

JK-2

M300-0

10/2/17-AR

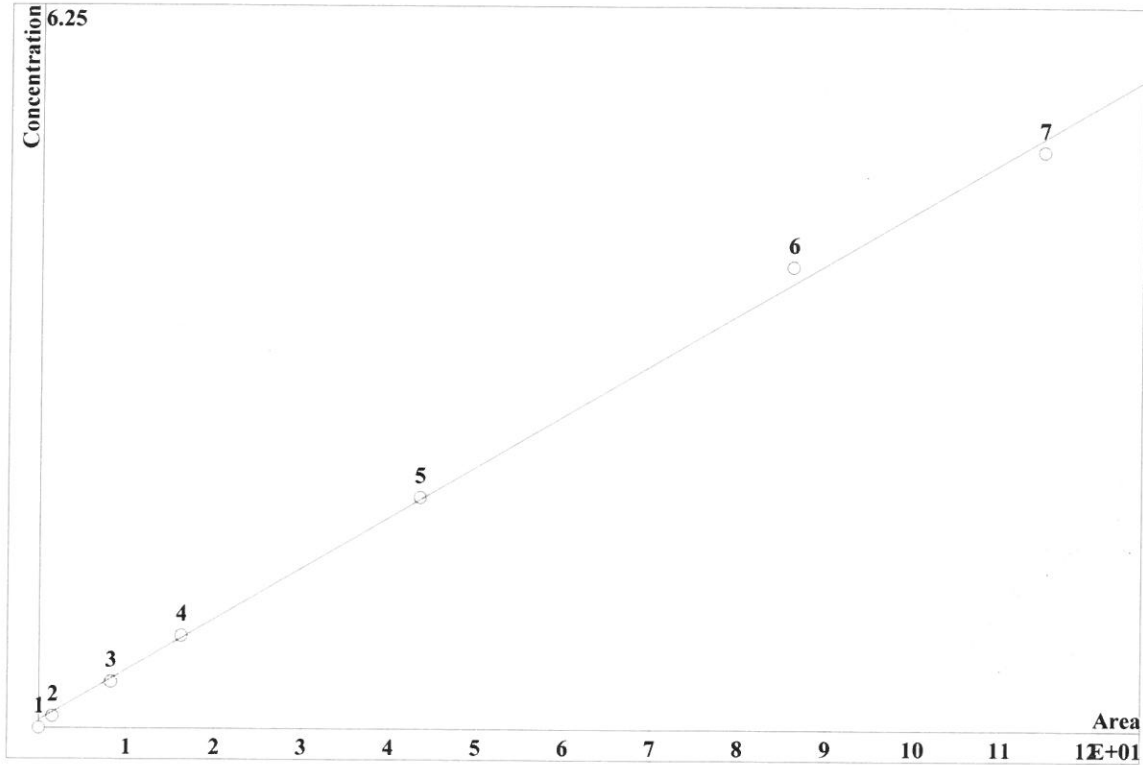
Clear table

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	_2017-09-18_	9/18/17 11:14
STD2	0.1400	0.2300	0.2670	0.8860	0.2300	-0.0150	1.4070	_2017-09-18_	9/18/17 11:43
STD3	0.4340	0.6550	0.6670	2.2590	0.5620	1.5520	3.2660	_2017-09-18_	9/18/17 12:12
STD4	0.7900	1.1620	1.1920	4.0390	0.9720	3.4220	5.6960	_2017-09-18_	9/18/17 12:41
STD5	2.0010	3.0010	2.9470	9.8370	2.3700	6.2830	14.3960	_2017-09-18_	9/18/17 13:10
STD6	3.9040	5.9100	5.8430	19.5270	4.8540	12.1460	28.5870	_2017-09-18_	9/18/17 13:39
STD7	5.1160	7.5820	7.6010	25.2570	6.3140	12.8120	38.2920	_2017-09-18_	9/18/17 14:08
ICV	1.9640	2.8510	2.8810	9.9890	2.4840	4.8410	14.3260	_2017-09-18_	9/18/17 15:34
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2017-09-18_	9/18/17 16:03
CCV	1.9940	2.8470	2.8520	9.7330	2.3670	4.5480	13.9710	_2017-09-28_	9/28/17 14:34
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2017-09-28_	9/28/17 15:04
LB90422BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2017-09-28_	9/28/17 15:34
LB90422BSW	1.9720	2.8840	2.8760	9.6400	2.3630	4.9490	14.4530	_2017-09-28_	9/28/17 16:04
I5526-01	0.7140	117.5880	0.0000	2.9410	0.0000	1.6670	110.6850	_2017-09-28_	9/28/17 18:37
I5526-01DUP	0.7110	117.2570	0.0000	2.9540	0.0000	1.6320	109.0190	_2017-09-28_	9/28/17 19:07
I5526-01MS	3.2910	109.0580	2.7310	12.6520	2.5160	6.9620	116.7210	_2017-09-28_	9/28/17 19:37
I5526-02	0.0000	1084.2290	0.0000	10.7340	0.0000	4.0400	640.1190	_2017-09-28_	9/28/17 20:07
I5526-03	0.3740	1394.3480	0.0000	10.0460	0.0000	2.6950	1125.4200	_2017-09-28_	9/28/17 20:37
I5526-04	2.3810	398.4600	0.0000	0.0000	0.0000	1.6130	342.3350	_2017-09-28_	9/28/17 21:07
CCV	4.0420	2.8660	2.8850	9.7620	2.3790	3.8210	14.4670	_2017-09-28_	9/28/17 21:37
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2017-09-28_	9/28/17 22:07
I5526-01DLX10	0.0000	9.2750	0.0000	0.0000	0.0000	0.0000	9.6460	_2017-09-28_	9/28/17 22:37
I5526-04DLX10	0.0000	31.7420	0.0000	0.0000	0.0000	0.0000	26.5940	_2017-09-29_	9/29/17 0:06
CCV	2.3340	2.8640	2.8890	9.6750	2.3640	4.3310	14.3540	_2017-09-29_	9/29/17 0:36
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2017-09-29_	9/29/17 1:06
CCV	2.0530	2.8260	2.8510	9.7150	2.3940	4.8010	14.0510	_2017-09-29_	9/29/17 9:11
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2017-09-29_	9/29/17 9:41
I5526-02DLX20	0.0000	41.9240	0.0000	0.0000	0.0000	0.0000	23.9980	_2017-09-29_	9/29/17 10:11
I5526-03DLX50	0.0000	20.2720	0.0000	0.0000	0.0000	0.0000	16.4300	_2017-09-29_	9/29/17 10:41
CCV	1.7470	2.8580	2.8470	9.6320	2.3520	4.9370	14.1580	_2017-09-29_	9/29/17 11:11
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2017-09-29_	9/29/17 11:41

IC-1 9-18-17
AK

CALIBRATION OF COMPONENT F-

Method: ANIONS 09-18-17.mtw
Equation: $Q = 0.880227 \cdot A + 1.34751$
RSD: 4.737 %
Correlation coefficient: 0.999084

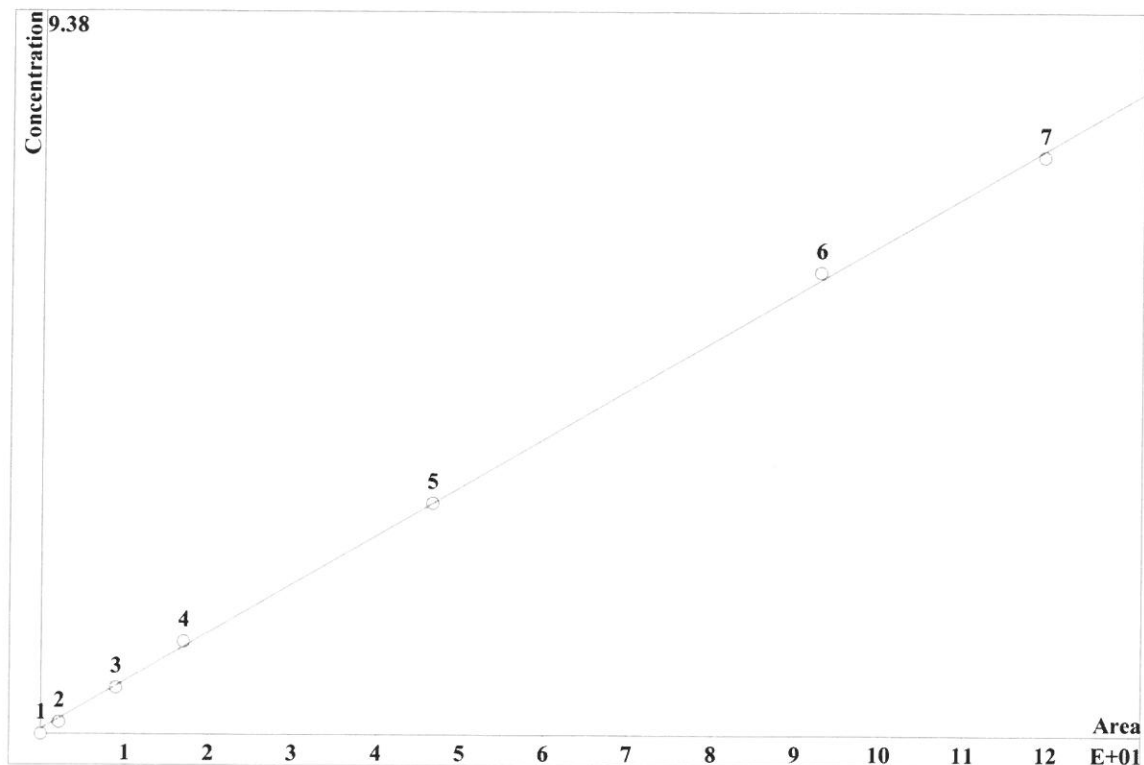


K3 = 0 K2 = 0 K1 = 0.880227 K0 = 1.34751
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.06841	1.579	0.1	20	5.813	Yes	
3	0.3113	8.211	0.4	20	5.813	Yes	
4	0.6668	16.23	0.8	20	5.813	Yes	
5	1.903	43.52	2	20	5.813	Yes	
6	3.946	86.03	4	20	5.813	Yes	
7	5.194	114.7	5	20	5.813	Yes	

CALIBRATION OF COMPONENT CL-

Method: ANIONS 09-18-17.mtw
 Equation: $Q = 1.25786 \cdot A + 1.32191$
 RSD: 2.527 %
 Correlation coefficient: 0.999739

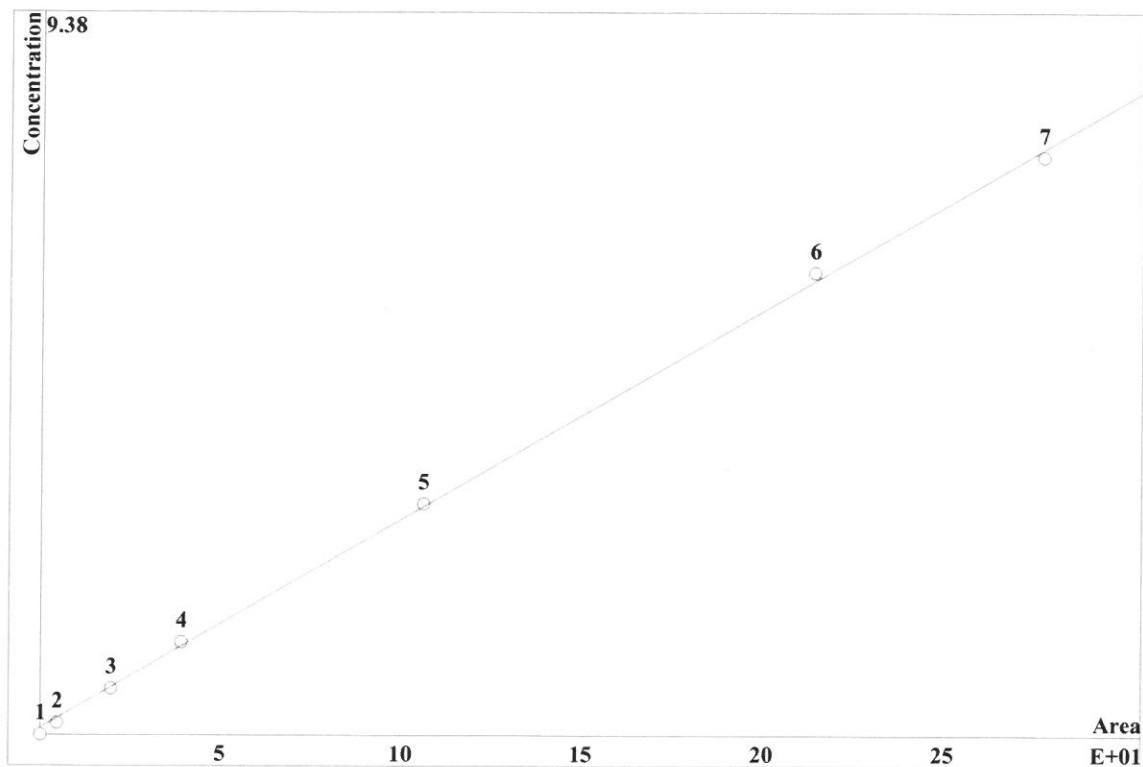


K3 = 0 K2 = 0 K1 = 1.25786 K0 = 1.32191
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.1078	2.202	0.15	20	8.549	Yes	
3	0.4298	8.932	0.6	20	8.549	Yes	
4	0.8256	16.98	1.2	20	8.549	Yes	
5	2.204	46.62	3	20	8.549	Yes	
6	4.49	92.82	6	20	8.549	Yes	
7	5.818	119.5	7.5	20	8.549	Yes	

CALIBRATION OF COMPONENT NO2

Method: ANIONS 09-18-17.mtw
 Equation: $Q = 0.541087 \cdot A + 1.82619$
 RSD: 2.840 %
 Correlation coefficient: 0.999671

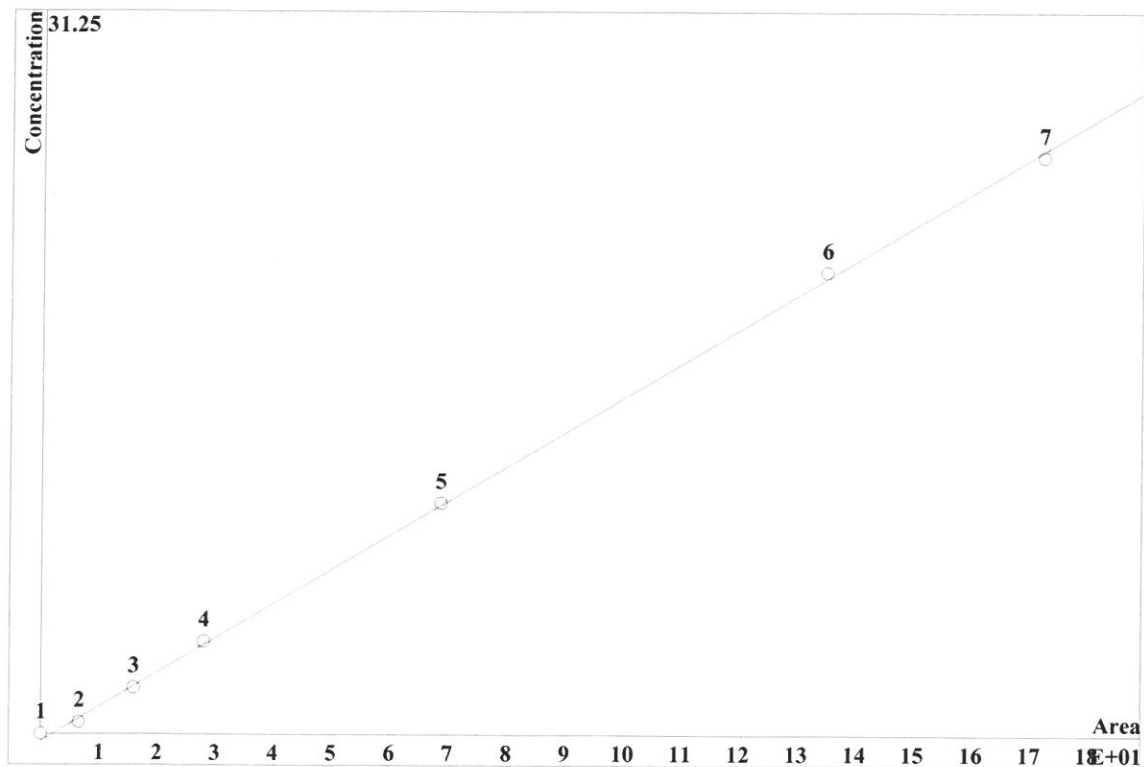


K3 = 0 K2 = 0 K1 = 0.541087 K0 = 1.82619
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.2064	4.691	0.15	20	10.12	Yes	
3	0.8557	19.62	0.6	20	10.12	Yes	
4	1.717	39.22	1.2	20	10.12	Yes	
5	4.638	106.2	3	20	10.12	Yes	
6	9.503	214.4	6	20	10.12	Yes	
7	12.35	277.6	7.5	20	10.12	Yes	

CALIBRATION OF COMPONENT BR-

Method: ANIONS 09-18-17.mtw
 Equation: $Q = 2.97146 \cdot A - 6.10153$
 RSD: 2.170 %
 Correlation coefficient: 0.999808

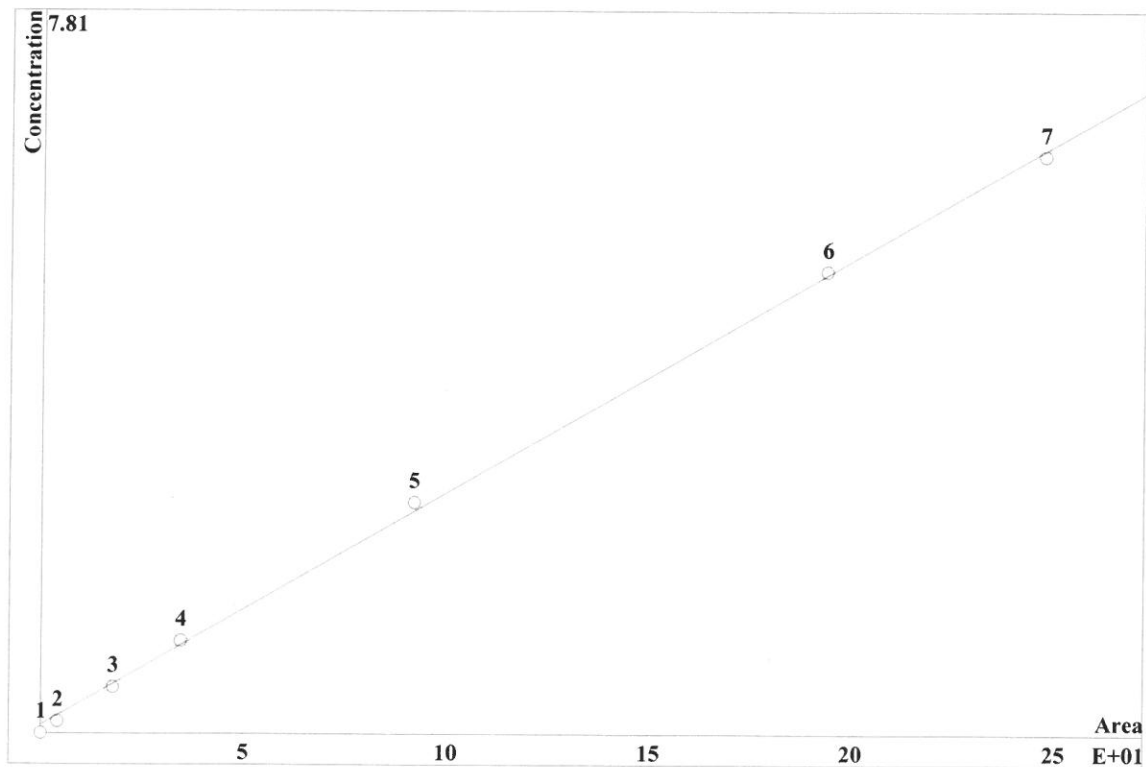


K3 = 0 K2 = 0 K1 = 2.97146 K0 = -6.10153
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.1756	6.574	0.5	20	12.77	Yes	
3	0.4627	15.94	2	20	12.77	Yes	
4	0.8151	28.1	4	20	12.77	Yes	
5	1.897	68.74	10	20	12.77	Yes	
6	3.405	134.9	20	20	12.77	Yes	
7	4.147	172.1	25	20	12.77	Yes	

CALIBRATION OF COMPONENT NO3

Method: ANIONS 09-18-17.mtw
 Equation: $Q = 0.503233 \cdot A + 1.80511$
 RSD: 2.906 %
 Correlation coefficient: 0.999655



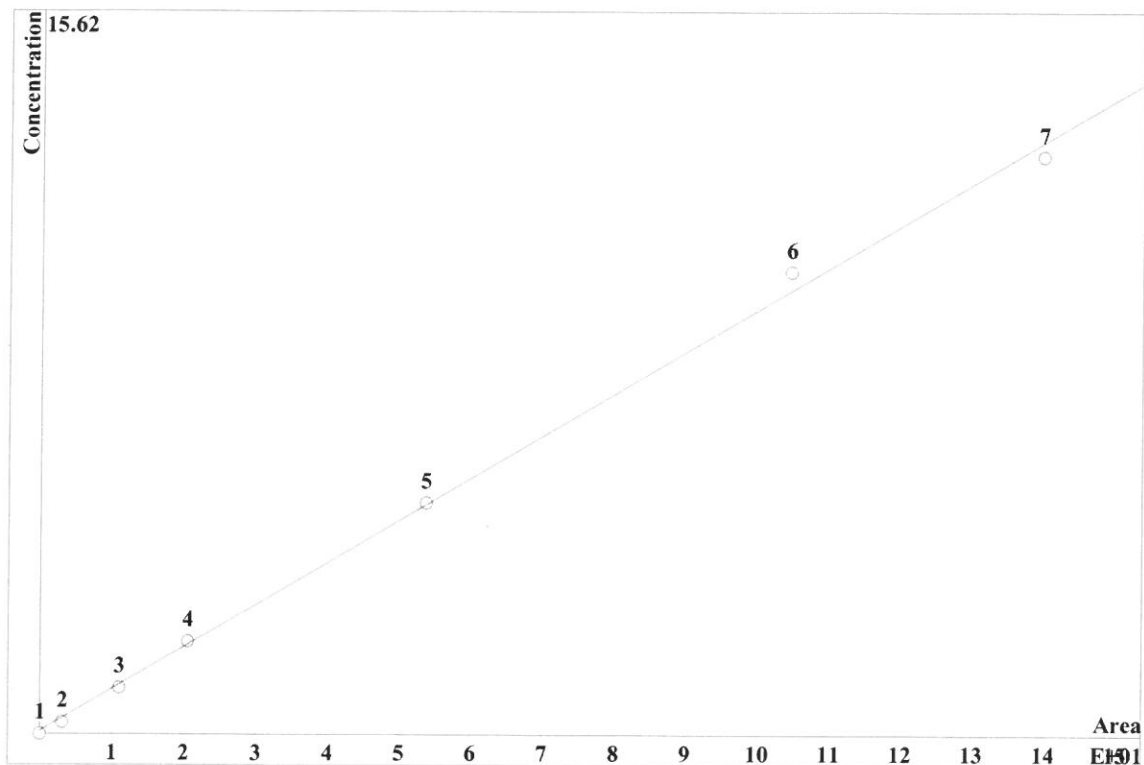
K3 = 0 K2 = 0 K1 = 0.503233 K0 = 1.80511

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	0.1469	4.165	0.125	20	14.38	Yes	
3	0.6036	17.75	0.5	20	14.38	Yes	
4	1.192	34.47	1	20	14.38	Yes	
5	3.187	92.04	2.5	20	14.38	Yes	
6	6.528	193.8	5	20	14.38	Yes	
7	8.504	247.4	6.25	20	14.38	Yes	

CALIBRATION OF COMPONENT HPO4

Method: ANIONS 09-18-17.mtw
 Equation: $Q = 1.82468 \cdot A + 1.29701$
 RSD: 5.131 %
 Correlation coefficient: 0.998925



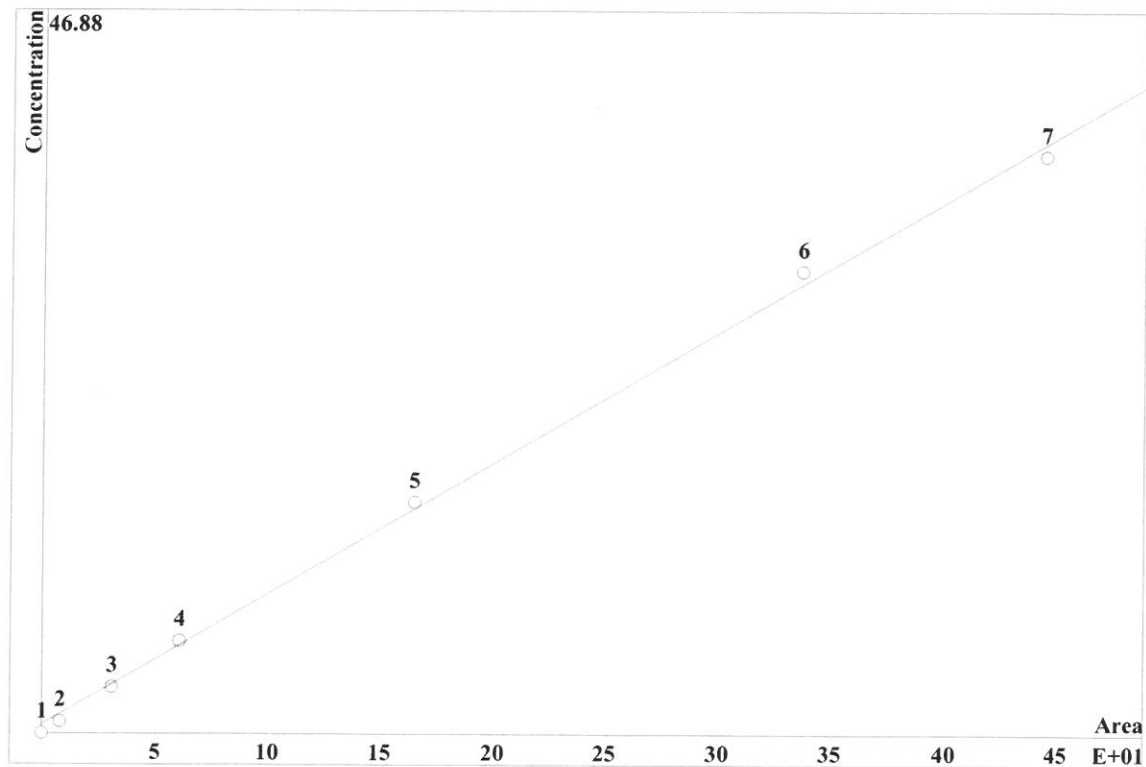
K3 = 0 K2 = 0 K1 = 1.82468 K0 = 1.29701

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	0.0485	3.152	0.25	20	21.58	Yes	
3	0.1779	11.1	1	20	21.58	Yes	
4	0.3349	20.58	2	20	21.58	Yes	
5	0.8842	53.71	5	20	21.58	Yes	
6	1.831	104.5	10	20	21.58	Yes	
7	2.412	139.7	12.5	20	21.58	Yes	

CALIBRATION OF COMPONENT SO4

Method: ANIONS 09-18-17.mtw
 Equation: $Q = 1.69708 \cdot A + 11.5137$
 RSD: 4.420 %
 Correlation coefficient: 0.999202



K3 = 0 K2 = 0 K1 = 1.69708 K0 = 11.5137

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	0.1778	8.05	0.75	20	24.1		Yes
3	0.6998	30.92	3	20	24.1		Yes
4	1.385	60.83	6	20	24.1		Yes
5	3.762	165.1	15	20	24.1		Yes
6	7.815	337	30	20	24.1		Yes
7	10.33	444.5	37.5	20	24.1		Yes

Report date: 9/18/2017 5:33:49 PM
Printed by: wet

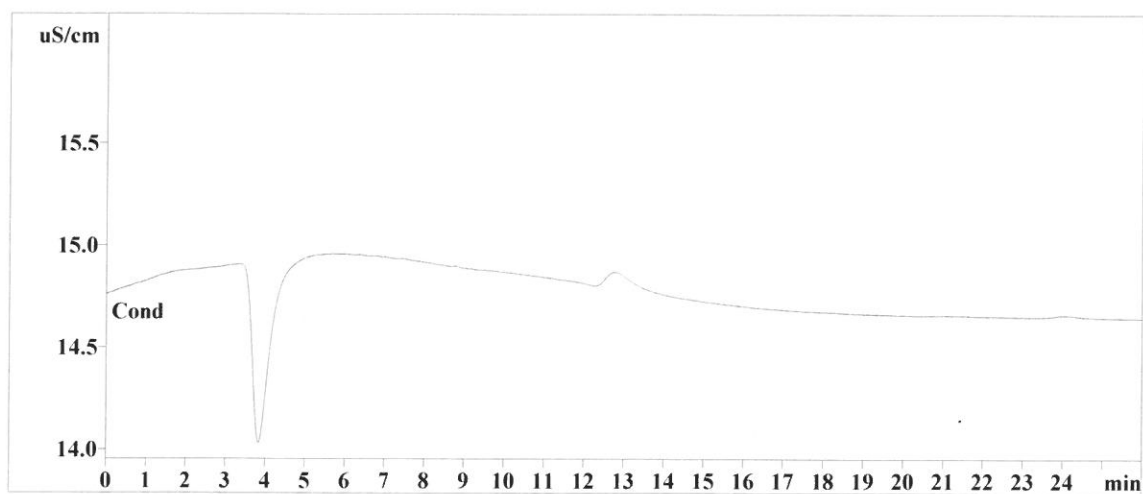
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File: _2017-09-18_

Last save: 9/18/2017 1:58:08 PM

Method: ANIONS 09-18-17.mtw
Run operator: wet
Analysis number: 59025

Last save: 9/18/2017 11:40:22 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: 9/18/2017 5:34:00 PM
Printed by: wet

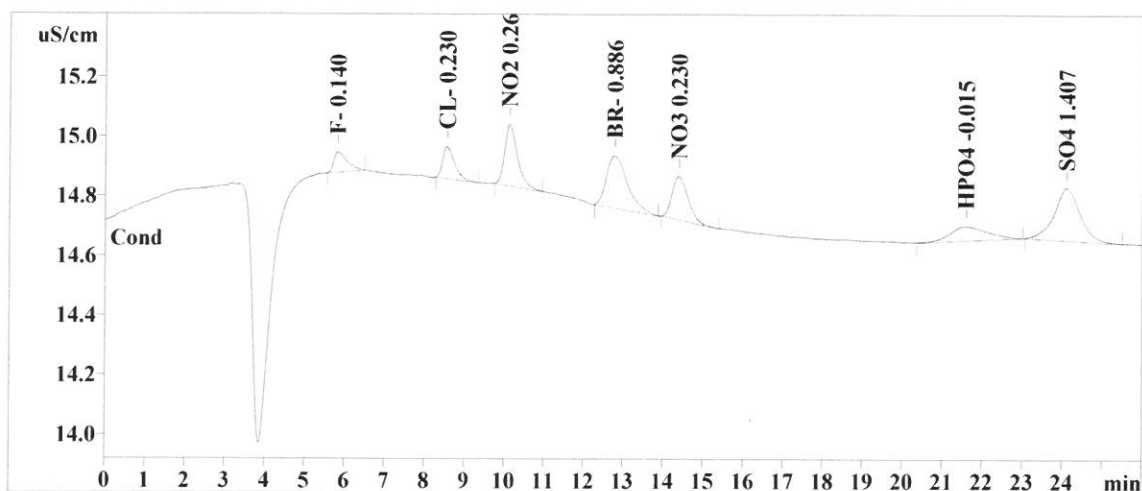
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Analysis from: 9/18/2017 11:43:29 AM
File: _2017-09-18_

Last save: 9/18/2017 1:58:08 PM

Method: ANIONS 09-18-17.mtw
Run operator: wet
Analysis number: 59026

Last save: 9/18/2017 11:40:22 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	5.81	0.344	0.07	7.32	1.579	5.19	0.
2	8.55	0.303	0.11	11.51	2.202	7.24	0.
3	10.12	0.335	0.21	22.07	4.691	15.42	0.
4	12.77	0.565	0.18	18.81	6.574	21.62	0.
5	14.38	0.441	0.15	15.69	4.165	13.69	0.
6	21.58	1.021	0.05	5.13	3.152	10.36	0.
7	24.10	0.654	0.18	19.03	8.050	26.47	0.
7	26.00	0.523	0.93	99.56	30.411	100.00	0.

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Report date: 9/18/2017 5:34:08 PM
Printed by: wet

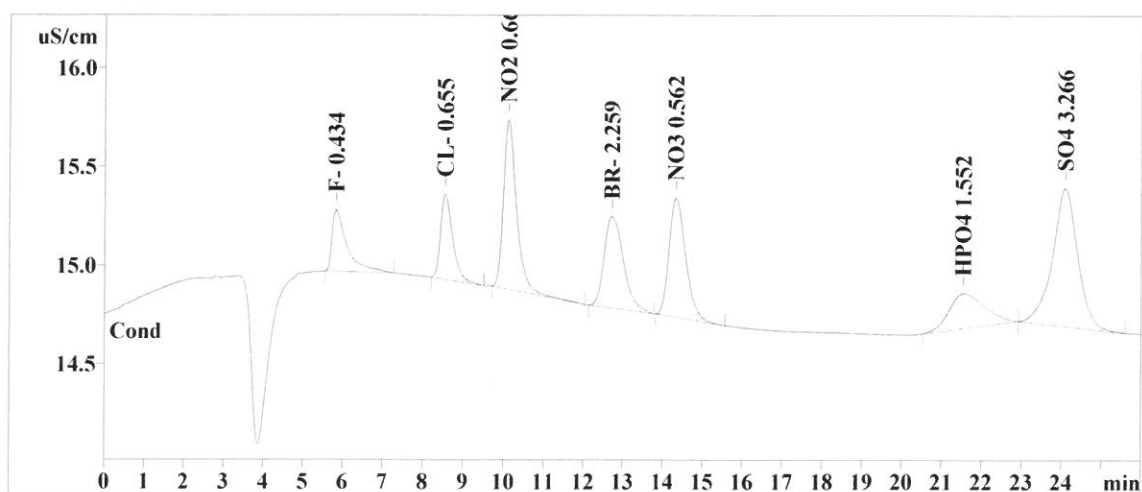
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File: _2017-09-18_

Last save: 9/18/2017 1:58:08 PM

Method: ANIONS 09-18-17.mtw
Run operator: wet
Analysis number: 59027

Last save: 9/18/2017 11:40:22 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	5.83	0.344	0.31	8.77	8.211	7.30	0.
2	8.55	0.306	0.43	12.13	8.932	7.94	0.
3	10.11	0.332	0.86	24.16	19.623	17.45	0.
4	12.71	0.529	0.46	13.05	15.945	14.18	0.
5	14.33	0.448	0.60	17.03	17.746	15.78	0.
6	21.55	0.980	0.18	5.01	11.097	9.87	0.
7	24.09	0.636	0.70	19.74	30.919	27.49	0.
7	26.00	0.511	3.54	99.88	112.472	100.00	0.

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Report date: 9/18/2017 5:34:17 PM
Printed by: wet

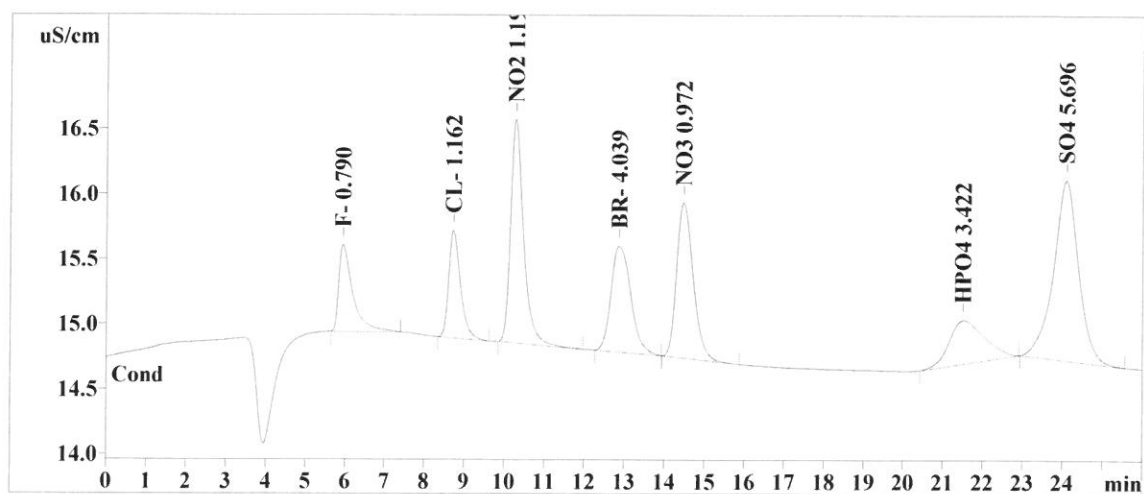
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File: _2017-09-18_

Last save: 9/18/2017 1:58:10 PM

Method: ANIONS 09-18-17.mtw
Run operator: wet
Analysis number: 59028

Last save: 9/18/2017 11:40:22 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	5.94	0.332	0.67	9.60	16.230	7.50	0.
2	8.72	0.304	0.83	11.89	16.976	7.84	0.
3	10.27	0.331	1.72	24.74	39.218	18.12	0.
4	12.86	0.534	0.81	11.74	28.098	12.98	0.
5	14.46	0.440	1.19	17.18	34.466	15.93	0.
6	21.51	0.957	0.33	4.82	20.578	9.51	0.
7	24.09	0.630	1.38	19.96	60.829	28.11	0.
7	26.00	0.504	6.93	99.95	216.395	100.00	0.

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Report date: 9/18/2017 5:34:23 PM
Printed by: wet

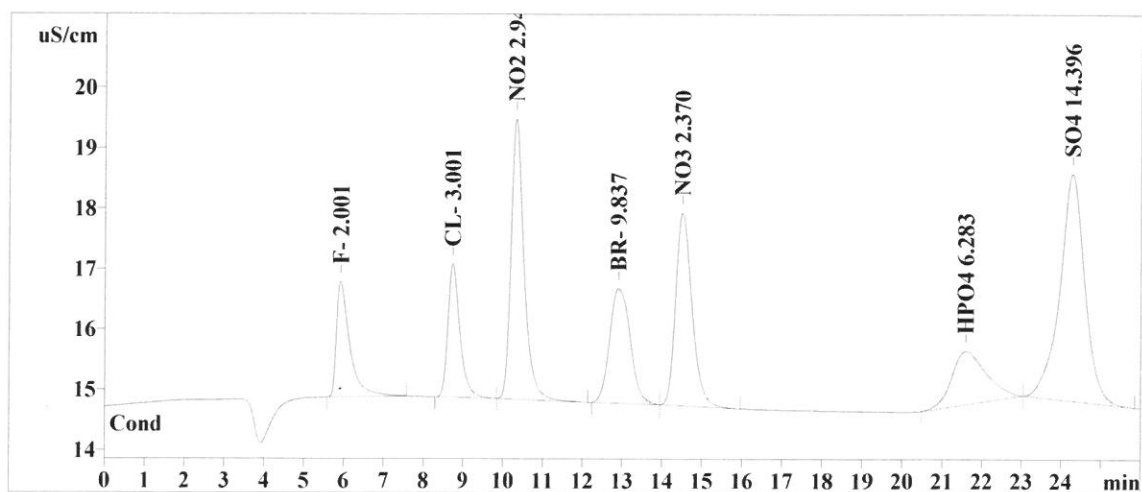
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File: _2017-09-18_

Last save: 9/18/2017 3:15:12 PM

Method: ANIONS 09-18-17.mtw
Run operator: wet
Analysis number: 59029

Last save: 9/18/2017 11:40:22 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	5.92	0.314	1.90	10.30	43.518	7.56	0.
2	8.72	0.310	2.20	11.93	46.624	8.09	0.
3	10.32	0.332	4.64	25.10	106.179	18.44	0.
4	12.90	0.569	1.90	10.27	68.738	11.93	0.
5	14.50	0.438	3.19	17.25	92.043	15.98	0.
6	21.58	0.929	0.88	4.78	53.706	9.32	0.
7	24.28	0.626	3.76	20.35	165.147	28.67	0.
7	26.00	0.503	18.47	99.98	575.955	100.00	0.

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Report date: 9/18/2017 5:34:34 PM
Printed by: wet

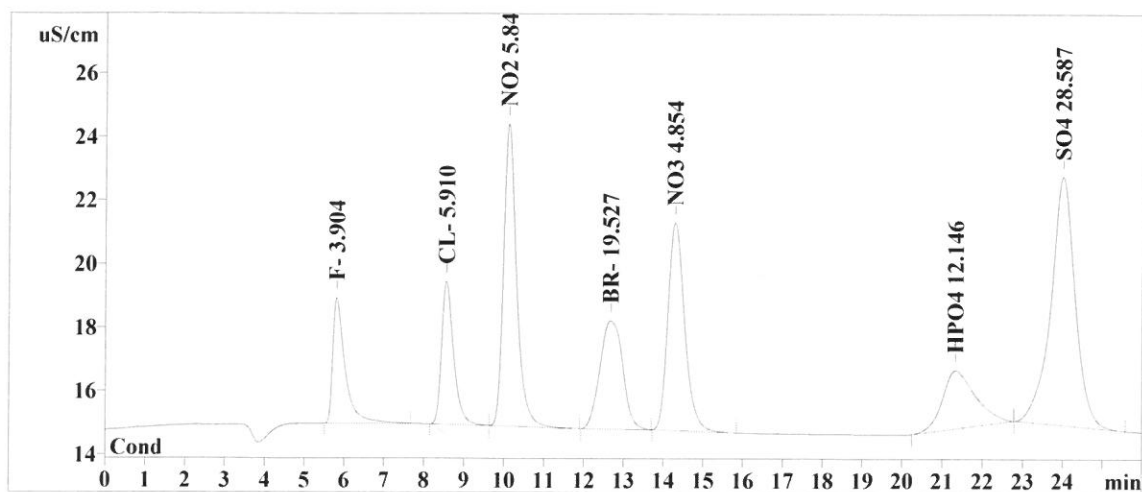
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File: _2017-09-18_

Last save: 9/18/2017 3:15:12 PM

Method: ANIONS 09-18-17.mtw
Run operator: wet
Analysis number: 59030

Last save: 9/18/2017 11:40:22 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	5.81	0.300	3.94	10.51	86.032	7.39	0.
2	8.55	0.303	4.49	11.97	92.815	7.98	0.
3	10.10	0.329	9.50	25.33	214.422	18.43	0.
4	12.66	0.627	3.40	9.07	134.852	11.59	0.
5	14.28	0.450	6.53	17.40	193.752	16.65	0.
6	21.32	0.858	1.83	4.88	104.533	8.98	0.
7	24.00	0.615	7.81	20.83	337.024	28.97	0.
7	26.00	0.497	37.51	99.99	1163.430	100.00	0.

This report has been created by IC Net
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Report date: 9/18/2017 5:34:46 PM
Printed by: wet

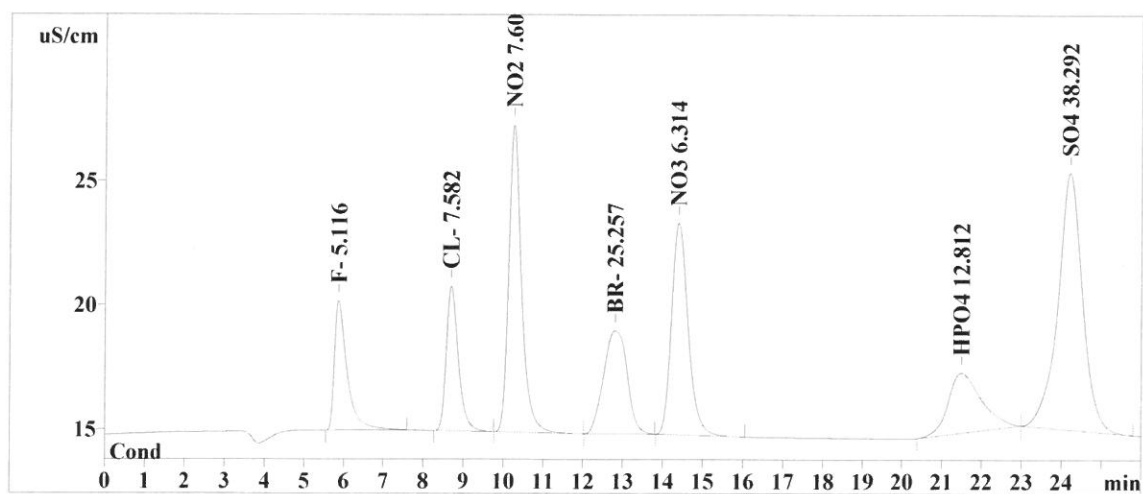
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File: _2017-09-18_

Last save: 9/18/2017 3:17:50 PM

Method: ANIONS 09-18-17.mtw
Run operator: wet
Analysis number: 59031

Last save: 9/18/2017 11:40:22 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	5.86	0.308	5.19	10.65	114.718	7.57	0.
2	8.69	0.301	5.82	11.93	119.501	7.89	0.
3	10.25	0.328	12.35	25.33	277.577	18.32	0.
4	12.80	0.658	4.15	8.51	172.052	11.35	0.
5	14.38	0.440	8.50	17.44	247.356	16.32	0.
6	21.48	0.867	2.41	4.95	139.714	9.22	0.
7	24.20	0.616	10.33	21.18	444.488	29.33	0.
7	26.00	0.503	48.75	99.99	1515.406	100.00	0.

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Report date: 9/18/2017 5:37:21 PM
Printed by: wet

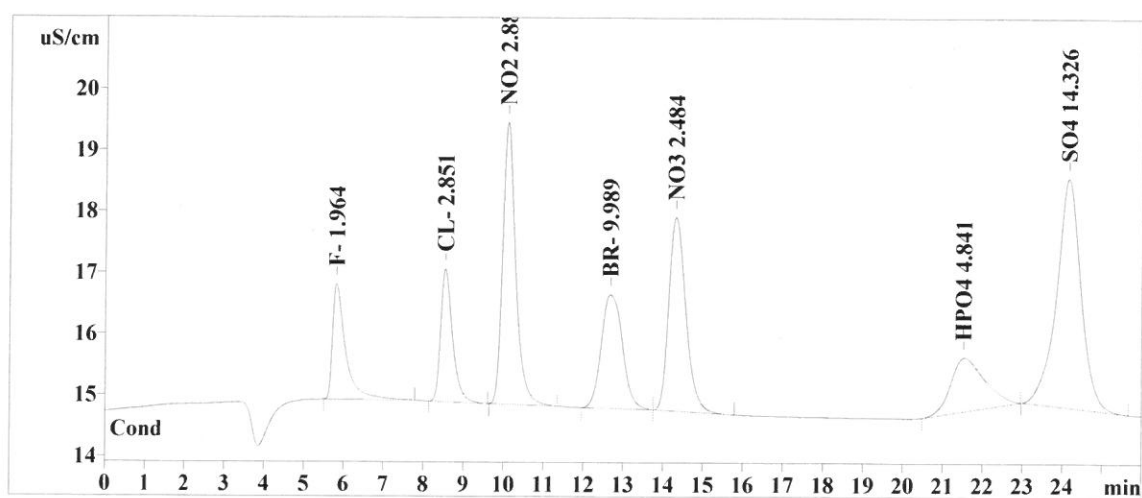
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Analysis from: 9/18/2017 3:34:53 PM
File: _2017-09-18_

Last save: 9/18/2017 4:00:42 PM

Method: ANIONS 09-18-17.mtw
Run operator: wet
Analysis number: 59034

Last save: 9/18/2017 3:17:20 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	5.81	0.308	1.88	10.29	43.091	7.57	0.
2	8.54	0.300	2.17	11.84	44.276	7.78	0.
3	10.08	0.326	4.60	25.13	103.110	18.11	0.
4	12.66	0.583	1.86	10.16	69.284	12.17	0.
5	14.31	0.457	3.16	17.28	95.135	16.71	0.
6	21.52	0.912	0.88	4.81	52.348	9.20	0.
7	24.15	0.620	3.75	20.47	162.044	28.46	0.
7	26.00	0.501	18.30	99.99	569.288	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 9/18/2017 5:38:00 PM
Printed by: wet

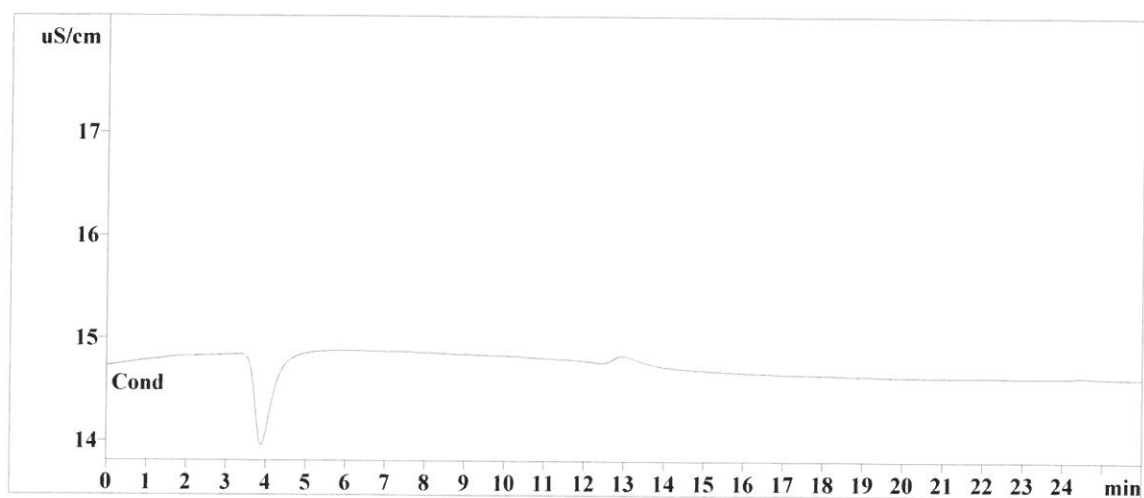
Ident: ICB
Analysis from: 9/18/2017 4:03:48 PM
File: _2017-09-18_

Last save: 9/18/2017 5:37:52 PM

Method: ANIONS 09-18-17.mtw
Run operator: wet
Analysis number: 59035

Last save: 9/18/2017 2:33:56 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: 9/30/2017 9:33:29 AM
Printed by: wet

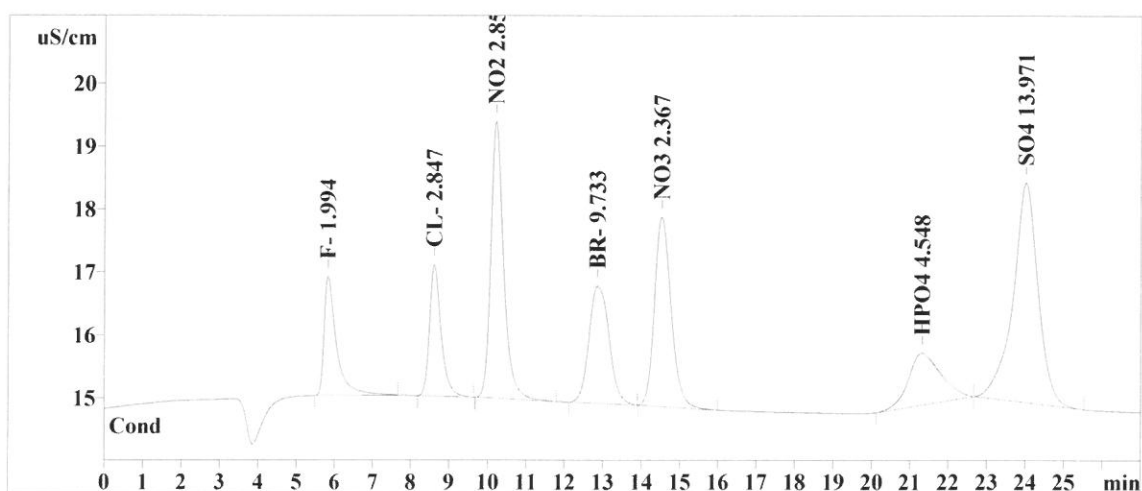
Ident: CCV
Analysis from: 9/28/2017 2:34:40 PM
File: _2017-09-28_

Last save: 9/28/2017 3:01:30 PM

Method: ANIONS 09-18-17.mtw
Run operator: wet
Analysis number: 59193

Last save: 9/21/2017 12:16:58 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	5.82	0.314	1.89	10.76	43.765	7.88	0.
2	8.60	0.310	2.09	11.89	44.209	7.96	0.
3	10.20	0.336	4.39	25.02	102.049	18.38	0.
4	12.86	0.565	1.86	10.62	67.560	12.17	0.
5	14.51	0.453	3.00	17.13	90.502	16.30	0.
6	21.30	0.903	0.83	4.73	49.135	8.85	0.
7	24.01	0.638	3.48	19.86	157.865	28.44	0.
7	27.00	0.503	17.54	99.99	555.084	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 9/30/2017 9:33:37 AM
Printed by: wet

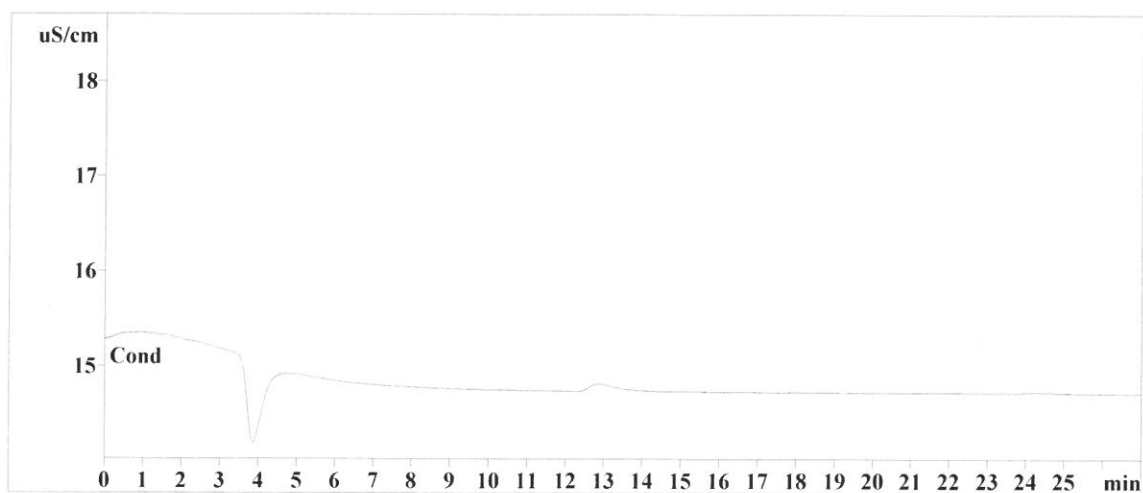
Ident: CCB
Analysis from: 9/28/2017 3:04:35 PM
File: _2017-09-28_

Last save: 9/29/2017 10:37:10 AM

Method: ANIONS 09-18-17.mtw
Run operator: wet
Analysis number: 59194

Last save: 9/21/2017 12:16:58 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: 9/30/2017 9:33:45 AM
Printed by: wet

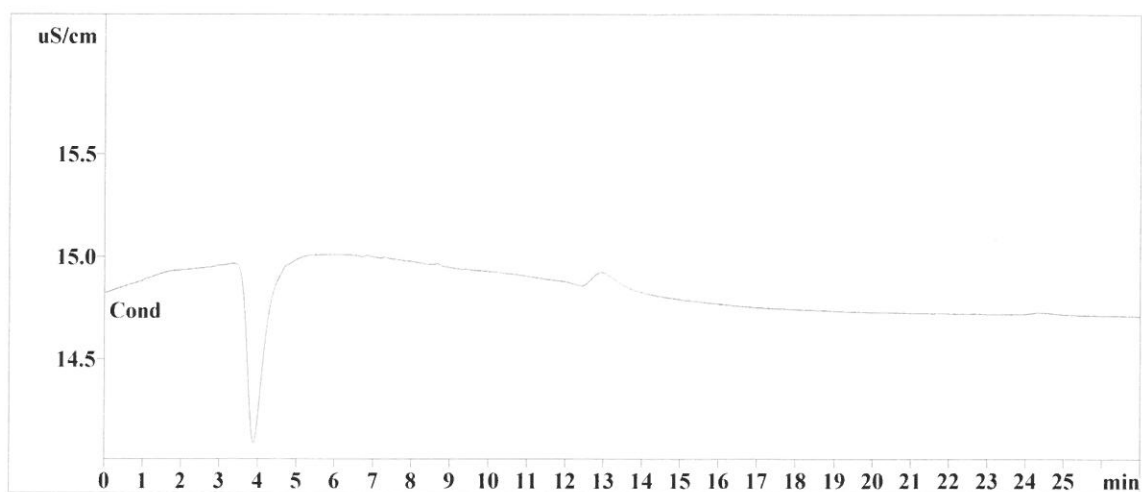
Ident: LB90422BLW
Analysis from: 9/28/2017 3:34:30 PM
File: _2017-09-28_

Last save: 9/30/2017 9:33:12 AM

Method: ANIONS 09-18-17.mtw
Run operator: wet
Analysis number: 59195

Last save: 9/21/2017 12:16:58 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: 9/30/2017 9:34:09 AM
Printed by: wet

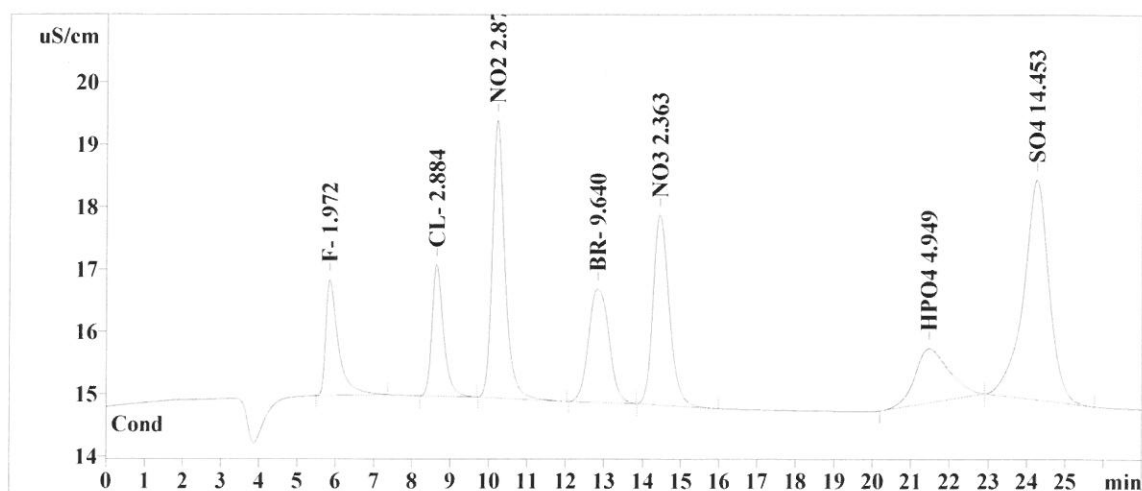
Ident: LB90422BSW
Analysis from: 9/28/2017 4:04:25 PM
File: _2017-09-28_

Last save: 9/30/2017 9:33:12 AM

Method: ANIONS 09-18-17.mtw
Run operator: wet
Analysis number: 59196

Last save: 9/21/2017 12:16:58 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	5.84	0.324	1.85	10.47	43.269	7.65	0.
2	8.63	0.311	2.11	11.93	44.797	7.92	0.
3	10.21	0.333	4.45	25.17	102.911	18.20	0.
4	12.82	0.575	1.82	10.30	66.936	11.84	0.
5	14.44	0.446	3.05	17.25	90.312	15.98	0.
6	21.45	0.937	0.87	4.92	53.538	9.47	0.
7	24.25	0.654	3.53	19.95	163.540	28.93	0.
7	27.00	0.511	17.67	99.99	565.303	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 9/30/2017 9:34:38 AM
Printed by: wet

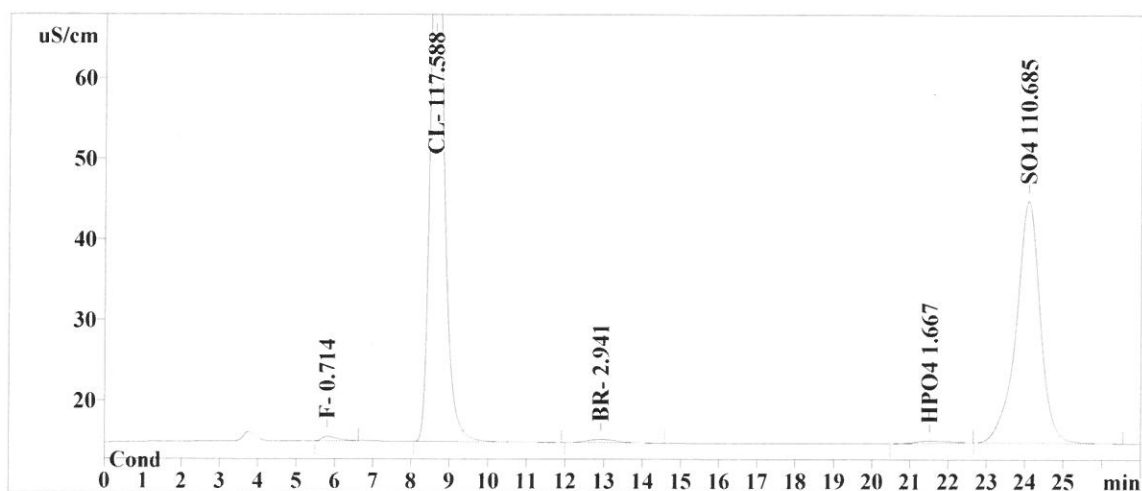
Ident: I5526-01
Analysis from: 9/28/2017 6:37:50 PM
File: _2017-09-28_

Last save: 9/28/2017 7:04:40 PM

Method: ANIONS 09-18-17.mtw
Run operator: wet
Analysis number: 59198

Last save: 9/21/2017 12:16:58 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	5.80	0.431	0.53	0.49	14.695	0.46	0.
2	8.62	0.351	78.50	71.54	1868.595	58.02	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	12.93	0.812	0.42	0.38	21.851	0.68	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	21.50	0.916	0.31	0.28	17.565	0.55	0.
7	24.08	0.615	29.98	27.32	1297.634	40.29	0.
7	27.00	0.446	109.74	100.00	3220.340	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 9/30/2017 9:34:48 AM
Printed by: wet

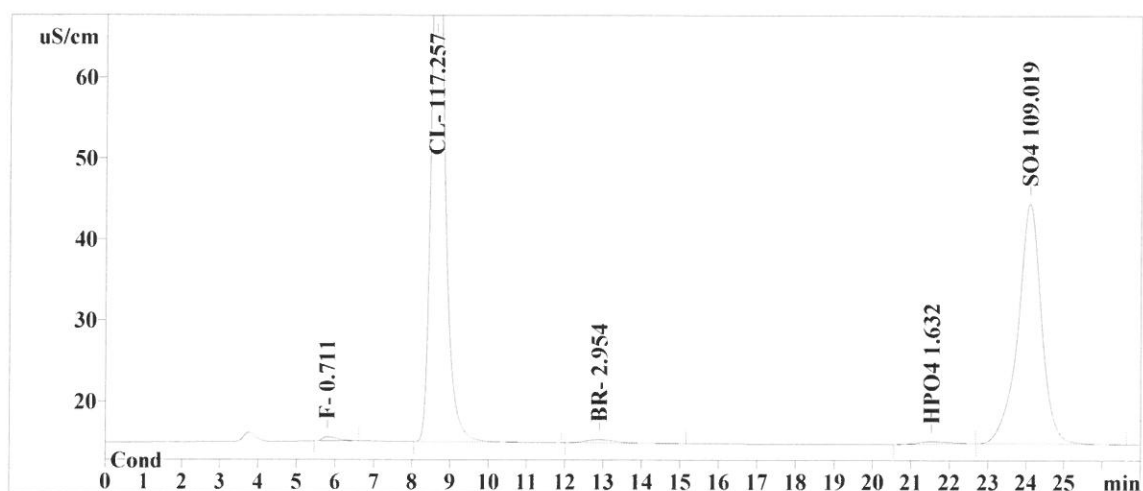
Ident: I5526-01DUP
Analysis from: 9/28/2017 7:07:45 PM
File: _2017-09-28_

Last save: 9/28/2017 7:34:34 PM

Method: ANIONS 09-18-17.mtw
Run operator: wet
Analysis number: 59199

Last save: 9/21/2017 12:16:58 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	5.80	0.431	0.53	0.49	14.614	0.46	0.
2	8.61	0.351	78.04	71.67	1863.336	58.32	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	12.89	0.808	0.41	0.38	21.934	0.69	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	21.53	0.931	0.29	0.27	17.174	0.54	0.
7	24.09	0.614	29.61	27.20	1278.002	40.00	0.
7	27.00	0.448	108.89	100.00	3195.061	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 9/30/2017 9:34:55 AM
Printed by: wet

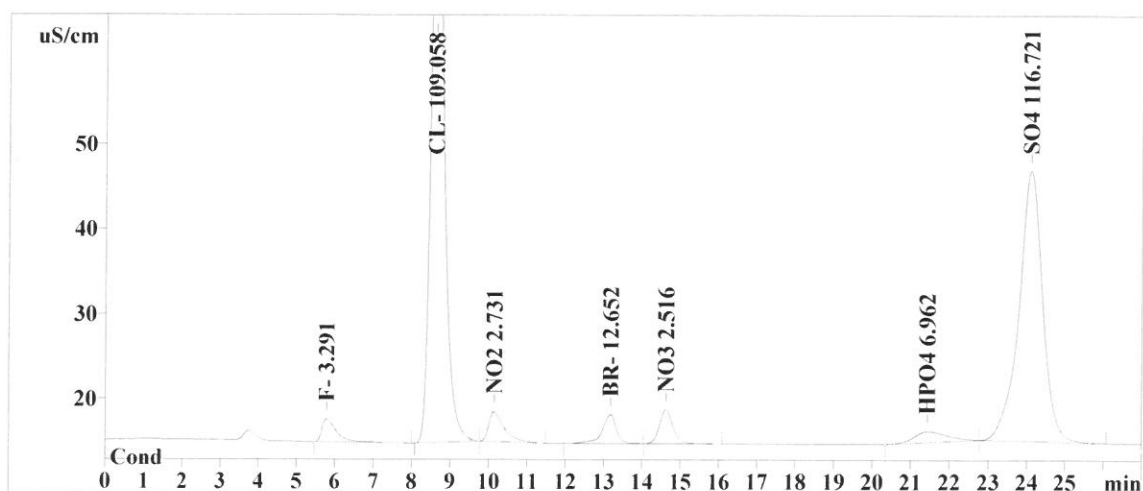
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Analysis from: 9/28/2017 7:37:40 PM
File: _2017-09-28_

Last save: 9/28/2017 8:04:30 PM

Method: ANIONS 09-18-17.mtw
Run operator: wet
Analysis number: 59200

Last save: 9/21/2017 12:16:58 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	5.78	0.396	2.68	2.21	73.247	2.07	0.
2	8.61	0.345	74.65	61.47	1732.979	49.07	0.
3	10.15	0.384	3.56	2.93	97.584	2.76	0.
4	13.17	0.356	3.42	2.81	87.207	2.47	0.
5	14.62	0.360	3.99	3.29	96.397	2.73	0.
6	21.43	0.904	1.29	1.06	75.596	2.14	0.
7	24.09	0.614	31.85	26.23	1368.763	38.76	0.
7	27.00	0.480	121.43	100.00	3531.773	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 9/30/2017 9:35:02 AM
Printed by: wet

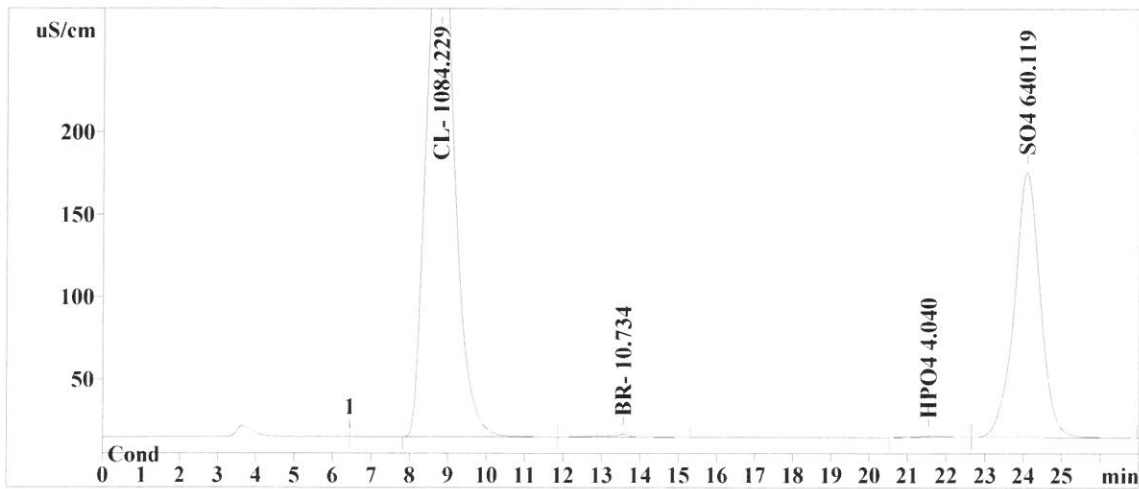
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Analysis from: 9/28/2017 8:07:35 PM
File: _2017-09-28_

Last save: 9/28/2017 8:34:24 PM

Method: ANIONS 09-18-17.mtw
Run operator: wet
Analysis number: 59201

Last save: 9/21/2017 12:16:58 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	8.79	0.696	377.69	69.78	17238.188	69.25	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.57	0.278	2.00	0.37	74.301	0.30	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	21.55	0.817	0.82	0.15	43.574	0.18	0.
7	24.08	0.688	160.73	29.70	7536.986	30.28	0.
7	27.00	0.354	541.24	100.00	24893.049	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 9/30/2017 9:35:08 AM
Printed by: wet

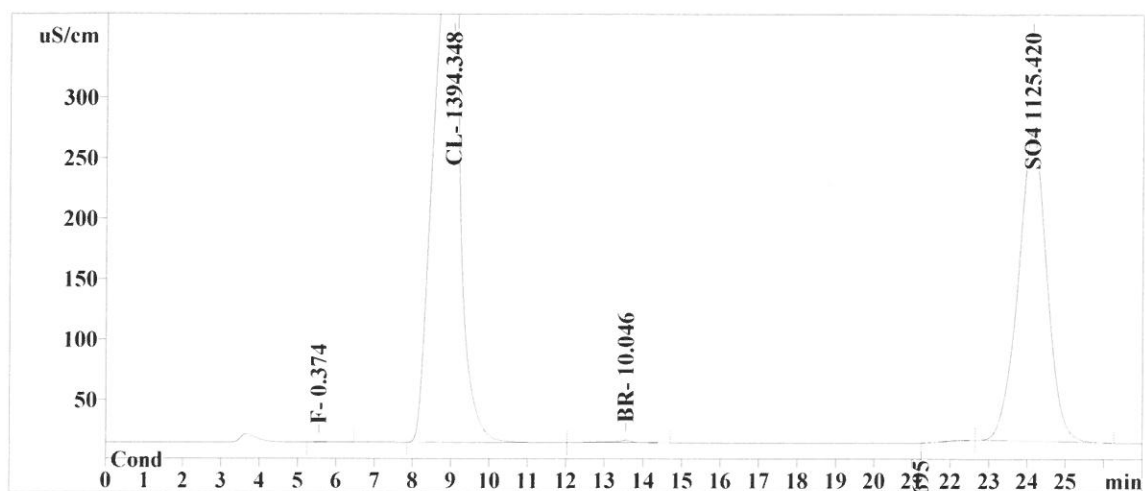
Ident: I5526-03
Analysis from: 9/28/2017 8:37:30 PM
File: _2017-09-28_

Last save: 9/28/2017 9:04:20 PM

Method: ANIONS 09-18-17.mtw
Run operator: wet
Analysis number: 59202

Last save: 9/21/2017 12:16:58 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	5.55	0.659	0.18	0.02	6.963	0.02	0.
2	9.05	0.664	514.86	66.64	22169.078	62.39	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.56	0.300	2.03	0.26	69.672	0.20	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	21.24	1.172	-0.00	-0.00	28.832	0.08	0.
7	24.12	0.779	255.48	33.07	13256.243	37.31	0.
7	27.00	0.510	772.55	100.00	35530.787	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 9/30/2017 9:35:39 AM
Printed by: wet

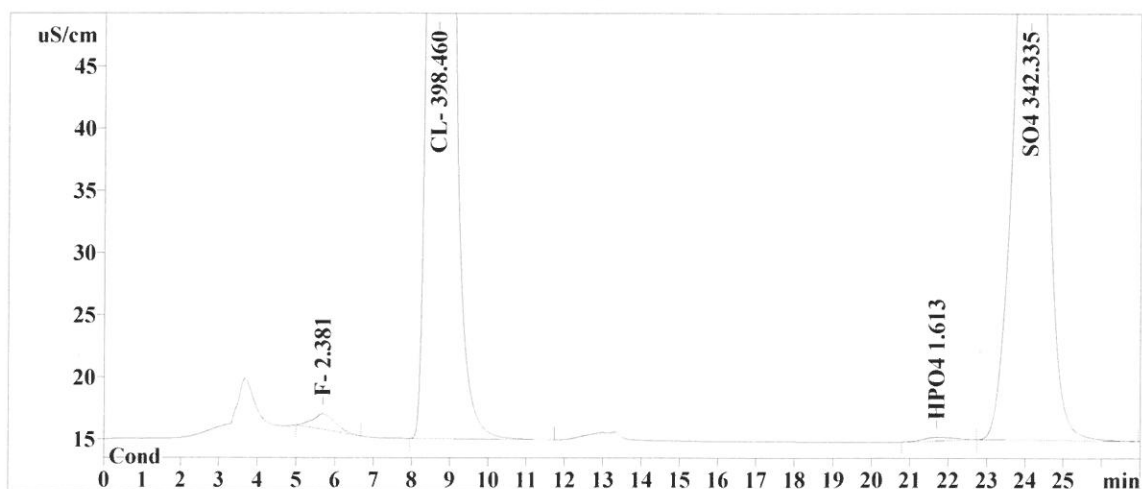
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Analysis from: 9/28/2017 9:07:25 PM
File: _2017-09-28_

Last save: 9/30/2017 9:35:38 AM

Method: ANIONS 09-18-17.mtw
Run operator: wet
Analysis number: 59203

Last save: 9/21/2017 12:16:58 PM

SAMPLE:
: AK/AP
Vial number: 11
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	5.69	0.645	1.25	0.42	52.571	0.50	0.
2	8.67	0.466	203.67	68.88	6334.461	60.72	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	21.69	0.906	0.30	0.10	16.974	0.16	0.
7	24.11	0.646	90.48	30.60	4027.616	38.61	0.
7	27.00	0.380	295.70	100.00	10431.622	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 9/30/2017 9:35:55 AM
Printed by: wet

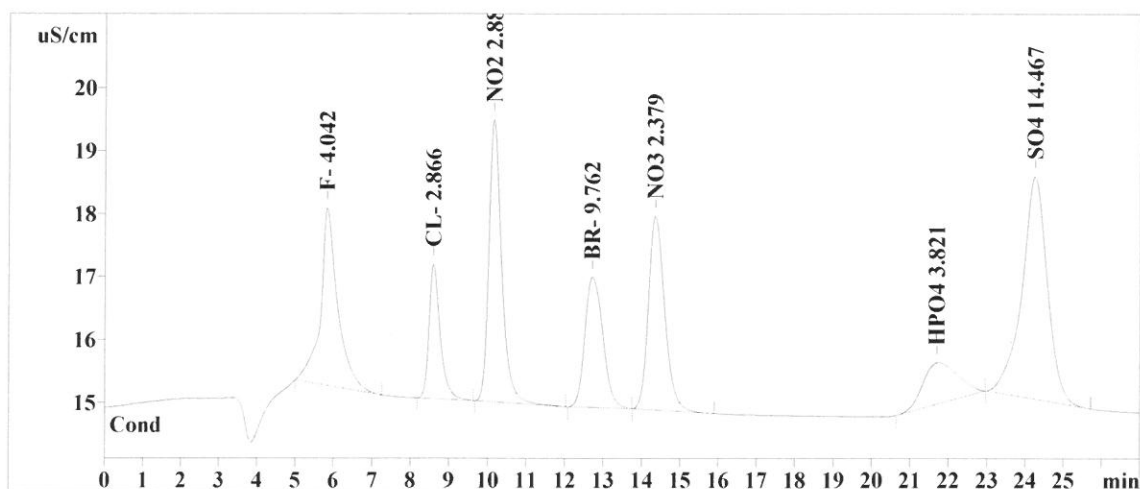
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Analysis from: 9/28/2017 9:37:20 PM
File: _2017-09-28_

Last save: 9/28/2017 10:04:10 PM

Method: ANIONS 09-18-17.mtw
Run operator: wet
Analysis number: 59204

Last save: 9/21/2017 12:16:58 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	5.83	0.395	2.82	15.01	90.298	15.01	0.
2	8.59	0.305	2.14	11.37	44.522	7.40	0.
3	10.15	0.333	4.48	23.86	103.264	17.16	0.
4	12.71	0.512	2.07	11.03	67.760	11.26	0.
5	14.34	0.444	3.08	16.38	90.948	15.12	0.
6	21.69	1.009	0.66	3.51	41.167	6.84	0.
7	24.25	0.661	3.54	18.82	163.710	27.21	0.
7	27.00	0.523	18.79	99.98	601.670	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 9/30/2017 9:36:09 AM
Printed by: wet

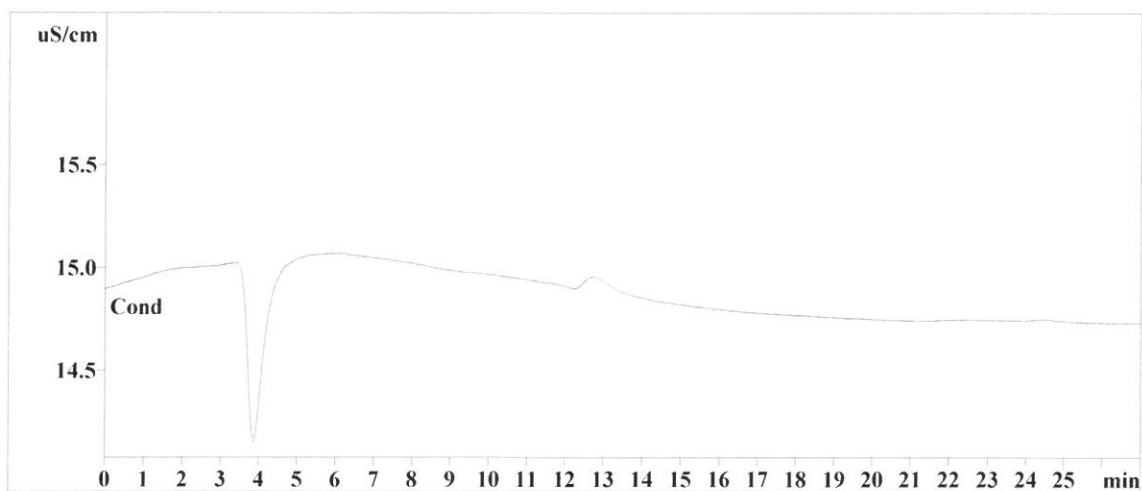
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File: _2017-09-28_

Last save: 9/29/2017 10:37:10 AM

Method: ANIONS 09-18-17.mtw
Run operator: wet
Analysis number: 59205

Last save: 9/21/2017 12:16:58 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: 9/30/2017 9:36:41 AM
Printed by: wet

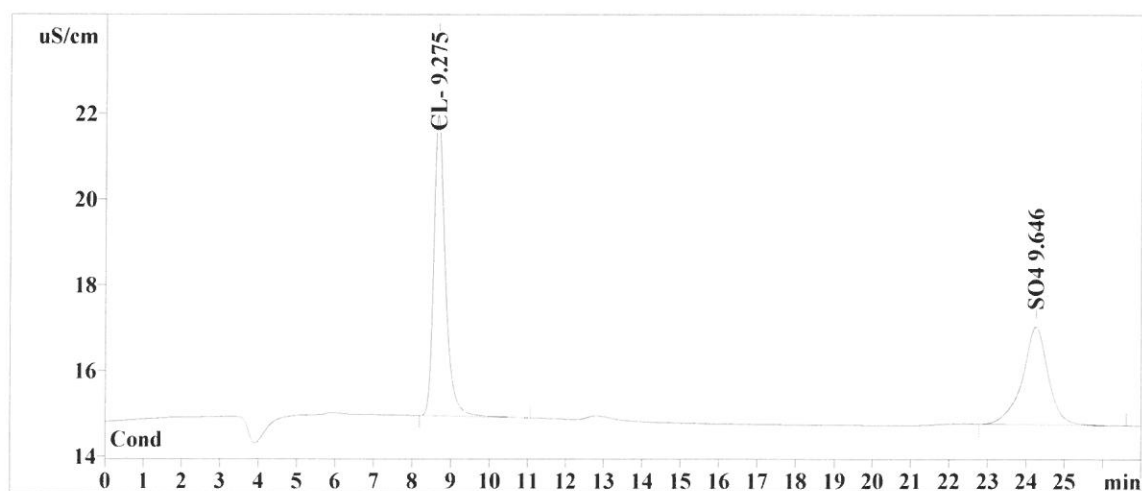
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Analysis from: 9/28/2017 10:37:10 PM
File: _2017-09-28_

Last save: 9/30/2017 9:36:36 AM

Method: ANIONS 09-18-17.mtw
Run operator: wet
Analysis number: 59206

Last save: 9/21/2017 12:16:58 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.66	0.299	7.02	75.51	146.419	57.80	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	0.658	2.28	24.48	106.895	42.20	0.
7	27.00	0.137	9.30	99.99	253.314	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 9/30/2017 9:37:31 AM
Printed by: wet

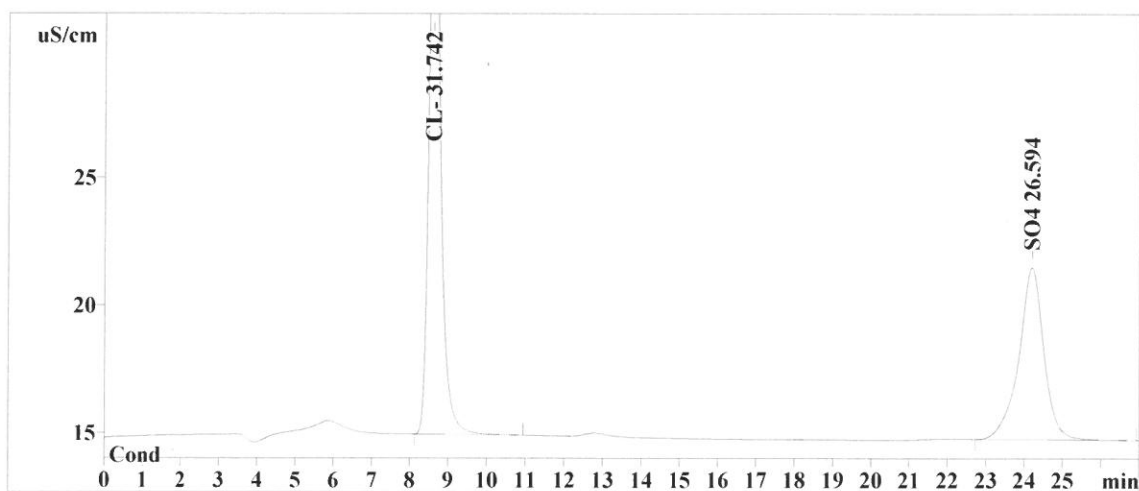
Ident: I5526-04DLX10
Analysis from: 9/29/2017 12:06:55 AM
File: _2017-09-29_

Last save: 9/30/2017 9:37:28 AM

Method: ANIONS 09-18-17.mtw
Run operator: wet
Analysis number: 59209

Last save: 9/21/2017 12:16:58 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	8.60	0.291	24.97	78.75	503.641	62.16	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	24.19	0.638	6.74	21.25	306.627	37.84	0.
7	27.00	0.133	31.71	100.00	810.267	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 9/30/2017 9:37:38 AM
Printed by: wet

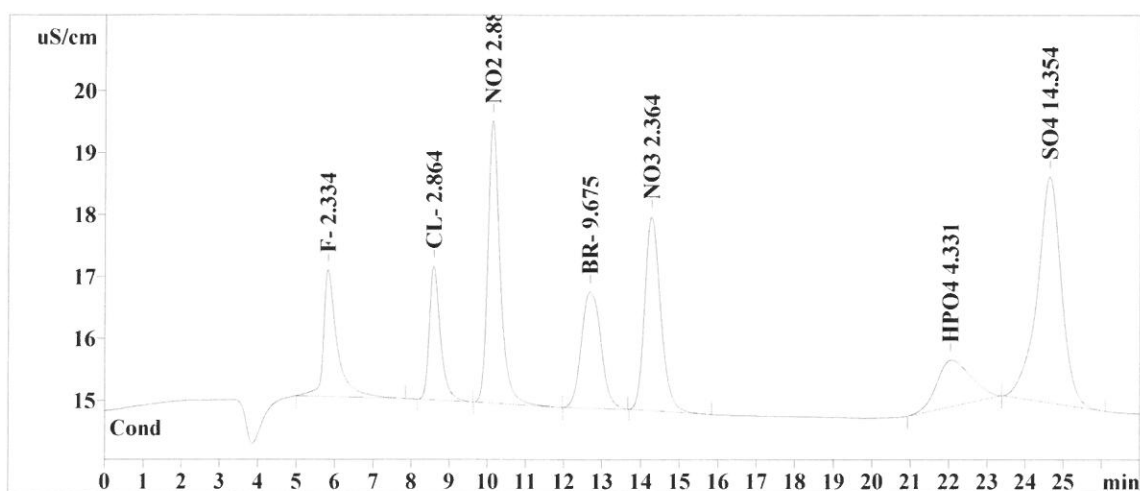
Ident: CCV
Analysis from: 9/29/2017 12:36:50 AM
File: _2017-09-29_

Last save: 9/29/2017 1:03:38 AM

Method: ANIONS 09-18-17.mtw
Run operator: wet
Analysis number: 59210

Last save: 9/21/2017 12:16:58 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	5.81	0.323	2.04	11.24	51.496	9.10	0.
2	8.58	0.301	2.16	11.89	44.489	7.86	0.
3	10.13	0.327	4.56	25.07	103.423	18.27	0.
4	12.68	0.560	1.88	10.33	67.175	11.87	0.
5	14.27	0.434	3.13	17.24	90.378	15.97	0.
6	22.04	0.980	0.75	4.14	46.759	8.26	0.
7	24.63	0.637	3.65	20.08	162.378	28.68	0.
7	27.00	0.509	18.17	99.99	566.098	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 9/30/2017 9:37:46 AM
Printed by: wet

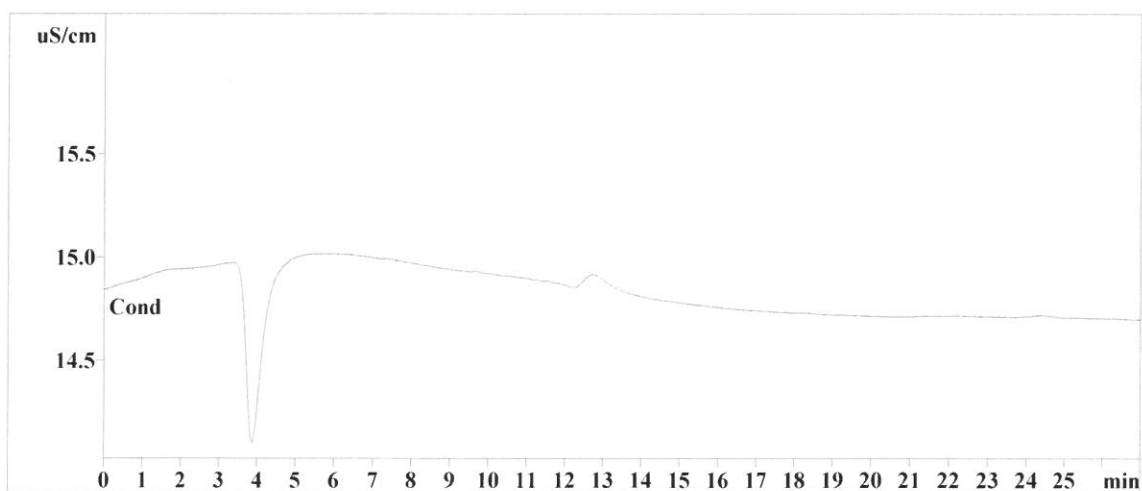
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File: _2017-09-29_

Last save: 9/29/2017 10:37:10 AM

Method: ANIONS 09-18-17.mtw
Run operator: wet
Analysis number: 59211

Last save: 9/21/2017 12:16:58 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: 9/30/2017 9:37:59 AM
Printed by: wet

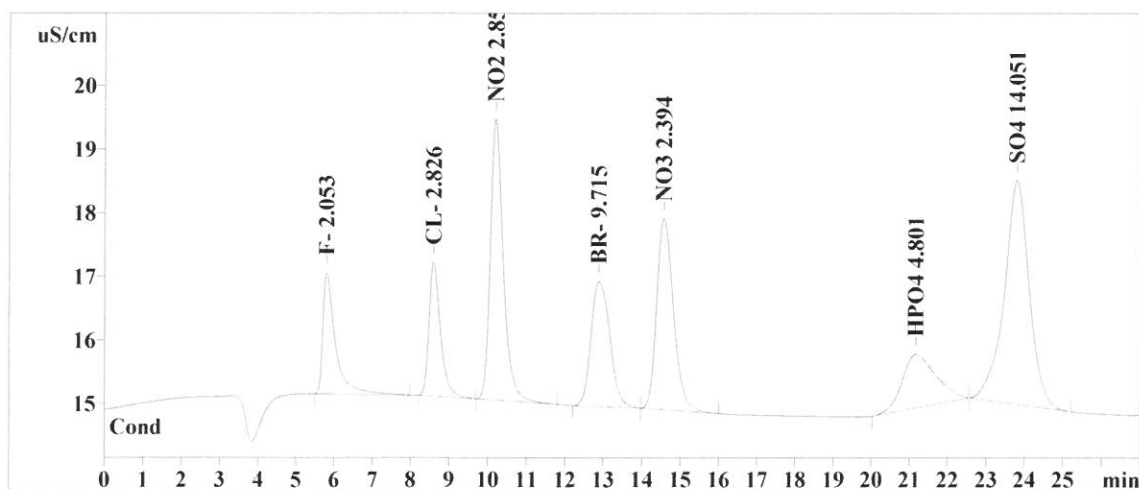
Ident: CCV
Analysis from: 9/29/2017 9:11:26 AM
File: _2017-09-29_

Last save: 9/29/2017 9:38:16 AM

Method: ANIONS 09-18-17.mtw
Run operator: wet
Analysis number: 59214

Last save: 9/21/2017 12:16:58 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	5.79	0.314	1.91	10.73	45.115	8.05	0.
2	8.59	0.307	2.10	11.85	43.883	7.83	0.
3	10.19	0.336	4.42	24.87	102.011	18.19	0.
4	12.87	0.537	1.97	11.07	67.442	12.03	0.
5	14.56	0.462	3.00	16.91	91.540	16.33	0.
6	21.15	0.951	0.84	4.76	51.910	9.26	0.
7	23.80	0.648	3.52	19.81	158.803	28.32	0.
7	27.00	0.508	17.76	99.99	560.705	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 9/30/2017 9:38:06 AM
Printed by: wet

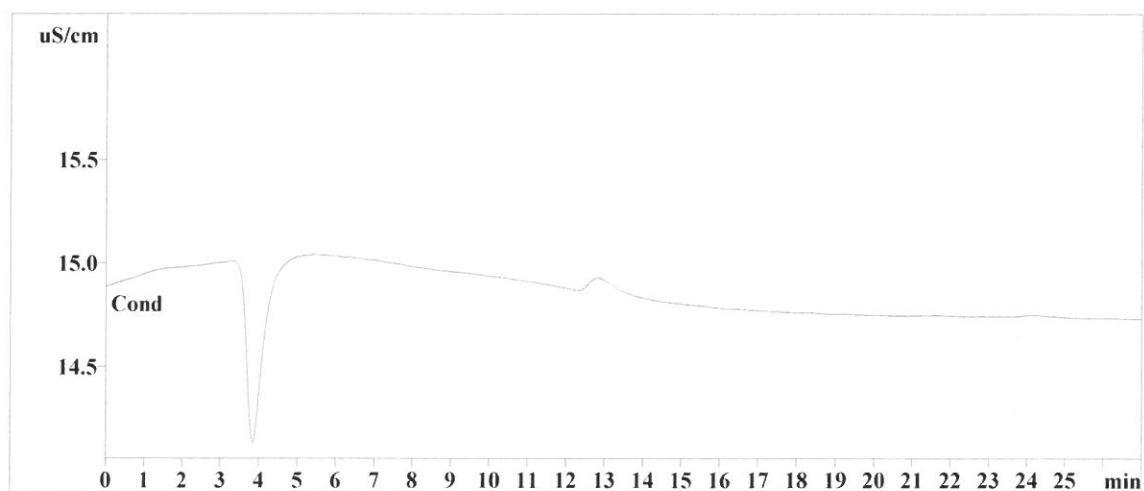
Ident: CCB
Analysis from: 9/29/2017 9:41:21 AM
File: _2017-09-29_

Last save: 9/29/2017 10:37:10 AM

Method: ANIONS 09-18-17.mtw
Run operator: wet
Analysis number: 59215

Last save: 9/21/2017 12:16:58 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: 9/30/2017 9:38:45 AM
Printed by: wet

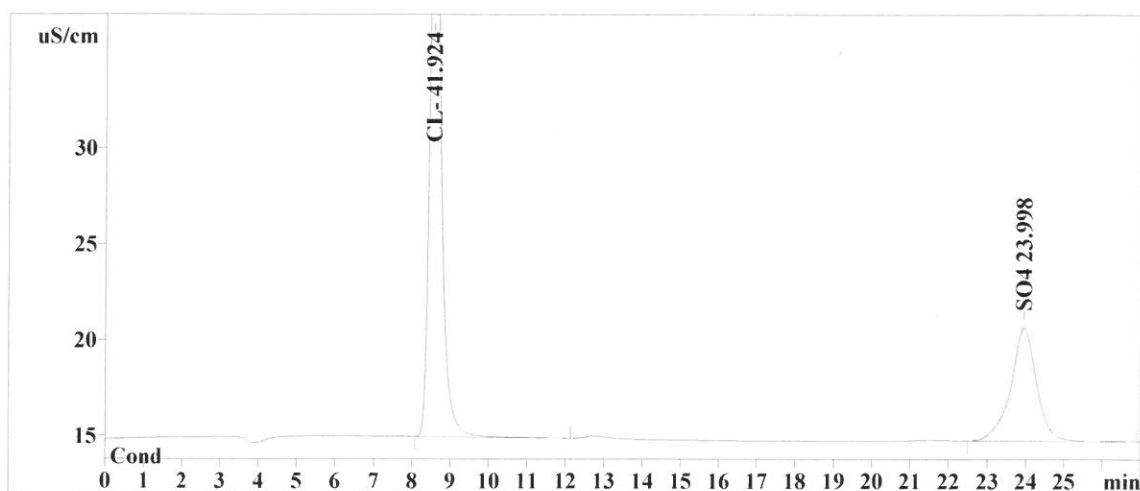
Ident: I5526-02DLX20
Analysis from: 9/29/2017 10:11:17 AM
File: _2017-09-29_

Last save: 9/30/2017 9:38:44 AM

Method: ANIONS 09-18-17.mtw
Run operator: wet
Analysis number: 59216

Last save: 9/21/2017 12:16:58 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	8.56	0.289	33.30	84.97	665.544	70.68	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	23.95	0.660	5.89	15.03	276.028	29.32	0.
7	27.00	0.136	39.19	99.99	941.571	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 9/30/2017 9:38:52 AM
Printed by: wet

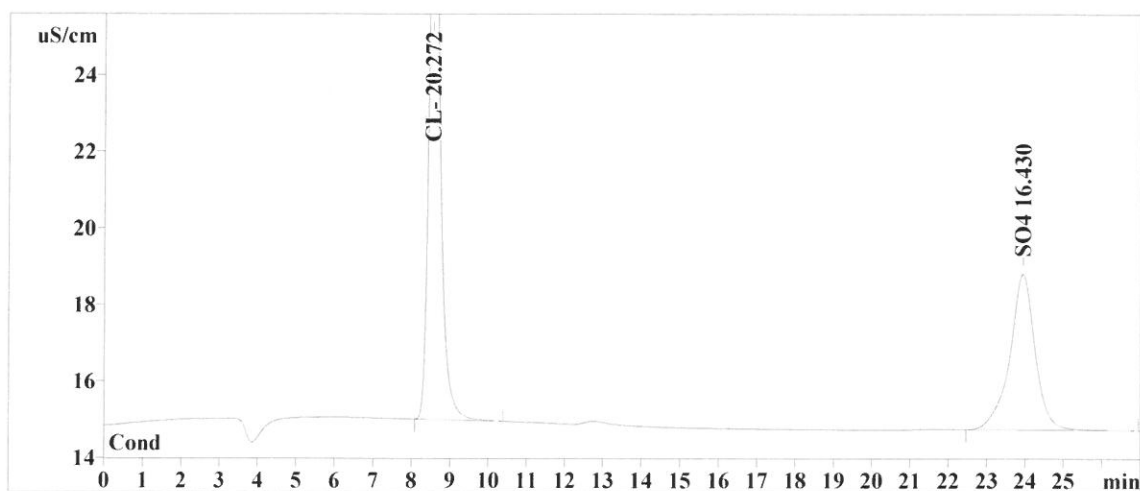
Ident: I5526-03DLX50
Analysis from: 9/29/2017 10:41:12 AM
File: _2017-09-29_

Last save: 9/30/2017 9:36:36 AM

Method: ANIONS 09-18-17.mtw
Run operator: wet
Analysis number: 59217

Last save: 9/21/2017 12:16:58 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.54	0.286	16.25	79.98	321.270	63.23	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	23.93	0.641	4.07	20.02	186.842	36.77	0.
7	27.00	0.132	20.31	100.00	508.112	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 9/30/2017 9:38:58 AM
Printed by: wet

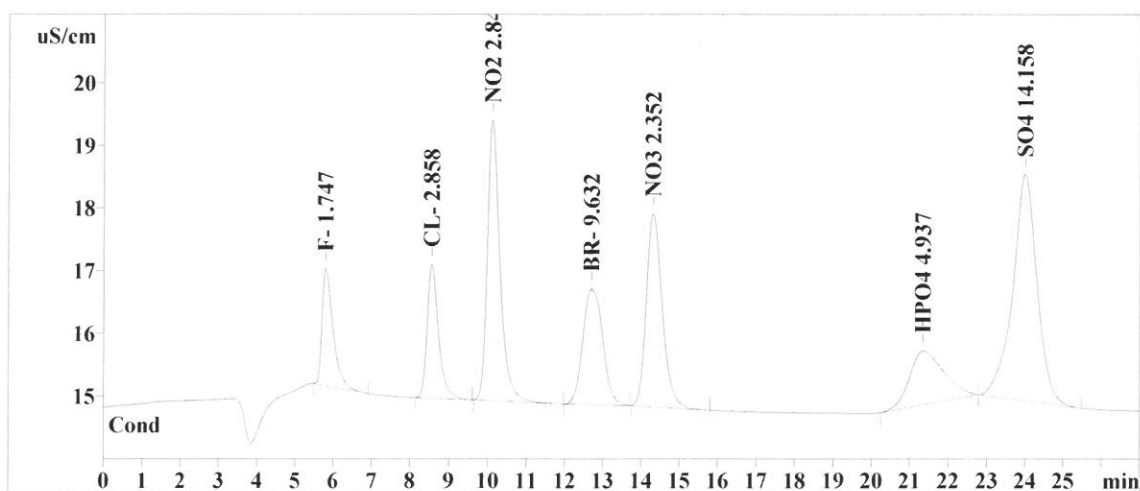
Ident: CCV
Analysis from: 9/29/2017 11:11:09 AM
File: _2017-09-29_

Last save: 9/29/2017 11:37:58 AM

Method: ANIONS 09-18-17.mtw
Run operator: wet
Analysis number: 59218

Last save: 9/21/2017 12:16:58 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	5.80	0.301	1.86	10.42	38.163	6.88	0.
2	8.55	0.305	2.13	11.94	44.397	8.00	0.
3	10.11	0.329	4.48	25.05	101.839	18.36	0.
4	12.69	0.569	1.84	10.31	66.882	12.06	0.
5	14.31	0.441	3.08	17.23	89.871	16.20	0.
6	21.35	0.954	0.86	4.83	53.400	9.63	0.
7	24.00	0.633	3.61	20.21	160.068	28.86	0.
7	27.00	0.505	17.87	99.98	554.621	100.00	0.

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METROHM LTD

Report date: 9/30/2017 9:39:49 AM
Printed by: wet

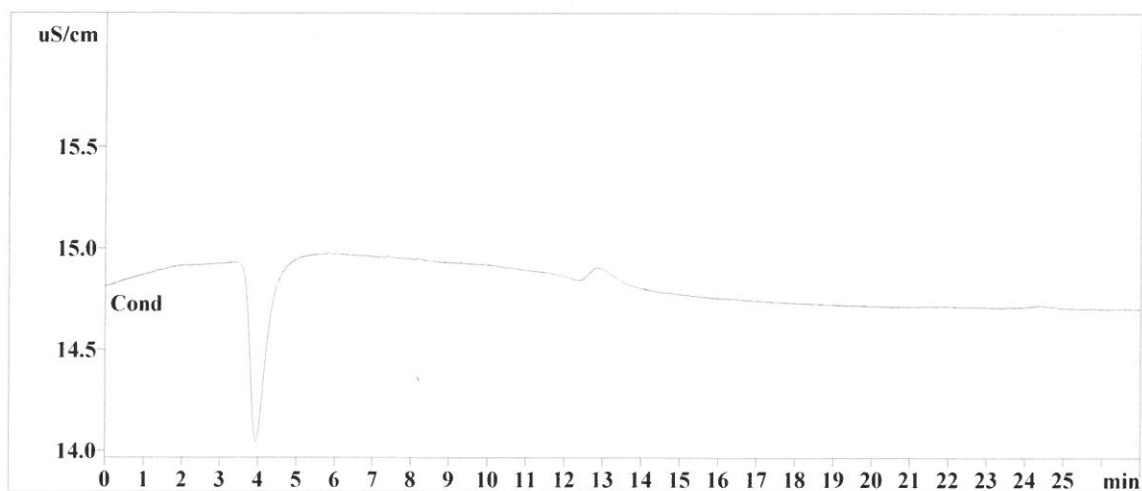
Ident: CCB
Analysis from: 9/29/2017 11:41:04 AM
File: _2017-09-29_

Last save: 9/30/2017 9:39:30 AM

Method: ANIONS 09-18-17.mtw
Run operator: wet
Analysis number: 59219

Last save: 9/21/2017 12:16:58 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