

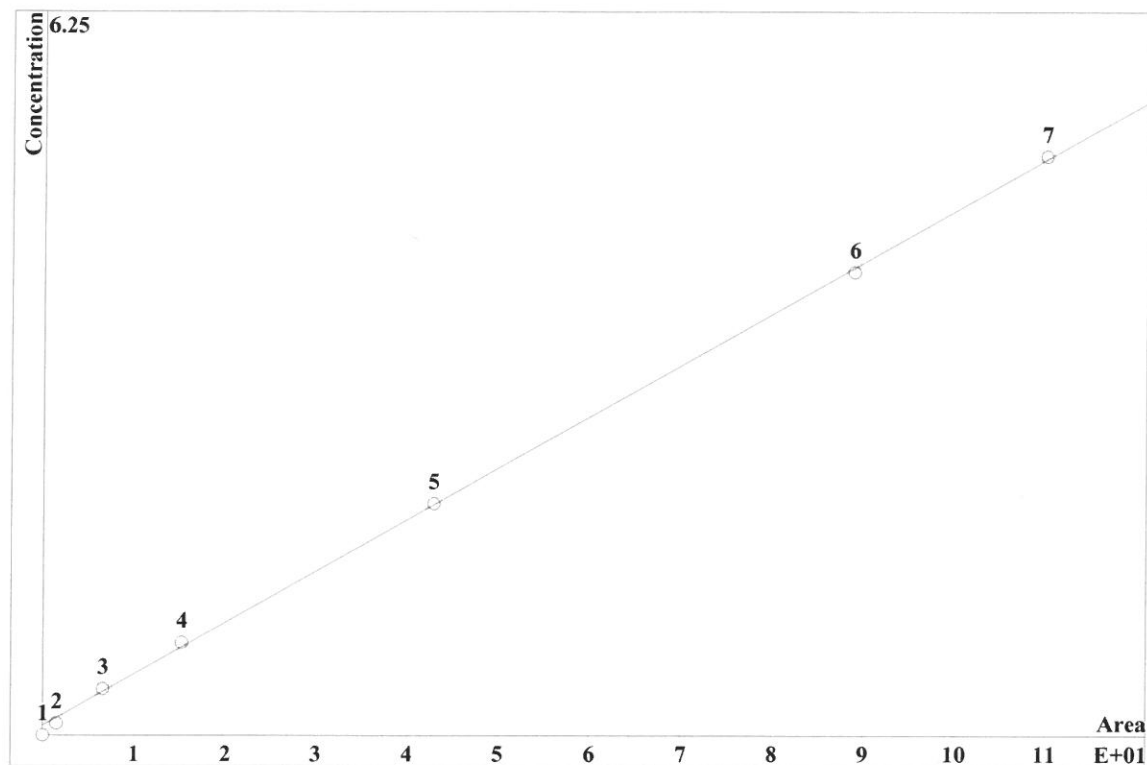
IC-1 9056
3-15-18 Alk

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	_2018-02-19_	2/19/18 11:21
STD2	0.1530	0.2160	0.2320	0.8500	0.1930	0.0070	1.3040	_2018-02-19_	2/19/18 11:52
STD3	0.4360	0.6240	0.6410	2.2130	0.5170	0.7800	3.2090	_2018-02-19_	2/19/18 12:23
STD4	0.8170	1.2010	1.1690	4.0340	0.9860	2.0620	5.8360	_2018-02-19_	2/19/18 12:54
STD5	1.9920	2.8750	2.9130	9.8280	2.4220	5.5380	14.0800	_2018-02-19_	2/19/18 13:25
STD6	4.1930	5.9790	5.9750	20.0250	4.9940	10.5130	29.6150	_2018-02-19_	2/19/18 13:56
STD7	5.1930	7.3900	7.3720	24.7180	6.1980	12.8810	37.3940	_2018-02-19_	2/19/18 14:27
ICV	2.1270	2.9250	2.9570	9.7670	2.4380	4.9700	15.3760	_2018-02-20_	2/20/18 10:46
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-02-20_	2/20/18 11:28
CCV	2.0730	2.9980	2.9910	9.9500	2.4780	5.1960	14.1680	_2018-03-13_	3/13/18 16:09
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-03-13_	3/13/18 16:47
LB93918BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-03-13_	3/13/18 17:19
LB93918BSW	2.1170	2.8650	2.9580	9.9150	2.4480	5.4190	14.8200	_2018-03-13_	3/13/18 17:51
J1900-06	3.6010	363.2530	0.0000	8.6280	0.0000	0.0000	127.6970	_2018-03-13_	3/13/18 18:23
J1900-12	0.0000	56.5110	0.0000	0.0000	28.1250	2.0330	0.0000	_2018-03-13_	3/13/18 18:55
J1900-16	0.0000	0.0000	2.8420	0.0000	0.0000	0.0000	0.0000	_2018-03-13_	3/13/18 19:27
J1900-06DLX5	0.6940	66.6180	0.0000	1.9970	0.0000	0.0000	22.4770	_2018-03-13_	3/13/18 19:59
J1900-06DL2X100	0.0000	2.4240	0.0000	0.0000	0.0000	0.0000	1.6460	_2018-03-13_	3/13/18 20:31
CCV	2.0620	3.0910	3.1170	9.8330	2.4550	5.2780	14.8840	_2018-03-13_	3/13/18 21:02
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-03-13_	3/13/18 21:34
CCV	1.9820	2.9510	3.0160	9.9820	2.4880	5.2970	14.5250	_2018-03-14_	3/14/18 14:35
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-03-14_	3/14/18 15:07
LB93918BLW2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-03-14_	3/14/18 15:39
LB93918BSW2	2.0050	2.8210	2.8880	9.3930	2.3890	5.3140	14.5190	_2018-03-14_	3/14/18 16:10
J1900-12DLX5	0.0000	9.3470	0.0000	0.0000	4.5670	0.2960	0.0000	_2018-03-14_	3/14/18 18:18
CCV	2.0460	2.9710	3.0400	10.0580	2.4510	5.3890	14.4210	_2018-03-14_	3/14/18 18:50
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-03-14_	3/14/18 19:22

CALIBRATION OF COMPONENT F-

Method: ANIONS 02-19-18.mtw
 Equation: $Q = 0.888792 \cdot A + 1.72329$
 RSD: 1.957 %
 Correlation coefficient: 0.999844



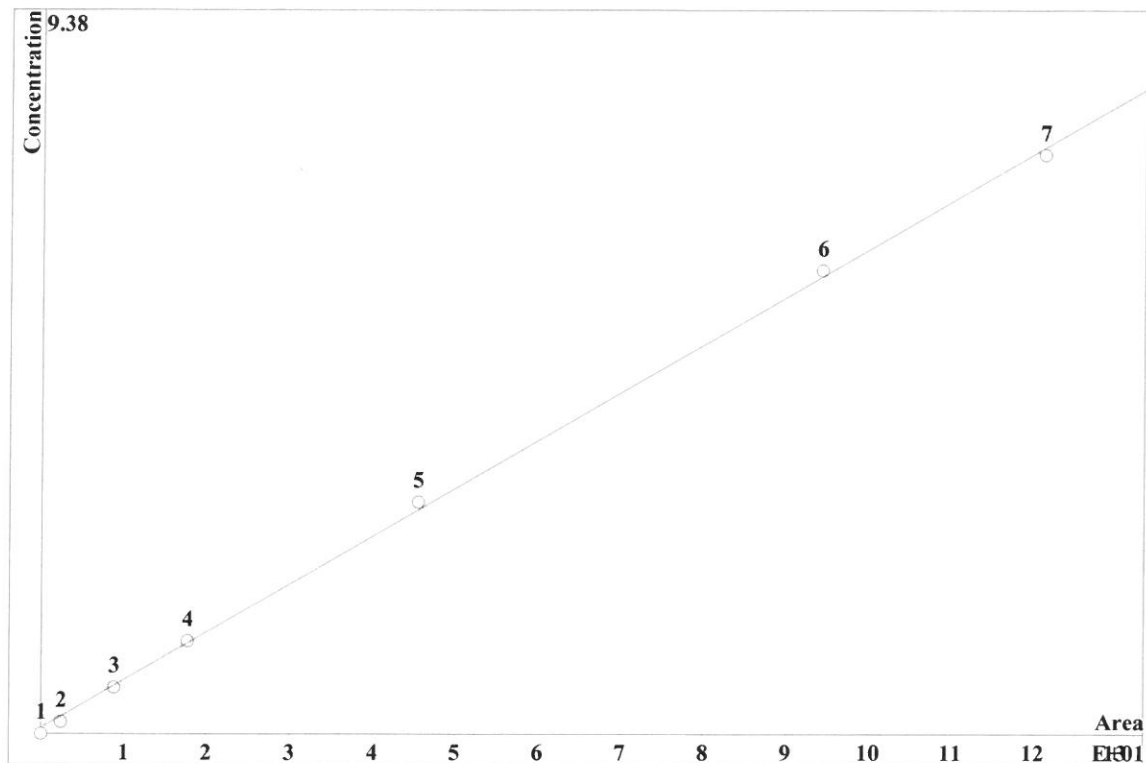
K3 = 0 K2 = 0 K1 = 0.888792 K0 = 1.72329

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	0.07393	1.441	0.1	20	5.921		Yes
3	0.3473	6.589	0.4	20	5.921		Yes
4	0.785	15.21	0.8	20	5.921		Yes
5	2.17	42.89	2	20	5.921		Yes
6	4.625	88.94	4	20	5.921		Yes
7	5.995	110.1	5	20	5.921		Yes

CALIBRATION OF COMPONENT CL-

Method: ANIONS 02-19-18.mtw
 Equation: $Q = 1.23947 \cdot A + 1.59291$
 RSD: 2.896 %
 Correlation coefficient: 0.999658



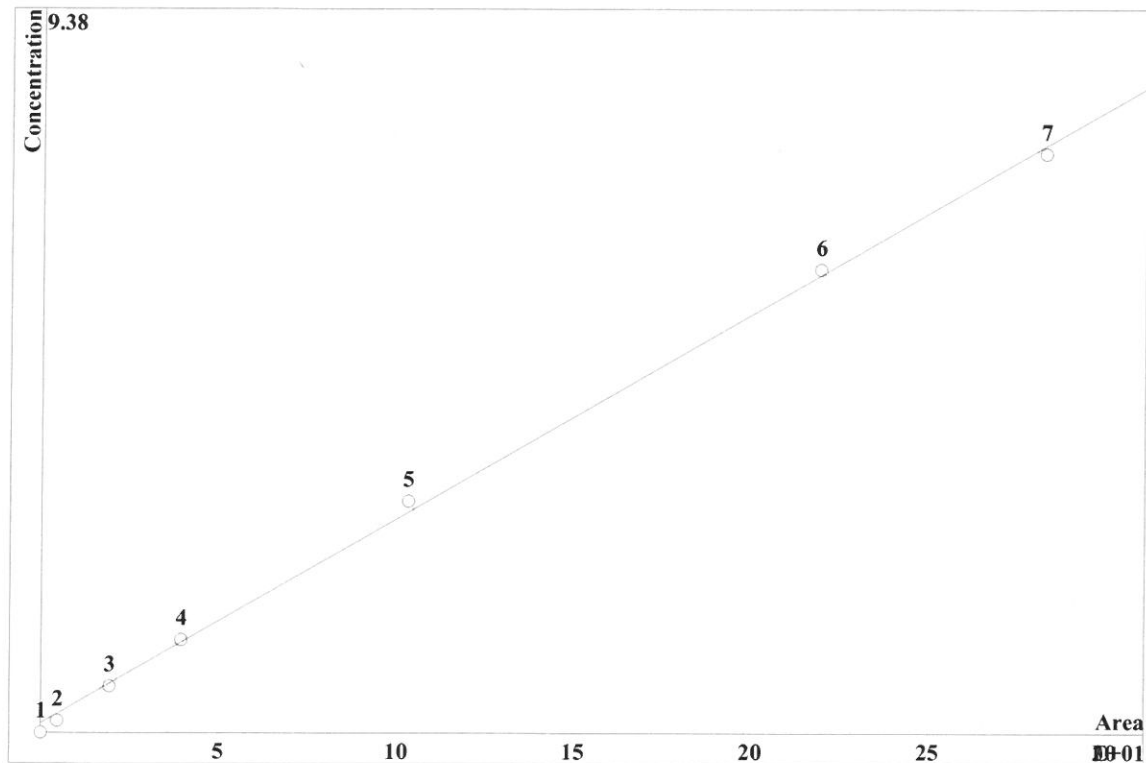
K3 = 0 K2 = 0 K1 = 1.23947 K0 = 1.59291

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	0.1373	2.334	0.15	20	8.982	Yes	
3	0.5373	8.835	0.6	20	8.982	Yes	
4	1.088	17.72	1.2	20	8.982	Yes	
5	2.788	45.51	3	20	8.982	Yes	
6	5.877	94.31	6	20	8.982	Yes	
7	7.609	121.3	7.5	20	8.982	Yes	

CALIBRATION OF COMPONENT NO2

Method: ANIONS 02-19-18.mtw
 Equation: $Q = 0.529462 \cdot A + 2.48671$
 RSD: 3.583 %
 Correlation coefficient: 0.999476



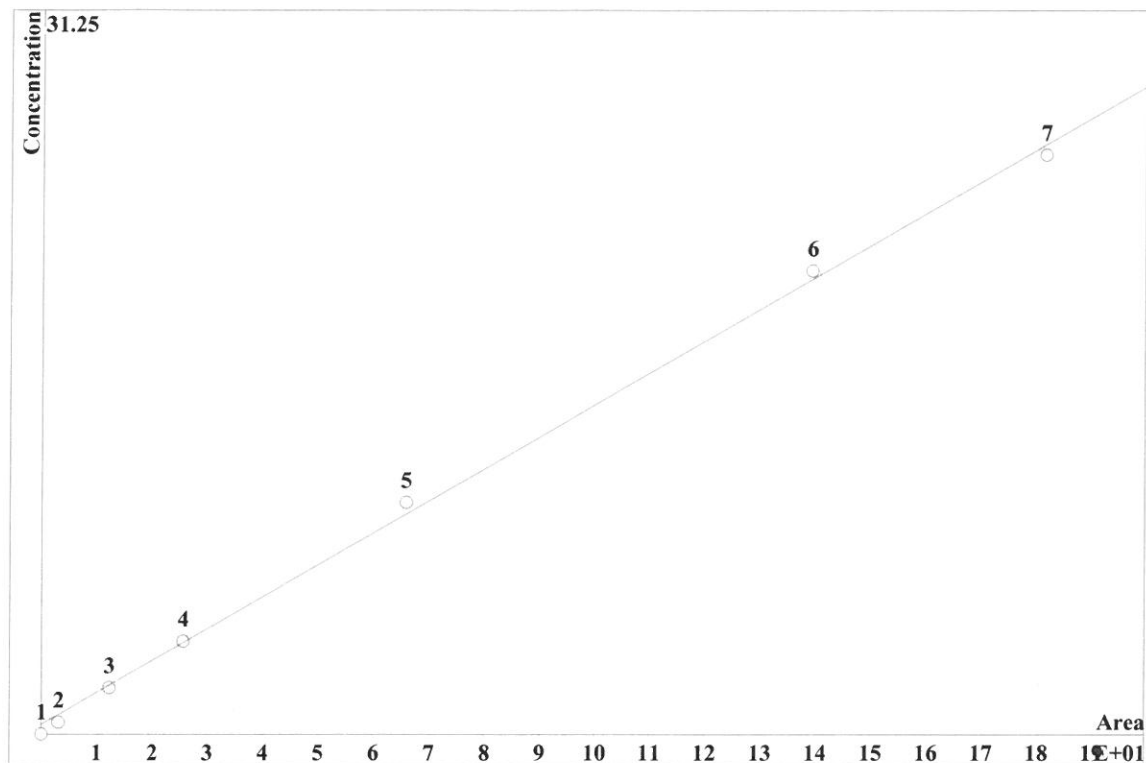
K3 = 0 K2 = 0 K1 = 0.529462 K0 = 2.48671

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	0.2217	4.571	0.15	20	10.72	Yes	
3	1.016	19.44	0.6	20	10.72	Yes	
4	2.09	39.61	1.2	20	10.72	Yes	
5	5.464	103.3	3	20	10.72	Yes	
6	11.48	219.2	6	20	10.72	Yes	
7	14.71	282.7	7.5	20	10.72	Yes	

CALIBRATION OF COMPONENT BR-

Method: ANIONS 02-19-18.mtw
 Equation: $Q = 2.75892 \cdot A + 8.44356$
 RSD: 4.139 %
 Correlation coefficient: 0.999301



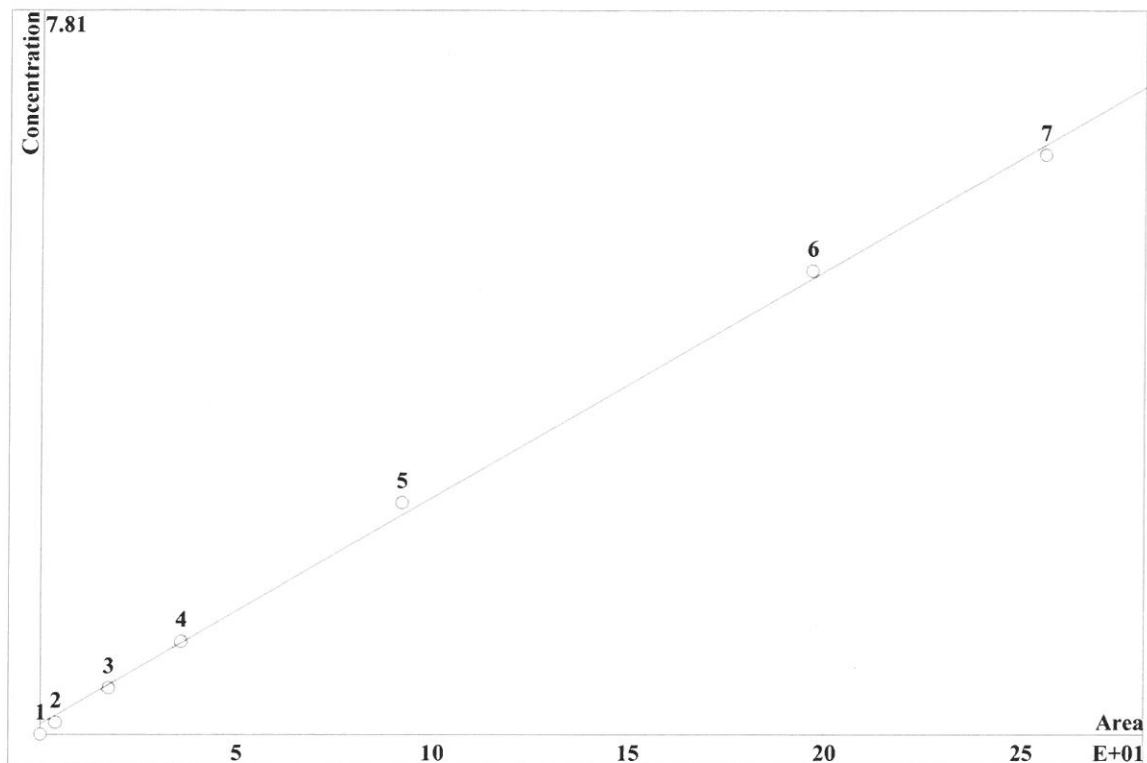
K3 = 0 K2 = 0 K1 = 2.75892 K0 = 8.44356

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	0.158	3.013	0.5	20	13.6	Yes	
3	0.6656	12.32	2	20	13.6	Yes	
4	1.39	25.58	4	20	13.6	Yes	
5	3.626	65.8	10	20	13.6	Yes	
6	7.665	139.3	20	20	13.6	Yes	
7	9.875	181.5	25	20	13.6	Yes	

CALIBRATION OF COMPONENT NO3

Method: ANIONS 02-19-18.mtw
 Equation: $Q = 0.48854 \cdot A + 2.28868$
 RSD: 4.105 %
 Correlation coefficient: 0.999312



K3 = 0 K2 = 0 K1 = 0.48854 K0 = 2.28868

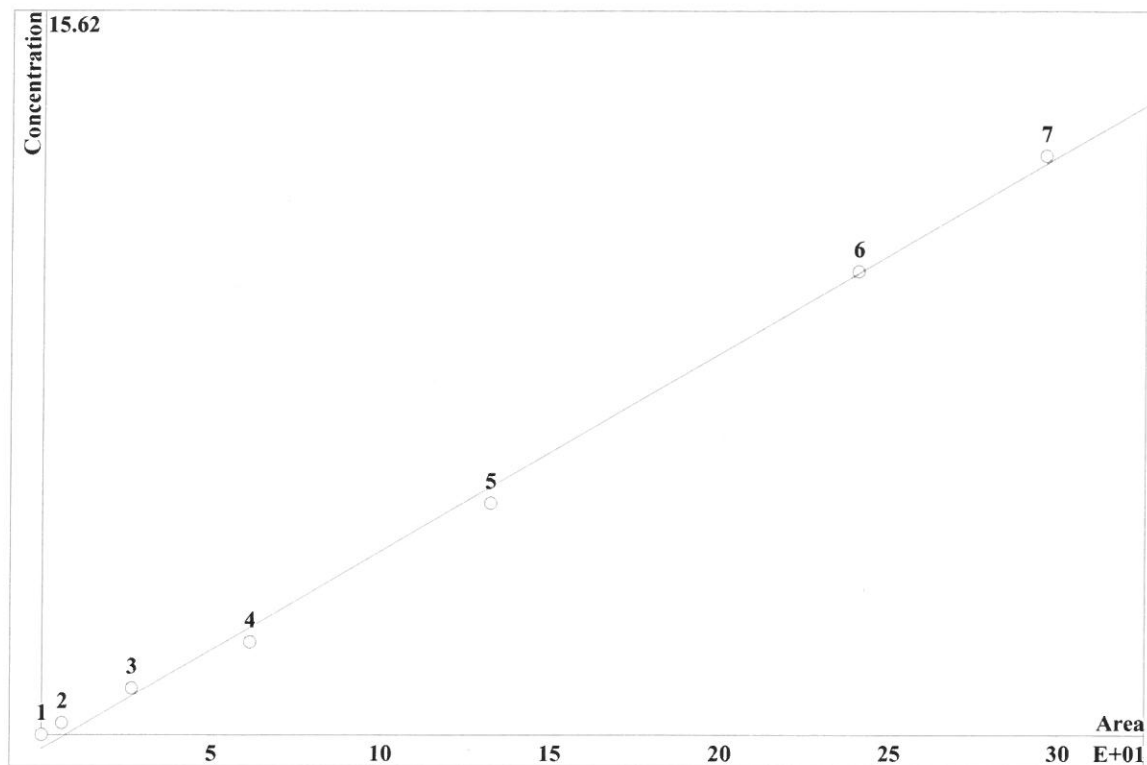
Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.1708	3.741	0.125	20	15.49		Yes
3	0.8031	17.29	0.5	20	15.49		Yes
4	1.667	35.75	1	20	15.49		Yes
5	4.409	92.29	2.5	20	15.49		Yes
6	9.547	196.6	5	20	15.49		Yes
7	12.49	255.7	6.25	20	15.49		Yes

±0.5

CALIBRATION OF COMPONENT HPO4

Method: ANIONS 02-19-18.mtw
 Equation: $Q = 0.853465 \cdot A - 5.94487$
 RSD: 5.937 %
 Correlation coefficient: 0.998560



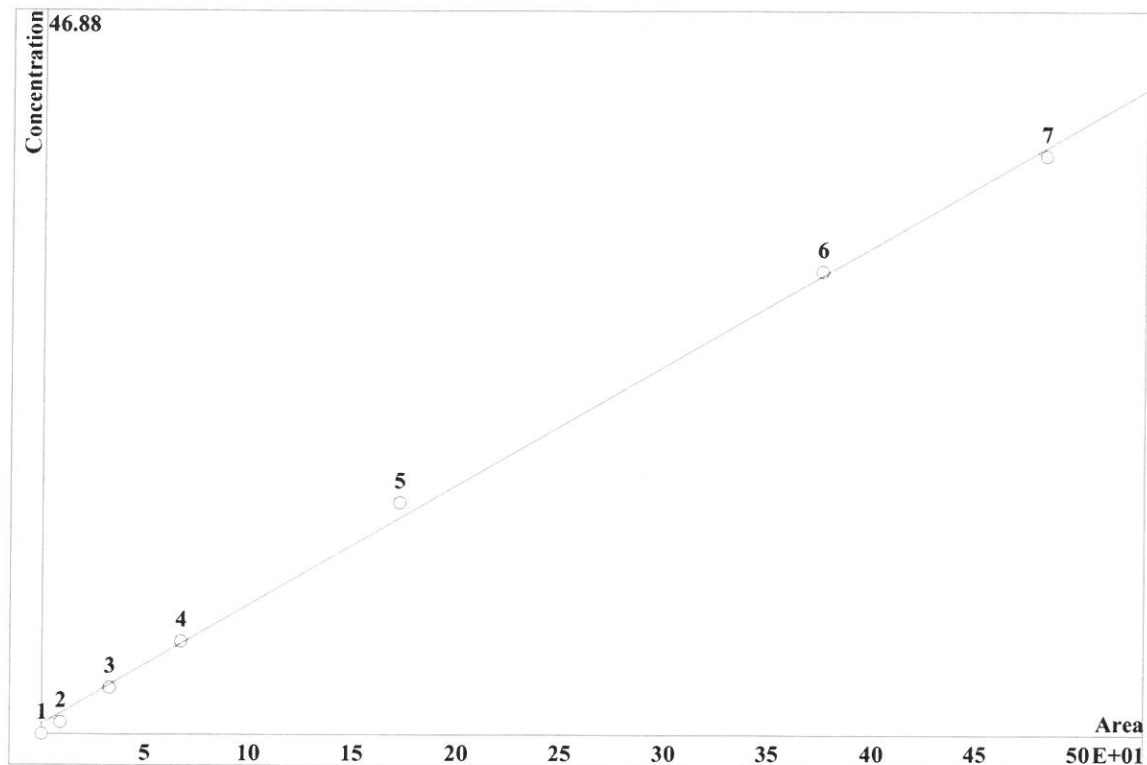
K3 = 0 K2 = 0 K1 = 0.853465 K0 = -5.94487

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	0.1515	5.784	0.25	20	22.72		Yes
3	0.6628	26.71	1	20	22.72		Yes
4	1.539	61.21	2	20	22.72		Yes
5	3.52	132.4	5	20	22.72		Yes
6	6.868	240.4	10	20	22.72		Yes
7	8.595	295.8	12.5	20	22.72		Yes

CALIBRATION OF COMPONENT SO4

Method: ANIONS 02-19-18.mtw
 Equation: $Q = 1.5477 \cdot A + 13.4127$
 RSD: 4.313 %
 Correlation coefficient: 0.999241



K3 = 0 K2 = 0 K1 = 1.5477 K0 = 13.4127

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	0.2813	8.819	0.75	20	25.7		Yes
3	1.102	32.92	3	20	25.7		Yes
4	2.266	67.29	6	20	25.7		Yes
5	5.971	172.5	15	20	25.7		Yes
6	12.91	375.6	30	20	25.7		Yes
7	16.83	483	37.5	20	25.7		Yes

Report date: 2/19/2018 3:12:40 PM
Printed by: wet

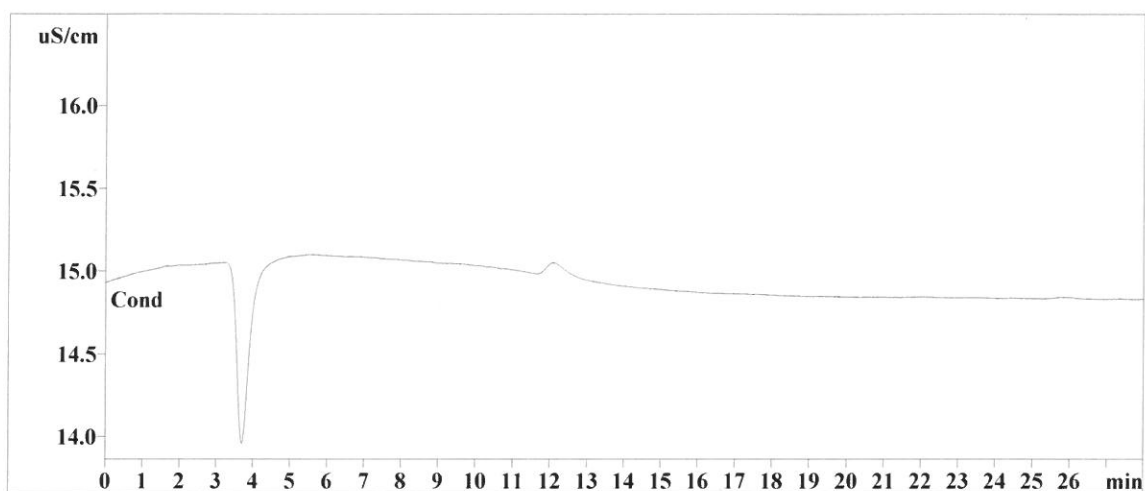
Ident: STD1
Analysis from: 2/19/2018 11:21:53 AM
File: _2018-02-19_

Last save: 2/19/2018 3:05:44 PM

Method: ANIONS 02-19-18.mtw
Run operator: wet
Analysis number: 61045

Last save: 2/19/2018 11:19:12 AM

SAMPLE:
: AK/AP
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: 2/19/2018 3:12:48 PM
Printed by: wet

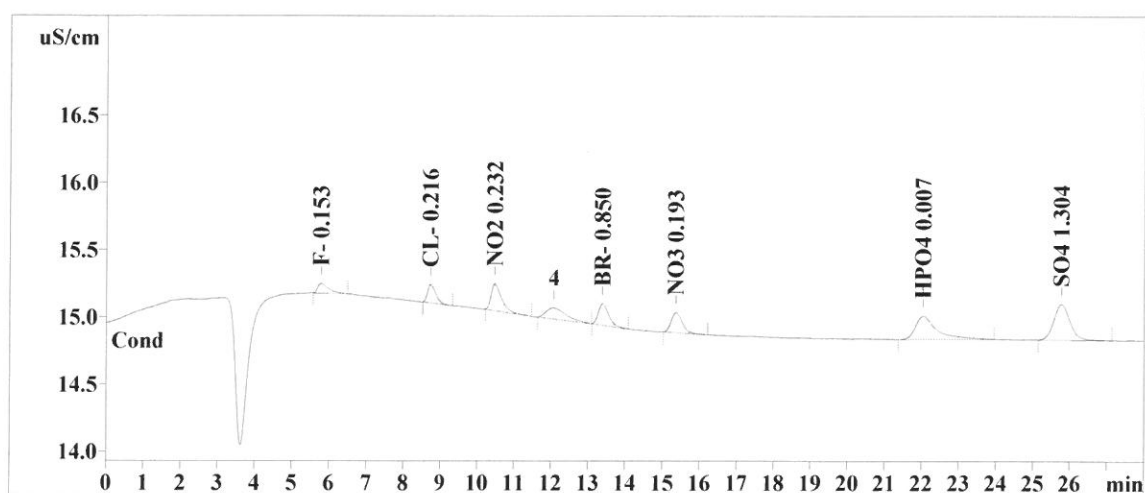
Ident: STD2
Analysis from: 2/19/2018 11:52:47 AM
File: _2018-02-19_

Last save: 2/19/2018 12:20:36 PM

Method: ANIONS 02-19-18.mtw
Run operator: wet
Analysis number: 61046

Last save: 2/19/2018 11:19:12 AM

SAMPLE:
: AK/AP
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	5.78	0.300	0.07	5.80	1.493	4.60	0.
2	8.73	0.244	0.14	11.00	2.198	6.77	0.
3	10.48	0.295	0.20	16.01	4.053	12.49	0.
4	13.40	0.296	0.16	12.77	3.101	9.56	0.
5	15.36	0.325	0.15	11.98	3.199	9.86	0.
6	22.04	0.531	0.17	13.95	7.131	21.97	0.
7	25.77	0.463	0.27	21.35	8.187	25.23	0.
7	28.00	0.351	1.16	92.86	29.363	90.48	0.

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Report date: 2/19/2018 3:12:55 PM
Printed by: wet

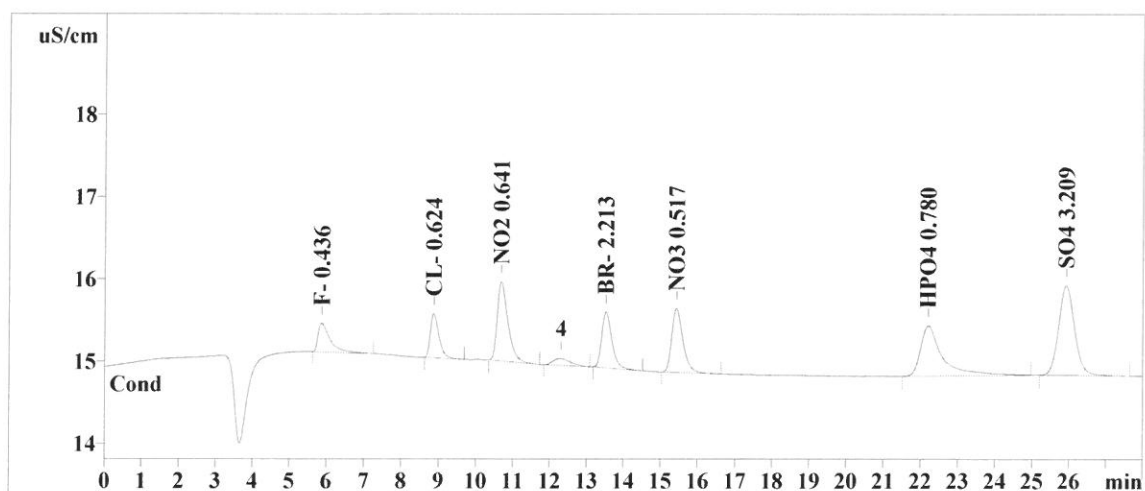
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Analysis from: 2/19/2018 12:23:42 PM
File: _2018-02-19_

Last save: 2/19/2018 12:51:30 PM

Method: ANIONS 02-19-18.mtw
Run operator: wet
Analysis number: 61047

Last save: 2/19/2018 11:19:12 AM

SAMPLE:
: AK/AP
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	5.87	0.306	0.35	6.87	7.873	6.22	0.
2	8.86	0.244	0.54	10.56	8.780	6.94	0.
3	10.68	0.301	0.96	18.90	19.511	15.42	0.
4	13.52	0.285	0.68	13.32	12.983	10.26	0.
5	15.42	0.317	0.78	15.23	16.491	13.04	0.
6	22.20	0.512	0.61	12.00	25.239	19.95	0.
7	25.92	0.453	1.09	21.38	32.807	25.94	0.
7	28.00	0.346	5.00	98.26	123.684	97.78	0.

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Report date: 2/19/2018 3:13:02 PM
Printed by: wet

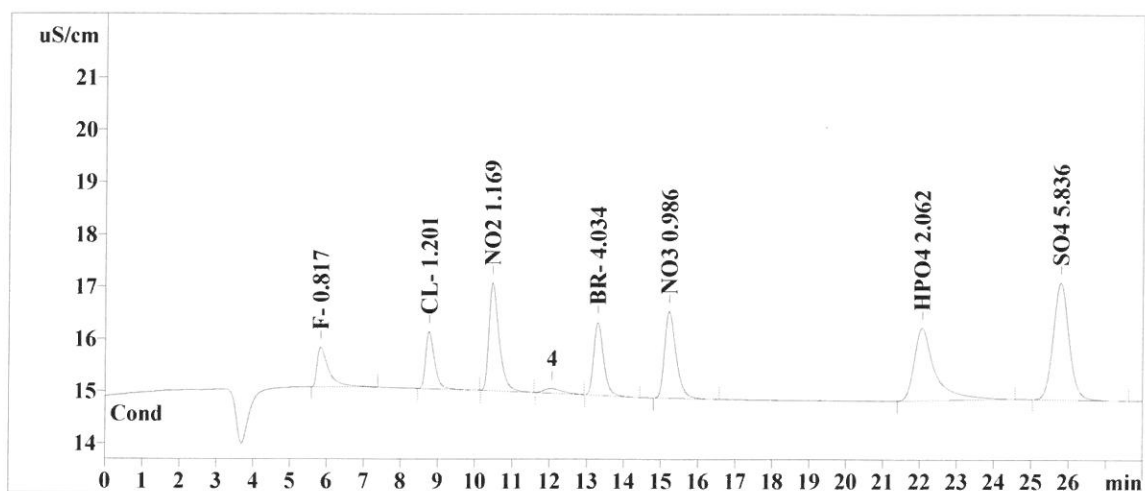
Ident: STD4
Analysis from: 2/19/2018 12:54:36 PM
File: _2018-02-19_

Last save: 2/19/2018 1:22:24 PM

Method: ANIONS 02-19-18.mtw
Run operator: wet
Analysis number: 61048

Last save: 2/19/2018 11:19:12 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	0.296	0.75	7.02	16.448	6.30	0.
2	8.76	0.245	1.09	10.22	18.091	6.93	0.
3	10.47	0.284	2.06	19.29	39.474	15.12	0.
4	13.29	0.282	1.39	13.03	26.182	10.03	0.
5	15.21	0.320	1.66	15.54	35.700	13.67	0.
6	22.05	0.515	1.39	13.02	55.280	21.17	0.
7	25.78	0.449	2.24	21.00	66.746	25.57	0.
7	28.00	0.342	10.58	99.12	257.921	98.79	0.

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Report date: 2/19/2018 3:13:09 PM
Printed by: wet

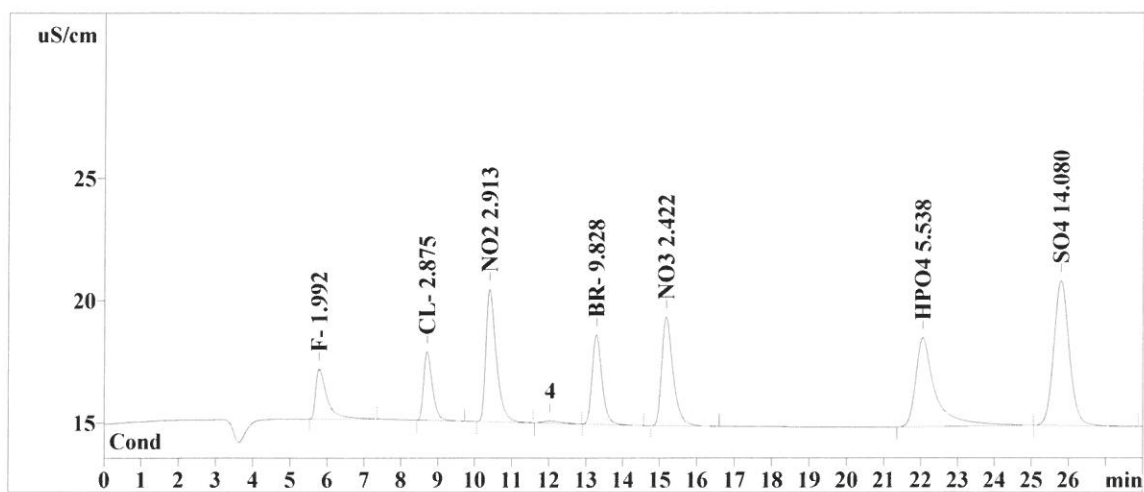
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File: _2018-02-19_

Last save: 2/19/2018 1:53:20 PM

Method: ANIONS 02-19-18.mtw
Run operator: wet
Analysis number: 61049

Last save: 2/19/2018 11:19:12 AM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.78	0.287	2.03	7.27	42.888	6.41	0.
2	8.70	0.241	2.79	9.99	45.101	6.74	0.
3	10.40	0.289	5.39	19.31	105.345	15.74	0.
4	13.27	0.281	3.64	13.03	68.182	10.19	0.
5	15.16	0.314	4.44	15.90	94.482	14.12	0.
6	22.05	0.478	3.63	12.99	136.733	20.43	0.
7	25.79	0.442	5.92	21.18	173.287	25.89	0.
7	28.00	0.333	27.84	99.67	666.018	99.52	0.

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Report date: 2/19/2018 3:13:17 PM
 Printed by: wet

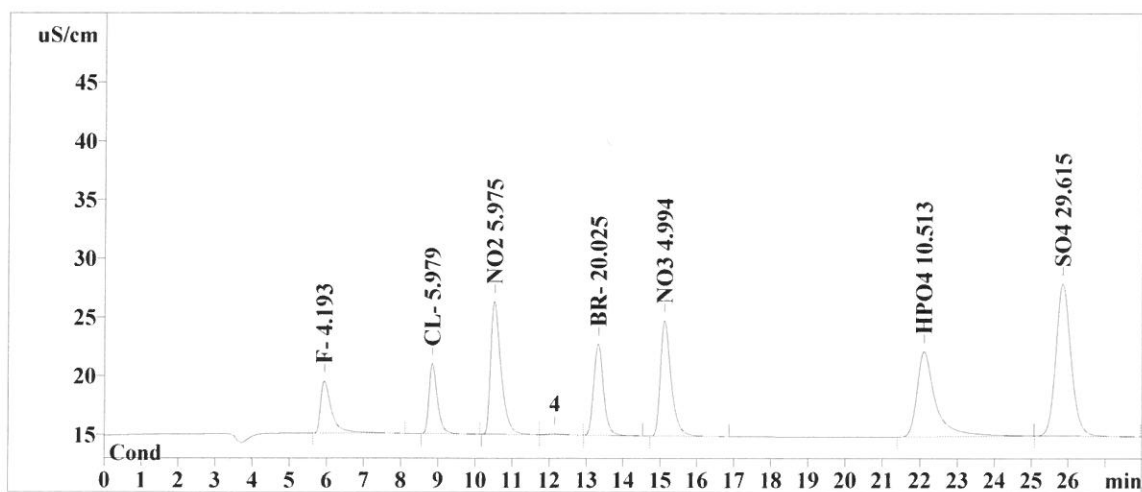
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 Analysis from: 2/19/2018 1:56:25 PM
 File: _2018-02-19_

Last save: 2/19/2018 2:24:14 PM

Method: ANIONS 02-19-18.mtw
 Run operator: wet
 Analysis number: 61050

Last save: 2/19/2018 11:19:12 AM

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	5.93	0.282	4.41	7.41	92.419	6.69	0.
2	8.84	0.237	5.96	10.01	95.186	6.89	0.
3	10.51	0.290	11.29	18.98	221.014	16.01	0.
4	13.32	0.275	7.75	13.03	142.103	10.29	0.
5	15.10	0.298	9.81	16.47	199.776	14.47	0.
6	22.10	0.456	7.26	12.20	253.325	18.35	0.
7	25.84	0.435	12.94	21.74	374.029	27.09	0.
7	28.00	0.325	59.42	99.85	1377.851	99.79	0.

This report has been created by IC Net
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Report date: 2/19/2018 3:13:23 PM
Printed by: wet

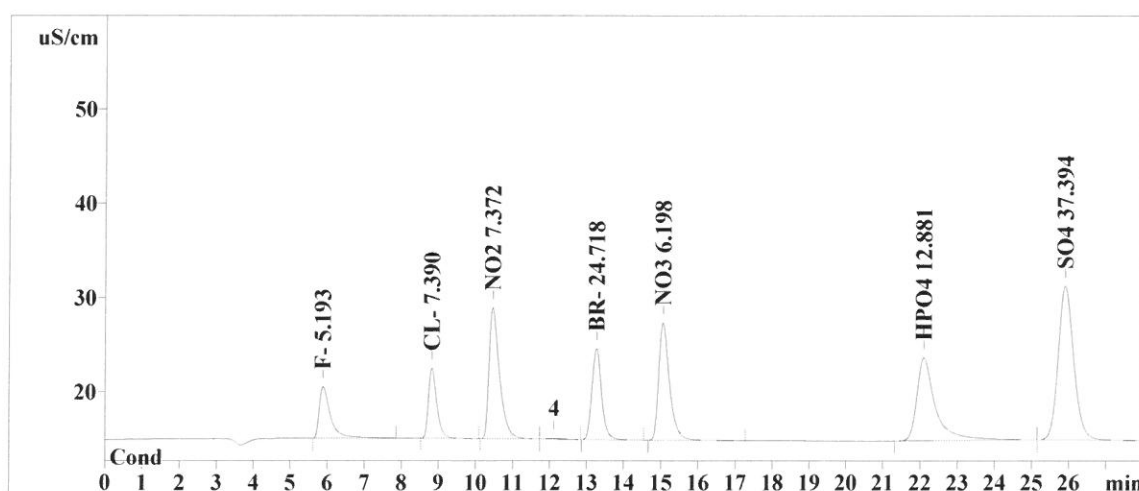
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Analysis from: 2/19/2018 2:27:19 PM
File: _2018-02-19_

Last save: 2/19/2018 2:55:08 PM

Method: ANIONS 02-19-18.mtw
Run operator: wet
Analysis number: 61051

Last save: 2/19/2018 11:19:12 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	5.88	0.288	5.45	7.36	114.911	6.69	0.
2	8.81	0.235	7.45	10.06	117.960	6.87	0.
3	10.46	0.293	13.89	18.76	273.782	15.94	0.
4	13.27	0.275	9.64	13.02	176.124	10.25	0.
5	15.04	0.293	12.44	16.80	249.057	14.50	0.
6	22.09	0.460	8.79	11.88	308.819	17.98	0.
7	25.90	0.439	16.29	22.00	474.558	27.62	0.
7	28.00	0.326	73.94	99.88	1715.211	99.85	0.

This report has been created by IC Net
METROHM LTD

Report date: 2/20/2018 4:03:22 PM
Printed by: wet

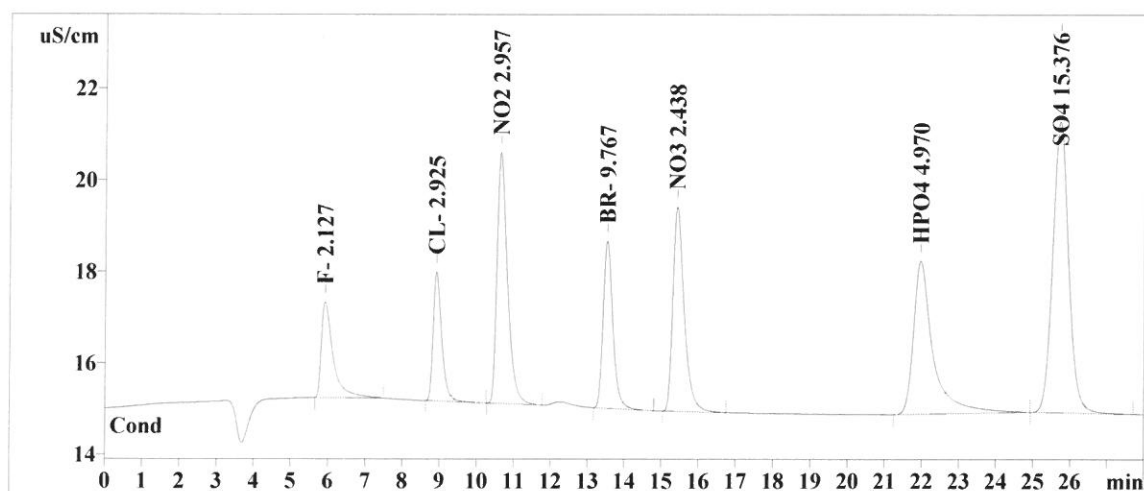
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Analysis from: 2/20/2018 10:46:38 AM
File: _2018-02-20_

Last save: 2/20/2018 11:25:48 AM

Method: ANIONS 02-19-18.mtw
Run operator: wet
Analysis number: 61063

Last save: 2/19/2018 11:19:12 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	5.91	0.299	2.09	7.41	45.915	6.80	0.
2	8.91	0.242	2.82	9.99	45.909	6.80	0.
3	10.63	0.289	5.48	19.43	106.996	15.85	0.
4	13.52	0.277	3.65	12.95	67.741	10.03	0.
5	15.41	0.314	4.46	15.82	95.112	14.09	0.
6	21.95	0.473	3.34	11.85	123.442	18.28	0.
7	25.71	0.450	6.36	22.55	190.025	28.15	0.
7	28.00	0.335	28.20	99.99	675.141	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 2/20/2018 4:03:34 PM
Printed by: wet

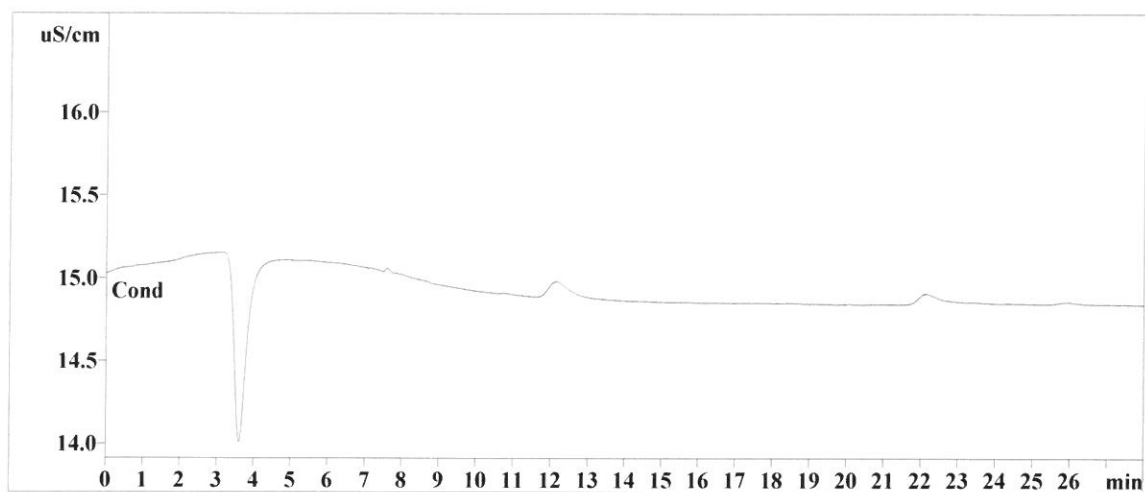
Ident: ICB
Analysis from: 2/20/2018 11:28:17 AM
File: _2018-02-20_

Last save: 2/20/2018 12:11:00 PM

Method: ANIONS 02-19-18.mtw
Run operator: wet
Analysis number: 61064

Last save: 2/19/2018 11:19:12 AM

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: 3/15/2018 9:06:54 AM
Printed by: wet

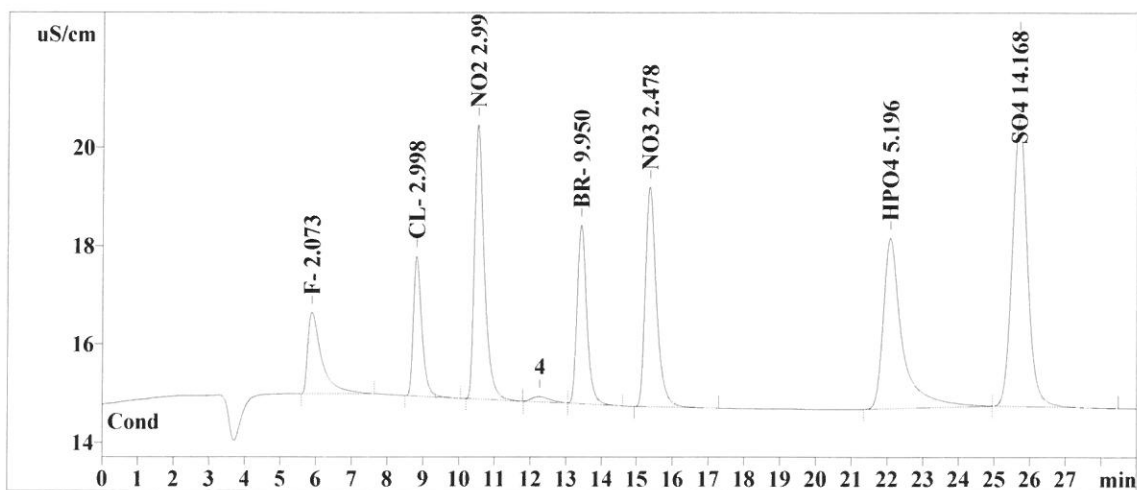
Ident: CCV
Analysis from: 3/13/2018 4:09:23 PM
File: _2018-03-13_

Last save: 3/13/2018 4:38:12 PM

Method: ANIONS 02-19-18.mtw
Run operator: wet
Analysis number: 61364

Last save: 3/6/2018 11:43:22 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	5.88	0.361	1.65	6.01	44.717	6.65	0.
2	8.81	0.246	2.84	10.30	47.096	7.00	0.
3	10.51	0.285	5.58	20.23	108.288	16.10	0.
4	13.42	0.286	3.62	13.14	69.071	10.27	0.
5	15.34	0.319	4.46	16.20	96.775	14.39	0.
6	22.07	0.476	3.46	12.57	128.728	19.14	0.
7	25.68	0.445	5.83	21.17	174.414	25.93	0.
7	29.00	0.345	27.45	99.61	669.089	99.47	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/15/2018 9:07:00 AM
Printed by: wet

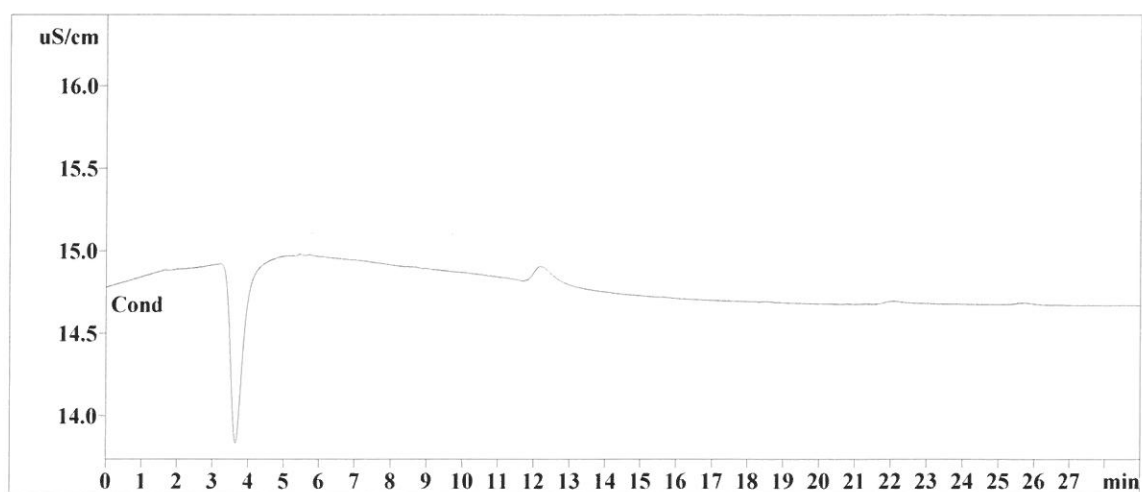
Ident: CCB
Analysis from: 3/13/2018 4:47:45 PM
File: _2018-03-13_

Last save: 3/14/2018 9:02:10 AM

Method: ANIONS 02-19-18.mtw
Run operator: wet
Analysis number: 61365

Last save: 3/6/2018 11:43:22 AM

SAMPLE: 5.00g
: 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: 3/15/2018 9:07:07 AM
Printed by: wet

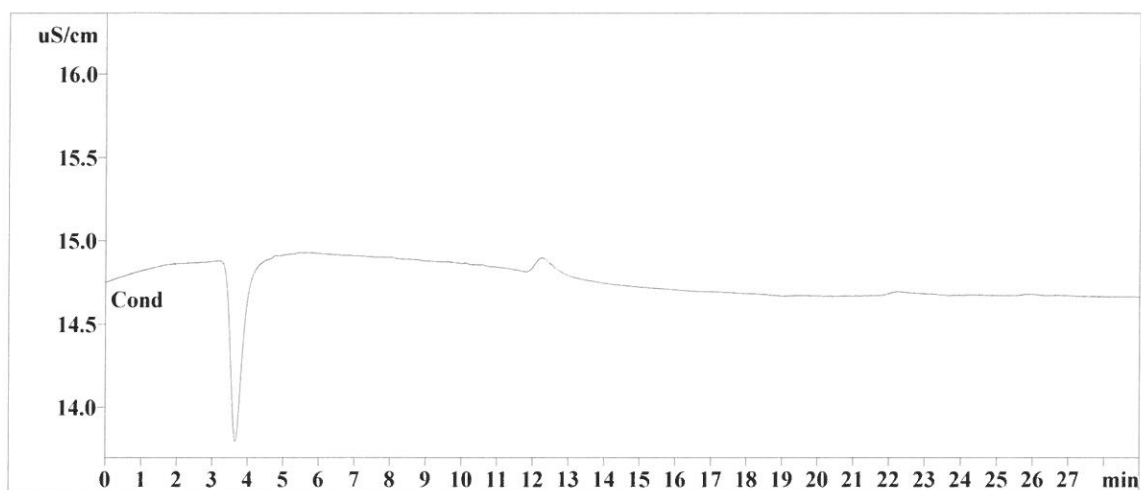
Ident: LB93918BLW
Analysis from: 3/13/2018 5:19:39 PM
File: _2018-03-13_

Last save: 3/15/2018 9:04:04 AM

Method: ANIONS 02-19-18.mtw
Run operator: wet
Analysis number: 61366

Last save: 3/6/2018 11:43:22 AM

SAMPLE: 5.01g
: 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: 3/15/2018 9:07:13 AM
Printed by: wet

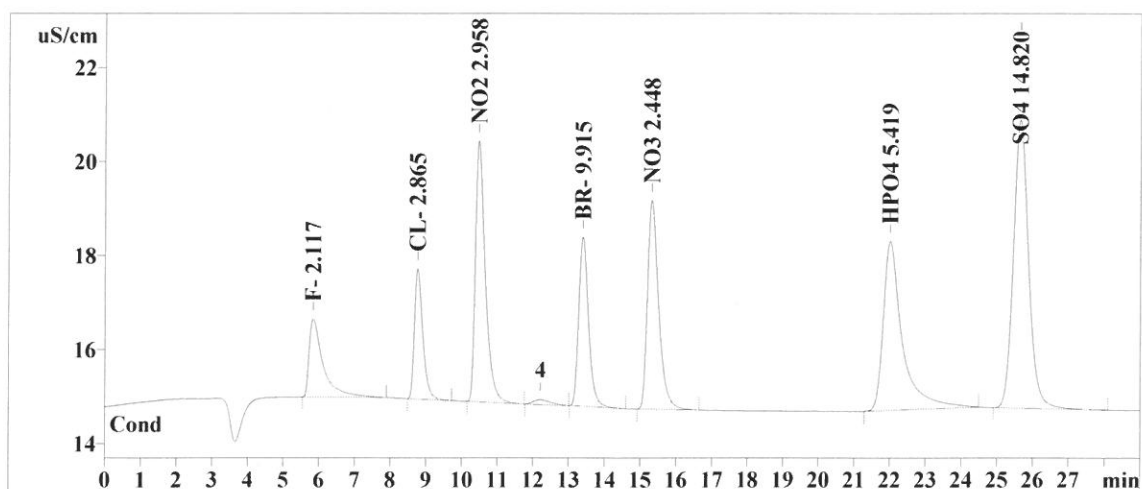
Ident: LB93918BSW
Analysis from: 3/13/2018 5:51:33 PM
File: _2018-03-13_

Last save: 3/15/2018 9:04:04 AM

Method: ANIONS 02-19-18.mtw
Run operator: wet
Analysis number: 61367

Last save: 3/6/2018 11:43:22 AM

SAMPLE: 5.00g
: 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	0.361	1.66	5.94	45.708	6.70	0.
2	8.76	0.242	2.77	9.94	44.946	6.59	0.
3	10.47	0.283	5.56	19.95	107.036	15.69	0.
4	13.39	0.287	3.60	12.93	68.814	10.08	0.
5	15.31	0.317	4.44	15.95	95.532	14.00	0.
6	22.01	0.485	3.59	12.90	133.954	19.63	0.
7	25.64	0.445	6.13	22.01	182.844	26.79	0.
7	29.00	0.346	27.75	99.62	678.834	99.48	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/15/2018 9:07:23 AM
Printed by: wet

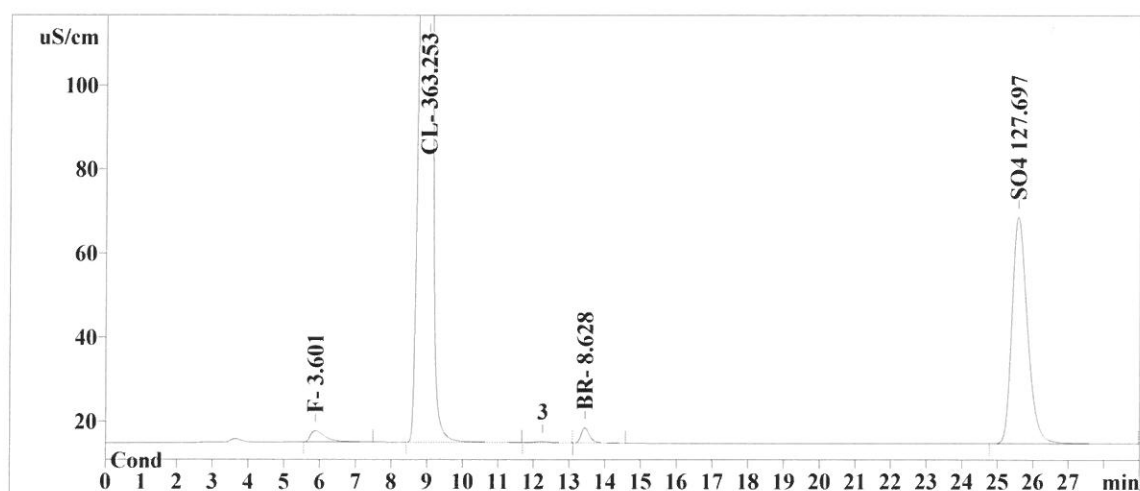
Ident: J1900-06
Analysis from: 3/13/2018 6:23:27 PM
File: _2018-03-13_

Last save: 3/14/2018 12:47:50 PM

Method: ANIONS 02-19-18.mtw
Run operator: wet
Analysis number: 61368

Last save: 3/6/2018 11:43:22 AM

SAMPLE: 5.00g
: 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	5.88	0.417	2.68	0.74	79.098	1.03	0.
2	9.03	0.311	300.50	83.24	5860.147	76.62	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.44	0.243	3.61	1.00	59.483	0.78	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	25.57	0.458	53.93	14.94	1641.488	21.46	0.
7	29.00	0.204	360.72	99.92	7640.216	99.90	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/15/2018 9:07:30 AM
Printed by: wet

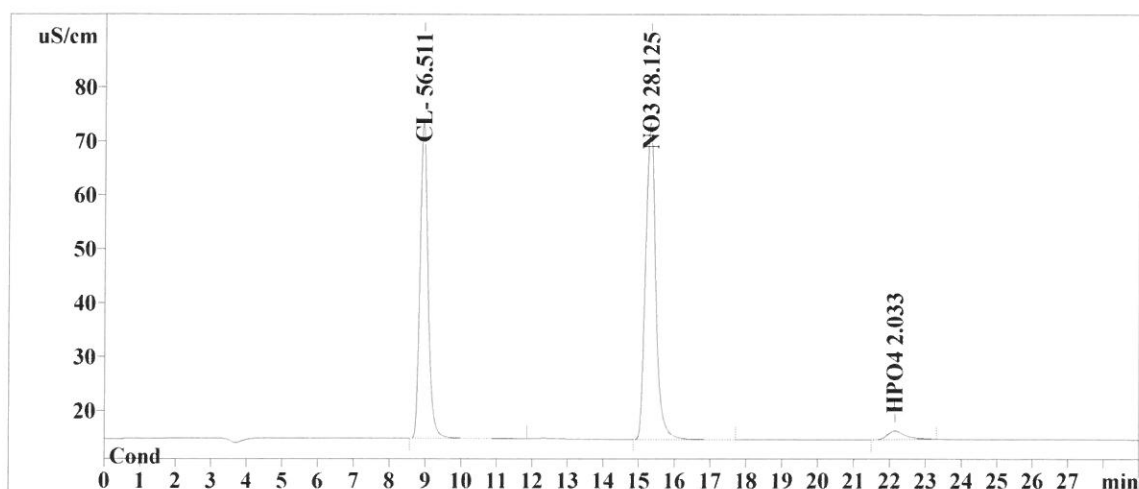
Ident: J1900-12
Analysis from: 3/13/2018 6:55:21 PM
File: _2018-03-13_

Last save: 3/14/2018 2:08:12 PM

Method: ANIONS 02-19-18.mtw
Run operator: wet
Analysis number: 61369

Last save: 3/6/2018 11:43:22 AM

SAMPLE: 5.00g
: 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	8.92	0.229	58.86	49.43	910.569	43.12	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	15.30	0.292	58.63	49.24	1146.698	54.30	0.
6	22.14	0.491	1.59	1.33	54.599	2.59	0.
7	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	29.00	0.145	119.07	100.00	2111.866	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/15/2018 9:07:37 AM
Printed by: wet

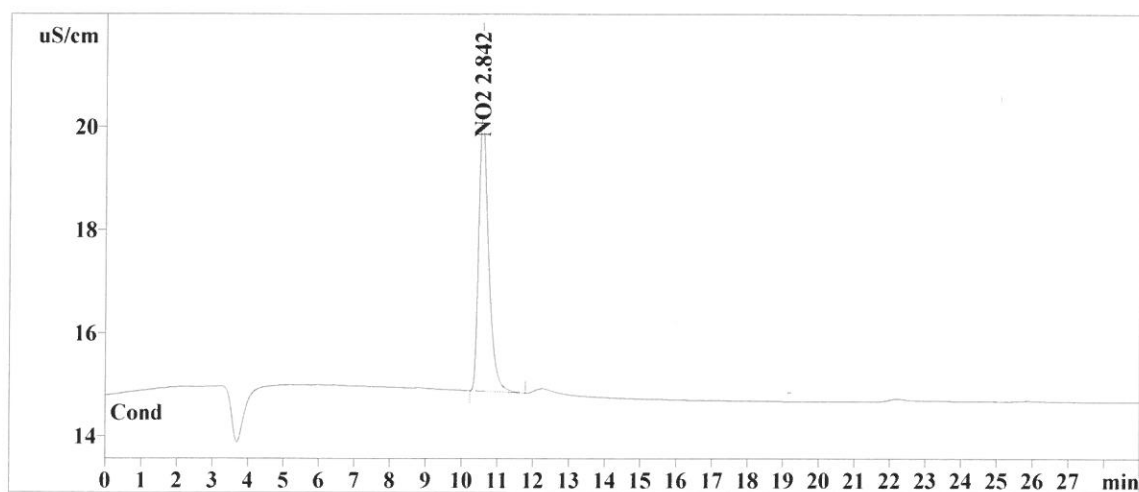
Ident: J1900-16
Analysis from: 3/13/2018 7:27:15 PM
File: _2018-03-13_

Last save: 3/14/2018 9:03:48 AM

Method: ANIONS 02-19-18.mtw
Run operator: wet
Analysis number: 61370

Last save: 3/6/2018 11:43:22 AM

SAMPLE: 5.00g
: 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
3	10.56	0.283	5.35	99.98	102.676	100.00	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	29.00	0.040	5.35	99.98	102.676	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/15/2018 9:07:50 AM
Printed by: wet

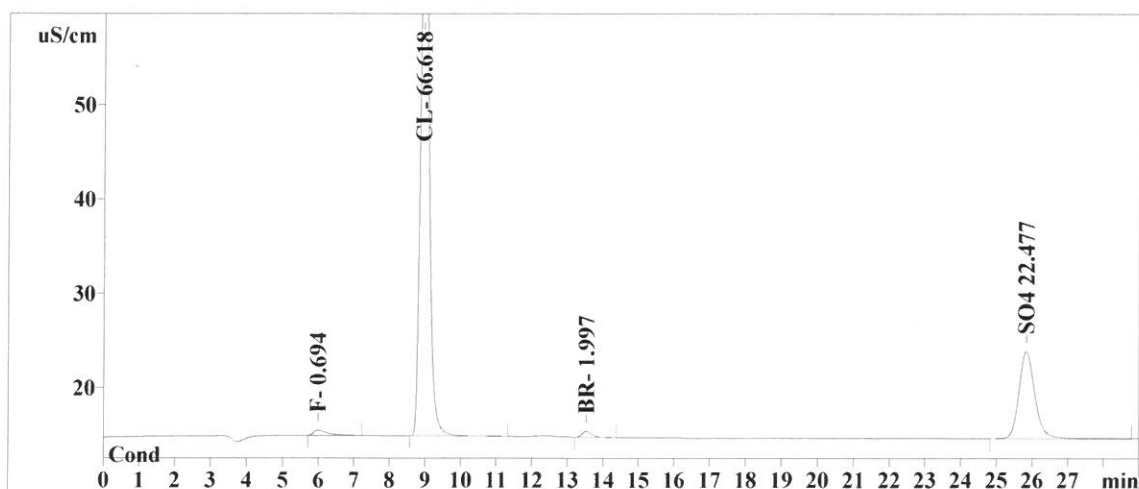
Ident: J1900-06DLX5
Analysis from: 3/13/2018 7:59:09 PM
File: _2018-03-13_

Last save: 3/15/2018 9:07:50 AM

Method: ANIONS 02-19-18.mtw
Run operator: wet
Analysis number: 61371

Last save: 3/6/2018 11:43:22 AM

SAMPLE: 5.00g
: AK/AP
Vial number: 9
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	5.99	0.370	0.52	0.67	13.682	0.99	0.
2	8.94	0.238	67.54	86.71	1073.662	77.77	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.54	0.277	0.62	0.80	11.414	0.83	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	25.83	0.454	9.21	11.83	281.788	20.41	0.
7	29.00	0.191	77.89	100.00	1380.545	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/15/2018 9:11:23 AM
Printed by: wet

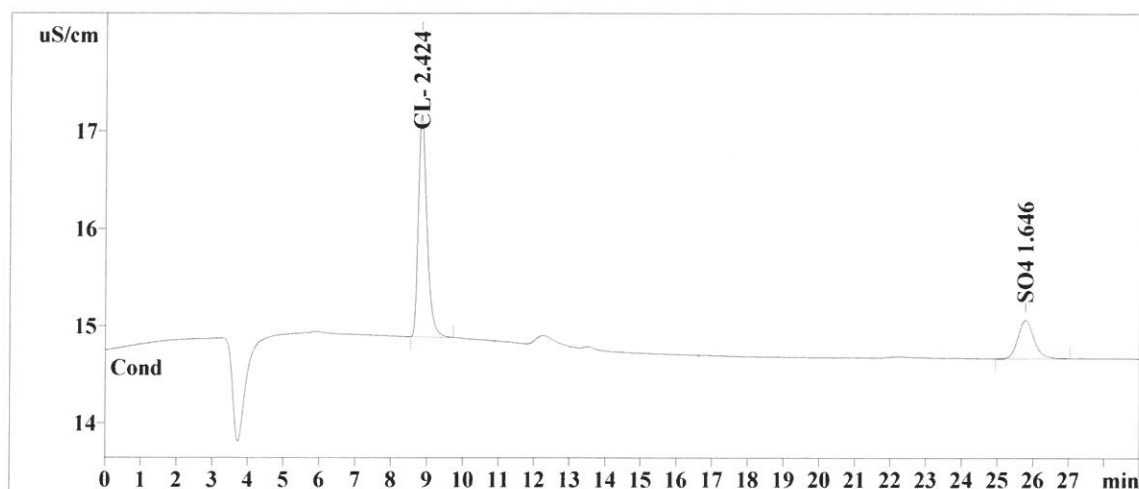
Ident: J1900-06DL2X100
Analysis from: 3/13/2018 8:31:03 PM
File: _2018-03-13_

Last save: 3/15/2018 9:11:24 AM

Method: ANIONS 02-19-18.mtw
Run operator: wet
Analysis number: 61372

Last save: 3/6/2018 11:43:22 AM

SAMPLE: 5.00g
: AK/AP
Vial number: 10
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	8.83	0.247	2.29	85.30	37.835	75.01	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	25.78	0.474	0.39	14.71	12.607	24.99	0.
7	29.00	0.103	2.68	100.00	50.442	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/15/2018 9:11:29 AM
Printed by: wet

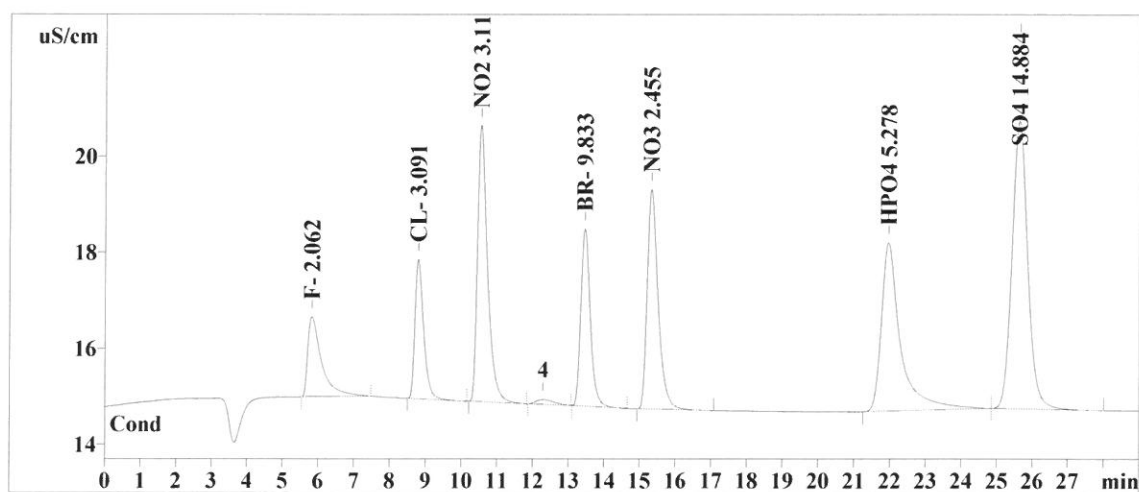
Ident: CCV
Analysis from: 3/13/2018 9:02:57 PM
File: _2018-03-13_

Last save: 3/13/2018 9:31:46 PM

Method: ANIONS 02-19-18.mtw
Run operator: wet
Analysis number: 61373

Last save: 3/6/2018 11:43:22 AM

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	5.83	0.360	1.66	5.90	44.470	6.46	0.
2	8.79	0.248	2.90	10.29	48.587	7.06	0.
3	10.54	0.289	5.75	20.43	113.037	16.43	0.
4	13.46	0.278	3.69	13.10	68.222	9.92	0.
5	15.32	0.309	4.57	16.22	95.807	13.93	0.
6	21.95	0.477	3.50	12.44	130.644	18.99	0.
7	25.62	0.459	5.98	21.26	183.675	26.70	0.
7	29.00	0.346	28.05	99.63	684.441	99.48	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/15/2018 9:11:36 AM
Printed by: wet

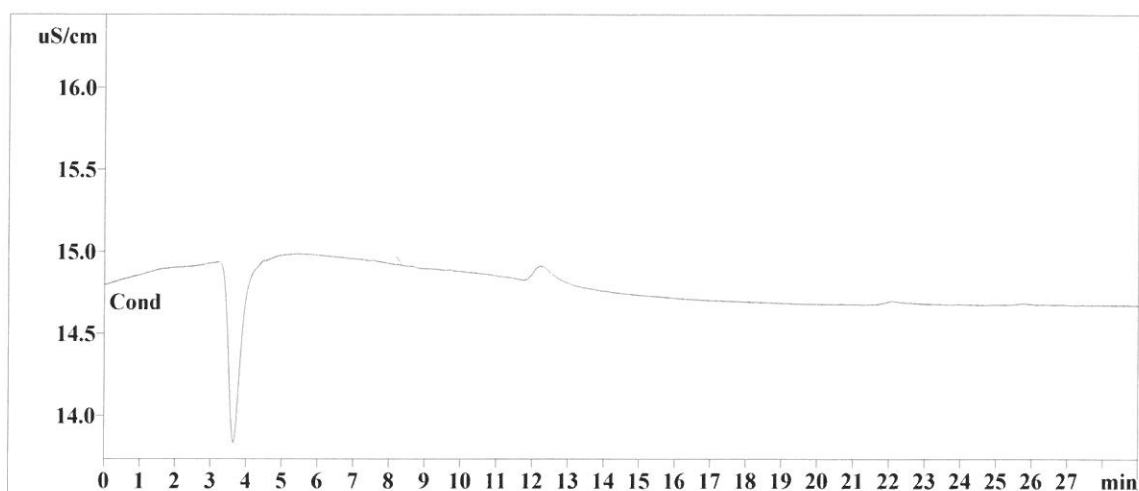
Ident: CCB
Analysis from: 3/13/2018 9:34:55 PM
File: _2018-03-13_

Last save: 3/14/2018 9:02:10 AM

Method: ANIONS 02-19-18.mtw
Run operator: wet
Analysis number: 61374

Last save: 3/6/2018 11:43:22 AM

SAMPLE: 5.00g
: AK/AP
Vial number: 17
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: 3/15/2018 9:11:54 AM
Printed by: wet

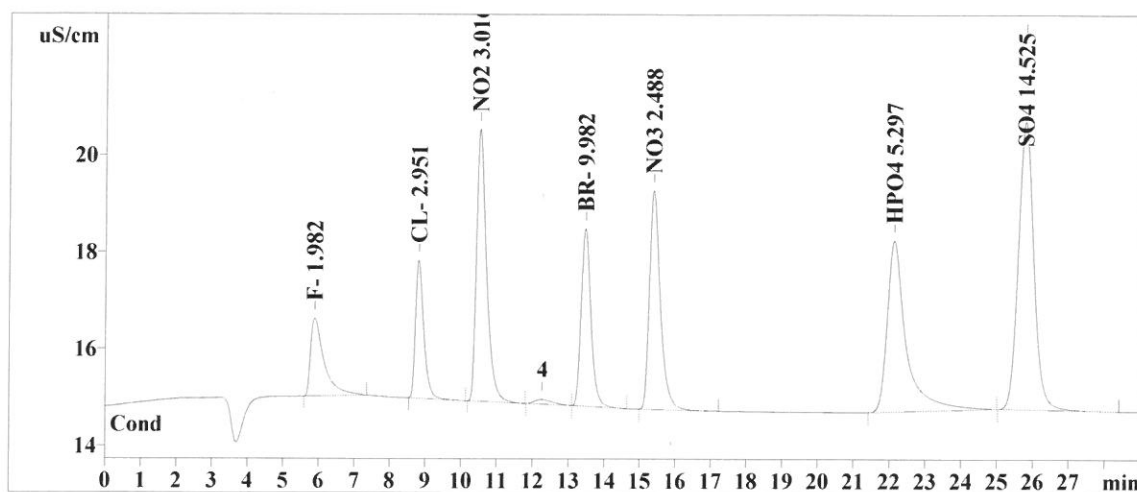
Ident: CCV
Analysis from: 3/14/2018 2:35:17 PM
File: _2018-03-14_

Last save: 3/14/2018 3:04:06 PM

Method: ANIONS 02-19-18.mtw
Run operator: wet
Analysis number: 61391

Last save: 3/6/2018 11:43:22 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	5.88	0.361	1.61	5.78	42.664	6.29	0.
2	8.80	0.242	2.85	10.23	46.333	6.83	0.
3	10.52	0.286	5.62	20.19	109.249	16.11	0.
4	13.46	0.284	3.66	13.16	69.300	10.22	0.
5	15.37	0.316	4.52	16.24	97.165	14.33	0.
6	22.12	0.475	3.53	12.69	131.090	19.33	0.
7	25.77	0.452	5.94	21.35	179.035	26.40	0.
7	29.00	0.345	27.73	99.63	674.836	99.49	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/15/2018 9:12:25 AM
Printed by: wet

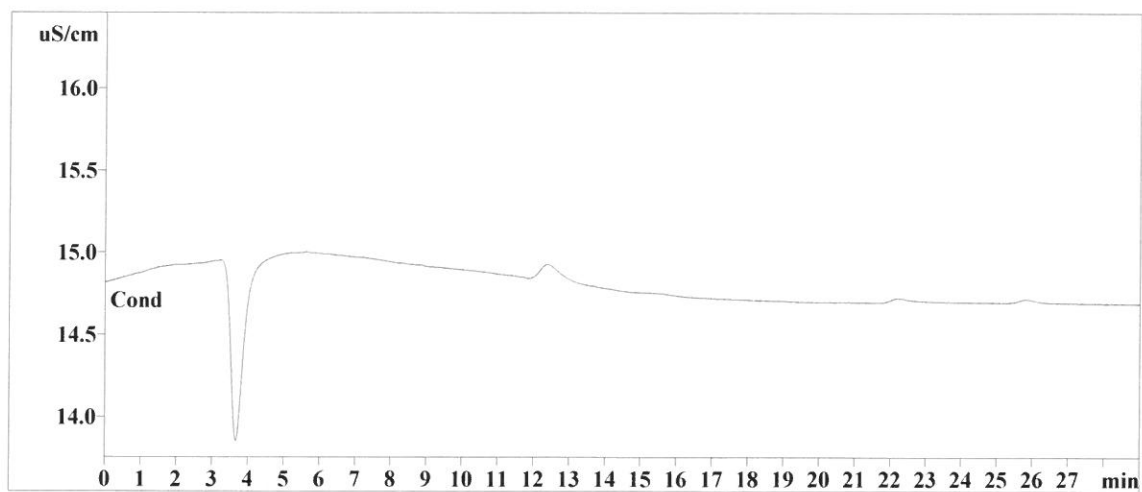
Ident: CCB
Analysis from: 3/14/2018 3:07:11 PM
File: _2018-03-14_

Last save: 3/15/2018 9:12:18 AM

Method: ANIONS 02-19-18.mtw
Run operator: wet
Analysis number: 61392

Last save: 3/6/2018 11:43:22 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: 3/15/2018 9:12:33 AM
Printed by: wet

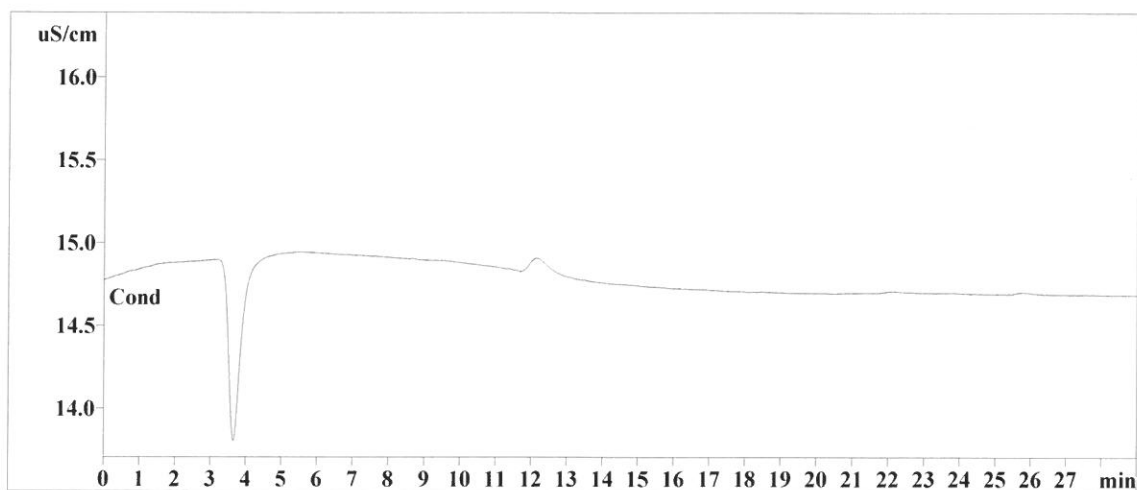
Ident: LB93918BLW2
Analysis from: 3/14/2018 3:39:04 PM
File: _2018-03-14_

Last save: 3/15/2018 9:12:18 AM

Method: ANIONS 02-19-18.mtw
Run operator: wet
Analysis number: 61393

Last save: 3/6/2018 11:43:22 AM

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 3/15/2018 9:12:39 AM
Printed by: wet

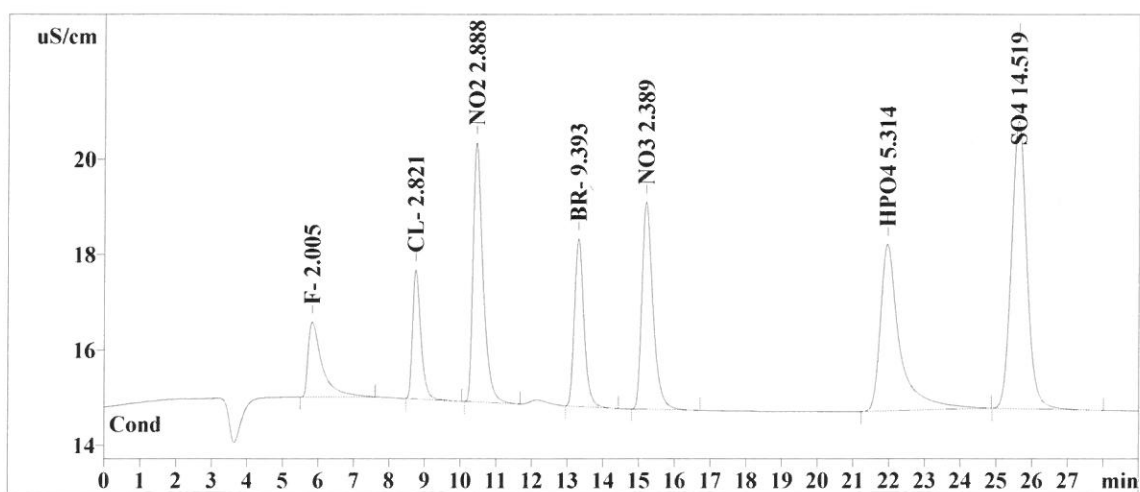
Ident: LB93918BSW2
Analysis from: 3/14/2018 4:10:58 PM
File: _2018-03-14_

Last save: 3/15/2018 9:04:04 AM

Method: ANIONS 02-19-18.mtw
Run operator: wet
Analysis number: 61394

Last save: 3/6/2018 11:43:22 AM

SAMPLE:
:
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	0.366	1.57	5.80	43.187	6.54	0.
2	8.74	0.243	2.70	9.99	44.226	6.70	0.
3	10.45	0.282	5.43	20.06	104.387	15.81	0.
4	13.31	0.278	3.51	12.96	65.030	9.85	0.
5	15.19	0.317	4.34	16.03	93.116	14.10	0.
6	21.95	0.481	3.49	12.89	131.498	19.91	0.
7	25.61	0.444	6.03	22.27	178.958	27.10	0.
7	29.00	0.344	27.07	99.99	660.402	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/15/2018 9:12:46 AM
Printed by: wet

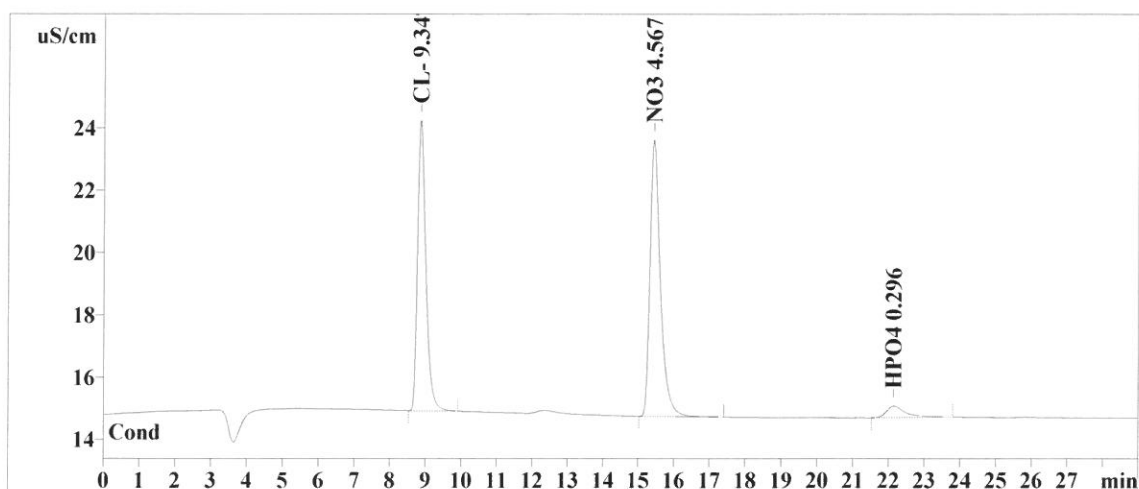
Ident: J1900-12DLX5
Analysis from: 3/14/2018 6:18:35 PM
File: _2018-03-14_

Last save: 3/15/2018 9:00:34 AM

Method: ANIONS 02-19-18.mtw
Run operator: wet
Analysis number: 61398

Last save: 3/6/2018 11:43:22 AM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.85	0.237	9.31	50.20	149.541	43.25	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	15.43	0.300	8.86	47.79	182.270	52.72	0.
6	22.15	0.505	0.37	2.00	13.911	4.02	0.
7	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	29.00	0.149	18.55	99.99	345.721	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/15/2018 9:12:53 AM
Printed by: wet

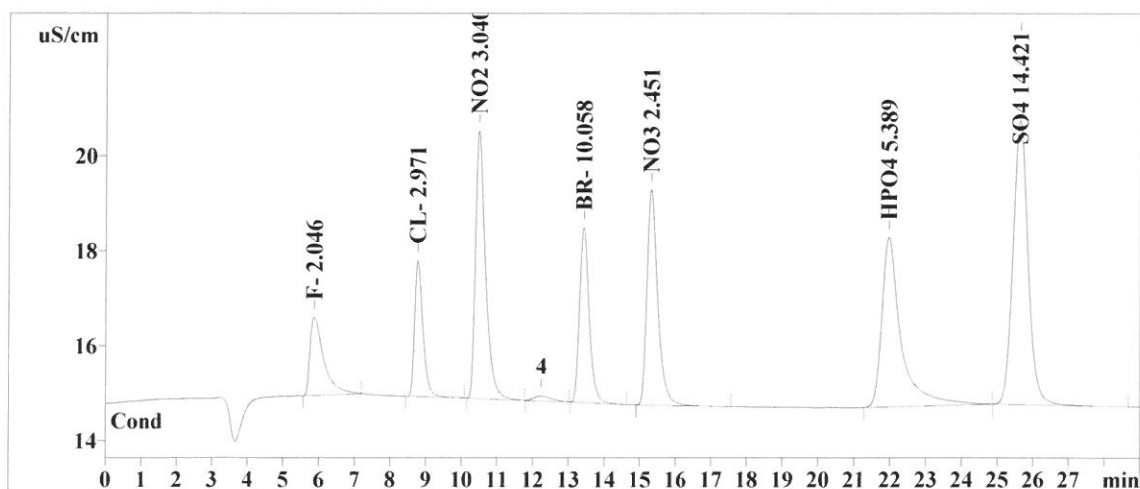
Ident: CCV
Analysis from: 3/14/2018 6:50:29 PM
File: _2018-03-14_

Last save: 3/14/2018 7:19:18 PM

Method: ANIONS 02-19-18.mtw
Run operator: wet
Analysis number: 61399

Last save: 3/6/2018 11:43:22 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	5.87	0.372	1.65	5.88	44.109	6.48	0.
2	8.77	0.242	2.86	10.19	46.653	6.85	0.
3	10.48	0.287	5.63	20.11	110.134	16.17	0.
4	13.42	0.285	3.68	13.13	69.855	10.26	0.
5	15.30	0.310	4.54	16.19	95.664	14.05	0.
6	21.95	0.477	3.57	12.74	133.258	19.57	0.
7	25.61	0.444	5.99	21.39	177.690	26.09	0.
7	29.00	0.345	27.92	99.62	677.364	99.48	0.

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Report date: 3/15/2018 9:13:01 AM
Printed by: wet

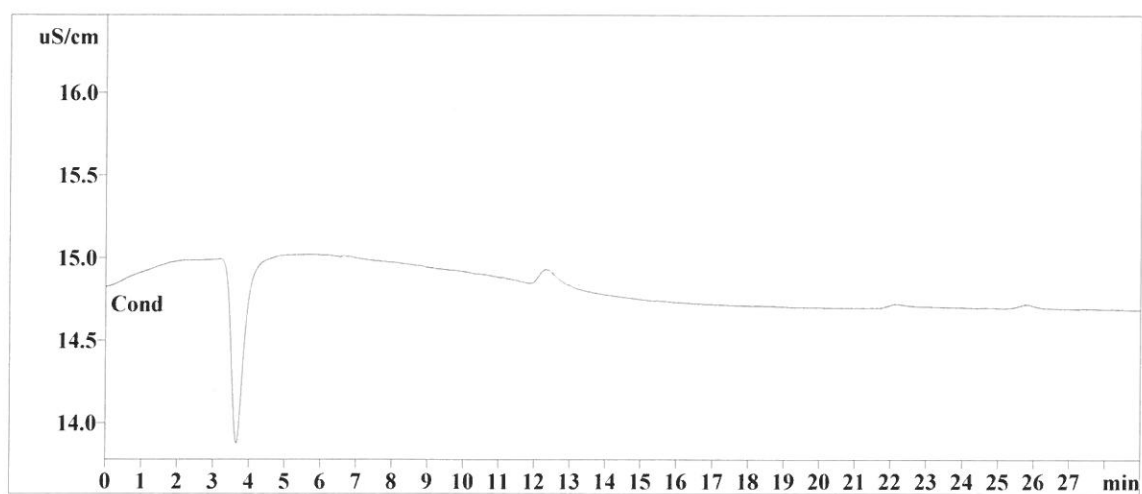
Ident: CCB
Analysis from: 3/14/2018 7:22:23 PM
File: _2018-03-14_

Last save: 3/15/2018 9:12:18 AM

Method: ANIONS 02-19-18.mtw
Run operator: wet
Analysis number: 61400

Last save: 3/6/2018 11:43:22 AM

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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