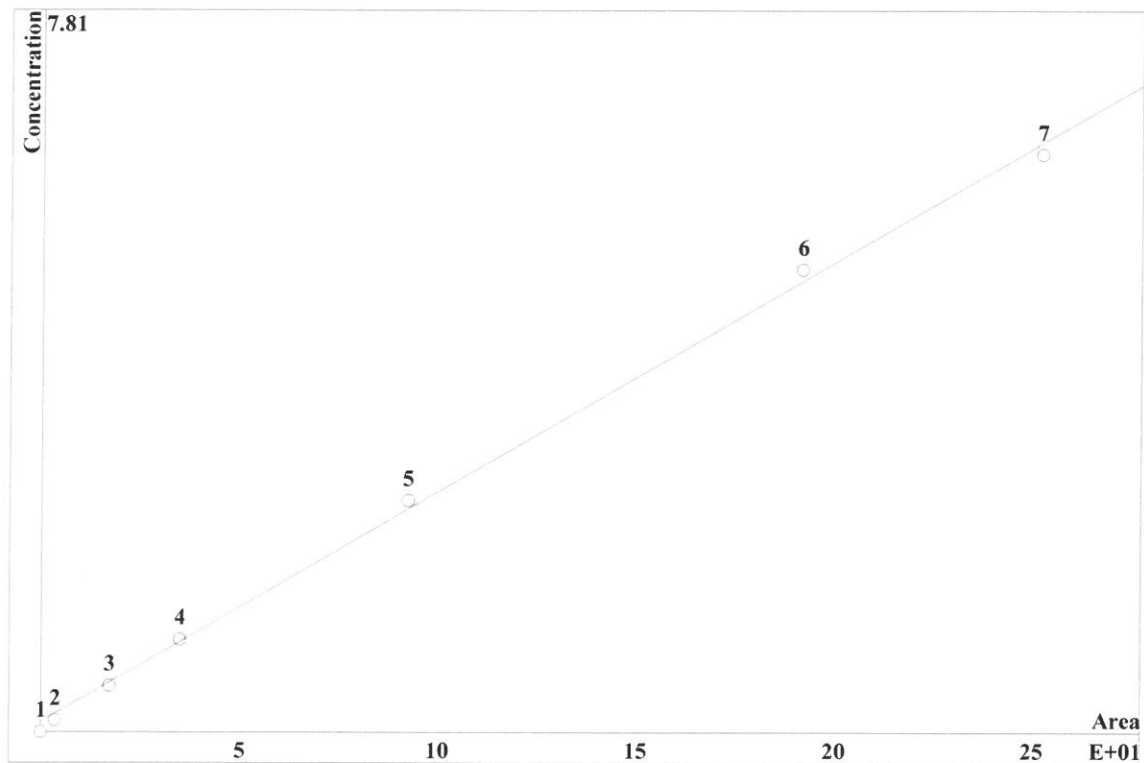


K3 = 0 K2 = 0 K1 = 2.87221 K0 = 7.95891
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.1136	2.644	0.5	20	13.31			Yes
3	0.4945	11.89	2	20	13.31			Yes
4	0.9863	24.2	4	20	13.31			Yes
5	2.58	64.96	10	20	13.31			Yes
6	5.039	133.8	20	20	13.31			Yes
7	6.377	174.2	25	20	13.31			Yes

CALIBRATION OF COMPONENT NO3

Method: ANIONS 04-14-17.mtw
 Equation: $Q = 0.497131 \cdot A + 2.22759$
 RSD: 4.259 %
 Correlation coefficient: 0.999260

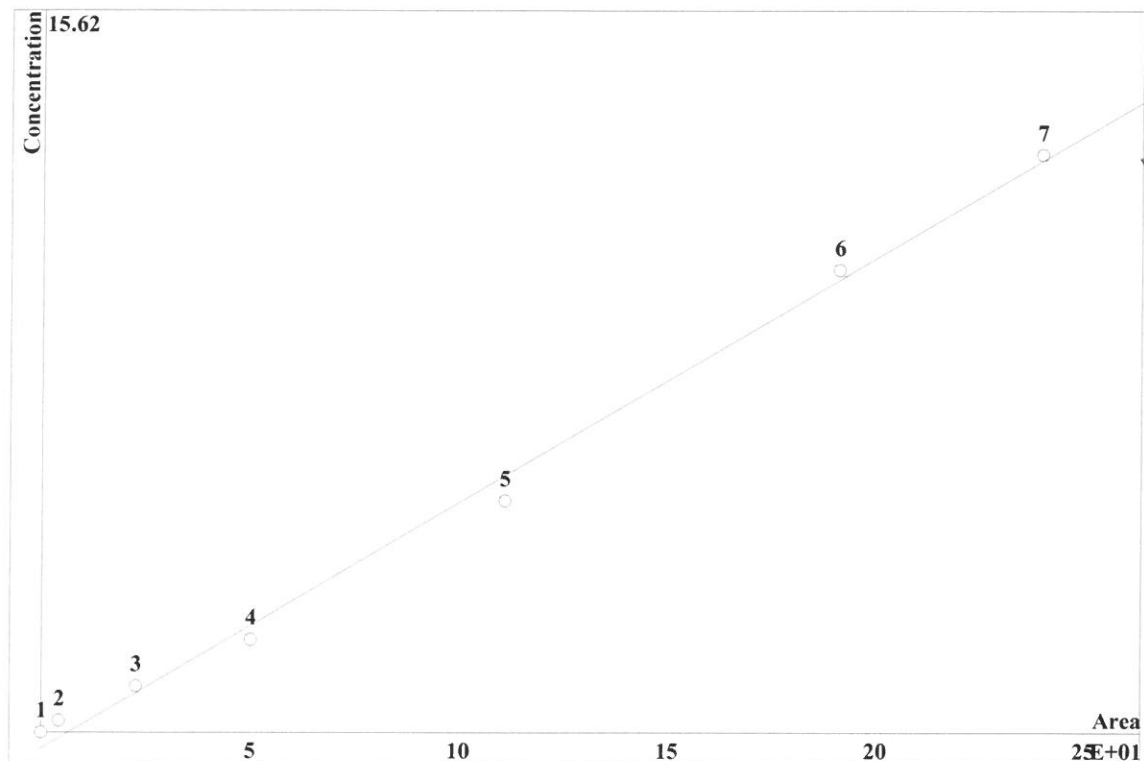


K3 = 0 K2 = 0 K1 = 0.497131 K0 = 2.22759
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.1246	3.545	0.125	20	14.38	Yes	
3	0.6302	17.17	0.5	20	14.38	Yes	
4	1.268	34.71	1	20	14.38	Yes	
5	3.428	92.5	2.5	20	14.38	Yes	
6	7.13	191.6	5	20	14.38	Yes	
7	9.391	252.1	6.25	20	14.38	Yes	

CALIBRATION OF COMPONENT HPO4

Method: ANIONS 04-14-17.mtw
 Equation: $Q = 1.06107 \cdot A - 6.91623$
 RSD: 7.672 %
 Correlation coefficient: 0.997595

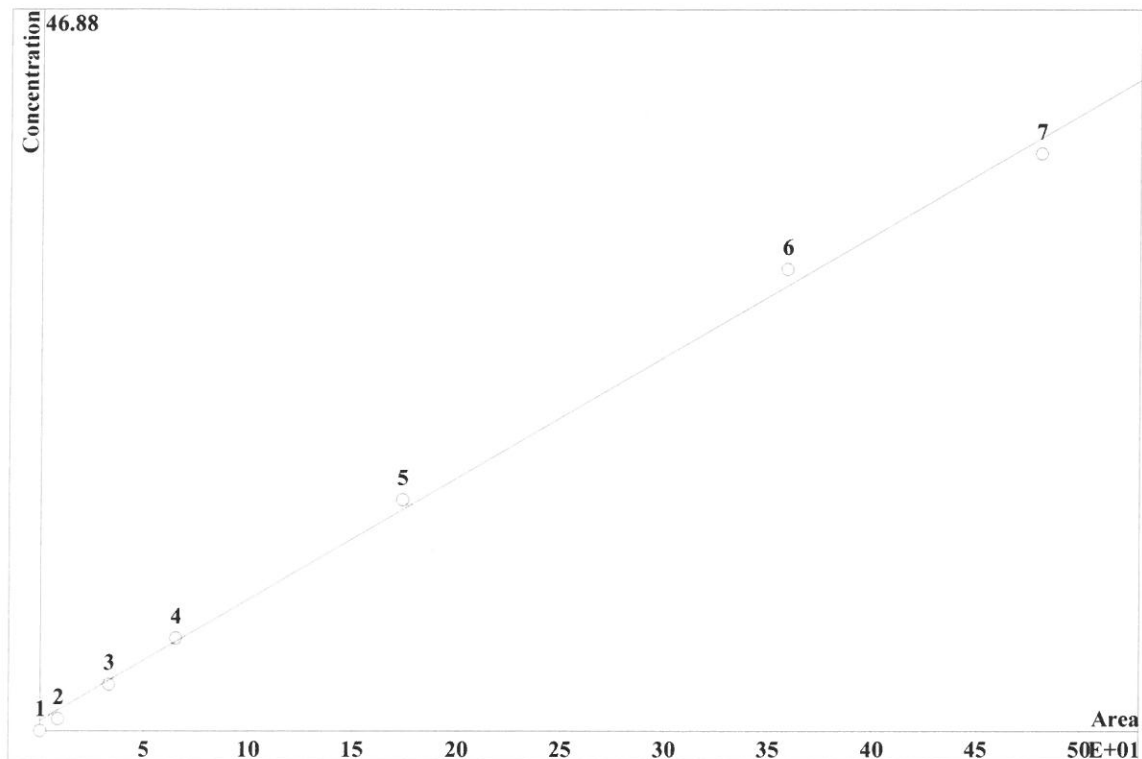


K3 = 0 K2 = 0 K1 = 1.06107 K0 = -6.91623
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.06143	4.248	0.25	20	20.62			Yes
3	0.3231	22.59	1	20	20.62			Yes
4	0.7333	50.1	2	20	20.62			Yes
5	1.729	111.1	5	20	20.62			Yes
6	3.187	191	10	20	20.62			Yes
7	4.095	239.7	12.5	20	20.62			Yes

CALIBRATION OF COMPONENT SO4

Method: ANIONS 04-14-17.mtw
 Equation: $Q = 1.57546 \cdot A + 13.3397$
 RSD: 5.734 %
 Correlation coefficient: 0.998657



K3 = 0 K2 = 0 K1 = 1.57546 K0 = 13.3397
 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	0.2318	8.702	0.75	20	25.97		Yes
3	0.9087	33.16	3	20	25.97		Yes
4	1.797	65.15	6	20	25.97		Yes
5	4.821	173.9	15	20	25.97		Yes
6	10.06	358.7	30	20	25.97		Yes
7	13.21	480.7	37.5	20	25.97		Yes

Report date: 4/18/2017 2:12:10 PM
Printed by: wet

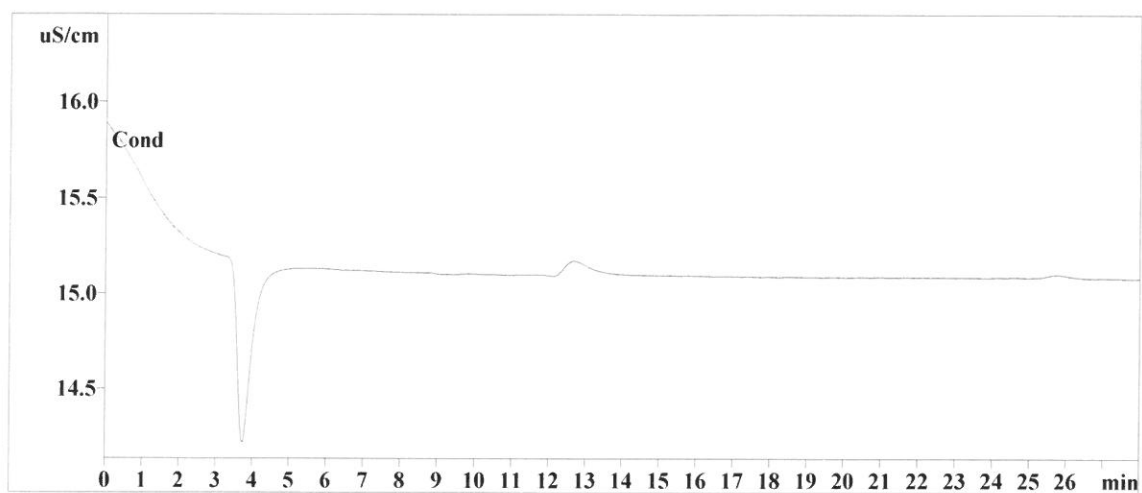
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File: _2017-04-14_

Last save: 4/14/2017 5:06:52 PM

Method: ANIONS 04-14-17.mtw
Run operator: wet
Analysis number: 57119

Last save: 4/14/2017 4:04:34 PM

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: 4/18/2017 2:12:49 PM
Printed by: wet

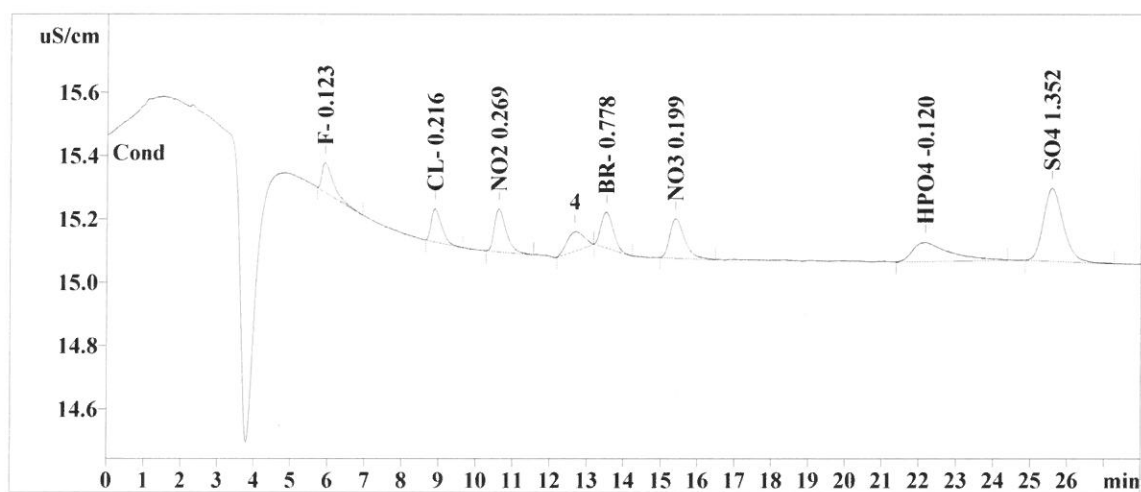
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Analysis from: 4/14/2017 2:04:01 PM
File: _2017-04-14_

Last save: 4/14/2017 5:06:52 PM

Method: ANIONS 04-14-17.mtw
Run operator: wet
Analysis number: 57120

Last save: 4/14/2017 4:04:34 PM

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	5.92	0.322	0.09	10.11	2.068	7.33	0.
2	8.89	0.304	0.10	11.21	2.050	7.27	0.
3	10.62	0.333	0.14	14.57	3.038	10.77	0.
4	13.52	0.369	0.11	12.19	2.644	9.37	0.
5	15.39	0.423	0.12	13.40	3.545	12.56	0.
6	22.17	1.013	0.06	6.49	4.248	15.06	0.
7	25.58	0.569	0.23	24.88	8.702	30.85	0.
7	28.00	0.476	0.86	92.86	26.294	93.20	0.

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Report date: 4/18/2017 2:12:55 PM
Printed by: wet

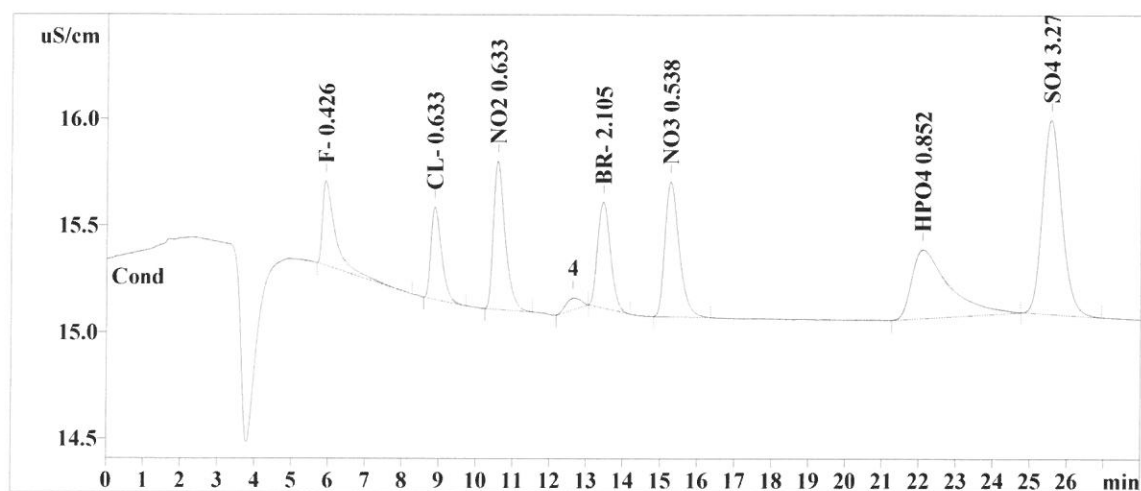
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File: _2017-04-14_

Last save: 4/14/2017 5:06:52 PM

Method: ANIONS 04-14-17.mtw
Run operator: wet
Analysis number: 57121

Last save: 4/14/2017 4:04:34 PM

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	5.92	0.318	0.39	10.03	9.606	8.02	0.
2	8.88	0.301	0.43	10.93	8.529	7.12	0.
3	10.58	0.330	0.69	17.61	15.283	12.76	0.
4	13.44	0.376	0.49	12.58	11.885	9.92	0.
5	15.26	0.415	0.63	16.02	17.169	14.33	0.
6	22.09	0.975	0.32	8.19	22.585	18.86	0.
7	25.55	0.554	0.91	23.12	33.165	27.69	0.
7	28.00	0.467	3.87	98.48	118.223	98.70	0.

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Report date: 4/18/2017 2:13:01 PM
Printed by: wet

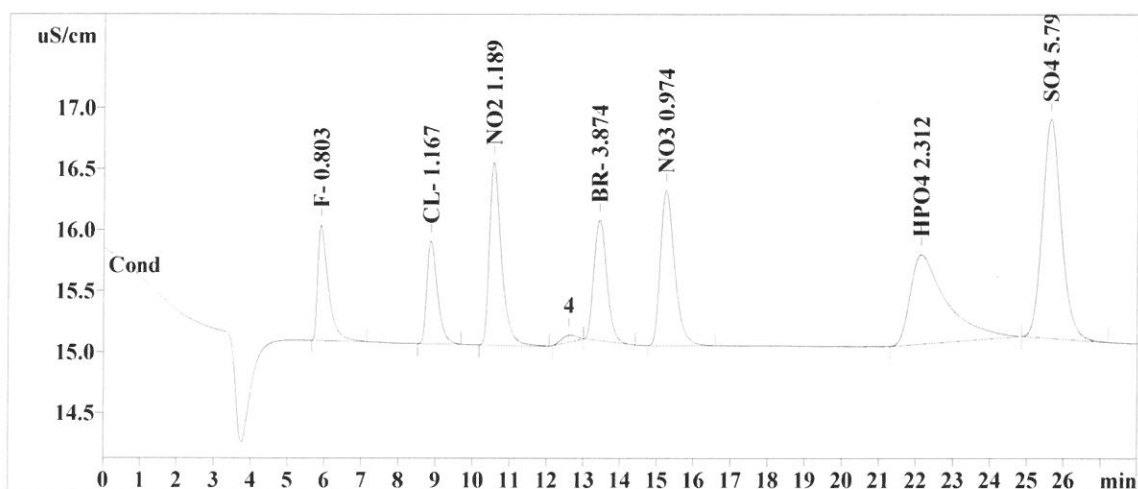
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File: _2017-04-14_

Last save: 4/14/2017 5:06:52 PM

Method: ANIONS 04-14-17.mtw
Run operator: wet
Analysis number: 57122

Last save: 4/14/2017 4:04:34 PM

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	5.90	0.292	0.94	11.62	18.988	7.73	0.
2	8.87	0.302	0.84	10.35	16.848	6.86	0.
3	10.56	0.332	1.50	18.42	33.918	13.81	0.
4	13.43	0.382	0.99	12.14	24.203	9.86	0.
5	15.24	0.414	1.27	15.60	34.705	14.13	0.
6	22.14	0.940	0.73	9.02	50.104	20.41	0.
7	25.63	0.549	1.80	22.11	65.154	26.54	0.
7	28.00	0.459	8.06	99.25	243.920	99.34	0.

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Report date: 4/18/2017 2:13:09 PM
Printed by: wet

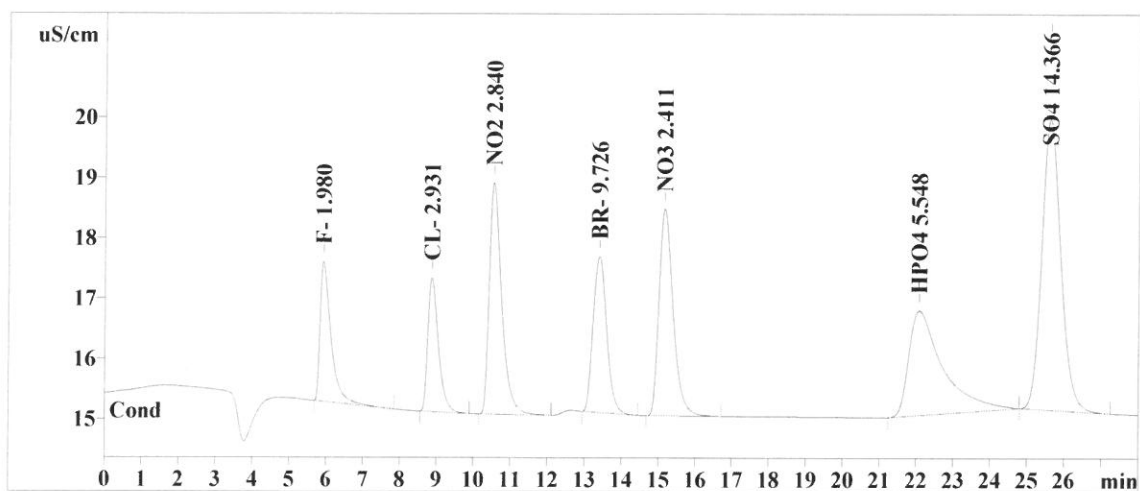
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File: _2017-04-14_

Last save: 4/14/2017 5:06:52 PM

Method: ANIONS 04-14-17.mtw
Run operator: wet
Analysis number: 57123

Last save: 4/14/2017 4:04:34 PM

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	5.92	0.298	2.32	11.07	48.288	7.73	0.
2	8.87	0.300	2.21	10.58	44.300	7.10	0.
3	10.54	0.343	3.83	18.32	89.323	14.31	0.
4	13.39	0.391	2.58	12.33	64.956	10.40	0.
5	15.15	0.408	3.43	16.38	92.499	14.82	0.
6	22.08	0.873	1.73	8.26	111.083	17.79	0.
7	25.61	0.547	4.82	23.04	173.904	27.85	0.
7	28.00	0.451	20.92	99.99	624.352	100.00	0.

This report has been created by IC Net
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Report date: 4/18/2017 2:13:21 PM
Printed by: wet

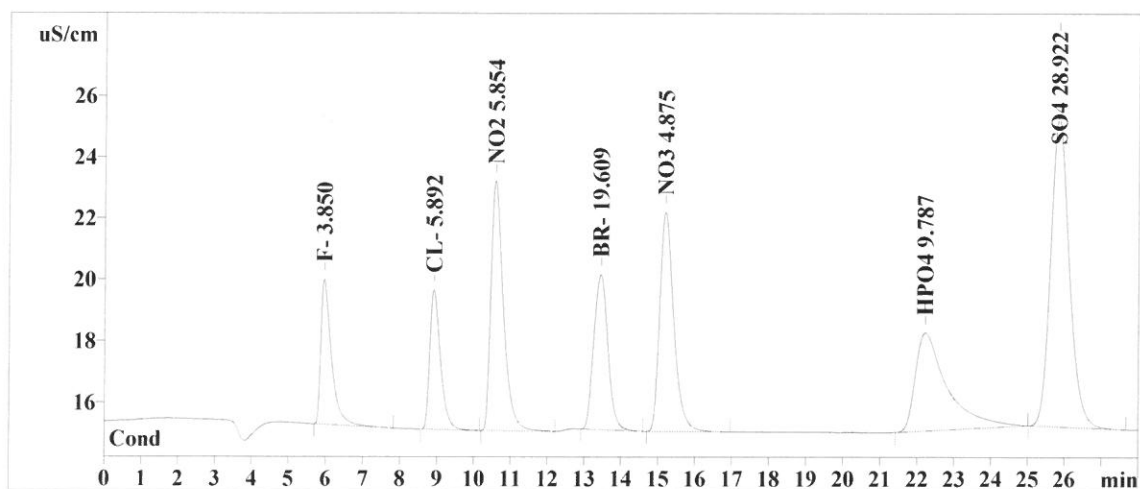
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Analysis from: 4/14/2017 4:07:40 PM
File: _2017-04-14_

Last save: 4/14/2017 5:06:52 PM

Method: ANIONS 04-14-17.mtw
Run operator: wet
Analysis number: 57124

Last save: 4/14/2017 4:04:34 PM

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	5.95	0.290	4.71	11.01	94.809	7.58	0.
2	8.91	0.298	4.53	10.59	90.391	7.23	0.
3	10.58	0.348	8.13	19.00	190.490	15.23	0.
4	13.44	0.414	5.04	11.78	133.769	10.69	0.
5	15.18	0.405	7.13	16.67	191.643	15.32	0.
6	22.21	0.802	3.19	7.45	190.992	15.27	0.
7	25.83	0.540	10.06	23.51	358.686	28.68	0.
7	28.00	0.442	42.78	100.00	1250.780	100.00	0.

This report has been created by IC Net
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Report date: 4/18/2017 2:13:26 PM
Printed by: wet

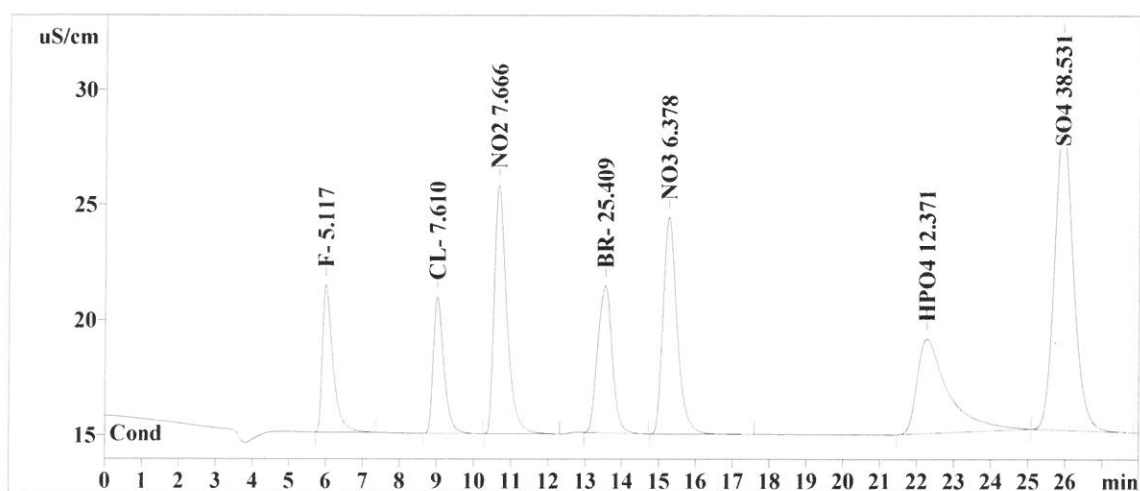
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File: _2017-04-14_

Last save: 4/14/2017 5:07:14 PM

Method: ANIONS 04-14-17.mtw
Run operator: wet
Analysis number: 57125

Last save: 4/14/2017 4:04:34 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	5.99	0.288	6.38	11.37	126.349	7.70	0.
2	9.01	0.295	5.91	10.52	117.135	7.14	0.
3	10.66	0.346	10.76	19.17	251.280	15.31	0.
4	13.53	0.428	6.38	11.36	174.158	10.61	0.
5	15.25	0.404	9.39	16.73	252.103	15.36	0.
6	22.26	0.785	4.09	7.30	239.701	14.60	0.
7	25.91	0.551	13.21	23.54	480.672	29.28	0.
7	28.00	0.442	56.12	100.00	1641.398	100.00	0.

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Report date: 4/18/2017 2:14:08 PM
Printed by: wet

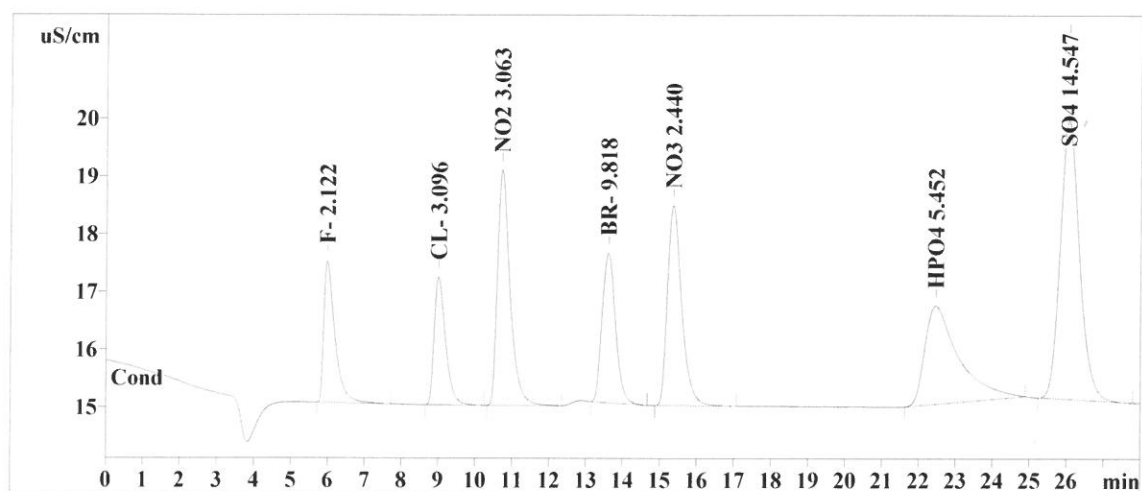
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File: _2017-04-14_

Last save: 4/17/2017 2:48:28 PM

Method: ANIONS 04-14-17.mtw
Run operator: wet
Analysis number: 57128

Last save: 4/14/2017 5:07:16 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	5.98	0.306	2.45	11.49	51.821	8.09	0.
2	9.00	0.318	2.21	10.36	46.868	7.32	0.
3	10.72	0.351	4.08	19.13	96.818	15.12	0.
4	13.60	0.394	2.58	12.12	65.597	10.25	0.
5	15.35	0.409	3.46	16.23	93.696	14.63	0.
6	22.45	0.894	1.70	7.99	109.275	17.07	0.
7	26.05	0.552	4.83	22.67	176.198	27.52	0.
7	28.00	0.460	21.31	99.99	640.273	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 4/18/2017 2:14:15 PM
Printed by: wet

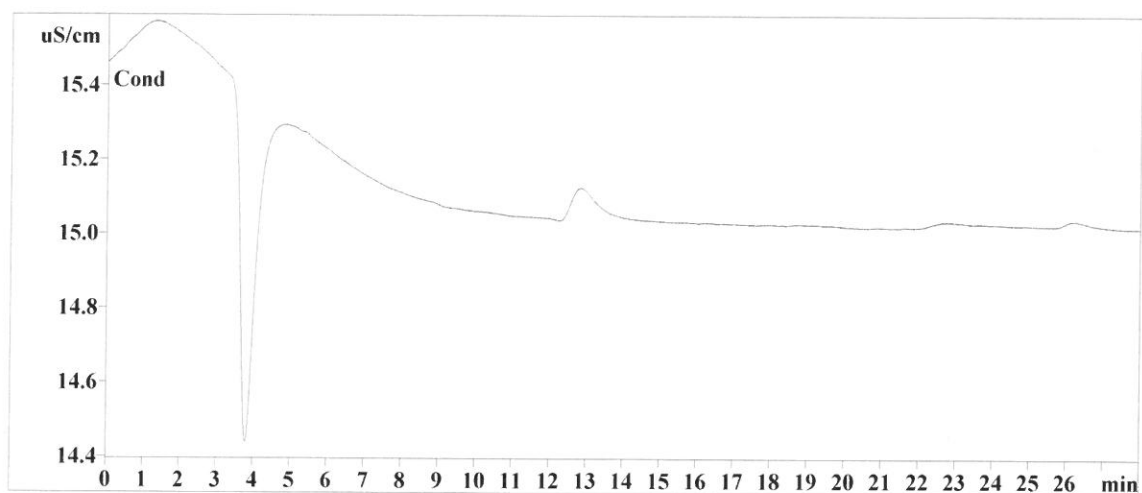
Ident: ICB
Analysis from: 4/14/2017 6:43:10 PM
File: _2017-04-14_

Last save: 4/14/2017 7:10:58 PM

Method: ANIONS 04-14-17.mtw
Run operator: wet
Analysis number: 57129

Last save: 4/14/2017 5:07:16 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: 5/5/2017 4:24:41 PM
Printed by: wet

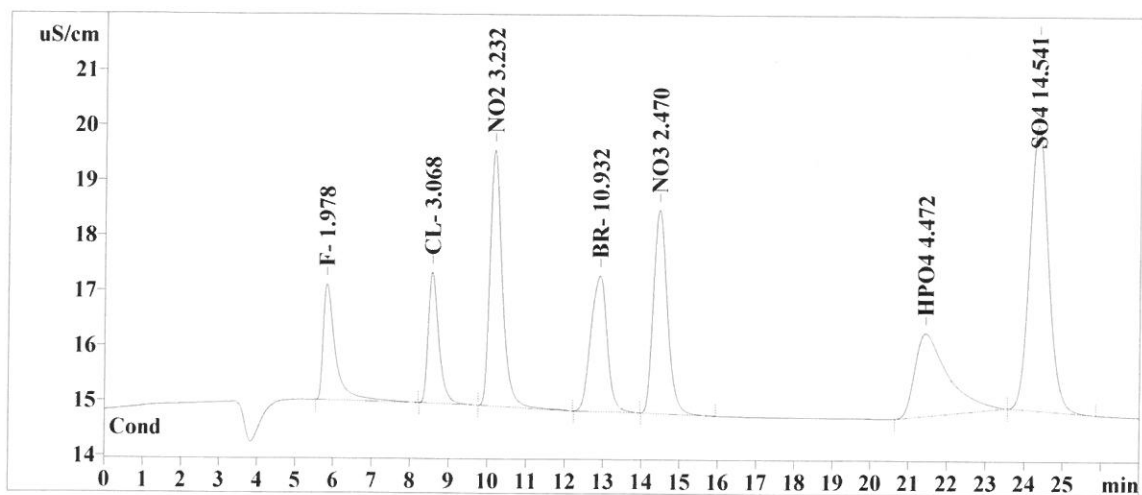
Ident: CCV
Analysis from: 5/5/2017 2:10:16 PM
File: _2017-05-05_

Last save: 5/5/2017 2:37:06 PM

Method: ANIONS 04-14-17.mtw
Run operator: wet
Analysis number: 57338

Last save: 5/5/2017 9:59:52 AM

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	5.82	0.309	2.10	9.56	48.228	7.63	0.
2	8.56	0.293	2.37	10.80	46.426	7.34	0.
3	10.16	0.325	4.64	21.14	102.480	16.21	0.
4	12.90	0.467	2.46	11.21	73.354	11.60	0.
5	14.44	0.391	3.70	16.82	94.881	15.01	0.
6	21.43	0.859	1.50	6.84	90.802	14.36	0.
7	24.33	0.515	5.19	23.63	176.131	27.86	0.
7	27.00	0.451	21.97	100.00	632.302	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/5/2017 4:24:49 PM
Printed by: wet

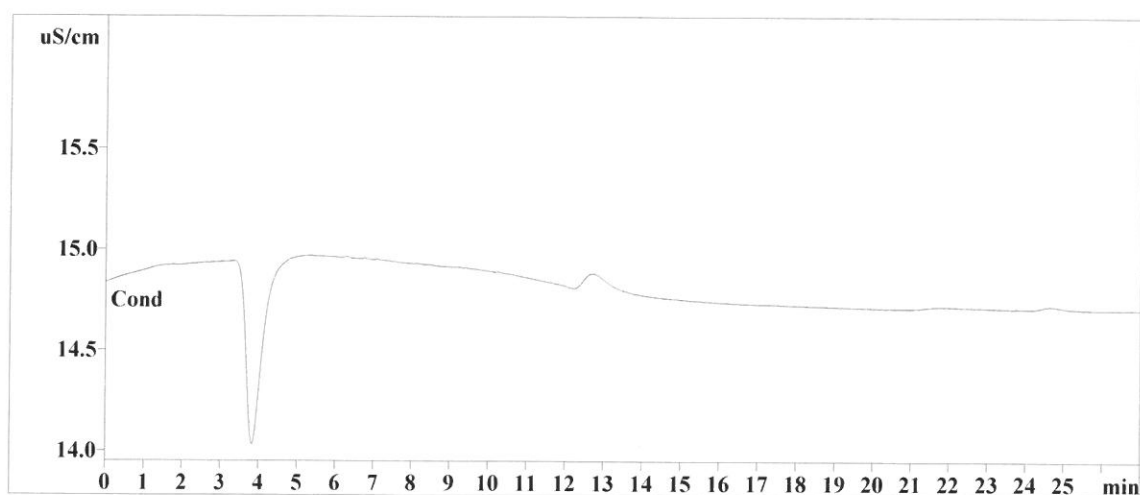
Ident: CCB
Analysis from: 5/5/2017 2:40:11 PM
File: _2017-05-05_

Last save: 5/5/2017 4:10:58 PM

Method: ANIONS 04-14-17.mtw
Run operator: wet
Analysis number: 57339

Last save: 5/4/2017 4:24:36 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: 5/8/2017 2:28:37 PM
Printed by: wet

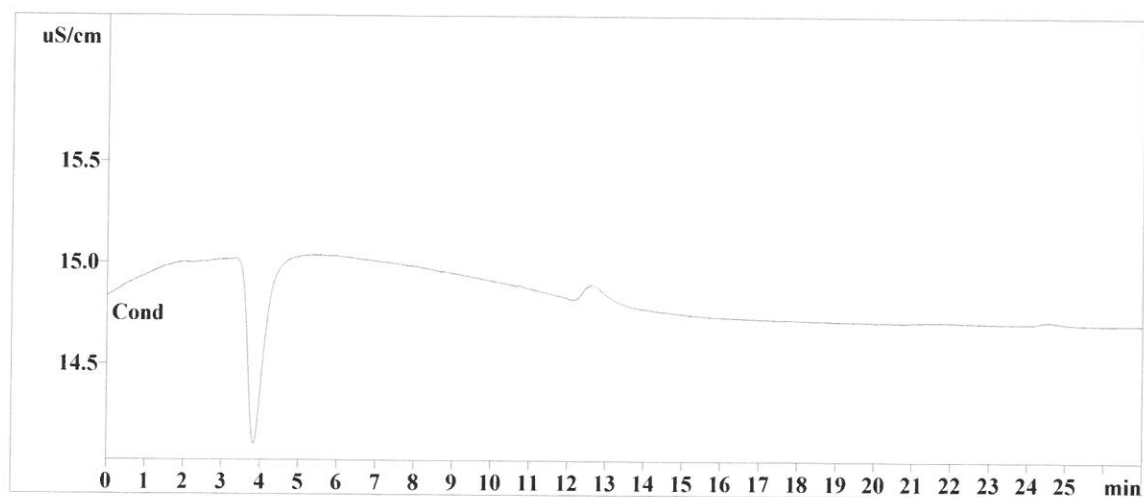
Ident: LB87285BLW
Analysis from: 5/5/2017 3:10:06 PM
File: _2017-05-05_

Last save: 5/5/2017 4:50:16 PM

Method: ANIONS 04-14-17.mtw
Run operator: wet
Analysis number: 57340

Last save: 5/4/2017 4:24:36 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: 5/8/2017 2:30:48 PM
Printed by: wet

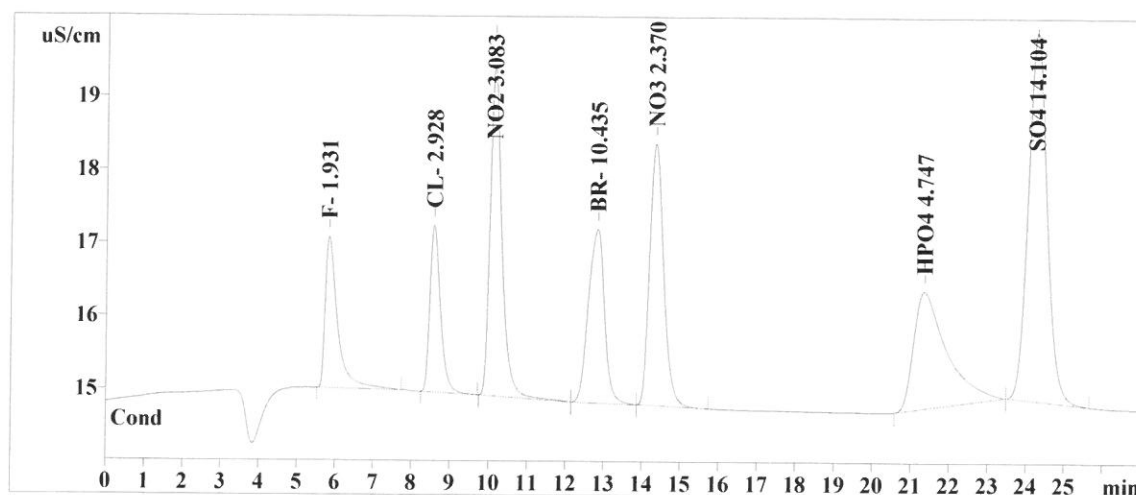
Ident: LB87285BSW
Analysis from: 5/5/2017 3:40:11 PM
File: _2017-05-05_

Last save: 5/5/2017 4:50:16 PM

Method: ANIONS 04-14-17.mtw
Run operator: wet
Analysis number: 57341

Last save: 5/4/2017 4:24:36 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	5.83	0.312	2.07	9.63	47.060	7.64	0.
2	8.56	0.292	2.28	10.62	44.247	7.18	0.
3	10.12	0.317	4.50	21.01	97.506	15.83	0.
4	12.82	0.464	2.37	11.07	69.889	11.34	0.
5	14.33	0.389	3.58	16.68	90.852	14.75	0.
6	21.34	0.851	1.60	7.48	95.994	15.58	0.
7	24.24	0.514	5.04	23.50	170.583	27.69	0.
7	27.00	0.448	21.43	99.99	616.131	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/8/2017 2:33:29 PM
Printed by: wet

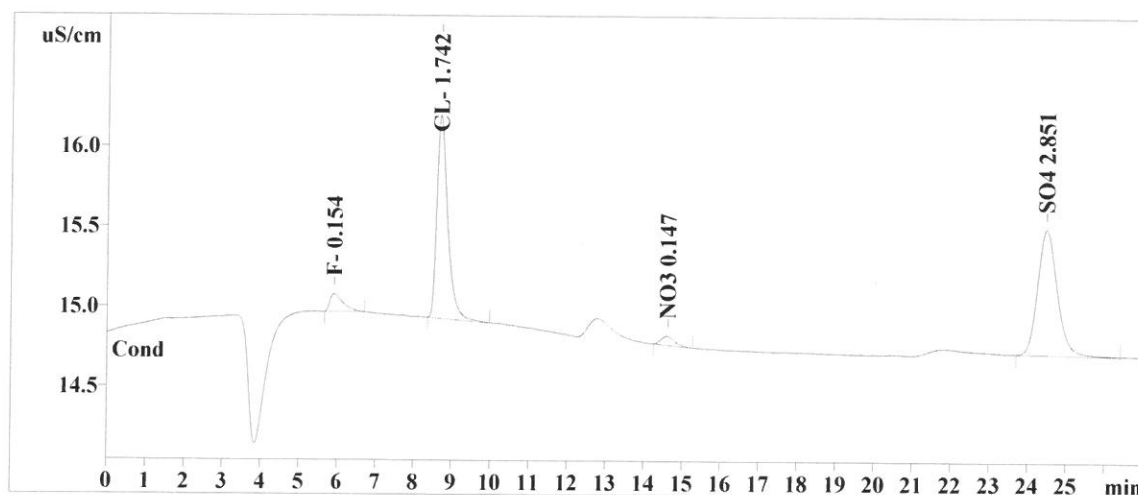
Ident: I3029-01
Analysis from: 5/5/2017 4:10:09 PM
File: _2017-05-05_

Last save: 5/5/2017 4:37:00 PM

Method: ANIONS 04-14-17.mtw
Run operator: wet
Analysis number: 57342

Last save: 5/5/2017 9:59:52 AM

SAMPLE:
: AK/AP
Vial number: 36
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	5.90	0.381	0.11	5.03	2.823	4.89	0.
2	8.68	0.302	1.27	57.11	25.795	44.67	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	14.60	0.392	0.06	2.53	1.414	2.45	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.47	0.530	0.78	35.23	27.720	48.00	0.
7	27.00	0.229	2.22	99.90	57.751	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/8/2017 2:34:03 PM
Printed by: wet

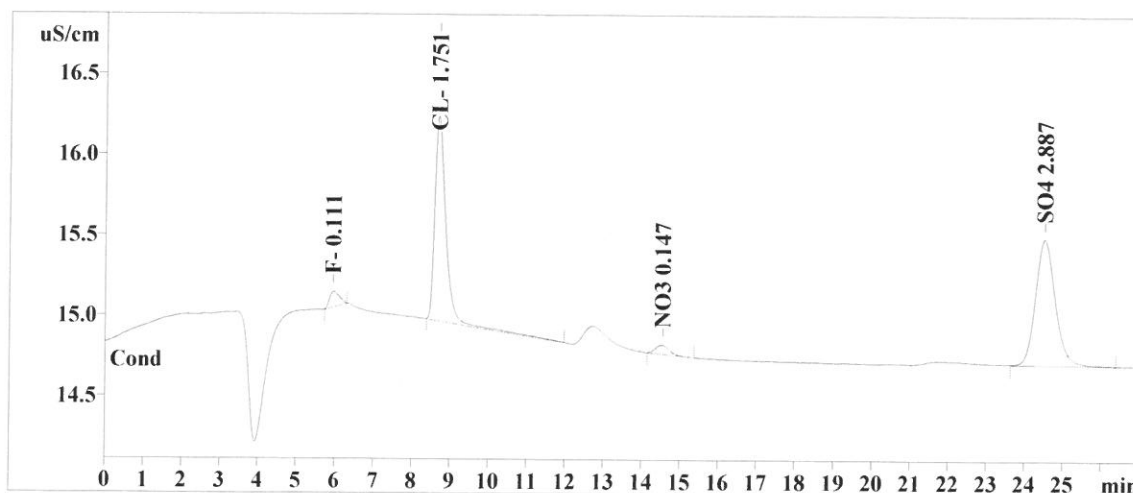
Ident: I3029-01DUP
Analysis from: 5/5/2017 4:40:10 PM
File: _2017-05-05_

Last save: 5/5/2017 5:08:30 PM

Method: ANIONS 04-14-17.mtw
Run operator: wet
Analysis number: 57343

Last save: 5/5/2017 9:59:52 AM

SAMPLE:
: AK/AP
Vial number: 37
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	5.96	0.304	0.10	4.37	1.753	3.06	0.
2	8.68	0.295	1.27	57.61	25.931	45.25	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	14.51	0.396	0.06	2.53	1.439	2.51	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.51	0.541	0.78	35.39	28.179	49.18	0.
7	27.00	0.219	2.20	99.90	57.302	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/8/2017 3:34:38 PM
Printed by: wet

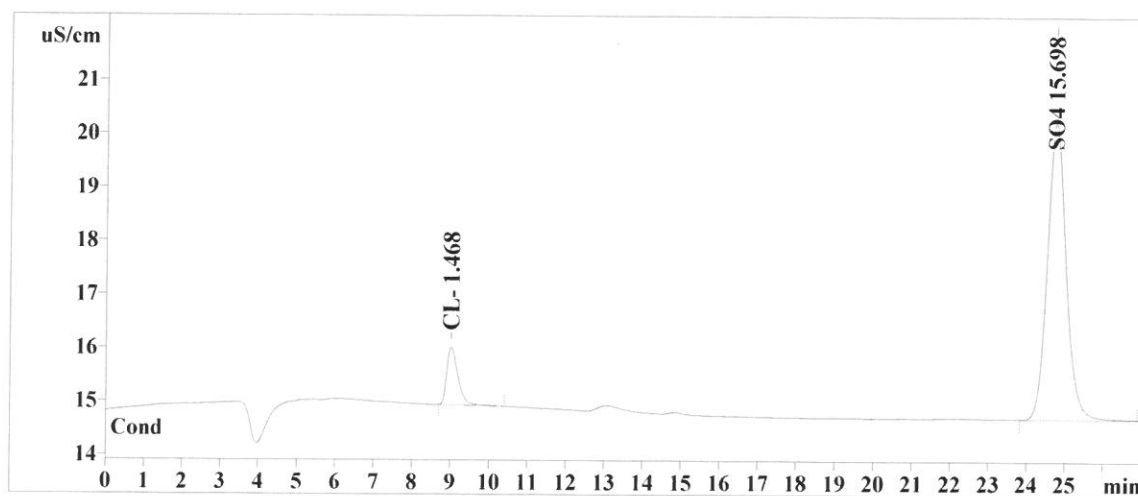
Ident: I3029-04
Analysis from: 5/5/2017 5:10:12 PM
File: _2017-05-05_

Last save: 5/8/2017 3:34:32 PM

Method: ANIONS 04-14-17.mtw
Run operator: wet
Analysis number: 57344

Last save: 4/26/2017 9:28:36 AM

SAMPLE:
: AK/AP
Vial number: 40
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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.01	0.295	1.07	16.19	21.527	10.14	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	24.74	0.516	5.54	83.80	190.817	89.86	0.
7	27.00	0.116	6.61	99.98	212.344	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/8/2017 3:35:05 PM
Printed by: wet

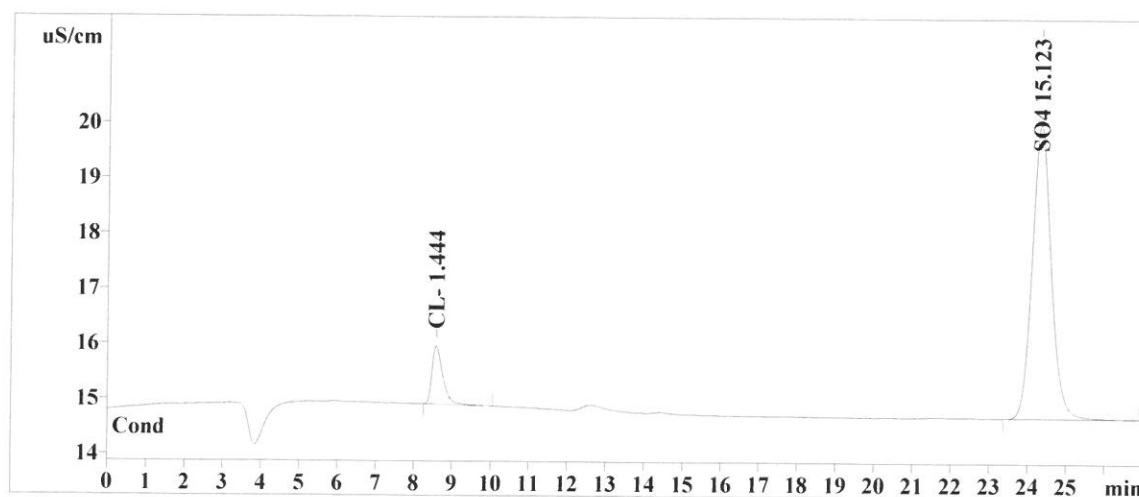
Ident: I3030-01
Analysis from: 5/5/2017 5:40:07 PM
File: _2017-05-05_

Last save: 5/8/2017 3:34:32 PM

Method: ANIONS 04-14-17.mtw
Run operator: wet
Analysis number: 57345

Last save: 4/26/2017 9:28:36 AM

SAMPLE:
: AK/AP
Vial number: 41
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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.57	0.297	1.05	16.48	21.154	10.34	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	24.31	0.516	5.32	83.51	183.510	89.66	0.
7	27.00	0.116	6.37	99.99	204.664	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/8/2017 2:35:41 PM
Printed by: wet

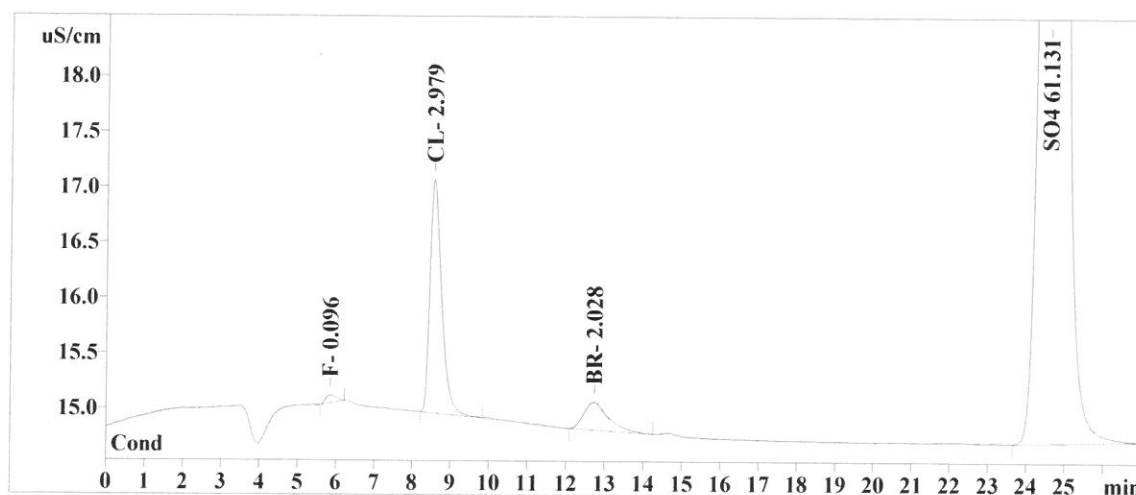
Ident: I3030-02
Analysis from: 5/5/2017 6:10:02 PM
File: _2017-05-05_

Last save: 5/5/2017 6:36:52 PM

Method: ANIONS 04-14-17.mtw
Run operator: wet
Analysis number: 57346

Last save: 5/5/2017 9:59:52 AM

SAMPLE:
: AK/AP
Vial number: 42
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	5.84	0.317	0.07	0.28	1.392	0.17	0.
2	8.55	0.322	2.10	8.16	45.045	5.46	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	12.72	0.656	0.25	0.98	11.349	1.38	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	24.59	0.497	23.34	90.57	767.574	93.00	0.
7	27.00	0.256	25.77	100.00	825.359	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/8/2017 3:36:09 PM
Printed by: wet

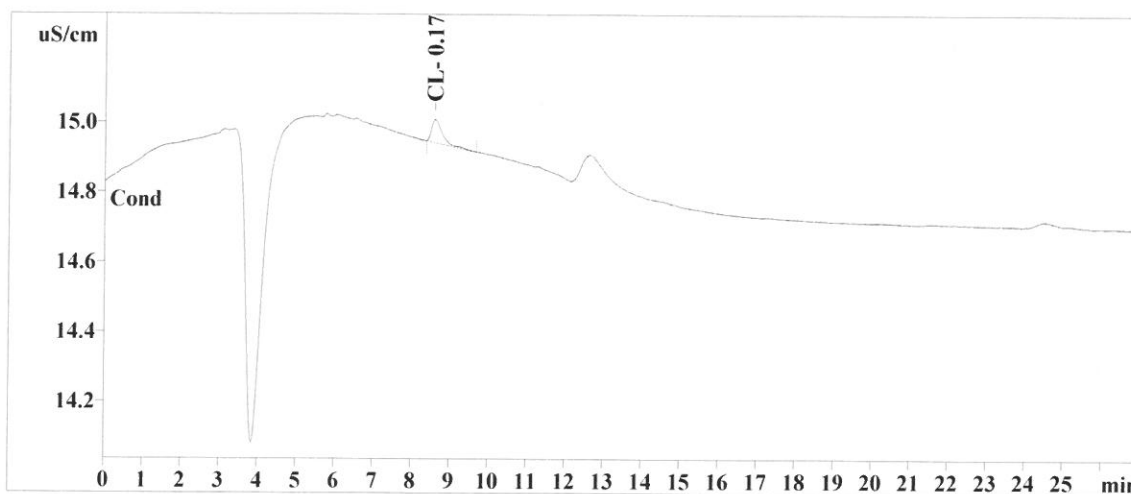
Ident: I3030-03
Analysis from: 5/5/2017 6:39:57 PM
File: _2017-05-05_

Last save: 5/8/2017 3:36:10 PM

Method: ANIONS 04-14-17.mtw
Run operator: wet
Analysis number: 57347

Last save: 4/26/2017 9:28:36 AM

SAMPLE:
: AK/AP
Vial number: 43
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	8.59	0.283	0.07	99.35	1.342	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	27.00	0.040	0.07	99.35	1.342	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/8/2017 2:40:00 PM
Printed by: wet

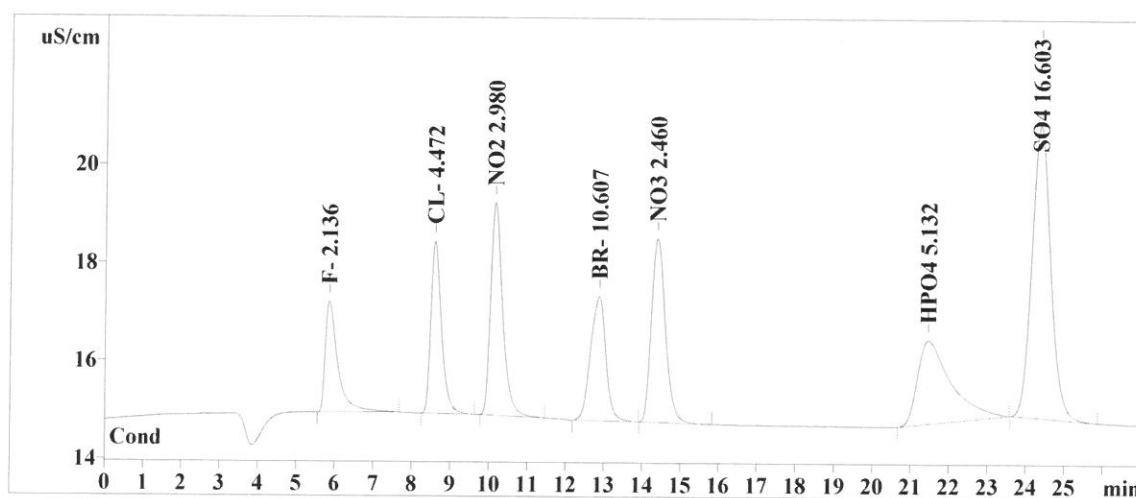
Ident: I3029-02MS
Analysis from: 5/5/2017 7:09:53 PM
File: _2017-05-05_

Last save: 5/5/2017 7:36:44 PM

Method: ANIONS 04-14-17.mtw
Run operator: wet
Analysis number: 57348

Last save: 5/5/2017 9:59:52 AM

SAMPLE:
: AK/AP
Vial number: 38
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	5.85	0.322	2.25	9.36	52.165	7.61	0.
2	8.58	0.293	3.51	14.58	68.283	9.96	0.
3	10.14	0.322	4.33	18.02	94.048	13.72	0.
4	12.86	0.438	2.53	10.54	71.088	10.37	0.
5	14.38	0.384	3.74	15.57	94.479	13.78	0.
6	21.45	0.864	1.70	7.08	103.259	15.06	0.
7	24.35	0.514	5.97	24.84	202.307	29.51	0.
7	27.00	0.448	24.04	99.99	685.630	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/8/2017 2:41:37 PM
Printed by: wet

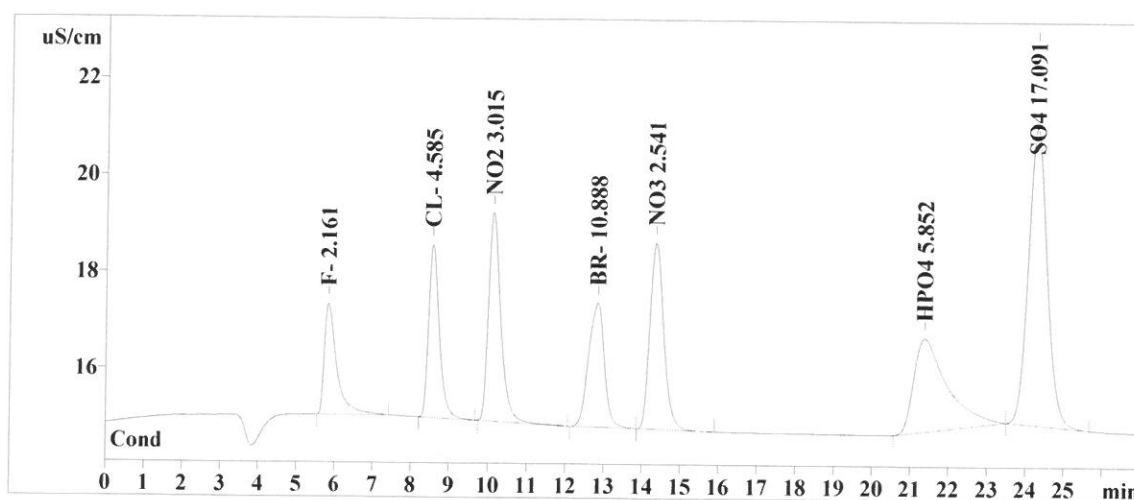
Ident: I3029-03MSD
Analysis from: 5/5/2017 7:39:49 PM
File: _2017-05-05_

Last save: 5/5/2017 8:06:38 PM

Method: ANIONS 04-14-17.mtw
Run operator: wet
Analysis number: 57349

Last save: 5/5/2017 9:59:52 AM

SAMPLE:
: AK/AP
Vial number: 39
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	5.82	0.322	2.29	9.29	52.777	7.39	0.
2	8.55	0.294	3.58	14.50	70.043	9.81	0.
3	10.11	0.325	4.31	17.48	95.208	13.33	0.
4	12.82	0.445	2.56	10.40	73.045	10.23	0.
5	14.35	0.388	3.85	15.61	97.762	13.69	0.
6	21.36	0.862	1.93	7.81	116.818	16.36	0.
7	24.26	0.515	6.15	24.92	208.501	29.20	0.
7	27.00	0.450	24.66	99.99	714.153	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/8/2017 2:45:39 PM
Printed by: wet

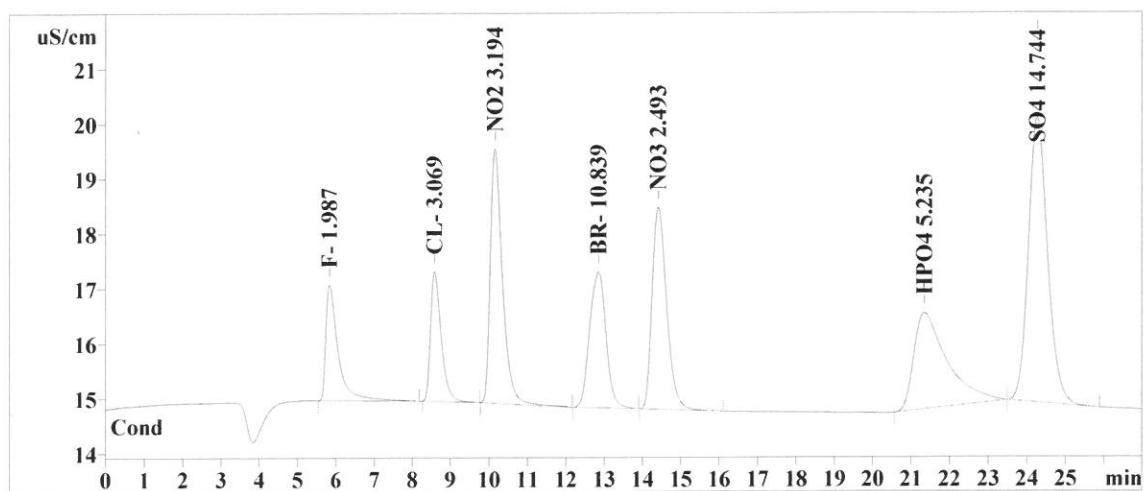
Ident: CCV
Analysis from: 5/5/2017 8:39:41 PM
File: _2017-05-05_

Last save: 5/5/2017 9:06:32 PM

Method: ANIONS 04-14-17.mtw
Run operator: wet
Analysis number: 57351

Last save: 5/5/2017 9:59:52 AM

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	5.83	0.313	2.10	9.46	48.452	7.47	0.
2	8.59	0.295	2.36	10.63	46.446	7.16	0.
3	10.16	0.321	4.63	20.86	101.231	15.61	0.
4	12.85	0.461	2.47	11.14	72.703	11.21	0.
5	14.41	0.398	3.67	16.56	95.803	14.77	0.
6	21.35	0.849	1.76	7.93	105.195	16.22	0.
7	24.27	0.522	5.19	23.41	178.708	27.56	0.
7	27.00	0.451	22.17	99.99	648.537	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/8/2017 2:46:12 PM
Printed by: wet

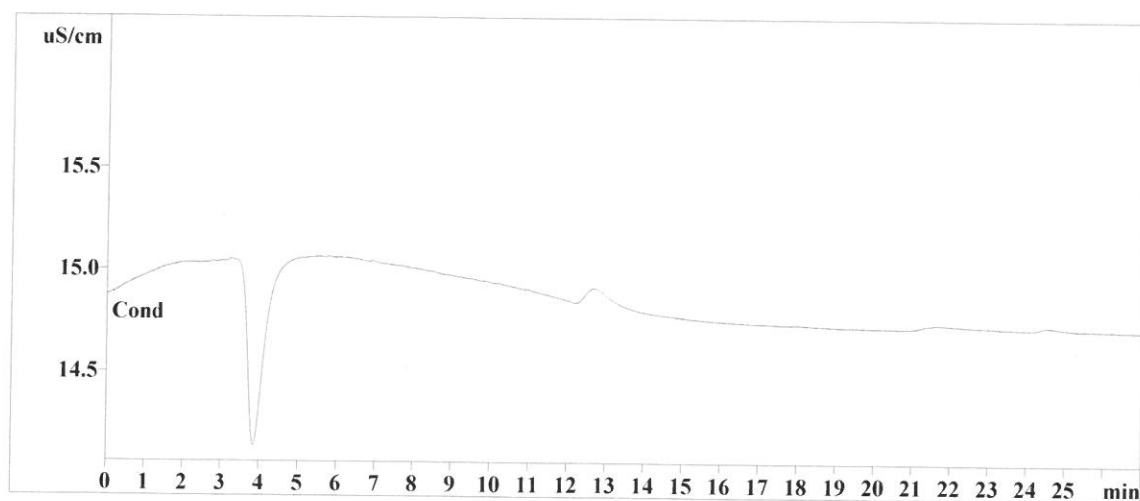
Ident: CCB
Analysis from: 5/5/2017 9:09:37 PM
File: _2017-05-05_

Last save: 5/5/2017 9:36:26 PM

Method: ANIONS 04-14-17.mtw
Run operator: wet
Analysis number: 57352

Last save: 5/5/2017 9:59:52 AM

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: 5/8/2017 2:51:43 PM
Printed by: wet

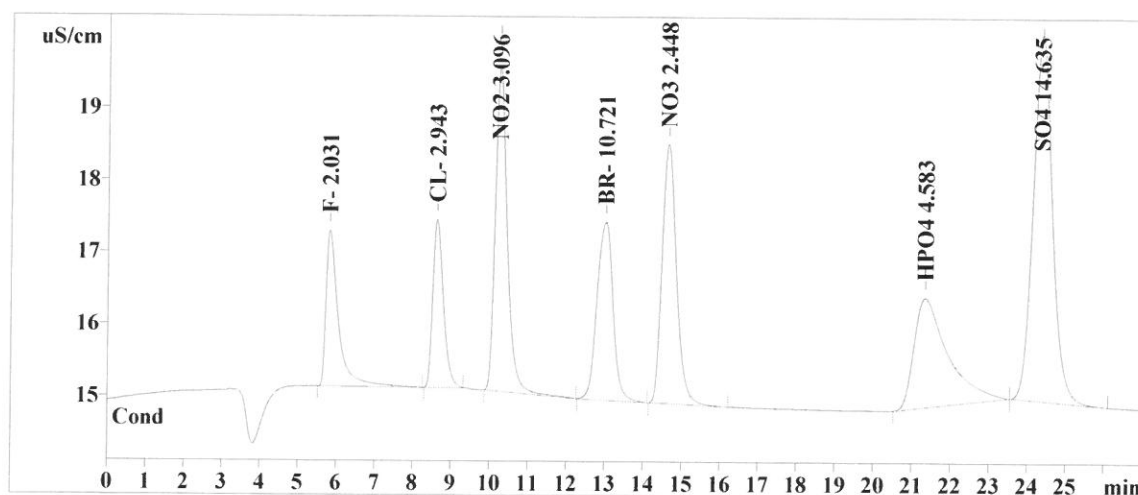
Ident: CCV
Analysis from: 5/8/2017 10:48:04 AM
File: _2017-05-08_

Last save: 5/8/2017 11:14:54 AM

Method: ANIONS 04-14-17.mtw
Run operator: wet
Analysis number: 57355

Last save: 5/5/2017 9:59:52 AM

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	5.81	0.308	2.16	9.97	49.557	7.89	0.
2	8.62	0.291	2.33	10.74	44.485	7.08	0.
3	10.23	0.319	4.51	20.81	97.919	15.59	0.
4	13.01	0.452	2.47	11.41	71.882	11.44	0.
5	14.62	0.398	3.59	16.60	94.006	14.97	0.
6	21.33	0.861	1.52	7.02	92.904	14.79	0.
7	24.35	0.527	5.08	23.45	177.315	28.23	0.
7	27.00	0.451	21.66	99.99	628.067	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/8/2017 2:52:10 PM
Printed by: wet

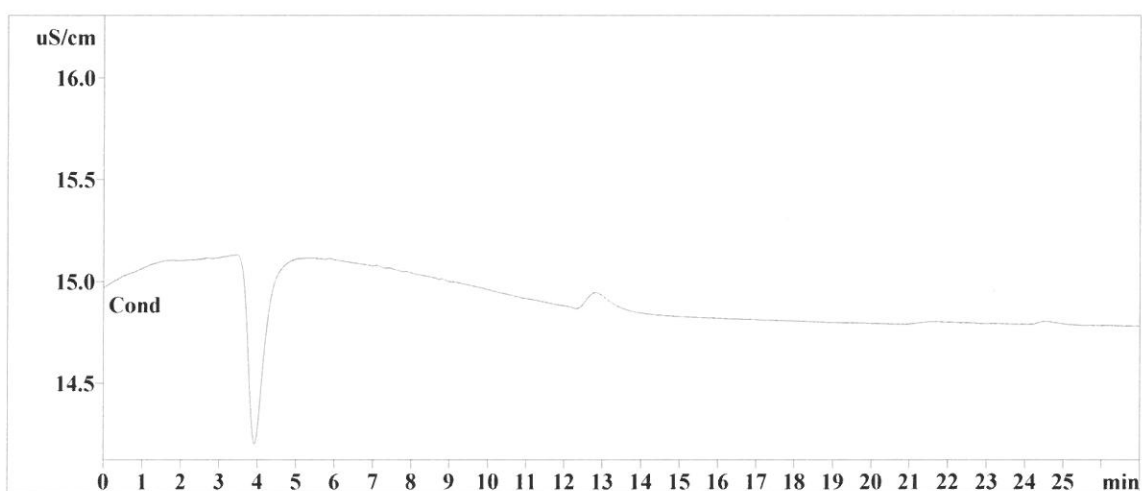
Ident: CCB
Analysis from: 5/8/2017 11:17:59 AM
File: _2017-05-08_

Last save: 5/8/2017 11:44:48 AM

Method: ANIONS 04-14-17.mtw
Run operator: wet
Analysis number: 57356

Last save: 5/5/2017 9:59:52 AM

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: 5/8/2017 3:05:24 PM
Printed by: wet

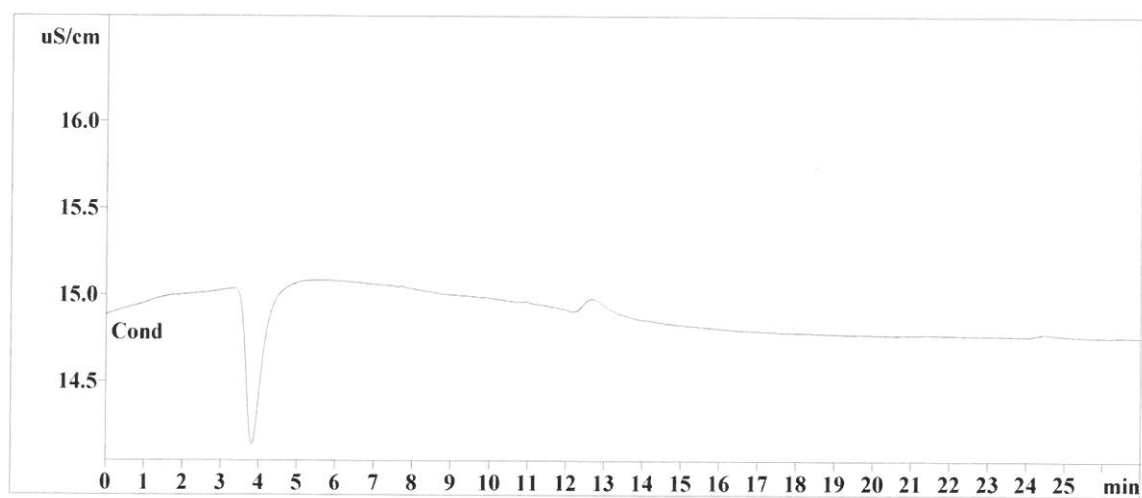
Ident: LB87285BLW2
Analysis from: 5/8/2017 11:47:54 AM
File: _2017-05-08_

Last save: 5/8/2017 3:05:20 PM

Method: ANIONS 04-14-17.mtw
Run operator: wet
Analysis number: 57357

Last save: 5/5/2017 9:59:52 AM

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



Quantitation method: Custom

No peaks

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METROHM LTD

Report date: 5/8/2017 3:06:11 PM
Printed by: wet

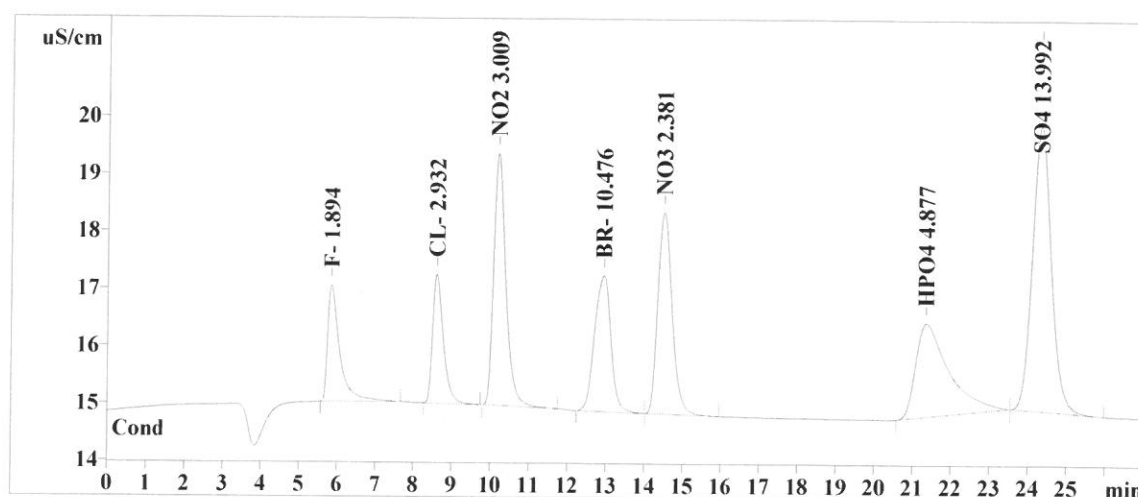
Ident: LB87285BSW2
Analysis from: 5/8/2017 12:17:49 PM
File: _2017-05-08_

Last save: 5/8/2017 12:44:38 PM

Method: ANIONS 04-14-17.mtw
Run operator: wet
Analysis number: 57358

Last save: 5/5/2017 9:59:52 AM

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	5.83	0.314	2.02	9.57	46.132	7.51	0.
2	8.60	0.296	2.24	10.62	44.321	7.21	0.
3	10.18	0.320	4.39	20.77	95.008	15.46	0.
4	12.93	0.463	2.37	11.22	70.174	11.42	0.
5	14.49	0.396	3.52	16.63	91.289	14.86	0.
6	21.35	0.856	1.63	7.70	98.453	16.02	0.
7	24.31	0.515	4.96	23.48	169.152	27.53	0.
7	27.00	0.452	21.14	99.99	614.529	100.00	0.

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Report date: 5/8/2017 3:36:56 PM
Printed by: wet

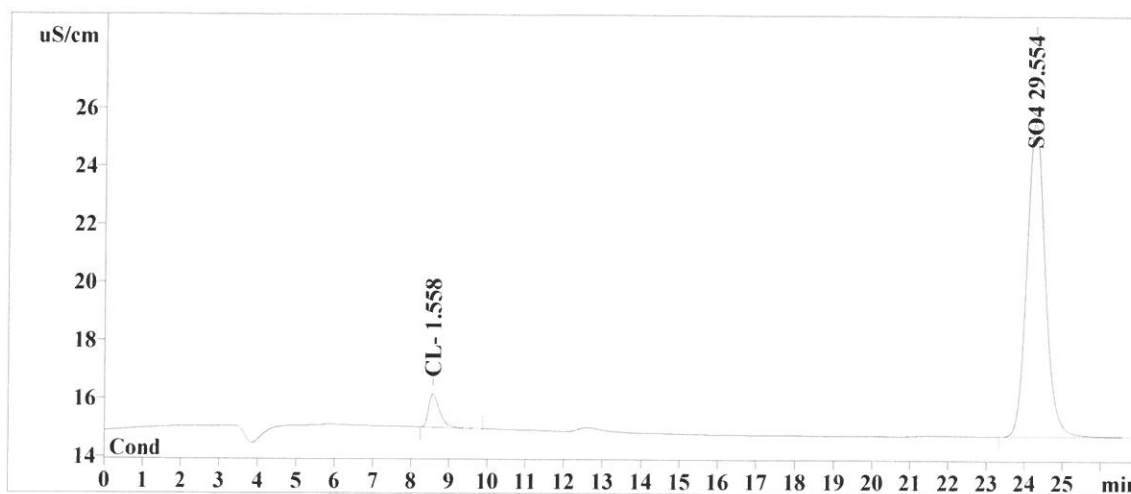
Ident: I3030-02DLX2
Analysis from: 5/8/2017 12:47:44 PM
File: _2017-05-08_

Last save: 5/8/2017 3:34:32 PM

Method: ANIONS 04-14-17.mtw
Run operator: wet
Analysis number: 57359

Last save: 4/26/2017 9:28:36 AM

SAMPLE:
: AK/AP
Vial number: 44
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	8.57	0.303	1.14	9.48	22.925	5.88	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	24.25	0.507	10.85	90.53	366.713	94.12	0.
7	27.00	0.116	11.98	100.00	389.638	100.00	0.

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Report date: 5/8/2017 3:09:10 PM
Printed by: wet

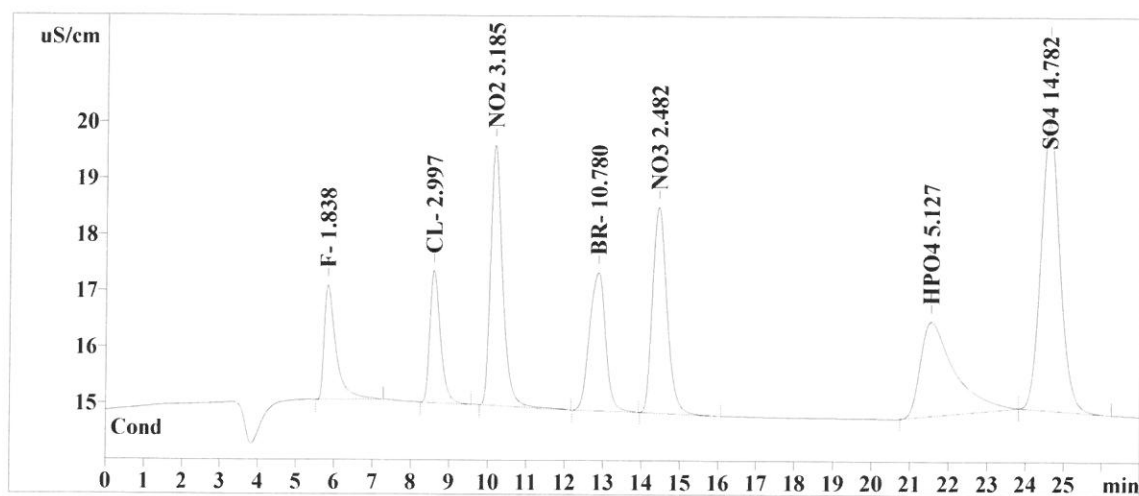
Ident: CCV
Analysis from: 5/8/2017 1:17:39 PM
File: _2017-05-08_

Last save: 5/8/2017 1:44:28 PM

Method: ANIONS 04-14-17.mtw
Run operator: wet
Analysis number: 57360

Last save: 5/5/2017 9:59:52 AM

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	5.82	0.310	2.03	9.26	44.749	6.98	0.
2	8.59	0.291	2.35	10.71	45.333	7.07	0.
3	10.16	0.321	4.63	21.10	100.912	15.74	0.
4	12.86	0.460	2.46	11.22	72.290	11.28	0.
5	14.43	0.398	3.66	16.68	95.385	14.88	0.
6	21.54	0.861	1.68	7.67	103.149	16.09	0.
7	24.60	0.529	5.12	23.35	179.191	27.95	0.
7	27.00	0.453	21.92	99.98	641.010	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/8/2017 3:09:38 PM
Printed by: wet

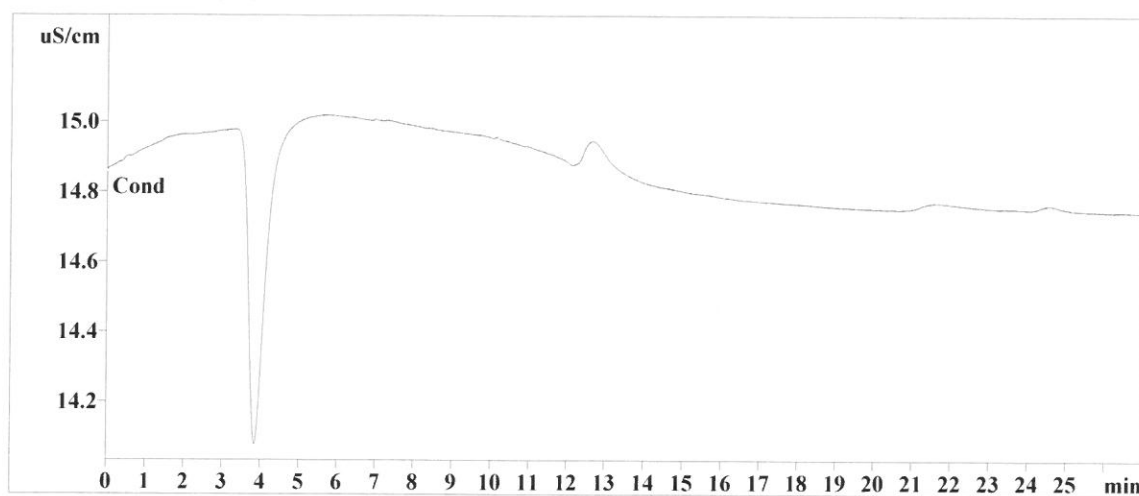
Ident: CCB
Analysis from: 5/8/2017 1:47:34 PM
File: _2017-05-08_

Last save: 5/8/2017 3:09:38 PM

Method: ANIONS 04-14-17.mtw
Run operator: wet
Analysis number: 57361

Last save: 5/5/2017 9:59:52 AM

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



Quantitation method: Custom

No peaks

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