

Clear table

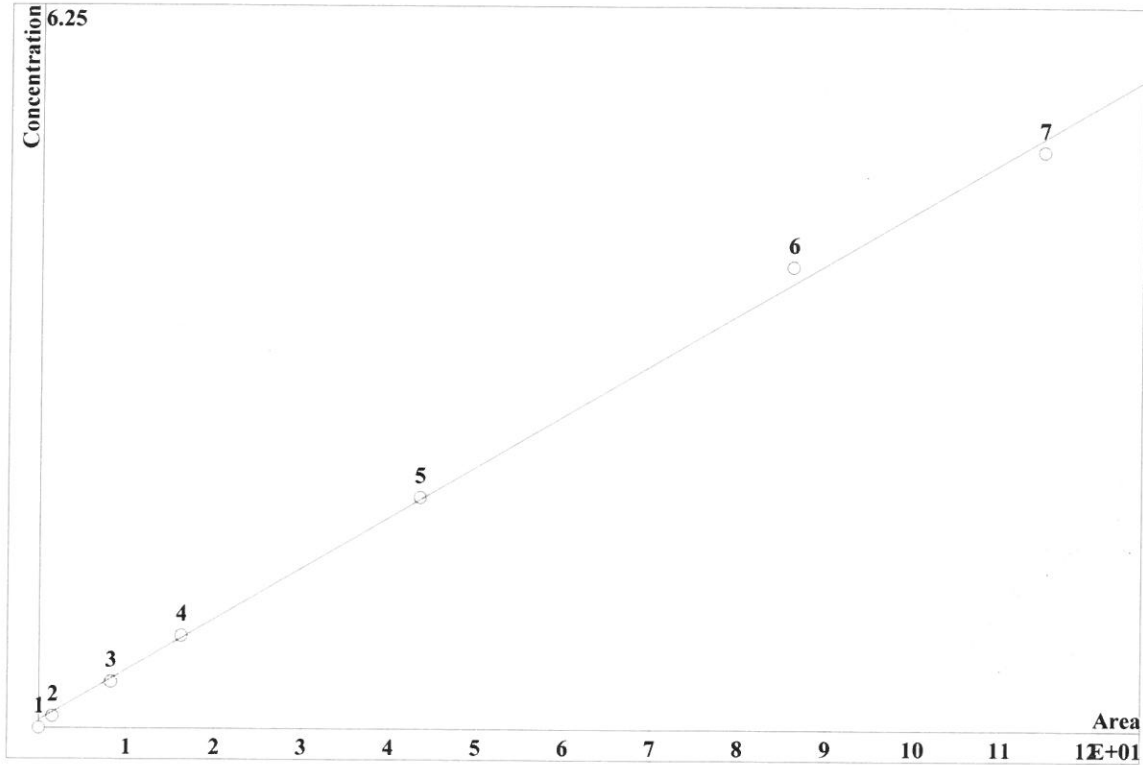
ident	concentrati on F-	concentrati on CL-	concentrati on NO2	concentrati on BR-	concentrati on NO3	concentrati on HPO4	concentrati on SO4	file name	date time
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2017-09-18_	9/18/17 11:14
STD2	0.1400	0.2300	0.2670	0.8860	0.2300	-0.0150	1.4070	_2017-09-18_	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	2.1100	2.9140	2.9330	9.9910	2.4220	4.7680	14.3160	_2017-10-03_	10/3/17 9:08
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2017-10-03_	10/3/17 9:41
LB90544BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2017-10-03_	10/3/17 10:11
LB90544BSW	2.0590	2.8960	2.8750	9.8530	2.3700	5.0120	14.0860	_2017-10-03_	10/3/17 10:41
I5632-02	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1.0680	_2017-10-03_	10/3/17 13:39
I5632-03	0.0000	0.5890	0.0000	2.1520	0.2610	0.0000	19.9760	_2017-10-03_	10/3/17 14:09
I5632-04	0.0000	0.4380	0.0000	1.0320	0.2420	0.0000	7.8140	_2017-10-03_	10/3/17 14:39
I5632-07	0.0000	0.4340	0.0000	2.0130	0.3000	0.0000	8.4070	_2017-10-03_	10/3/17 15:09
I5632-08	0.0000	0.4320	0.0000	1.9680	0.2700	0.0000	8.4140	_2017-10-03_	10/3/17 15:39
I5632-04DUP	0.0000	0.4500	0.0000	0.9840	0.2420	0.0000	8.0490	_2017-10-03_	10/3/17 16:09
I5632-05MS	3.4670	3.4580	2.9830	10.9600	2.6790	5.5710	21.9810	_2017-10-03_	10/3/17 16:39
I5632-06MSD	2.2050	3.3740	2.8670	10.4520	2.5590	4.6300	21.3440	_2017-10-03_	10/3/17 17:09
CCV	2.0120	2.9600	2.9550	9.9180	2.4240	3.7120	14.4340	_2017-10-03_	10/3/17 17:38
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2017-10-03_	10/3/17 18:08
I5634-01	0.0000	1672.3400	0.0000	0.0000	108.7420	0.0000	506.8070	_2017-10-03_	10/3/17 18:38
CCV	1.9910	2.9350	2.9600	9.8630	2.4240	3.5600	14.3910	_2017-10-03_	10/3/17 19:08
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2017-10-03_	10/3/17 19:38
CCV	2.1500	2.9610	2.9610	10.1440	2.4390	3.8110	14.5190	_2017-10-06_	10/6/17 10:28
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2017-10-06_	10/6/17 10:57
LB90544BLW2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2017-10-06_	10/6/17 11:27
LB90544BSW2	2.0760	2.9420	2.9490	10.3320	2.4460	4.5170	14.6520	_2017-10-06_	10/6/17 13:07
I5634-01DLX20	0.0000	73.8620	0.0000	0.0000	4.2030	0.0000	19.6600	_2017-10-06_	10/6/17 16:20
CCV	2.1260	3.0440	3.0670	10.3380	2.5290	4.9310	15.3140	_2017-10-06_	10/6/17 16:51
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2017-10-06_	10/6/17 17:21

IC-1
10/06/17
AK
m3000

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

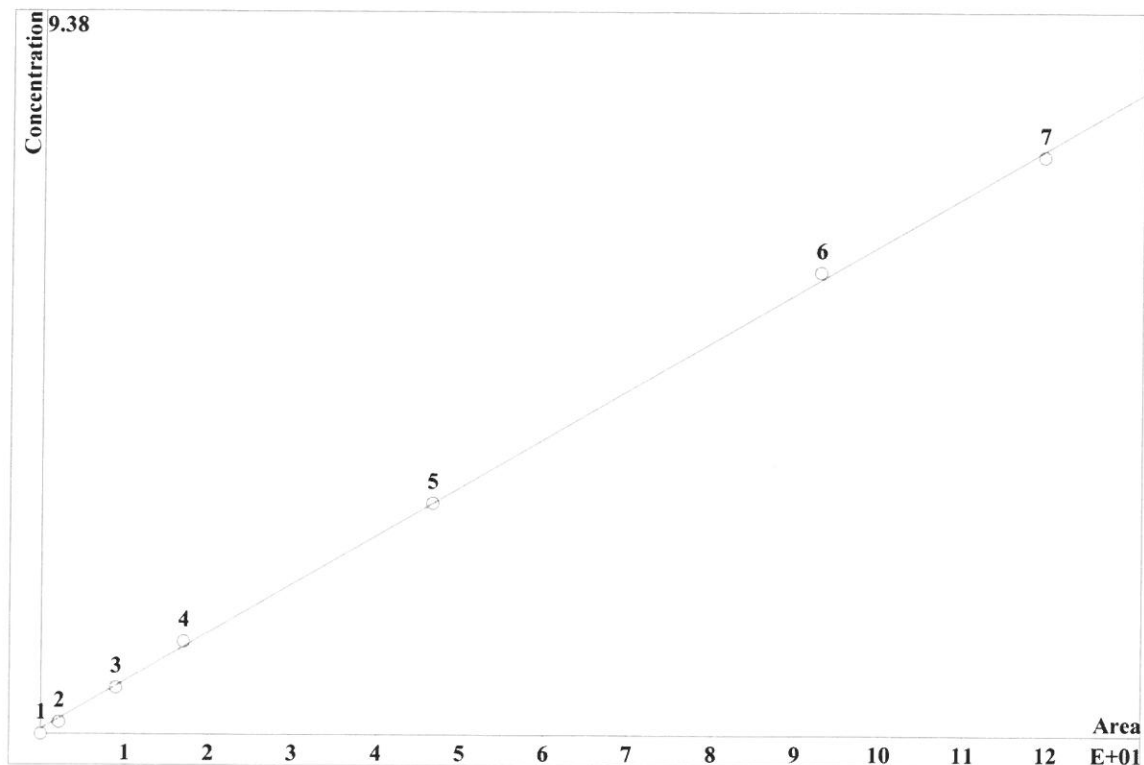


K3 = 0 K2 = 0 K1 = 0.880227 K0 = 1.34751
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

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

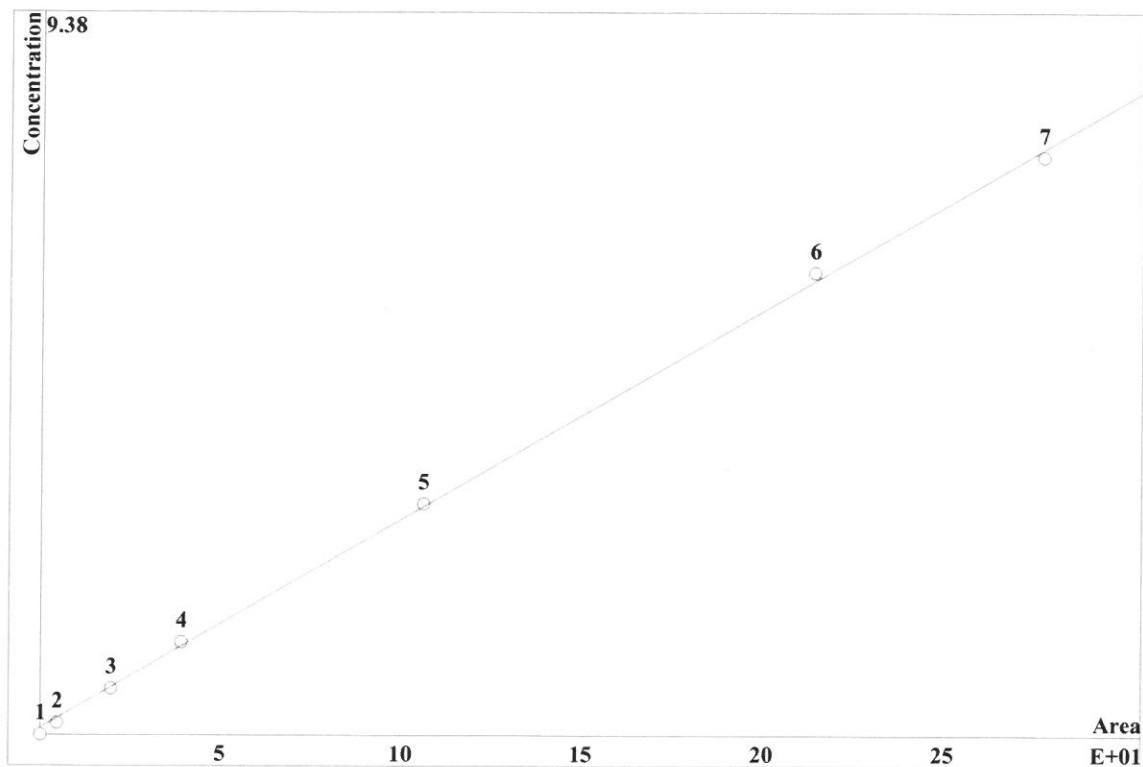


K3 = 0 K2 = 0 K1 = 1.25786 K0 = 1.32191
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

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

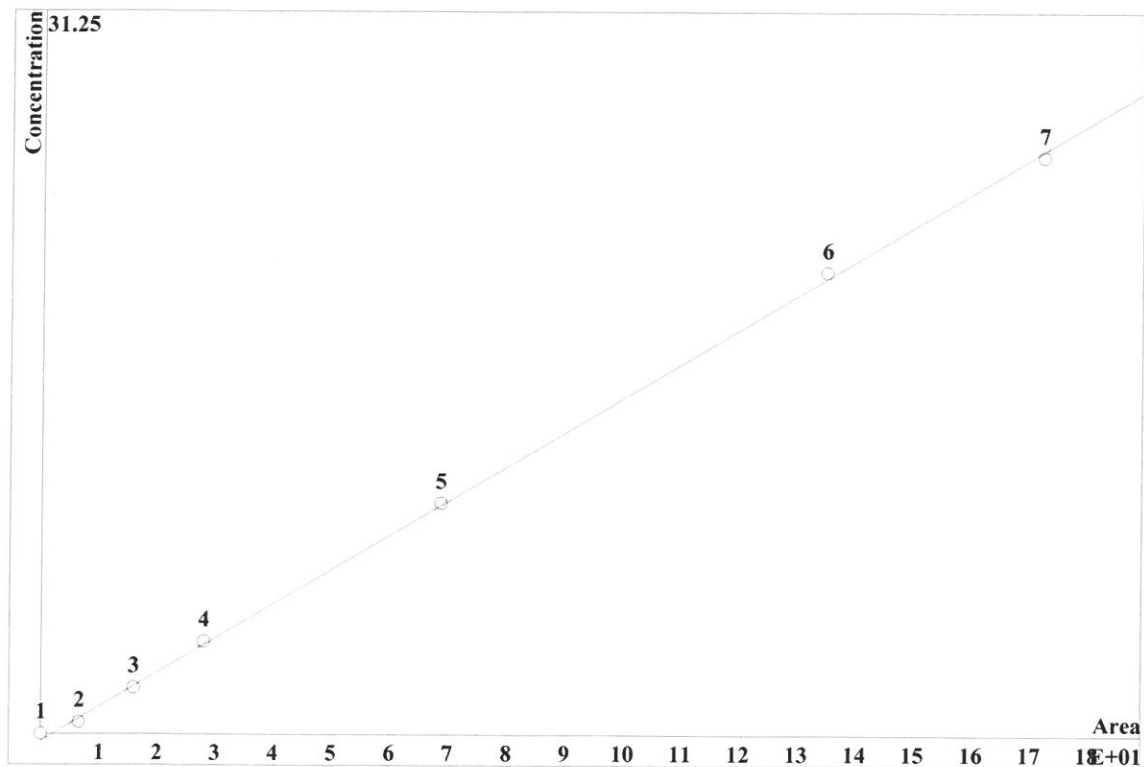


K3 = 0 K2 = 0 K1 = 0.541087 K0 = 1.82619
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

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

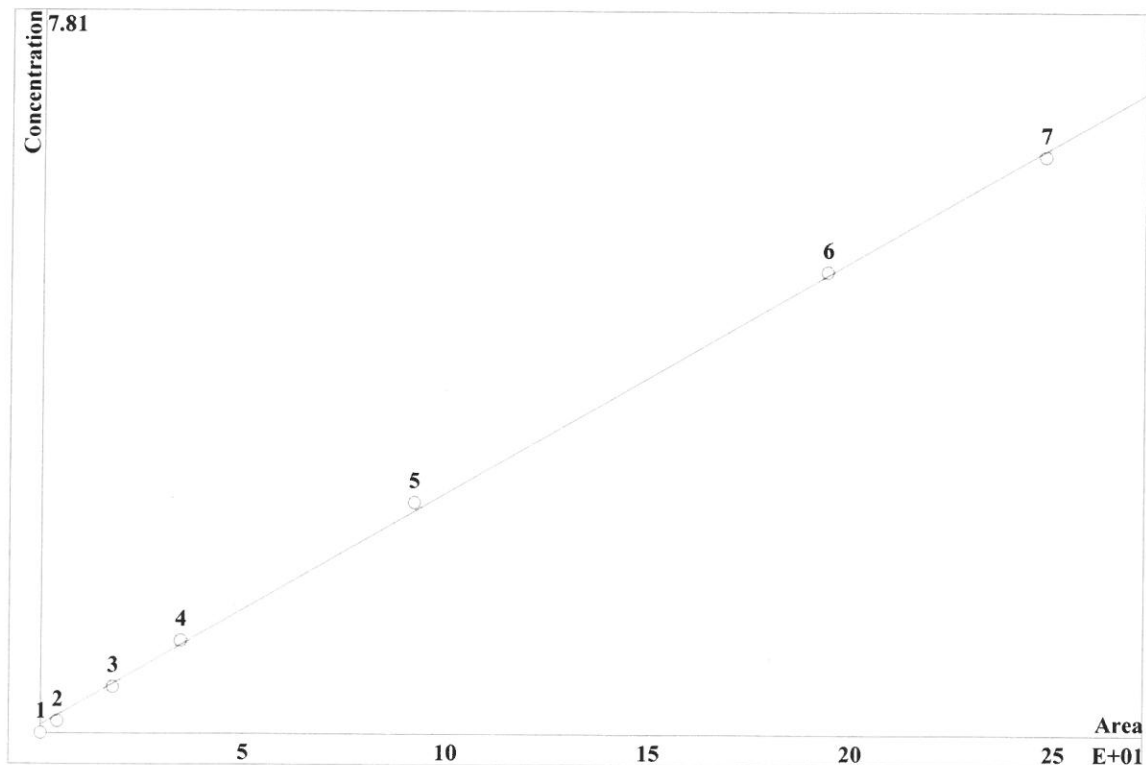


K3 = 0 K2 = 0 K1 = 2.97146 K0 = -6.10153
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

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

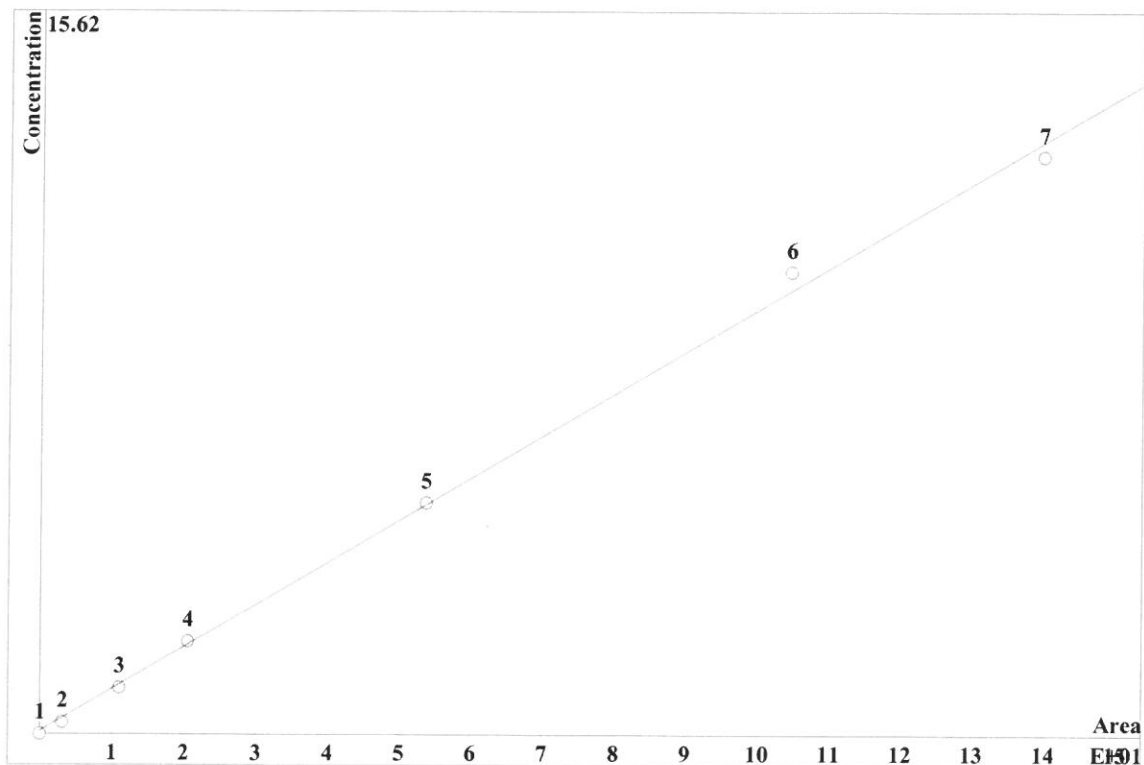


K3 = 0 K2 = 0 K1 = 0.503233 K0 = 1.80511
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

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



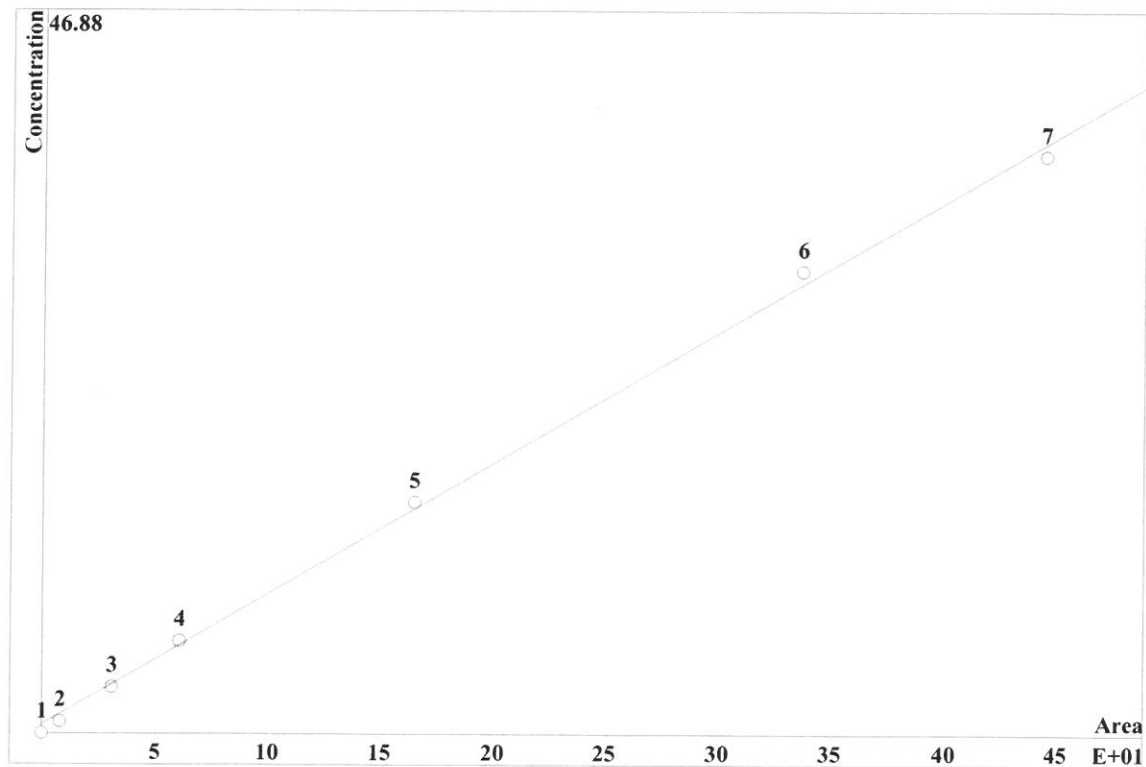
K3 = 0 K2 = 0 K1 = 1.82468 K0 = 1.29701

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

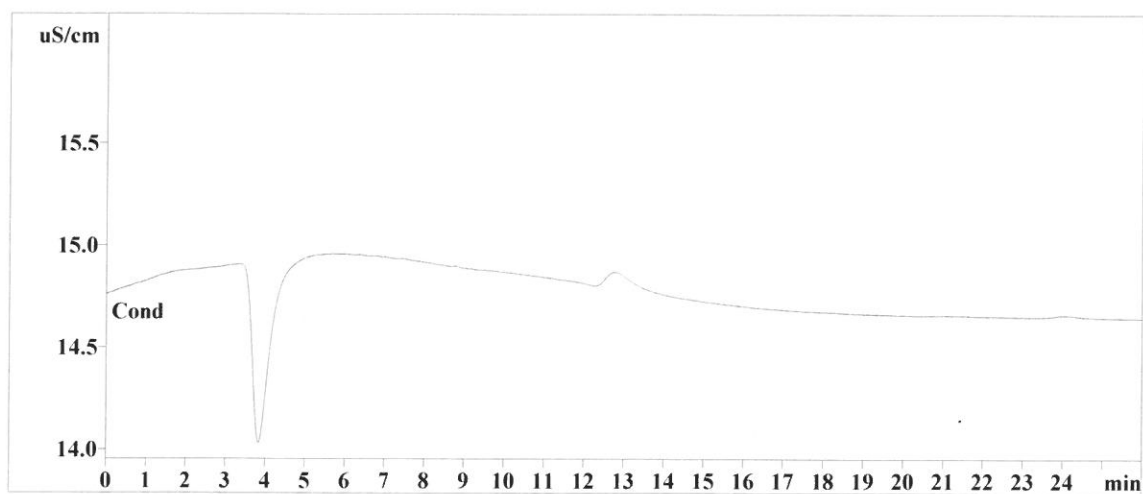
Ident: STD1
Analysis from: 9/18/2017 11:14:33 AM
File: _2017-09-18_

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

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

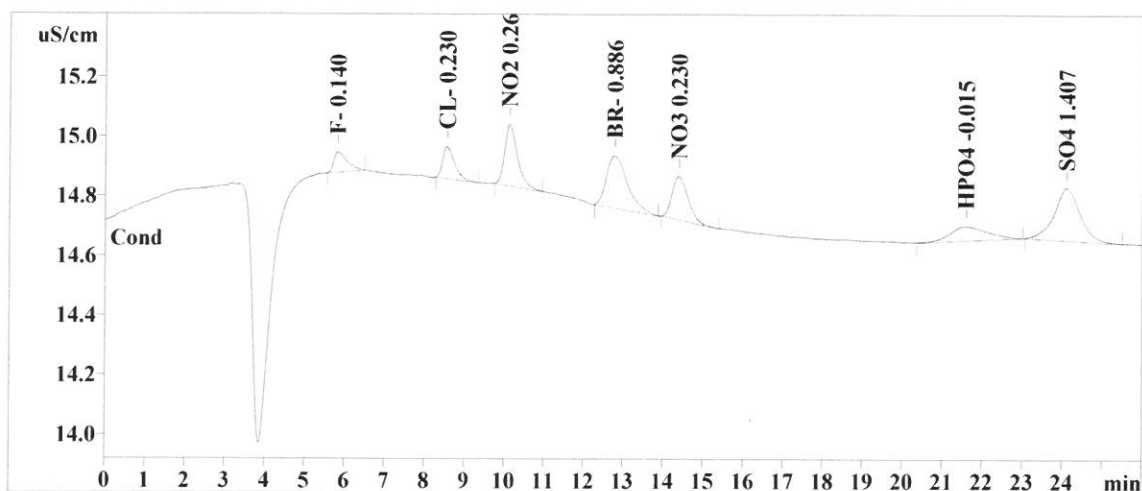
Ident: STD2
Analysis from: 9/18/2017 11:43:29 AM
File: _2017-09-18_

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

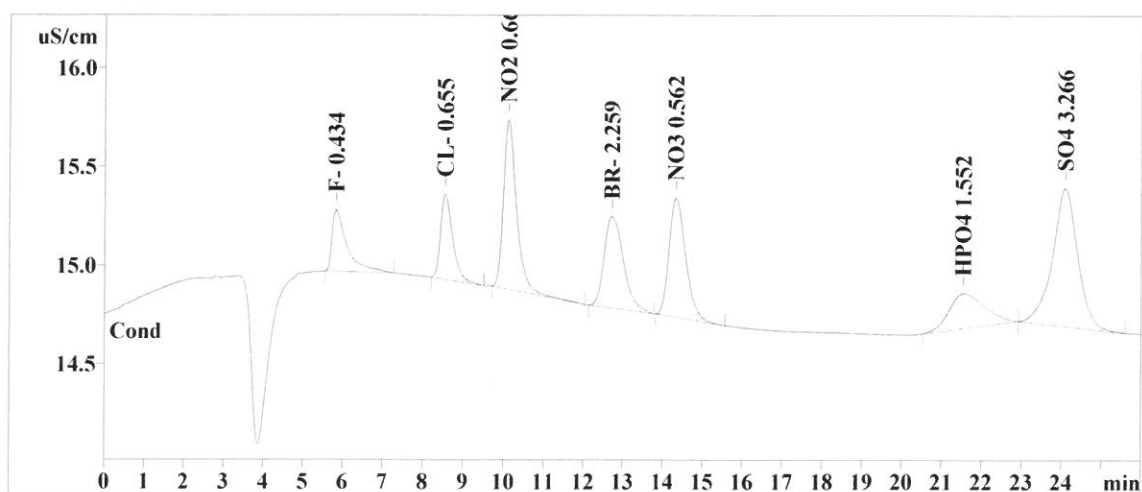
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Analysis from: 9/18/2017 12:12:24 PM
File: _2017-09-18_

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

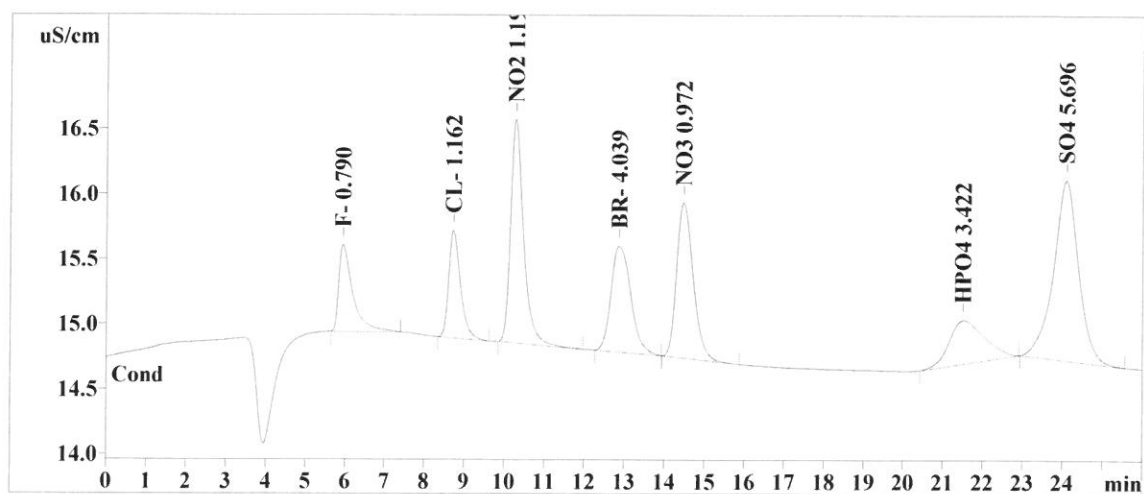
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Analysis from: 9/18/2017 12:41:20 PM
File: _2017-09-18_

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

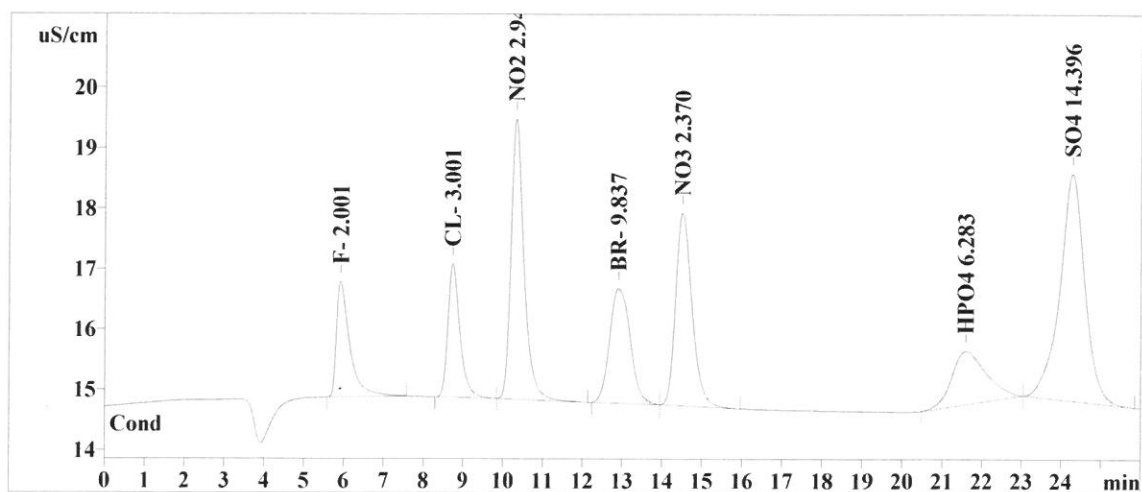
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Analysis from: 9/18/2017 1:10:15 PM
File: _2017-09-18_

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

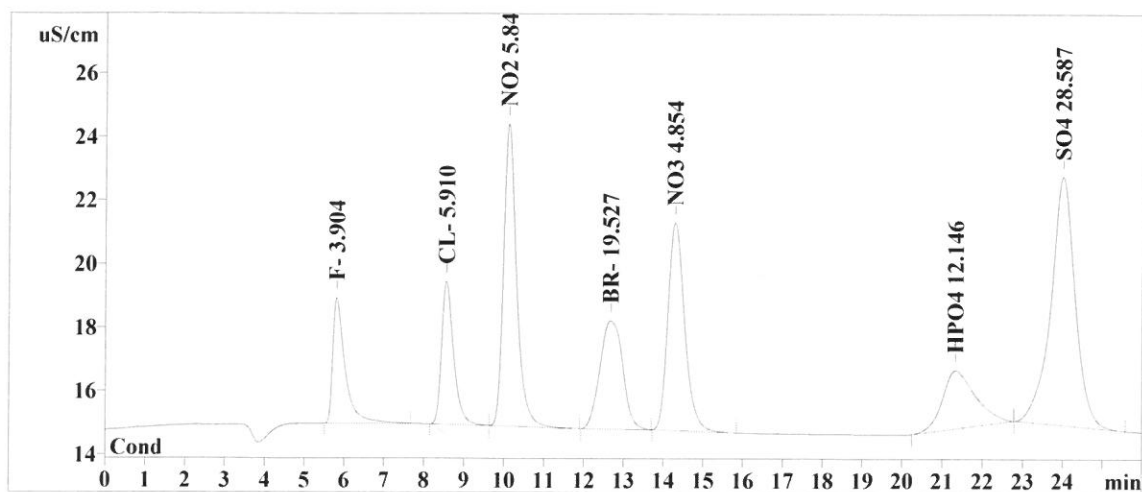
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Analysis from: 9/18/2017 1:39:11 PM
File: _2017-09-18_

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.

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Report date: 9/18/2017 5:34:46 PM
Printed by: wet

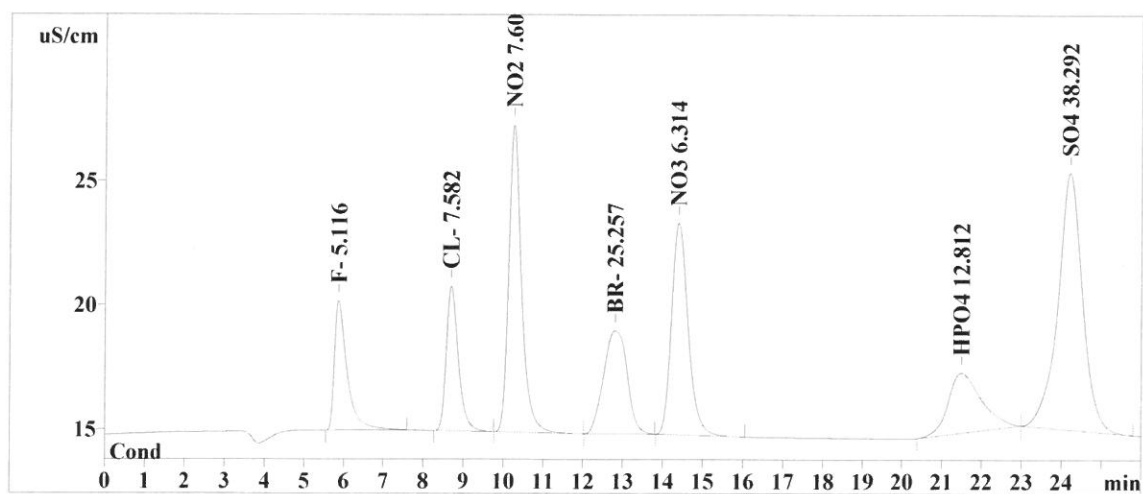
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Analysis from: 9/18/2017 2:08:06 PM
File: _2017-09-18_

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

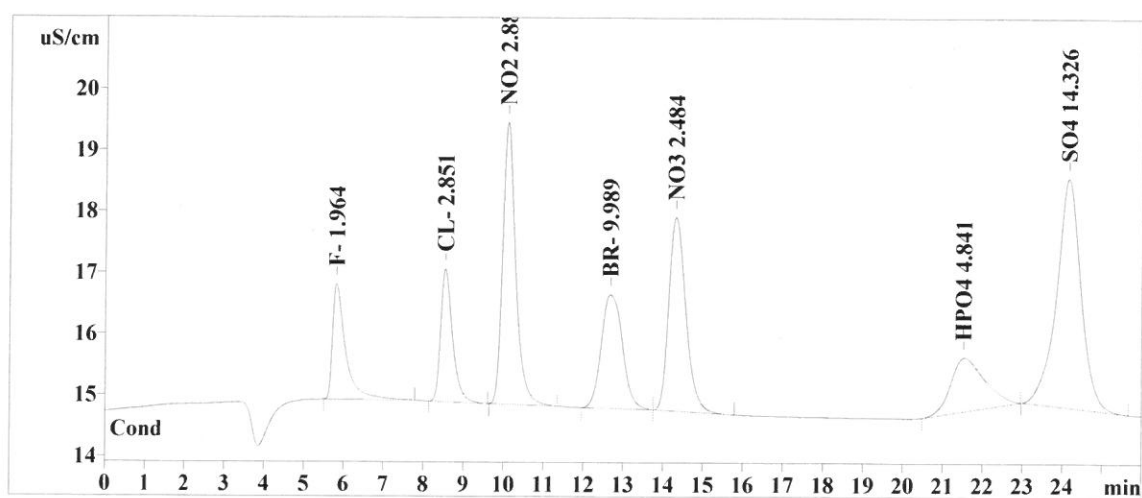
Ident: ICV
Analysis from: 9/18/2017 3:34:53 PM
File: _2017-09-18_

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

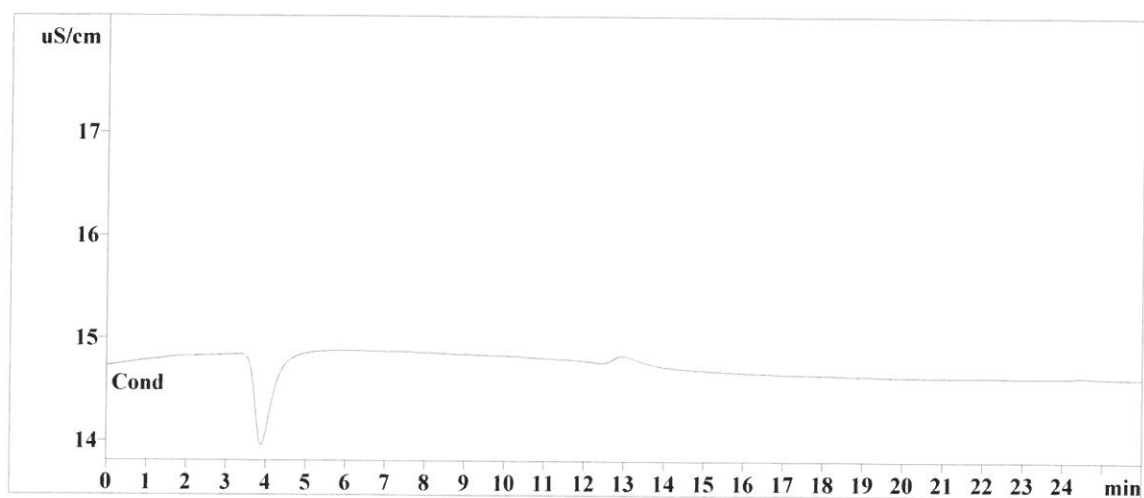
Ident: ICB
Analysis from: 9/18/2017 4:03:48 PM
File: _2017-09-18_

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: 10/6/2017 3:59:02 PM
Printed by: wet

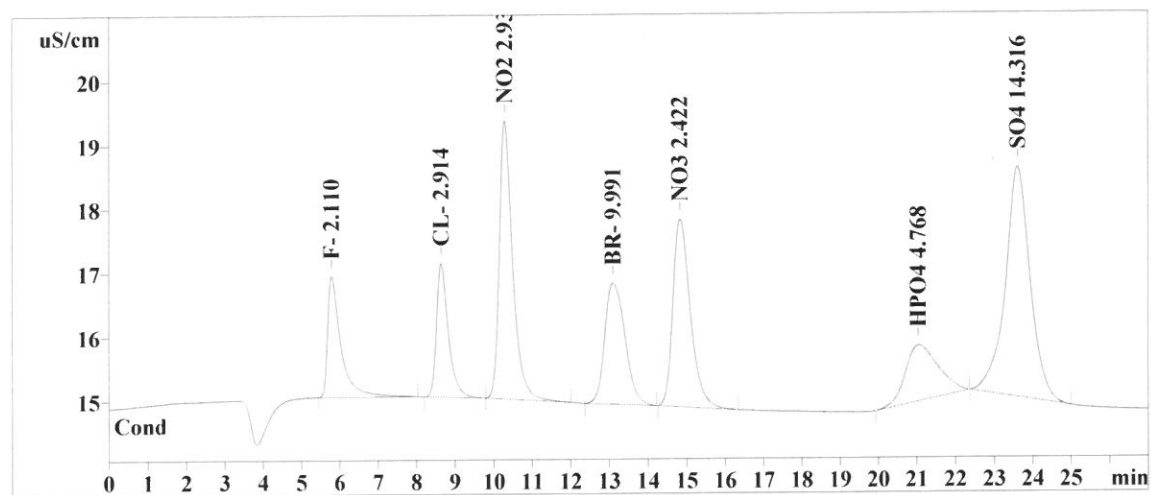
Ident: CCV
Analysis from: 10/3/2017 9:08:02 AM
File: _2017-10-03_

Last save: 10/3/2017 9:34:52 AM

Method: ANIONS 09-18-17.mtw
Run operator: wet
Analysis number: 59259

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	0.327	1.89	10.71	46.410	8.11	0.
2	8.63	0.317	2.09	11.83	45.278	7.91	0.
3	10.29	0.348	4.35	24.67	105.037	18.36	0.
4	13.09	0.572	1.89	10.74	69.297	12.11	0.
5	14.83	0.473	2.94	16.65	92.667	16.20	0.
6	21.04	0.915	0.88	4.97	51.547	9.01	0.
7	23.61	0.643	3.60	20.41	161.929	28.30	0.
7	27.00	0.513	17.63	99.98	572.165	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/6/2017 4:00:41 PM
Printed by: wet

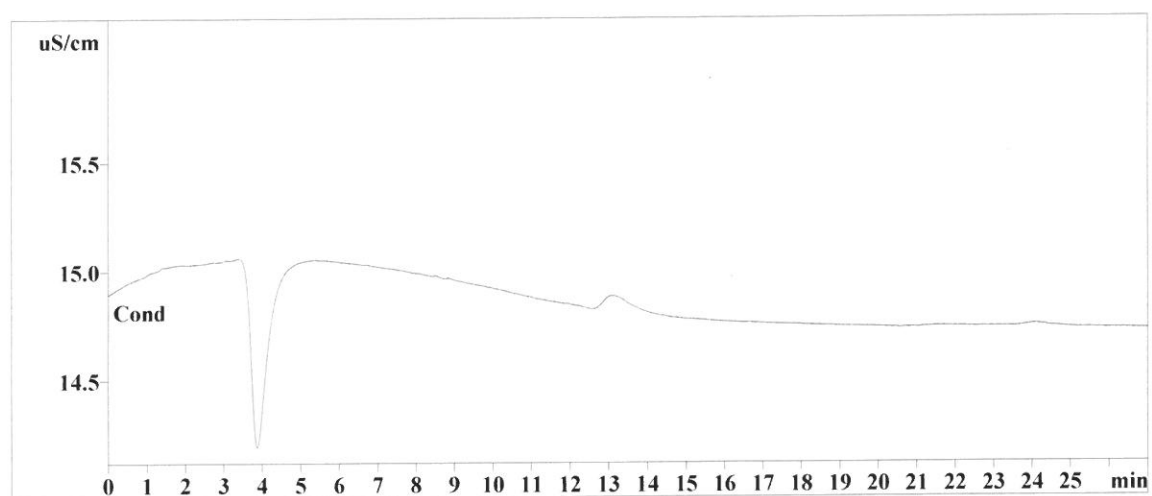
Ident: CCB
Analysis from: 10/3/2017 9:41:30 AM
File: _2017-10-03_

Last save: 10/6/2017 3:59:22 PM

Method: ANIONS 09-18-17.mtw
Run operator: wet
Analysis number: 59260

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: 10/6/2017 4:00:58 PM
Printed by: wet

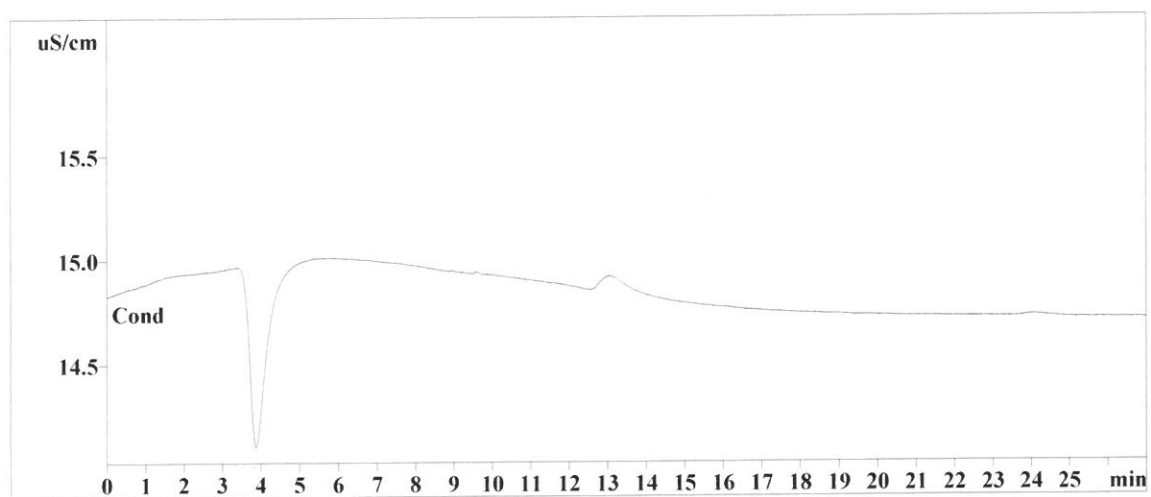
Ident: LB90544BLW
Analysis from: 10/3/2017 10:11:25 AM
File: _2017-10-03_

Last save: 10/6/2017 3:59:24 PM

Method: ANIONS 09-18-17.mtw
Run operator: wet
Analysis number: 59261

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: 10/6/2017 4:01:05 PM
 Printed by: wet

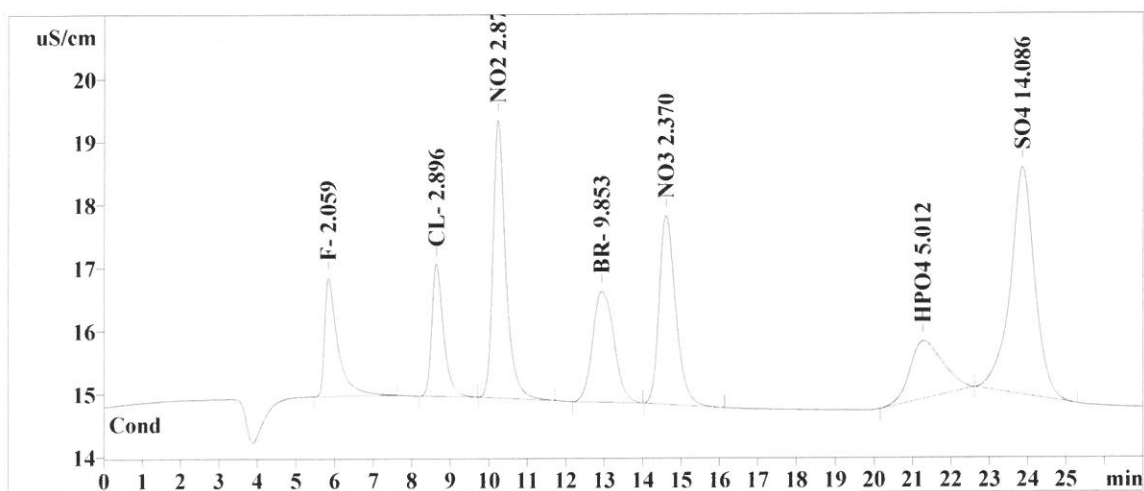
Ident: LB90544BSW
 Analysis from: 10/3/2017 10:41:20 AM
 File: _2017-10-03_

Last save: 10/6/2017 3:58:44 PM

Method: ANIONS 09-18-17.mtw
 Run operator: wet
 Analysis number: 59262

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	0.325	1.87	10.61	45.244	8.00	0.
2	8.63	0.313	2.10	11.89	45.000	7.96	0.
3	10.23	0.336	4.41	24.97	102.900	18.19	0.
4	12.92	0.608	1.76	9.96	68.369	12.09	0.
5	14.60	0.454	2.99	16.96	90.619	16.02	0.
6	21.26	0.924	0.91	5.18	54.220	9.59	0.
7	23.86	0.628	3.60	20.41	159.219	28.15	0.
7	27.00	0.513	17.65	99.99	565.572	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 10/6/2017 4:01:20 PM
Printed by: wet

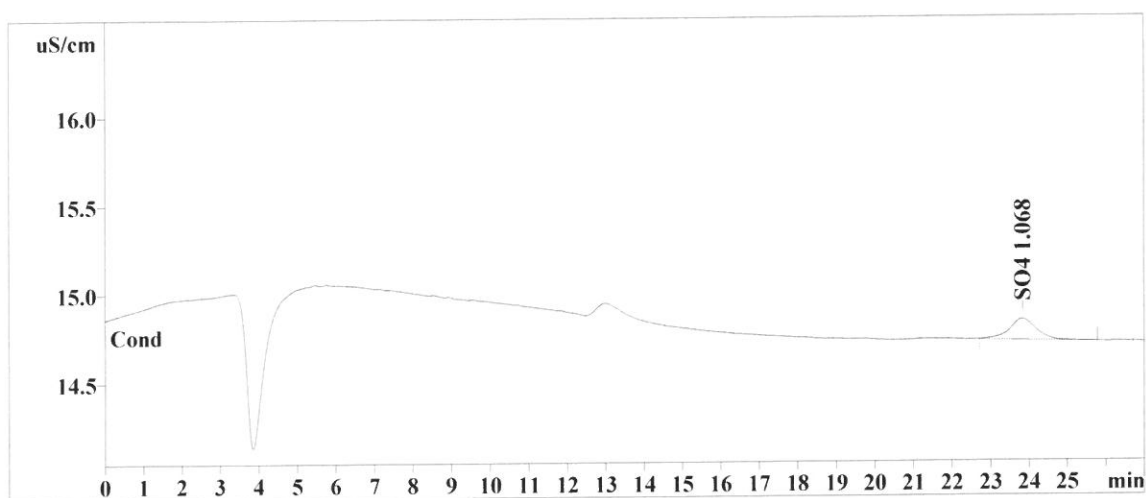
Ident: I5632-02
Analysis from: 10/3/2017 1:39:37 PM
File: _2017-10-03_

Last save: 10/3/2017 5:01:14 PM

Method: ANIONS 09-18-17.mtw
Run operator: wet
Analysis number: 59266

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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	0.00	0.000	0.00	0.00	0.000	0.00	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	23.83	0.694	0.12	99.22	5.806	100.00	0.
7	27.00	0.099	0.12	99.22	5.806	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/6/2017 4:01:28 PM
Printed by: wet

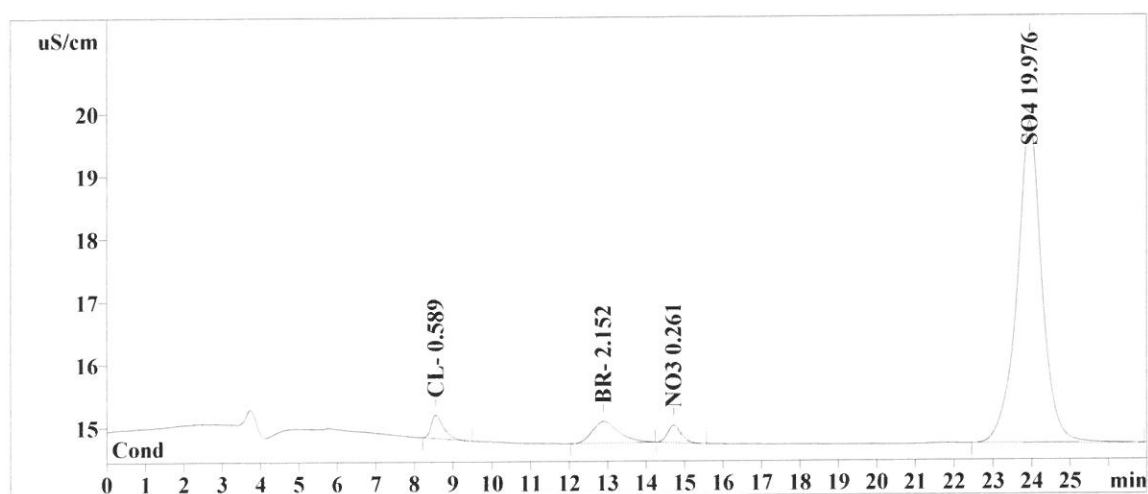
Ident: I5632-03
Analysis from: 10/3/2017 2:09:32 PM
File: _2017-10-03_

Last save: 10/3/2017 5:01:14 PM

Method: ANIONS 09-18-17.mtw
Run operator: wet
Analysis number: 59267

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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.55	0.334	0.37	6.06	8.321	3.20	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	12.89	0.720	0.35	5.67	16.537	6.35	0.
5	14.72	0.372	0.28	4.53	6.779	2.60	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	23.96	0.629	5.12	83.69	228.632	87.84	0.
7	27.00	0.294	6.11	99.95	260.269	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/6/2017 4:01:36 PM
Printed by: wet

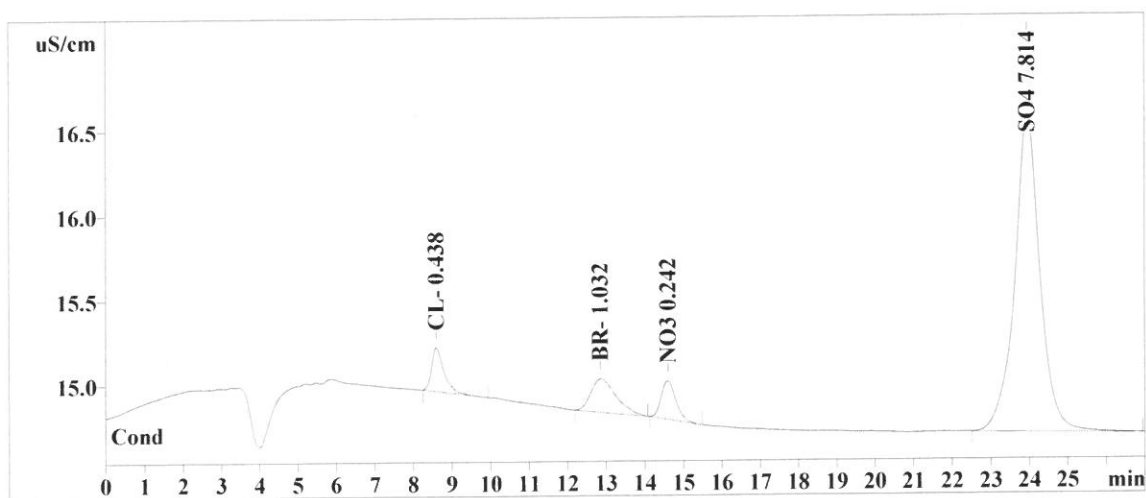
Ident: I5632-04
Analysis from: 10/3/2017 2:39:27 PM
File: _2017-10-03_

Last save: 10/3/2017 5:01:14 PM

Method: ANIONS 09-18-17.mtw
Run operator: wet
Analysis number: 59268

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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.59	0.326	0.26	10.09	5.917	5.57	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	12.86	0.693	0.20	7.73	9.000	8.47	0.
5	14.59	0.402	0.23	8.91	6.026	5.67	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	23.96	0.634	1.88	73.18	85.299	80.29	0.
7	27.00	0.294	2.56	99.92	106.243	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/6/2017 4:01:47 PM
Printed by: wet

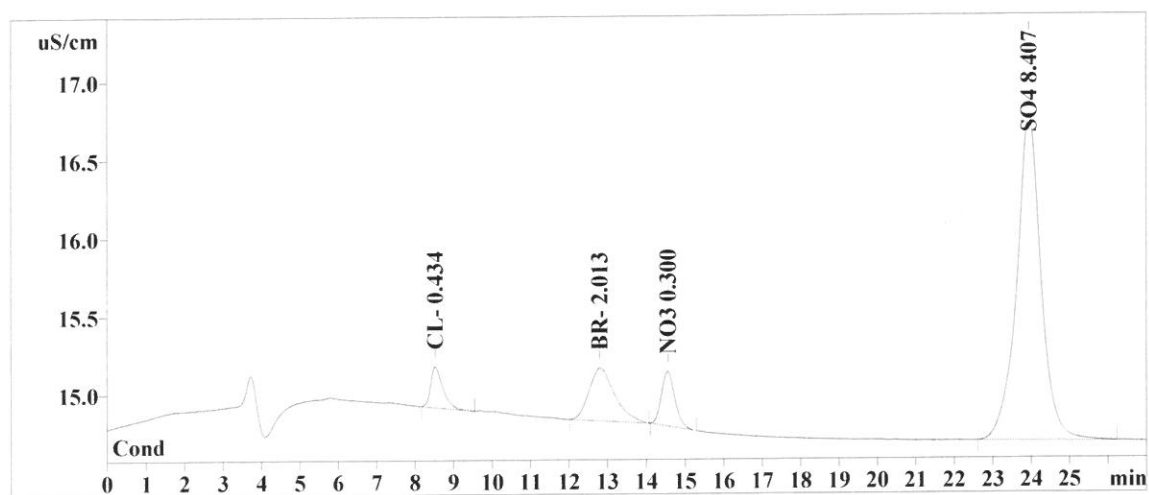
Ident: I5632-07
Analysis from: 10/3/2017 3:09:22 PM
File: _2017-10-03_

Last save: 10/3/2017 5:01:14 PM

Method: ANIONS 09-18-17.mtw
Run operator: wet
Analysis number: 59269

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	8.53	0.328	0.26	8.64	5.857	4.80	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	12.81	0.693	0.34	11.17	15.604	12.78	0.
5	14.56	0.365	0.35	11.49	8.350	6.84	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	23.95	0.623	2.09	68.64	92.292	75.59	0.
7	27.00	0.287	3.04	99.94	122.103	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/6/2017 4:01:53 PM
Printed by: wet

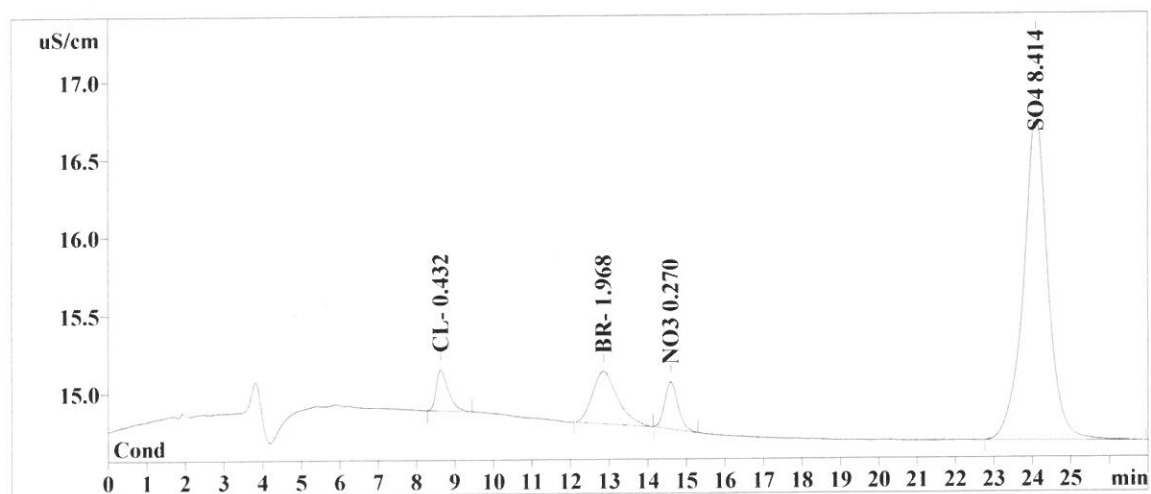
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Analysis from: 10/3/2017 3:39:17 PM
File: _2017-10-03_

Last save: 10/3/2017 5:01:14 PM

Method: ANIONS 09-18-17.mtw
Run operator: wet
Analysis number: 59270

Last save: 9/21/2017 12:16:58 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.63	0.328	0.26	8.76	5.820	4.82	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	12.85	0.685	0.34	11.24	15.300	12.68	0.
5	14.60	0.364	0.30	10.01	7.158	5.93	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.11	0.620	2.10	69.88	92.374	76.56	0.
7	27.00	0.285	3.00	99.89	120.652	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/6/2017 4:02:00 PM
Printed by: wet

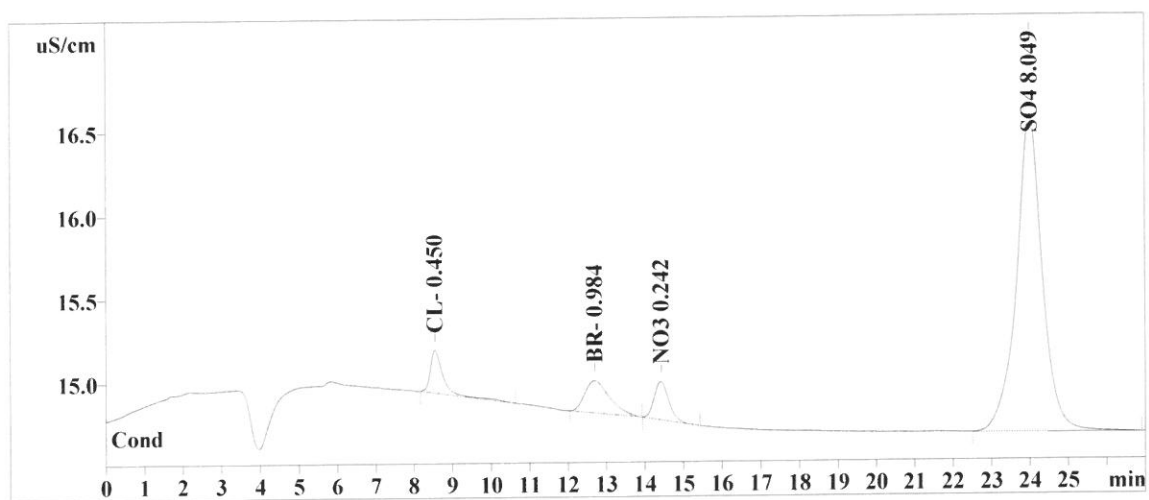
Ident: I5632-04DUP
Analysis from: 10/3/2017 4:09:12 PM
File: _2017-10-03_

Last save: 10/3/2017 5:01:14 PM

Method: ANIONS 09-18-17.mtw
Run operator: wet
Analysis number: 59271

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	8.54	0.317	0.26	9.95	6.111	5.61	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	12.69	0.692	0.19	7.50	8.679	7.97	0.
5	14.42	0.404	0.23	8.86	6.032	5.54	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.01	0.650	1.89	73.62	88.076	80.88	0.
7	27.00	0.295	2.57	99.93	108.898	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/6/2017 4:02:05 PM
Printed by: wet

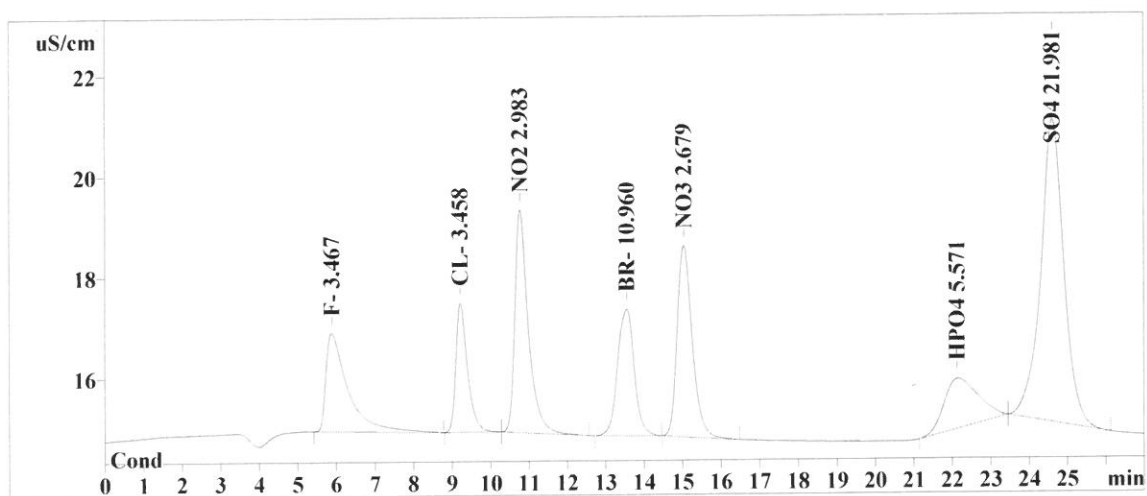
Ident: I5632-05MS
Analysis from: 10/3/2017 4:39:07 PM
File: _2017-10-03_

Last save: 10/3/2017 6:28:38 PM

Method: ANIONS 09-18-17.mtw
Run operator: wet
Analysis number: 59272

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	5.89	0.530	1.94	8.75	77.252	10.59	0.
2	9.21	0.310	2.55	11.51	53.927	7.39	0.
3	10.77	0.343	4.41	19.90	106.901	14.66	0.
4	13.56	0.467	2.50	11.27	75.825	10.40	0.
5	15.04	0.410	3.78	17.06	102.902	14.11	0.
6	22.13	0.972	0.99	4.46	60.348	8.27	0.
7	24.62	0.605	5.99	27.04	252.259	34.58	0.
7	27.00	0.519	22.16	99.98	729.413	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/6/2017 4:02:11 PM
Printed by: wet

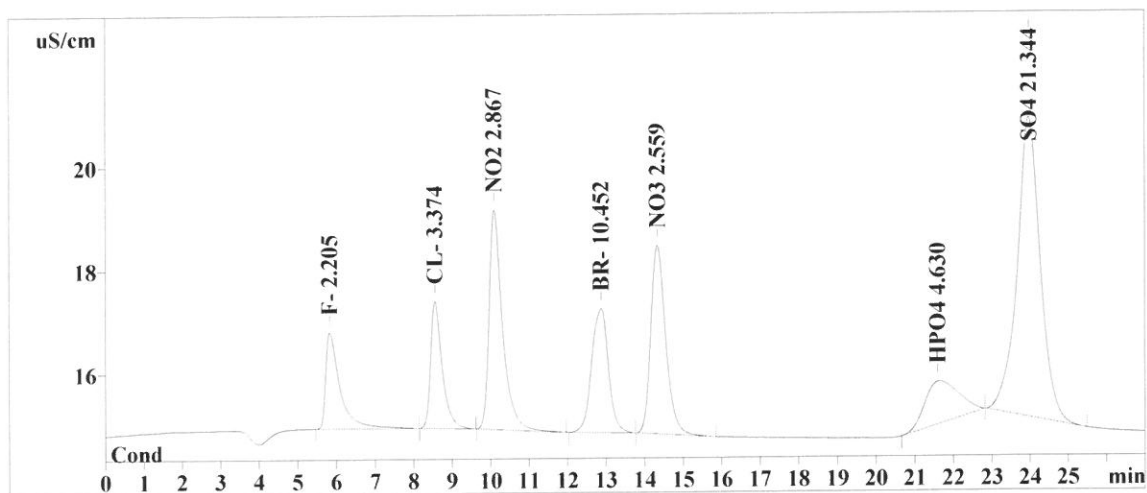
Ident: I5632-06MSD
Analysis from: 10/3/2017 5:09:02 PM
File: _2017-10-03_

Last save: 10/3/2017 5:35:52 PM

Method: ANIONS 09-18-17.mtw
Run operator: wet
Analysis number: 59273

Last save: 9/21/2017 12:16:58 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	5.83	0.345	1.86	8.76	48.570	7.26	0.
2	8.55	0.310	2.46	11.56	52.600	7.86	0.
3	10.10	0.341	4.25	19.98	102.587	15.33	0.
4	12.88	0.464	2.40	11.29	72.403	10.82	0.
5	14.34	0.403	3.65	17.16	98.133	14.67	0.
6	21.60	0.982	0.83	3.90	50.040	7.48	0.
7	23.98	0.605	5.82	27.34	244.750	36.58	0.
7	27.00	0.493	21.27	99.98	669.082	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/6/2017 4:02:17 PM
 Printed by: wet

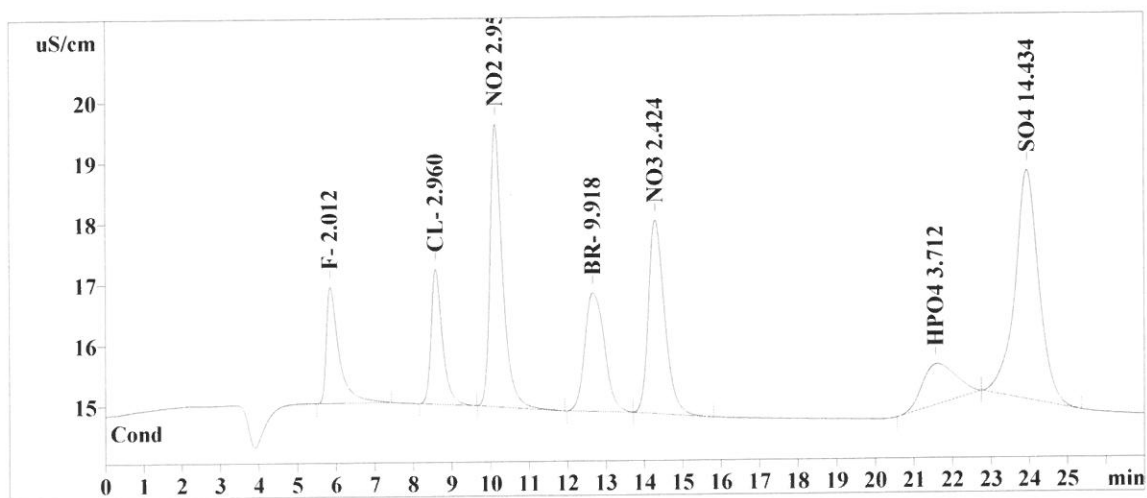
Ident: CCV
 Analysis from: 10/3/2017 5:38:57 PM
 File: _2017-10-03_

Last save: 10/3/2017 6:05:46 PM

Method: ANIONS 09-18-17.mtw
 Run operator: wet
 Analysis number: 59274

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	5.85	0.310	1.91	10.42	44.196	7.88	0.
2	8.58	0.299	2.22	12.10	46.008	8.20	0.
3	10.13	0.324	4.66	25.34	105.854	18.87	0.
4	12.67	0.549	1.95	10.63	68.809	12.27	0.
5	14.29	0.436	3.18	17.33	92.753	16.54	0.
6	21.56	0.969	0.67	3.65	39.972	7.13	0.
7	23.95	0.616	3.77	20.53	163.320	29.12	0.
7	27.00	0.501	18.37	99.99	560.912	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 10/6/2017 4:02:24 PM
Printed by: wet

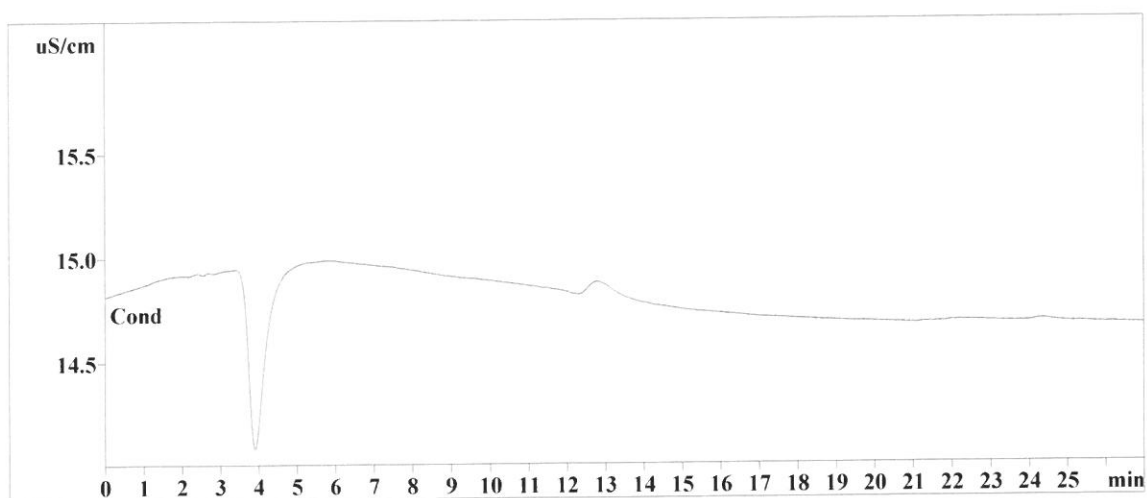
Ident: CCB
Analysis from: 10/3/2017 6:08:52 PM
File: _2017-10-03_

Last save: 10/6/2017 3:59:24 PM

Method: ANIONS 09-18-17.mtw
Run operator: wet
Analysis number: 59275

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: 10/6/2017 4:04:08 PM
Printed by: wet

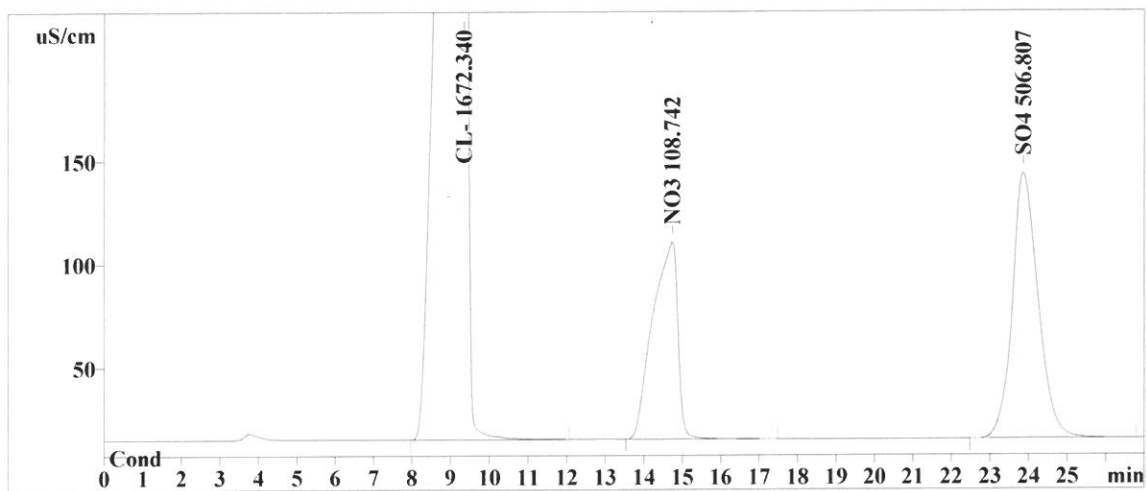
Ident: I5634-01
Analysis from: 10/3/2017 6:38:47 PM
File: _2017-10-03_

Last save: 10/6/2017 4:04:08 PM

Method: ANIONS 09-18-17.mtw
Run operator: wet
Analysis number: 59276

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

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.34	0.737	613.18	73.24	26589.154	72.11	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	14.74	0.773	95.38	11.39	4318.137	11.71	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	23.86	0.688	128.44	15.34	5965.914	16.18	0.
7	27.00	0.314	836.99	99.98	36873.204	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/6/2017 4:04:17 PM
Printed by: wet

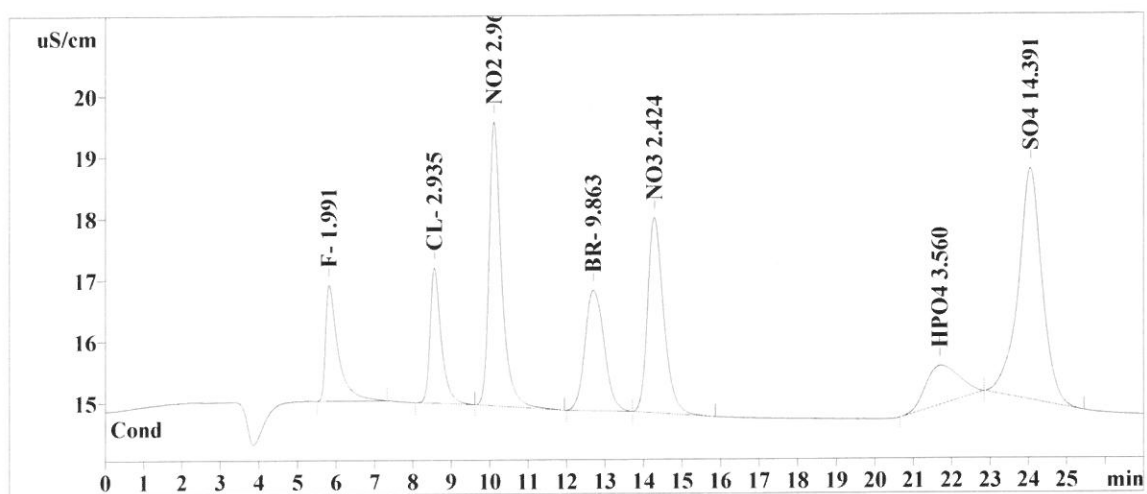
Ident: CCV
Analysis from: 10/3/2017 7:08:42 PM
File: _2017-10-03_

Last save: 10/3/2017 7:35:32 PM

Method: ANIONS 09-18-17.mtw
Run operator: wet
Analysis number: 59277

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	0.313	1.90	10.37	43.698	7.84	0.
2	8.56	0.298	2.21	12.07	45.623	8.18	0.
3	10.12	0.325	4.63	25.30	106.045	19.02	0.
4	12.69	0.541	1.97	10.74	68.438	12.27	0.
5	14.28	0.435	3.18	17.40	92.736	16.63	0.
6	21.67	0.977	0.64	3.48	38.306	6.87	0.
7	24.05	0.614	3.77	20.62	162.810	29.20	0.
7	27.00	0.501	18.30	99.98	557.656	100.00	0.

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Report date: 10/6/2017 4:04:34 PM
Printed by: wet

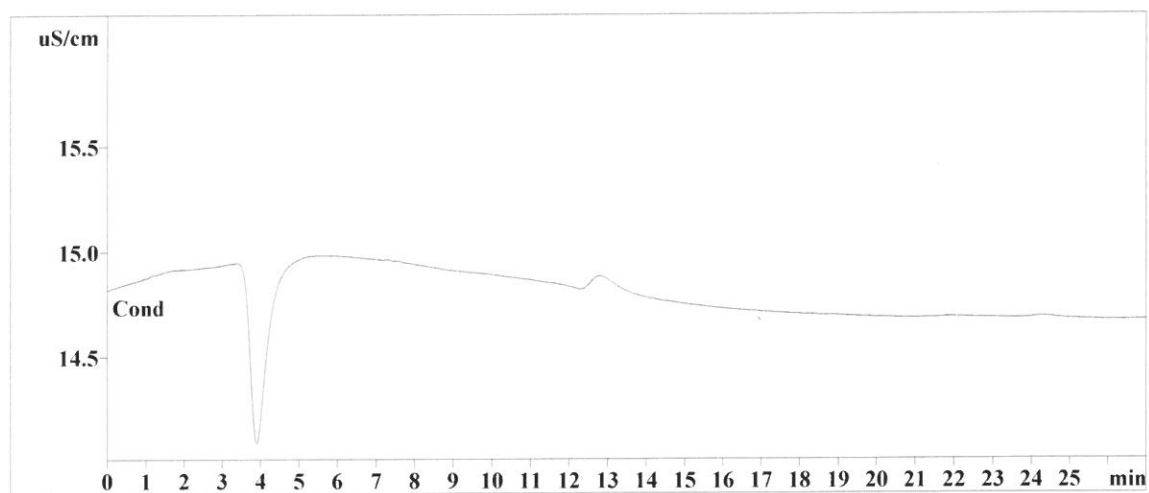
Ident: CCB
Analysis from: 10/3/2017 7:38:37 PM
File: _2017-10-03_

Last save: 10/6/2017 3:59:24 PM

Method: ANIONS 09-18-17.mtw
Run operator: wet
Analysis number: 59278

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

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Report date: 10/6/2017 4:27:15 PM
Printed by: wet

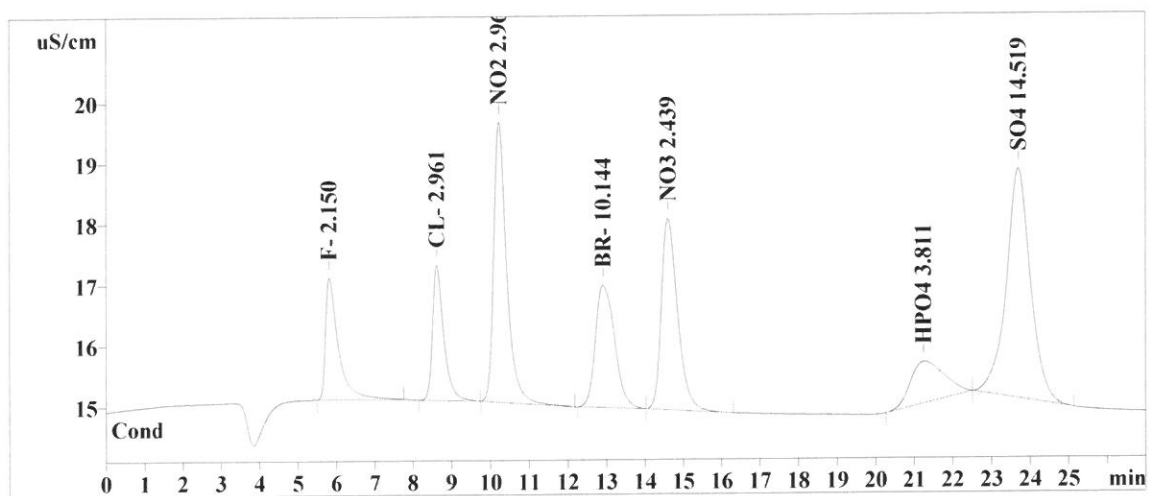
Ident: CCV
Analysis from: 10/6/2017 10:28:04 AM
File: _2017-10-06_

Last save: 10/6/2017 10:54:54 AM

Method: ANIONS 09-18-17.mtw
Run operator: wet
Analysis number: 59313

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

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.81	0.317	2.00	10.85	47.324	8.32	0.
2	8.62	0.300	2.22	12.05	46.026	8.10	0.
3	10.22	0.330	4.61	24.98	106.056	18.66	0.
4	12.91	0.548	2.01	10.90	70.332	12.37	0.
5	14.60	0.445	3.14	17.04	93.351	16.42	0.
6	21.23	0.972	0.68	3.69	41.063	7.22	0.
7	23.70	0.627	3.78	20.47	164.324	28.91	0.
7	27.00	0.506	18.45	99.99	568.476	100.00	0.

This report has been created by IC Net
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Report date: 10/6/2017 4:27:27 PM
Printed by: wet

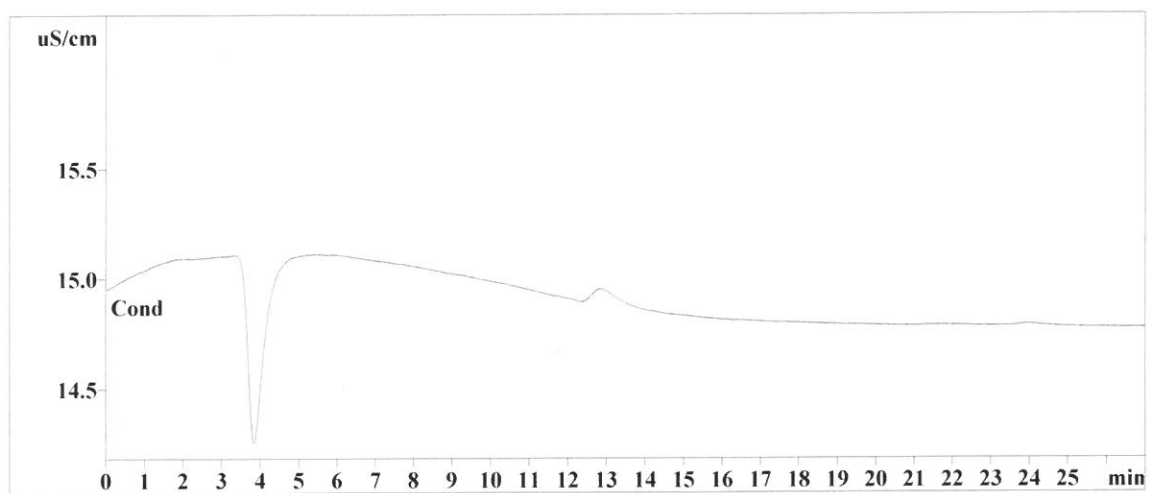
Ident: CCB
Analysis from: 10/6/2017 10:57:59 AM
File: _2017-10-06_

Last save: 10/6/2017 4:27:10 PM

Method: ANIONS 09-18-17.mtw
Run operator: wet
Analysis number: 59314

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: 10/6/2017 4:27:34 PM
Printed by: wet

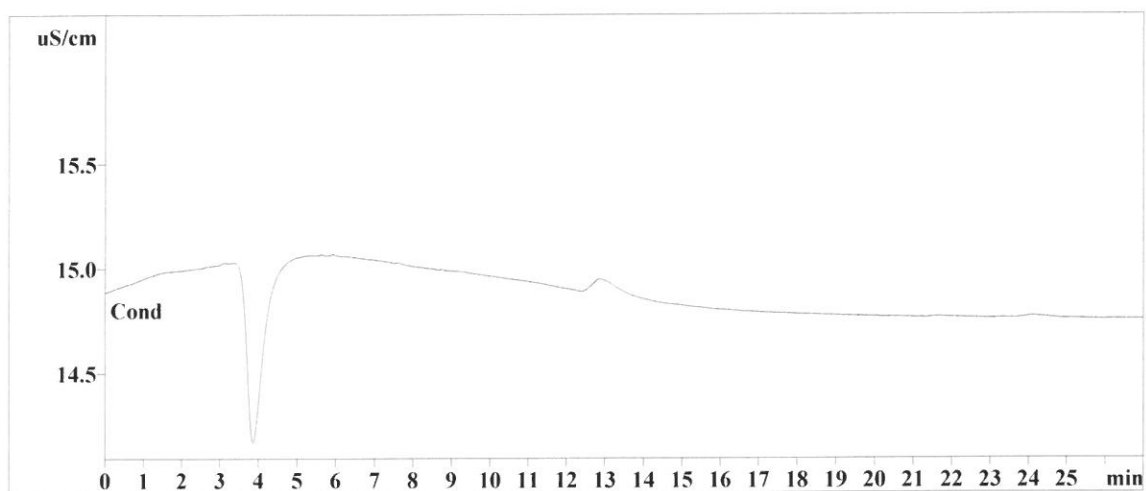
Ident: LB90544BLW
Analysis from: 10/6/2017 11:27:54 AM
File: _2017-10-06_

Last save: 10/6/2017 4:27:10 PM

Method: ANIONS 09-18-17.mtw
Run operator: wet
Analysis number: 59315

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: 10/6/2017 4:27:41 PM
Printed by: wet

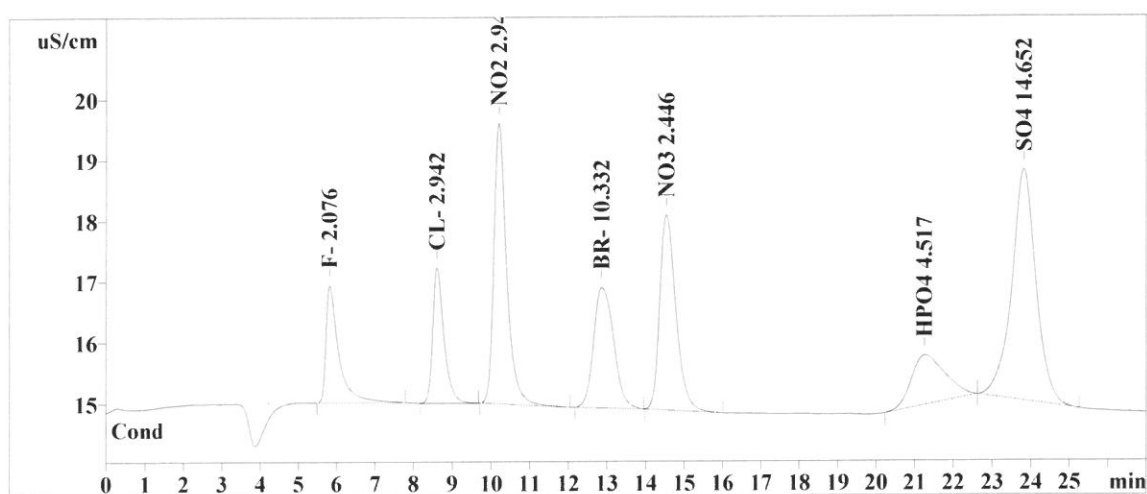
Ident: LB90544BSW
Analysis from: 10/6/2017 1:07:14 PM
File: _2017-10-06_

Last save: 10/6/2017 4:26:42 PM

Method: ANIONS 09-18-17.mtw
Run operator: wet
Analysis number: 59318

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	5.82	0.316	1.92	10.35	45.644	7.91	0.
2	8.61	0.302	2.22	11.98	45.729	7.93	0.
3	10.20	0.329	4.62	24.88	105.617	18.31	0.
4	12.87	0.567	1.98	10.66	71.596	12.41	0.
5	14.54	0.439	3.21	17.28	93.609	16.23	0.
6	21.24	0.948	0.81	4.36	48.798	8.46	0.
7	23.82	0.629	3.80	20.48	165.892	28.76	0.
7	27.00	0.504	18.56	99.99	576.885	100.00	0.

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Report date: 10/6/2017 4:49:23 PM
Printed by: wet

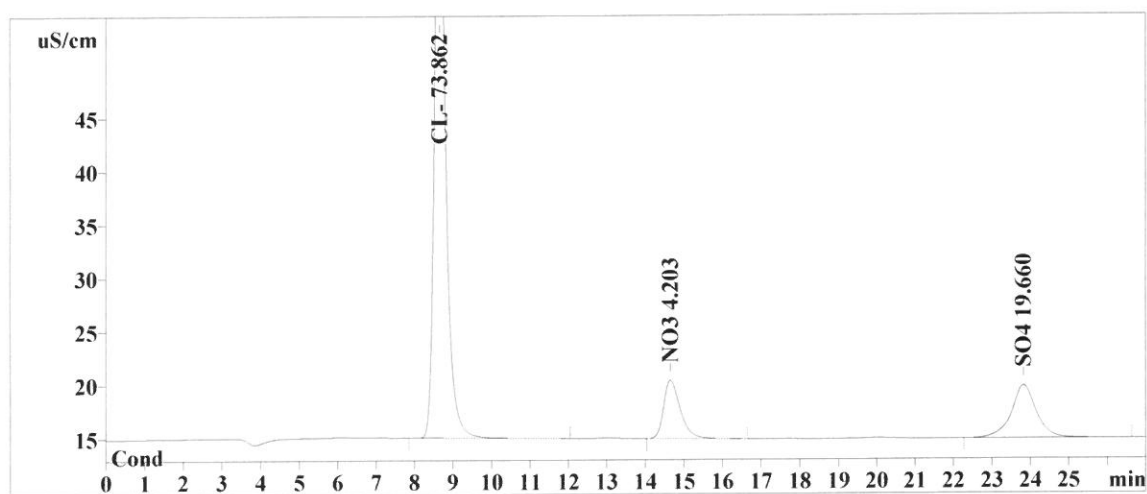
Ident: I5634-01DLX20
Analysis from: 10/6/2017 4:20:25 PM
File: _2017-10-06_

Last save: 10/6/2017 4:49:20 PM

Method: ANIONS 09-18-17.mtw
Run operator: wet
Analysis number: 59320

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	8.65	0.284	59.78	85.20	1173.361	75.13	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	14.65	0.446	5.45	7.77	163.439	10.47	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	23.82	0.637	4.94	7.04	224.905	14.40	0.
7	27.00	0.195	70.16	100.00	1561.705	100.00	0.

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Report date: 10/6/2017 5:51:16 PM
Printed by: wet

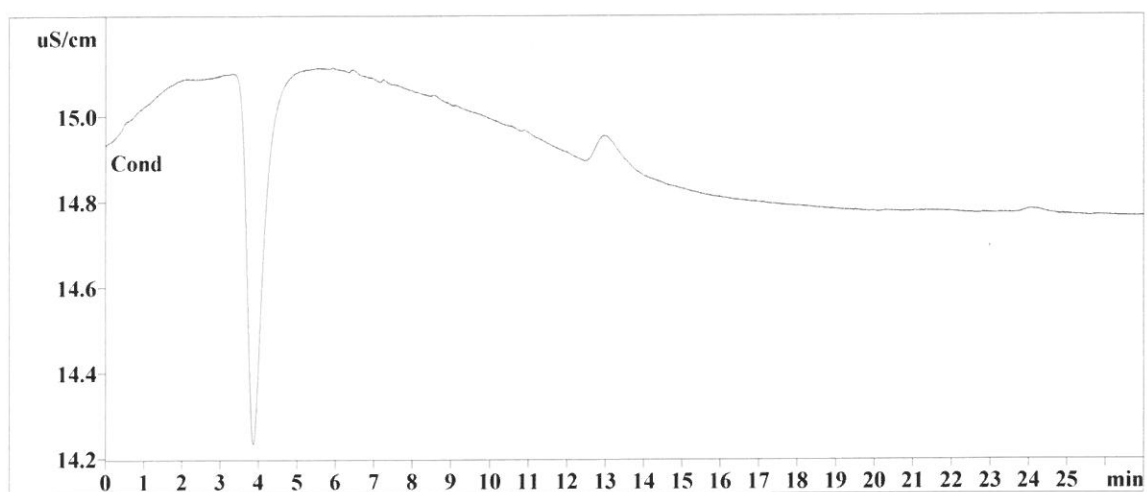
Ident: CCB
Analysis from: 10/6/2017 5:21:53 PM
File: _2017-10-06_

Last save: 10/6/2017 5:51:12 PM

Method: ANIONS 09-18-17.mtw
Run operator: wet
Analysis number: 59322

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: 10/6/2017 5:51:59 PM
Printed by: wet

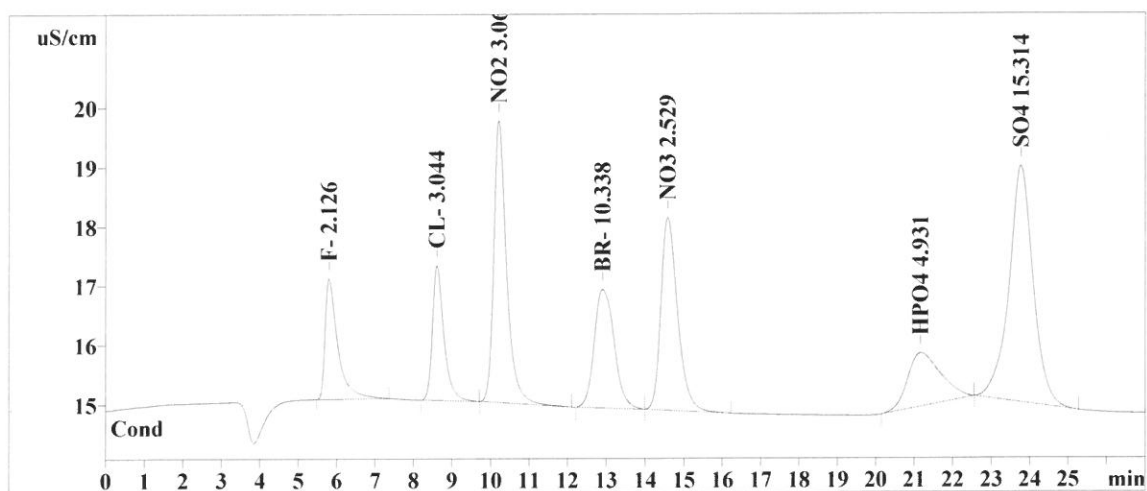
Ident: CCV
Analysis from: 10/6/2017 4:51:34 PM
File: _2017-10-06_

Last save: 10/6/2017 5:18:24 PM

Method: ANIONS 09-18-17.mtw
Run operator: wet
Analysis number: 59321

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	0.317	2.03	10.58	46.775	7.80	0.
2	8.60	0.302	2.27	11.82	47.344	7.89	0.
3	10.21	0.331	4.75	24.77	109.990	18.34	0.
4	12.90	0.559	2.00	10.42	71.637	11.95	0.
5	14.58	0.447	3.25	16.93	96.921	16.16	0.
6	21.16	0.922	0.90	4.69	53.334	8.89	0.
7	23.77	0.625	3.98	20.78	173.689	28.96	0.
7	27.00	0.501	19.17	99.99	599.690	100.00	0.

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