

IC-1 800.0

1-31-18 AK

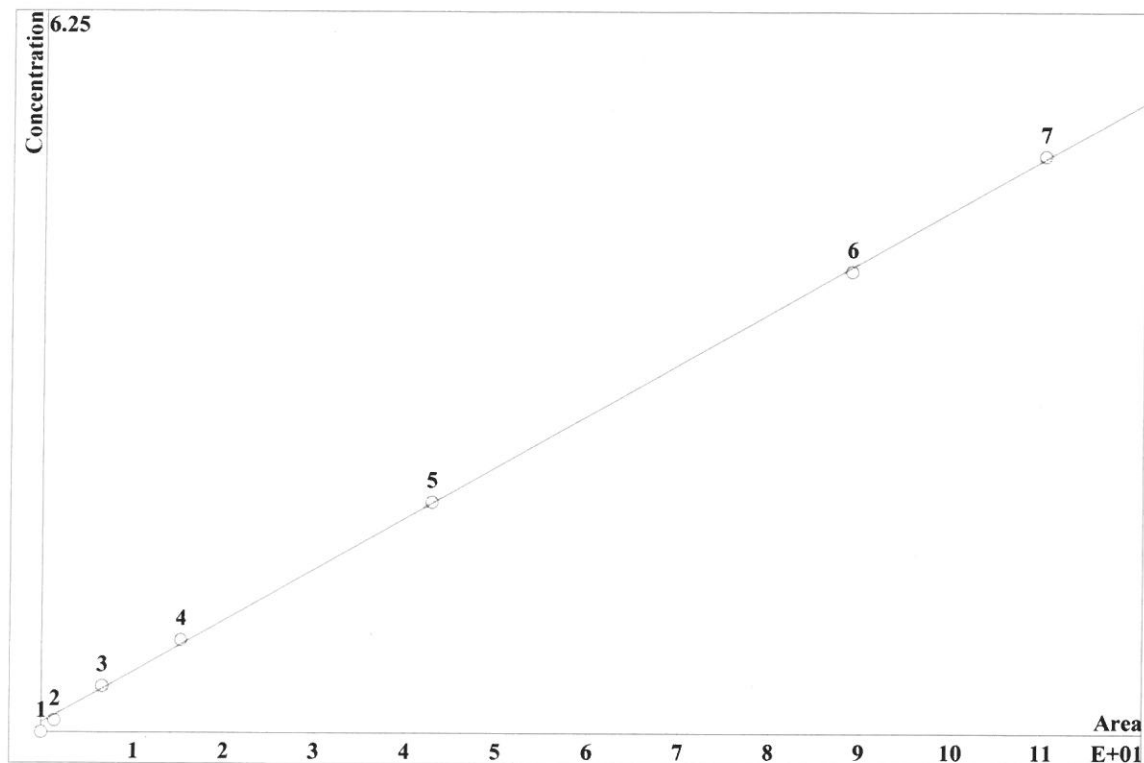
Clear table

ident	concentrati on F-	concentrati on CL-	concentrati on NO2	concentrati on BR-	concentrati on NO3	concentrati on HPO4	concentrati on SO4	file name	date time
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-01-22_	1/22/18 12:09
STD2	0.2270	0.2800	0.2580	0.8540	0.2160	-0.1940	1.4630	_2018-01-22_	1/22/18 12:39
STD3	0.4510	0.6720	0.6480	2.1500	0.5510	0.8190	3.3420	_2018-01-22_	1/22/18 13:10
STD4	0.8150	1.2150	1.1880	4.0000	1.0040	2.3170	6.0050	_2018-01-22_	1/22/18 13:41
STD5	1.9840	2.9040	2.8610	9.5780	2.3870	5.3630	14.2470	_2018-01-22_	1/22/18 14:12
STD6	3.9200	5.8420	5.9080	19.7140	4.9260	9.9480	29.8630	_2018-01-22_	1/22/18 14:43
STD7	4.9780	7.5960	7.6080	25.4540	6.3600	12.3270	38.0480	_2018-01-22_	1/22/18 15:14
ICV	1.9000	2.8170	2.8100	9.2970	2.3200	4.6260	13.9580	_2018-01-23_	1/23/18 10:45
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-01-23_	1/23/18 11:23
CCV	2.0010	2.9210	2.8450	9.4850	2.3510	4.7520	13.9150	_2018-01-29_	1/29/18 11:14
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-01-29_	1/29/18 11:45
LB92990BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-01-29_	1/29/18 12:16
LB92990BSW	2.0440	2.9600	2.9400	9.6970	2.4290	5.4750	14.2950	_2018-01-29_	1/29/18 12:47
J1364-14	0.0000	6367.4870	0.0000	7.6150	0.3170	0.0000	419.3940	_2018-01-29_	1/29/18 17:33
J1364-15	0.0000	6362.1290	0.0000	7.3350	0.2970	0.0000	414.8360	_2018-01-29_	1/29/18 18:04
J1364-15DUP	0.0000	6402.4320	0.0000	6.7330	0.3080	0.0000	415.2800	_2018-01-29_	1/29/18 18:35
J1364-15MS	2.3160	5736.3800	0.7100	17.1780	2.6790	7.2040	393.4830	_2018-01-29_	1/29/18 19:06
J1364-16	0.0000	6551.0620	0.0000	7.7190	0.2930	0.0000	434.4150	_2018-01-29_	1/29/18 19:37
J1364-17	0.1370	6368.1720	0.0000	7.3760	0.3040	0.0000	415.0640	_2018-01-29_	1/29/18 20:08
CCV	1.8370	3.0500	2.8980	9.5920	2.4160	6.2110	14.1410	_2018-01-29_	1/29/18 20:39
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-01-29_	1/29/18 21:09

IC1 cal
1-22-18 AK

CALIBRATION OF COMPONENT F-

Method: ANIONS 01-22-18.mtw
Equation: $Q = 0.888792 \cdot A + 1.72329$
RSD: 1.957 %
Correlation coefficient: 0.999844



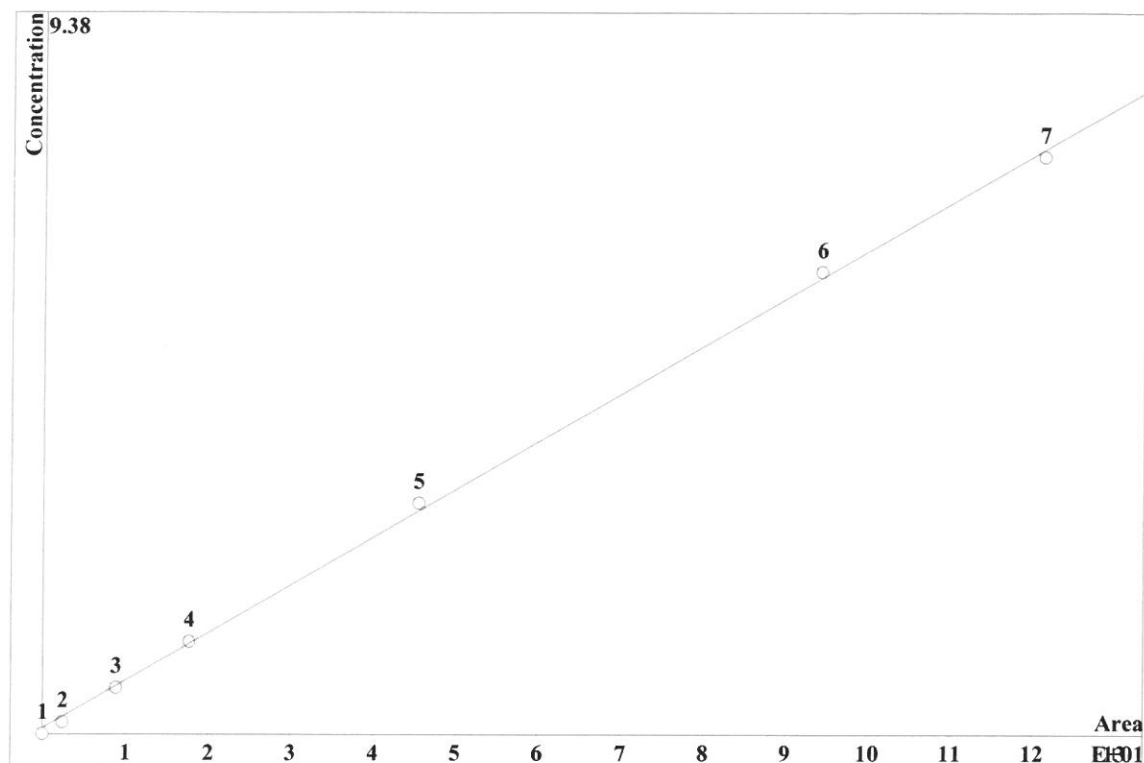
K3 = 0 K2 = 0 K1 = 0.888792 K0 = 1.72329

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 01-22-18.mtw
 Equation: $Q = 1.23947 \cdot A + 1.59291$
 RSD: 2.896 %
 Correlation coefficient: 0.999658



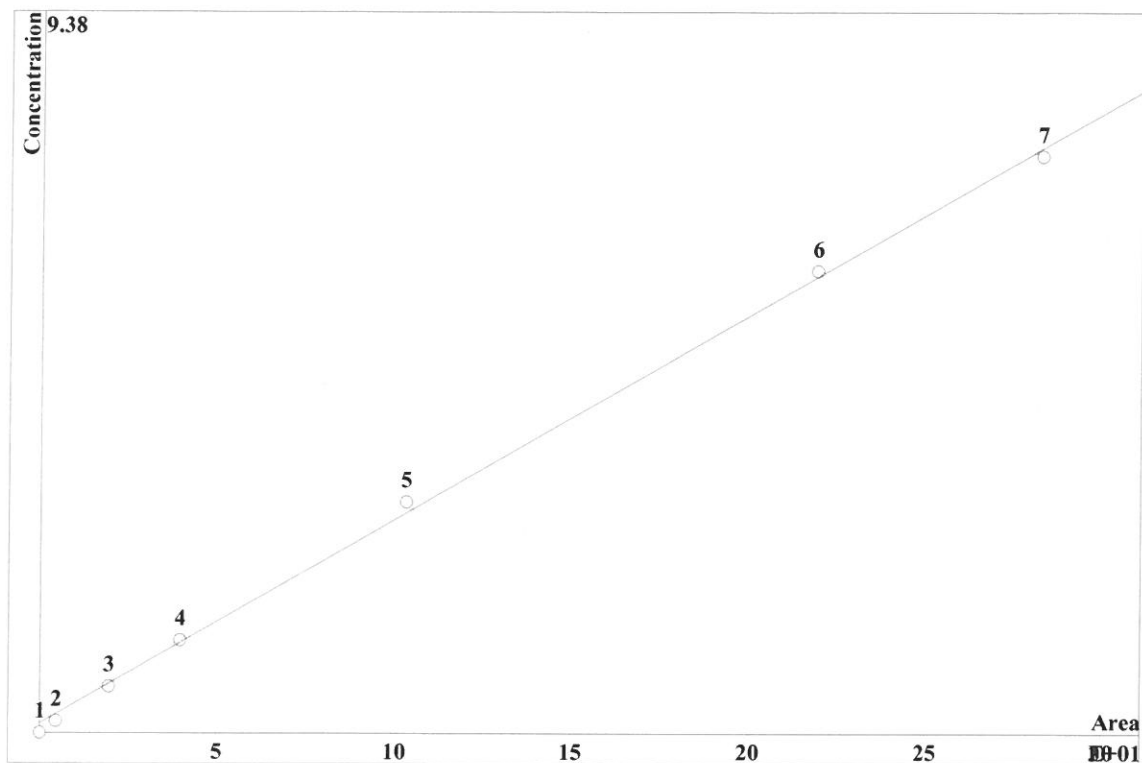
K3 = 0 K2 = 0 K1 = 1.23947 K0 = 1.59291

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 01-22-18.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

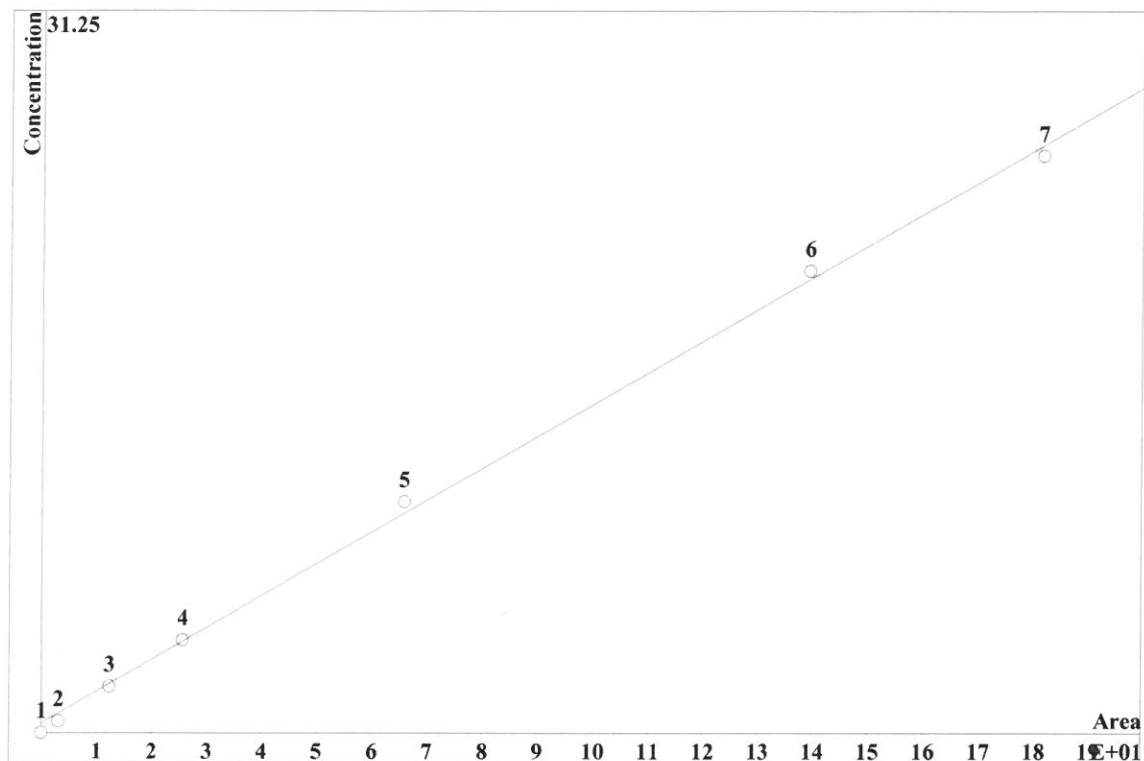
Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

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 01-22-18.mtw
 Equation: $Q = 2.75892 \cdot A + 8.44356$
 RSD: 4.139 %
 Correlation coefficient: 0.999301



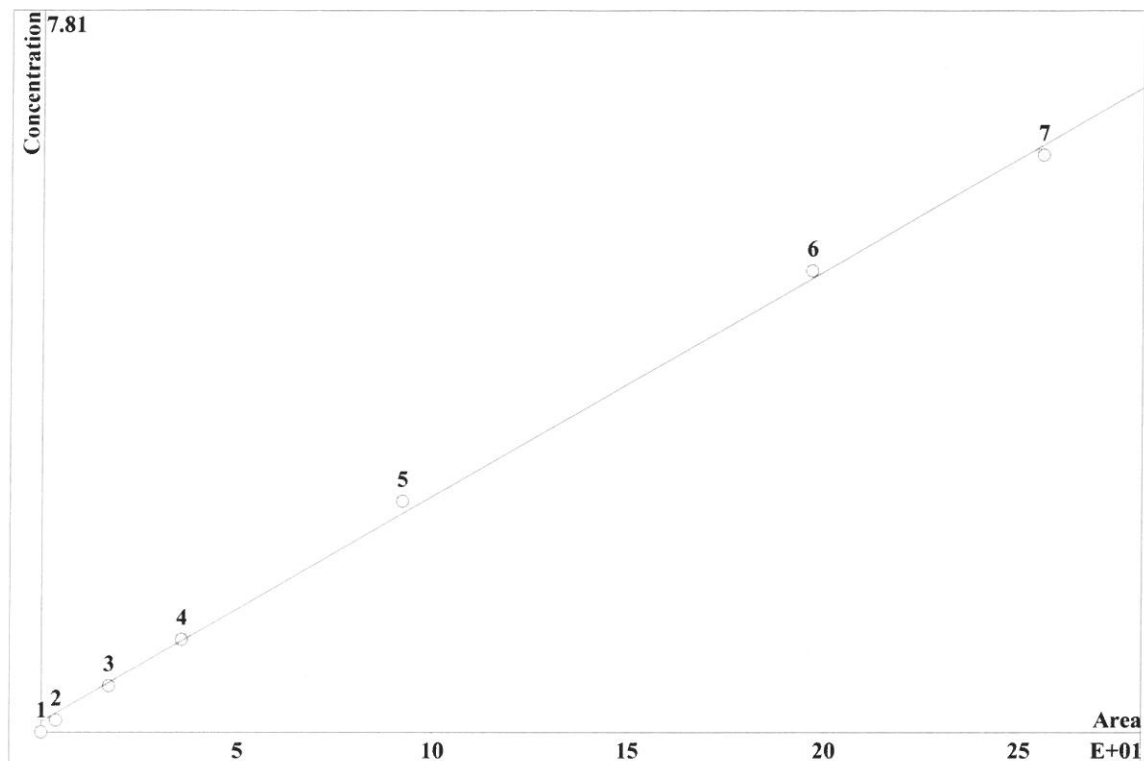
K3 = 0 K2 = 0 K1 = 2.75892 K0 = 8.44356

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 01-22-18.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

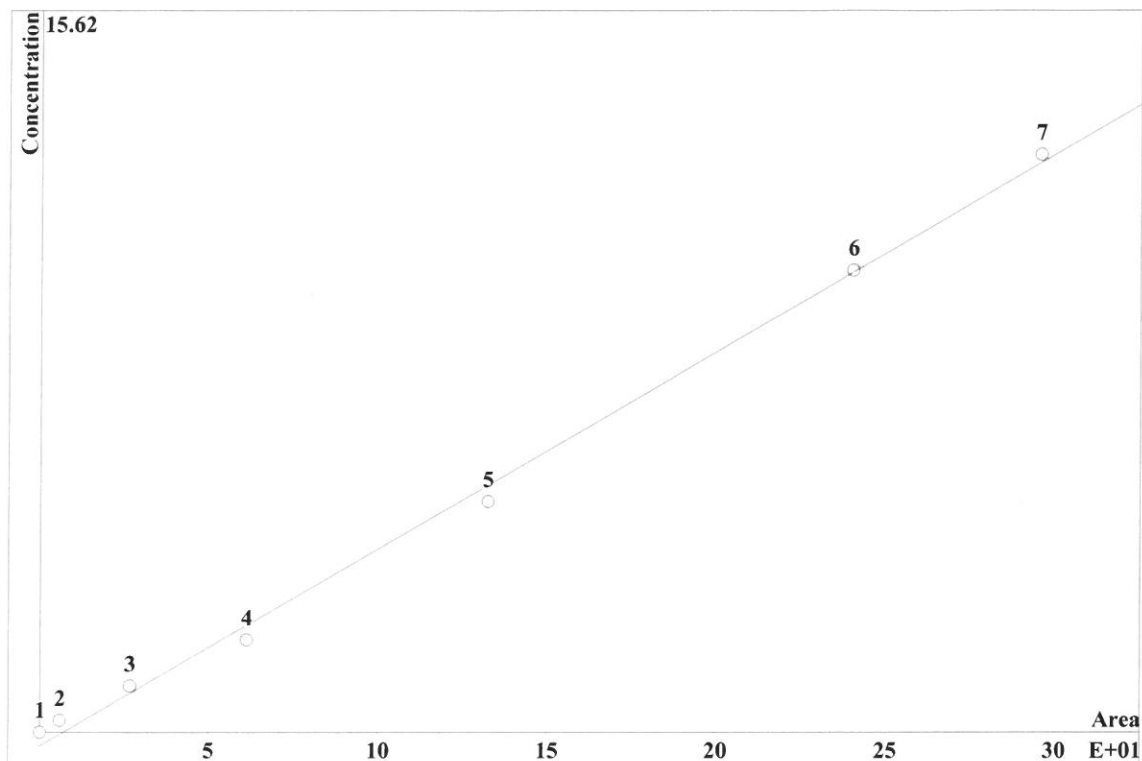
Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

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	

±□□

CALIBRATION OF COMPONENT HPO4

Method: ANIONS 01-22-18.mtw
 Equation: $Q = 0.853465 \cdot A - 5.94487$
 RSD: 5.937 %
 Correlation coefficient: 0.998560



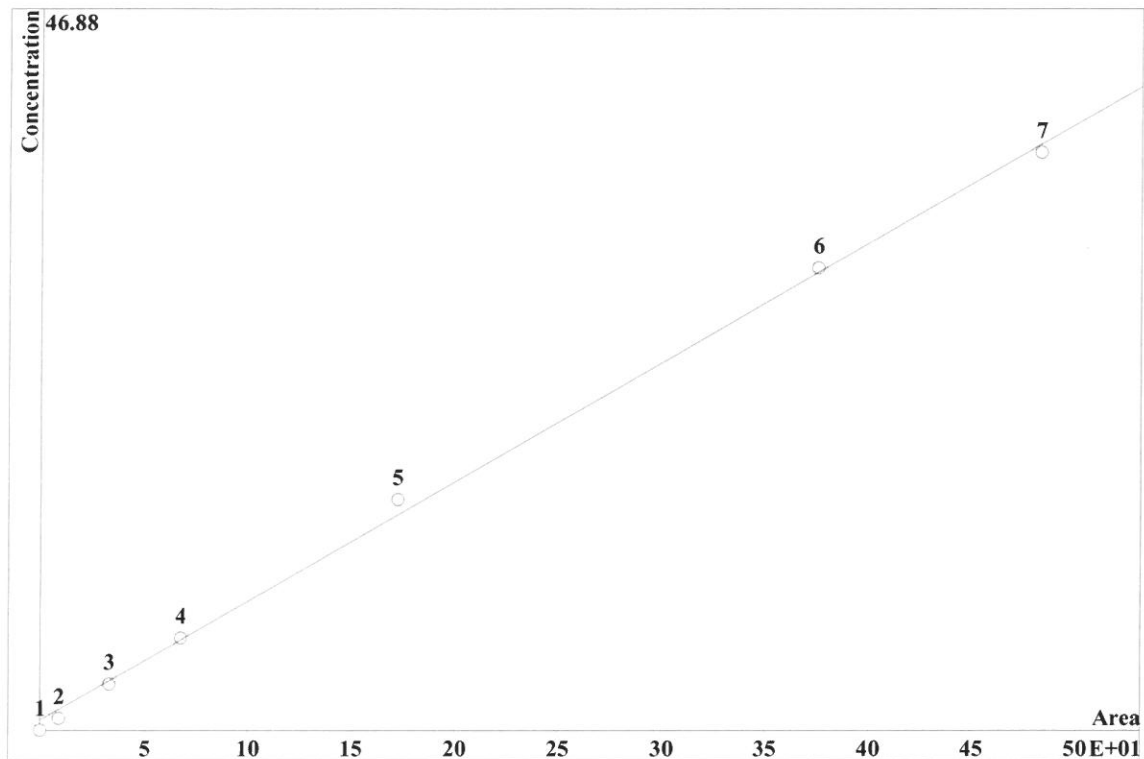
K3 = 0 K2 = 0 K1 = 0.853465 K0 = -5.94487

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 01-22-18.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: 1/25/2018 10:17:15 AM
Printed by: wet

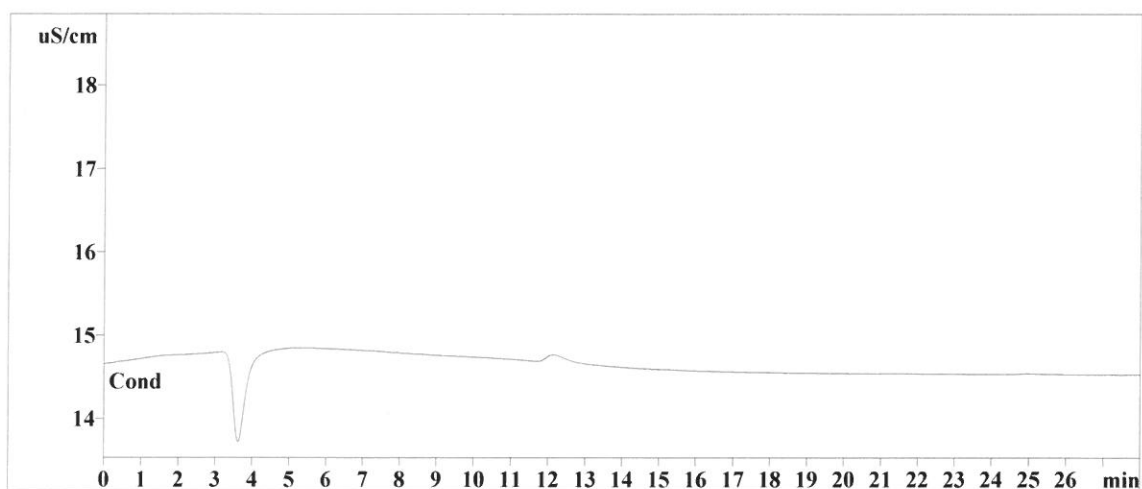
Ident: STD1
Analysis from: 1/22/2018 12:09:05 PM
File: _2018-01-22_

Last save: 1/25/2018 10:17:12 AM

Method: ANIONS 01-22-18.mtw
Run operator: wet
Analysis number: 60769

Last save: 1/22/2018 10:34:24 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: 1/25/2018 10:17:40 AM
Printed by: wet

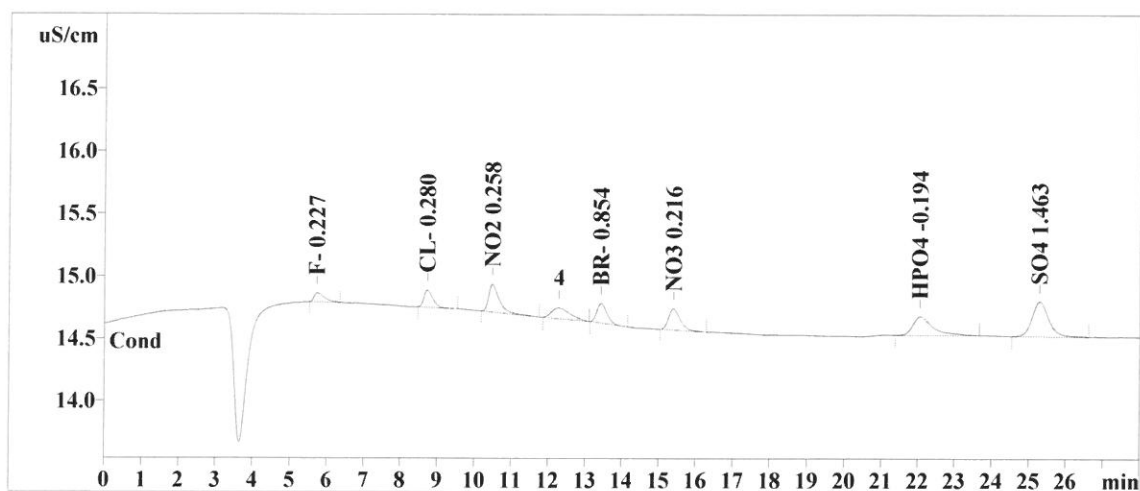
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Analysis from: 1/22/2018 12:39:59 PM
File: _2018-01-22_

Last save: 1/22/2018 1:07:48 PM

Method: ANIONS 01-22-18.mtw
Run operator: wet
Analysis number: 60770

Last save: 1/22/2018 12:36:54 PM

SAMPLE:
: AP/AK
Vial number: 3
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.73	0.290	0.07	5.73	1.441	4.40	0.
2	8.72	0.255	0.14	10.67	2.334	7.13	0.
3	10.49	0.291	0.22	17.25	4.571	13.95	0.
4	13.43	0.292	0.16	12.27	3.013	9.20	0.
5	15.39	0.328	0.17	13.30	3.741	11.42	0.
6	22.06	0.520	0.15	11.74	5.784	17.65	0.
7	25.29	0.461	0.28	21.88	8.819	26.92	0.
7	28.00	0.348	1.19	92.84	29.703	90.66	0.

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Report date: 1/25/2018 10:17:52 AM
Printed by: wet

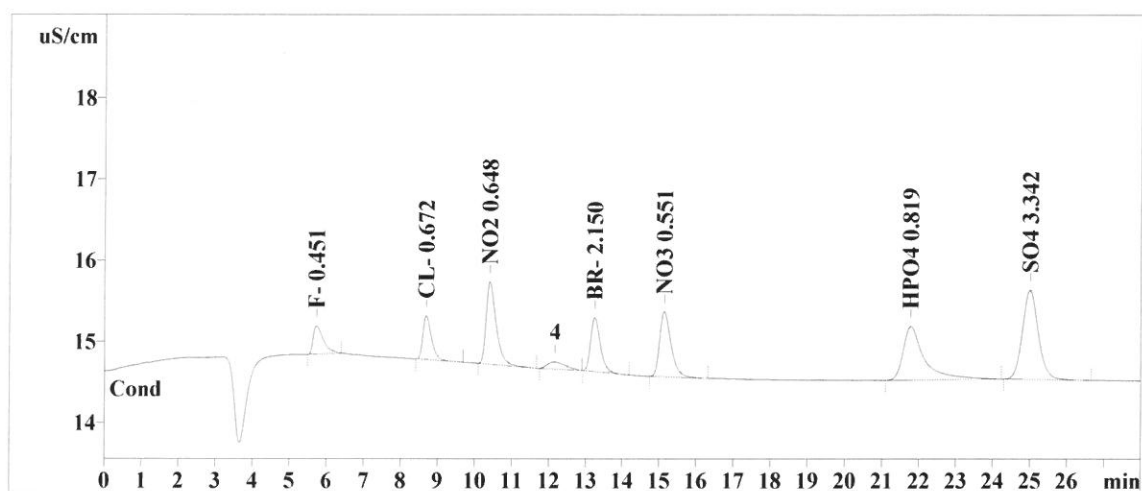
Ident: STD3
Analysis from: 1/22/2018 1:10:54 PM
File: _2018-01-22_

Last save: 1/22/2018 1:38:42 PM

Method: ANIONS 01-22-18.mtw
Run operator: wet
Analysis number: 60771

Last save: 1/22/2018 1:07:48 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.73	0.282	0.35	6.65	6.589	5.19	0.
2	8.68	0.246	0.54	10.29	8.835	6.95	0.
3	10.40	0.283	1.02	19.45	19.438	15.30	0.
4	13.24	0.279	0.67	12.74	12.321	9.70	0.
5	15.14	0.319	0.80	15.37	17.288	13.61	0.
6	21.77	0.515	0.66	12.69	26.709	21.02	0.
7	25.00	0.450	1.10	21.09	32.915	25.91	0.
7	28.00	0.339	5.13	98.27	124.094	97.67	0.

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Report date: 1/25/2018 10:18:15 AM
Printed by: wet

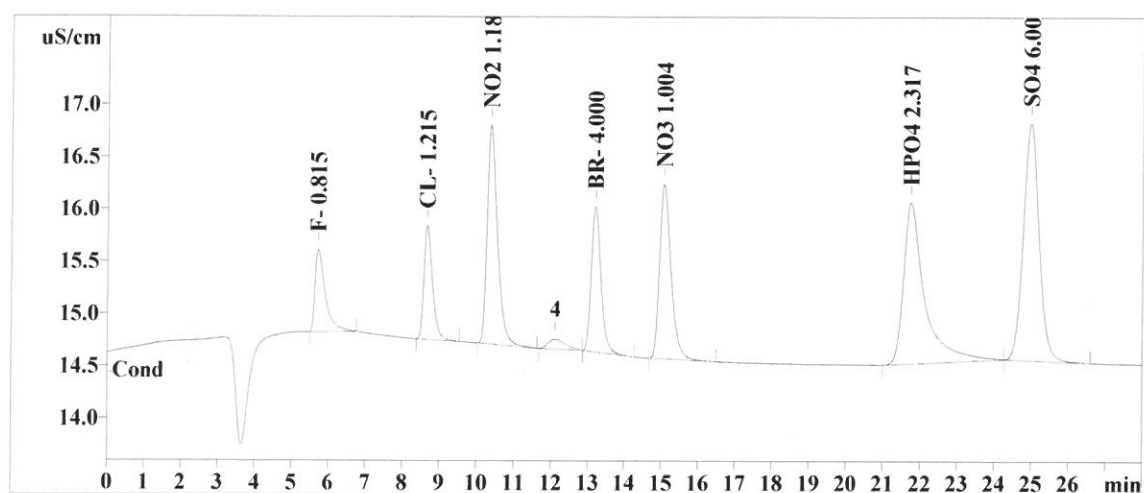
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Analysis from: 1/22/2018 1:41:48 PM
File: _2018-01-22_

Last save: 1/22/2018 2:09:38 PM

Method: ANIONS 01-22-18.mtw
Run operator: wet
Analysis number: 60772

Last save: 1/22/2018 1:38:42 PM

SAMPLE:
: AP/AK
Vial number: 5
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.71	0.273	0.78	7.18	15.215	5.73	0.
2	8.66	0.244	1.09	9.96	17.721	6.67	0.
3	10.37	0.280	2.09	19.13	39.605	14.91	0.
4	13.19	0.277	1.39	12.71	25.580	9.63	0.
5	15.06	0.318	1.67	15.26	35.745	13.46	0.
6	21.74	0.506	1.54	14.09	61.208	23.05	0.
7	24.97	0.450	2.27	20.75	67.285	25.34	0.
7	28.00	0.335	10.82	99.08	262.359	98.80	0.

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Report date: 1/25/2018 10:18:26 AM
Printed by: wet

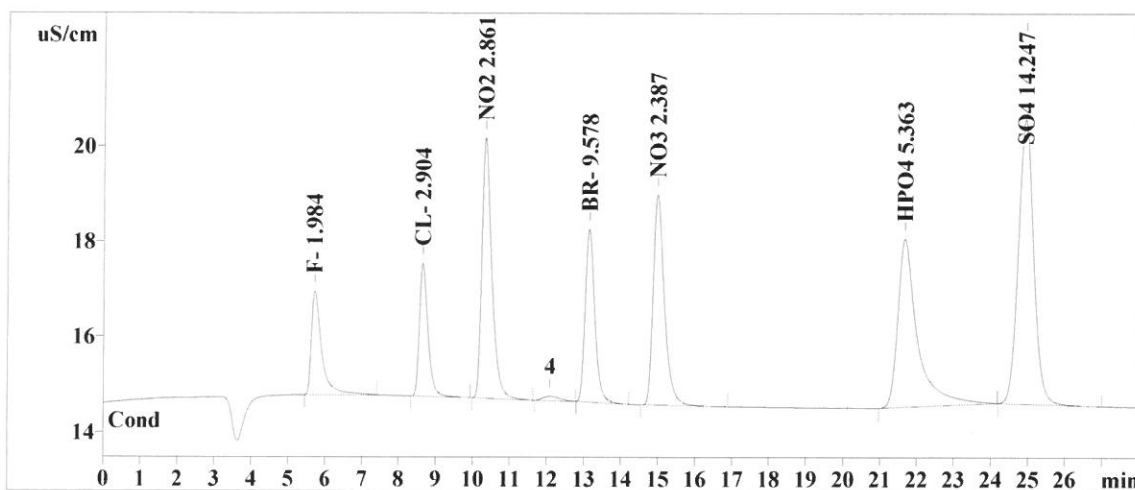
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Analysis from: 1/22/2018 2:12:43 PM
File: _2018-01-22_

Last save: 1/22/2018 2:40:32 PM

Method: ANIONS 01-22-18.mtw
Run operator: wet
Analysis number: 60773

Last save: 1/22/2018 2:14:14 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.70	0.269	2.17	7.74	42.894	6.52	0.
2	8.63	0.242	2.79	9.94	45.512	6.92	0.
3	10.33	0.279	5.46	19.49	103.253	15.70	0.
4	13.13	0.272	3.63	12.93	65.804	10.00	0.
5	14.97	0.307	4.41	15.72	92.287	14.03	0.
6	21.66	0.486	3.52	12.55	132.423	20.13	0.
7	24.91	0.436	5.97	21.29	172.496	26.23	0.
7	28.00	0.327	27.95	99.66	654.668	99.54	0.

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Report date: 1/25/2018 10:18:59 AM
Printed by: wet

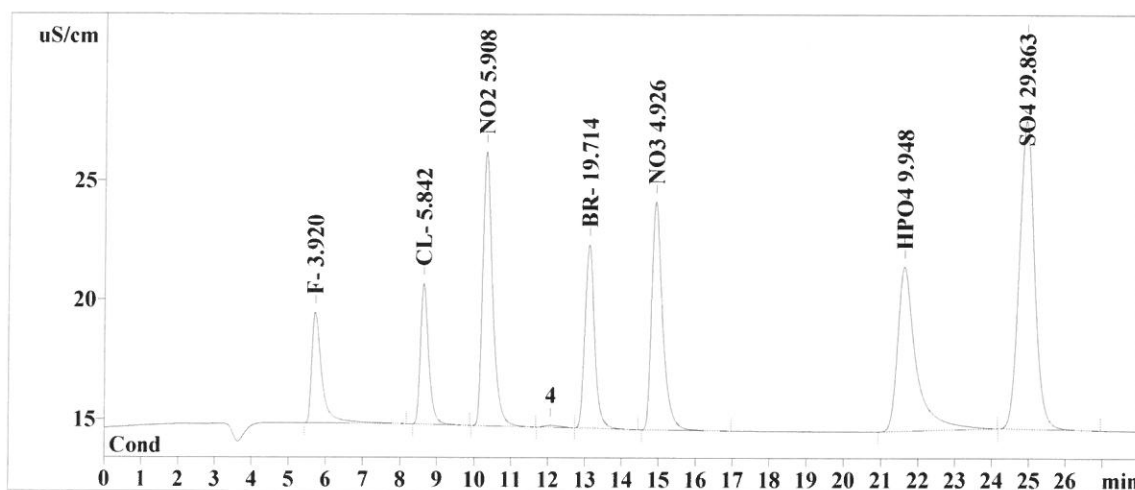
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Analysis from: 1/22/2018 2:43:37 PM
File: _2018-01-22_

Last save: 1/22/2018 3:11:26 PM

Method: ANIONS 01-22-18.mtw
Run operator: wet
Analysis number: 60774

Last save: 1/22/2018 2:40:32 PM

SAMPLE:
: AP/AK
Vial number: 7
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.70	0.259	4.62	7.83	88.940	6.55	0.
2	8.62	0.238	5.88	9.95	94.308	6.95	0.
3	10.31	0.283	11.48	19.44	219.195	16.15	0.
4	13.11	0.272	7.66	12.98	139.288	10.26	0.
5	14.90	0.301	9.55	16.16	196.588	14.49	0.
6	21.61	0.461	6.87	11.63	240.416	17.72	0.
7	24.90	0.439	12.91	21.85	375.576	27.68	0.
7	28.00	0.322	58.97	99.85	1354.311	99.80	0.

This report has been created by IC Net
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Report date: 1/25/2018 10:19:28 AM
Printed by: wet

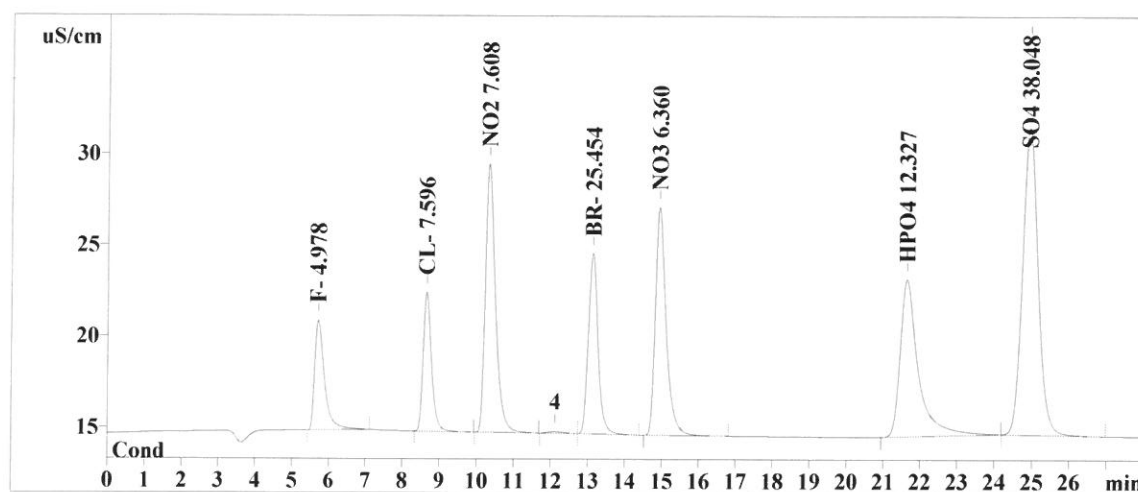
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Analysis from: 1/22/2018 3:14:32 PM
File: _2018-01-22_

Last save: 1/22/2018 3:42:20 PM

Method: ANIONS 01-22-18.mtw
Run operator: wet
Analysis number: 60775

Last save: 1/22/2018 3:11:26 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	5.70	0.259	5.99	7.87	110.069	6.35	0.
2	8.63	0.237	7.61	9.99	121.286	7.00	0.
3	10.31	0.286	14.71	19.31	282.692	16.32	0.
4	13.13	0.276	9.87	12.96	181.458	10.47	0.
5	14.91	0.299	12.49	16.39	255.669	14.76	0.
6	21.62	0.456	8.59	11.28	295.846	17.08	0.
7	24.91	0.433	16.83	22.09	483.006	27.88	0.
7	28.00	0.321	76.11	99.89	1730.027	99.85	0.

This report has been created by IC Net
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Report date: 1/25/2018 10:20:00 AM
Printed by: wet

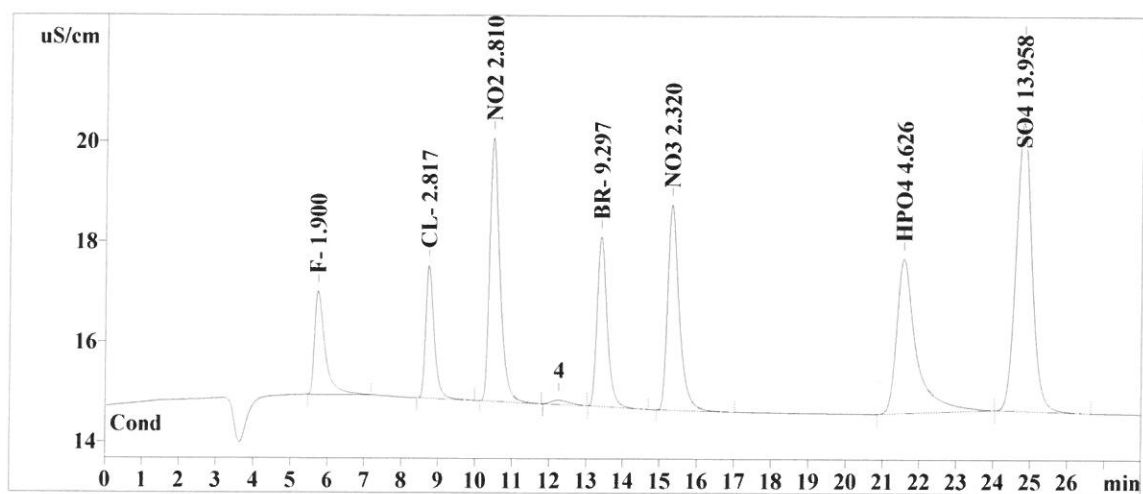
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File: _2018-01-23_

Last save: 1/23/2018 11:13:08 AM

Method: ANIONS 01-22-18.mtw
Run operator: wet
Analysis number: 60782

Last save: 1/22/2018 3:42:20 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	5.72	0.273	2.06	7.81	40.809	6.47	0.
2	8.72	0.248	2.66	10.06	44.165	7.00	0.
3	10.47	0.286	5.26	19.91	101.449	16.07	0.
4	13.39	0.283	3.39	12.83	64.335	10.19	0.
5	15.30	0.323	4.10	15.53	90.282	14.31	0.
6	21.56	0.485	3.09	11.69	115.379	18.28	0.
7	24.79	0.449	5.76	21.83	171.705	27.21	0.
7	28.00	0.335	26.31	99.66	628.124	99.53	0.

This report has been created by IC Net
METROHM LTD

Report date: 1/25/2018 10:20:11 AM
Printed by: wet

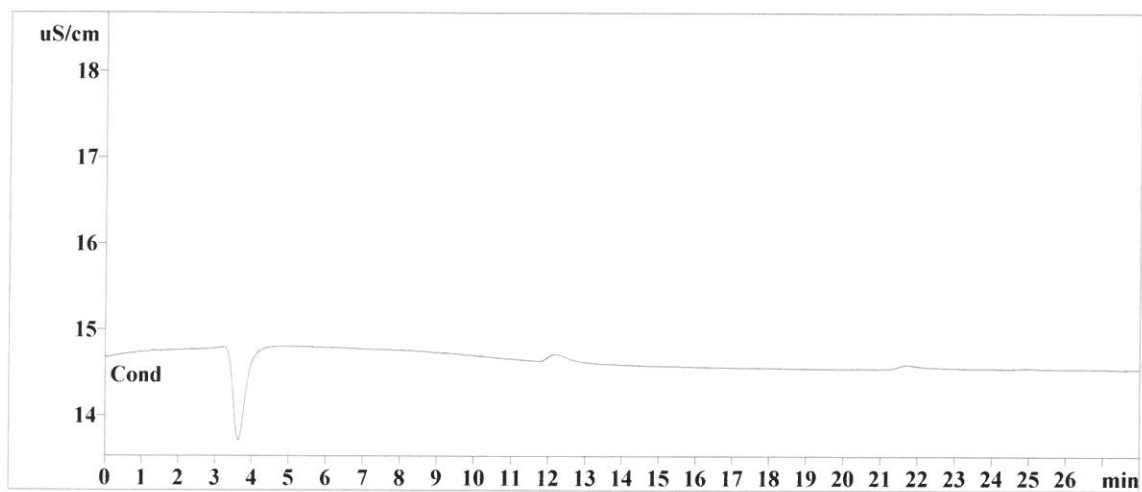
Ident: ICB
Analysis from: 1/23/2018 11:23:25 AM
File: _2018-01-23_

Last save: 1/23/2018 12:44:36 PM

Method: ANIONS 01-22-18.mtw
Run operator: wet
Analysis number: 60783

Last save: 1/22/2018 3:42:20 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: 1/30/2018 11:48:46 AM
 Printed by: wet

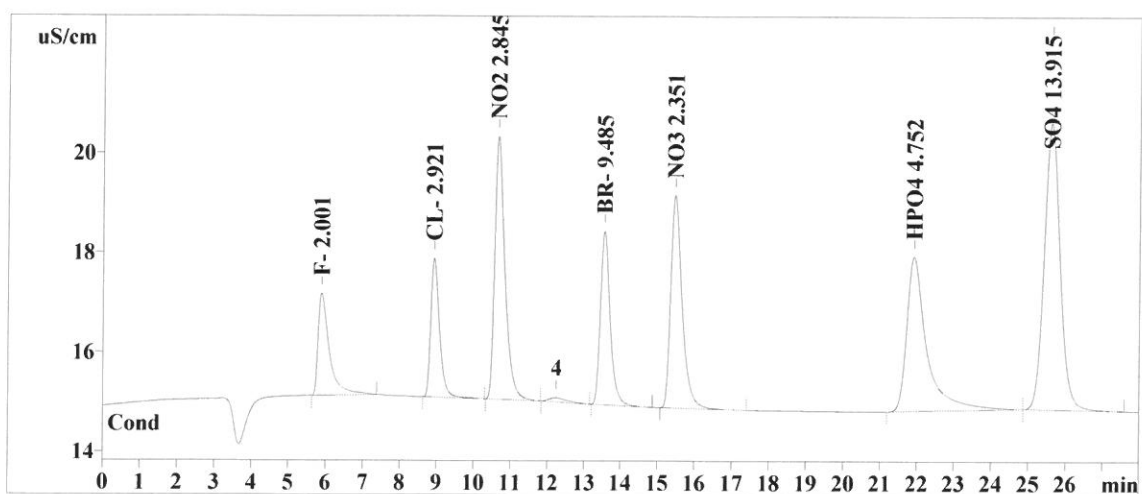
Ident: CCV
 Analysis from: 1/29/2018 11:14:45 AM
 File: _2018-01-29_

Last save: 1/29/2018 11:42:34 AM

Method: ANIONS 01-22-18.mtw
 Run operator: wet
 Analysis number: 60829

Last save: 1/22/2018 3:42:20 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	5.88	0.287	2.05	7.64	43.083	6.72	0.
2	8.92	0.243	2.79	10.40	45.853	7.15	0.
3	10.65	0.288	5.27	19.69	102.769	16.02	0.
4	13.54	0.280	3.48	13.00	65.696	10.24	0.
5	15.46	0.314	4.27	15.93	91.545	14.27	0.
6	21.91	0.489	3.10	11.56	118.312	18.45	0.
7	25.61	0.446	5.75	21.45	171.144	26.69	0.
7	28.00	0.335	26.69	99.67	638.402	99.54	0.

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Report date: 1/30/2018 11:49:14 AM
Printed by: wet

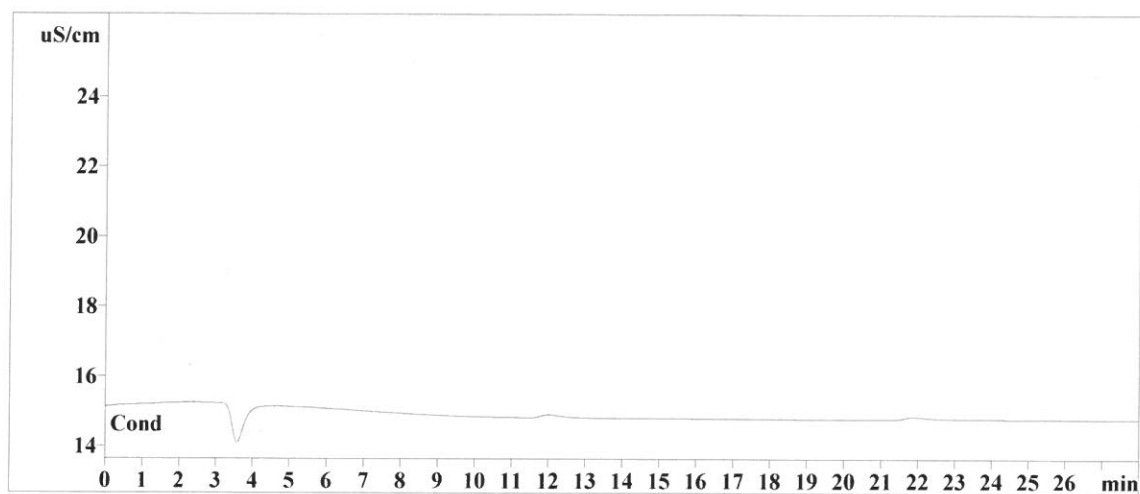
Ident: CCB
Analysis from: 1/29/2018 11:45:40 AM
File: _2018-01-29_

Last save: 1/30/2018 11:49:10 AM

Method: ANIONS 01-22-18.mtw
Run operator: wet
Analysis number: 60830

Last save: 1/22/2018 3:42:20 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: 1/30/2018 11:49:37 AM
Printed by: wet

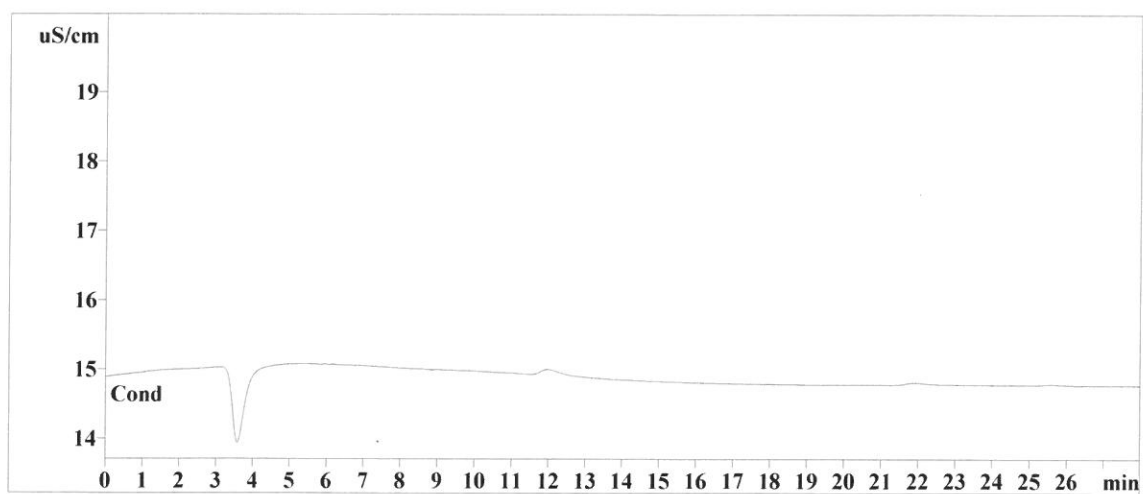
Ident: LB92990BLW
Analysis from: 1/29/2018 12:16:34 PM
File: _2018-01-29_

Last save: 1/30/2018 11:49:38 AM

Method: ANIONS 01-22-18.mtw
Run operator: wet
Analysis number: 60831

Last save: 1/22/2018 3:42:20 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: 1/30/2018 11:49:49 AM
Printed by: wet

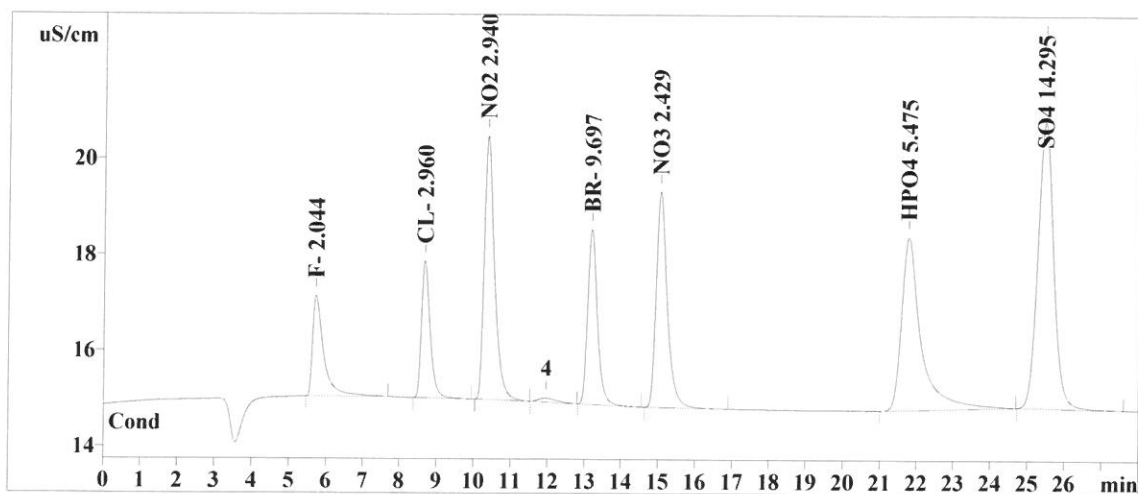
Ident: LB92990BSW
Analysis from: 1/29/2018 12:47:29 PM
File: _2018-01-29_

Last save: 1/30/2018 11:47:36 AM

Method: ANIONS 01-22-18.mtw
Run operator: wet
Analysis number: 60832

Last save: 1/22/2018 3:42:20 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	5.71	0.281	2.10	7.43	44.050	6.54	0.
2	8.67	0.241	2.85	10.11	46.473	6.90	0.
3	10.36	0.286	5.49	19.45	106.367	15.80	0.
4	13.18	0.275	3.64	12.91	67.232	9.99	0.
5	15.04	0.309	4.49	15.92	94.735	14.07	0.
6	21.76	0.480	3.60	12.75	135.275	20.10	0.
7	25.45	0.444	5.96	21.10	176.062	26.16	0.
7	28.00	0.331	28.13	99.67	670.194	99.57	0.

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Report date: 1/30/2018 12:26:09 PM
Printed by: wet

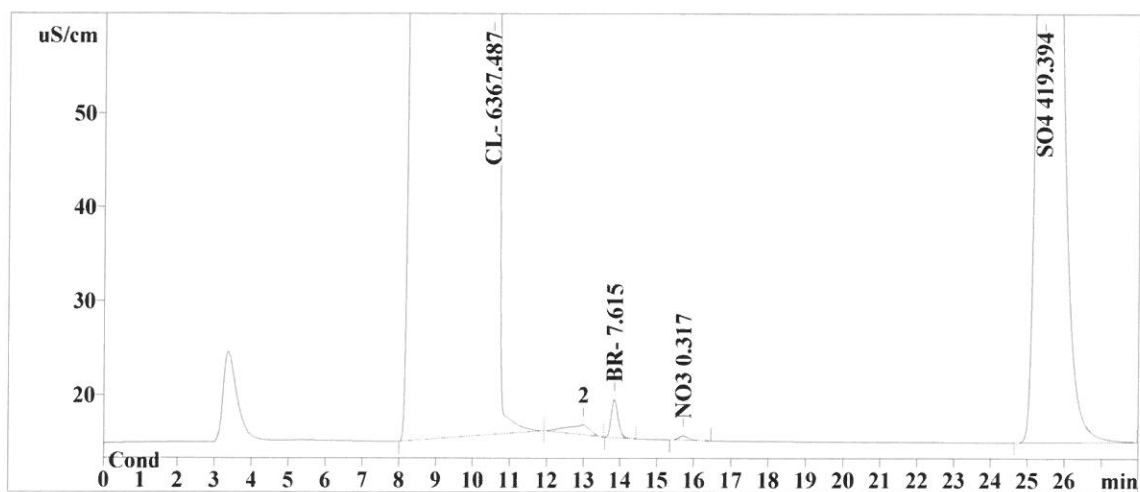
Ident: J1364-14
Analysis from: 1/29/2018 5:33:36 PM
File: _2018-01-29_

Last save: 1/30/2018 12:26:10 PM

Method: ANIONS 01-22-18.mtw
Run operator: wet
Analysis number: 60834

Last save: 1/22/2018 3:42:20 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	10.52	1.766	1060.95	86.84	102744.118	94.90	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.85	0.198	4.03	0.33	52.139	0.05	0.
5	15.71	0.278	0.45	0.04	8.310	0.01	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.43	0.527	155.29	12.71	5410.930	5.00	0.
7	28.00	0.396	1220.72	99.91	108215.497	99.96	0.

This report has been created by IC Net
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Report date: 1/30/2018 11:54:26 AM
Printed by: wet

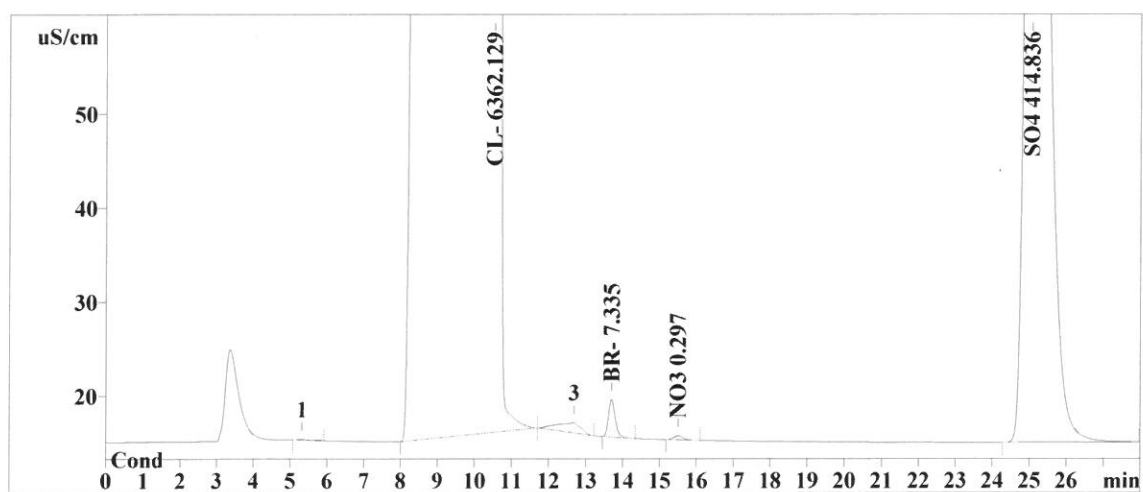
Ident: J1364-15
Analysis from: 1/29/2018 6:04:31 PM
File: _2018-01-29_

Last save: 1/30/2018 11:54:26 AM

Method: ANIONS 01-22-18.mtw
Run operator: wet
Analysis number: 60835

Last save: 1/22/2018 3:42:20 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	10.52	1.766	1059.07	86.99	102657.652	94.95	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.70	0.191	3.99	0.33	50.111	0.05	0.
5	15.50	0.268	0.43	0.04	7.474	0.01	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.06	0.534	152.79	12.55	5352.032	4.95	0.
7	28.00	0.394	1216.28	99.91	108067.269	99.96	0.

This report has been created by IC Net
METROHM LTD

Report date: 1/30/2018 11:55:01 AM
Printed by: wet

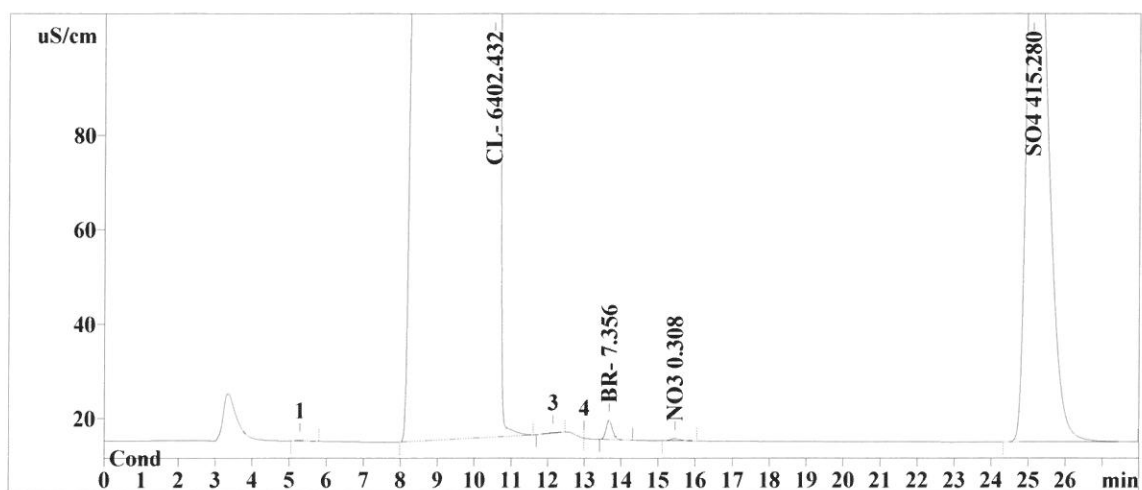
Ident: J1364-15DUP
Analysis from: 1/29/2018 6:35:25 PM
File: _2018-01-29_

Last save: 1/30/2018 11:55:02 AM

Method: ANIONS 01-22-18.mtw
Run operator: wet
Analysis number: 60836

Last save: 1/22/2018 3:42:20 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	10.52	1.790	1054.48	87.07	103307.980	95.01	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.67	0.189	4.05	0.33	50.264	0.05	0.
5	15.45	0.269	0.45	0.04	7.938	0.01	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.11	0.539	151.71	12.53	5357.766	4.93	0.
7	28.00	0.398	1210.69	99.97	108723.948	99.99	0.

This report has been created by IC Net
METROHM LTD

Report date: 1/30/2018 12:17:43 PM
 Printed by: wet

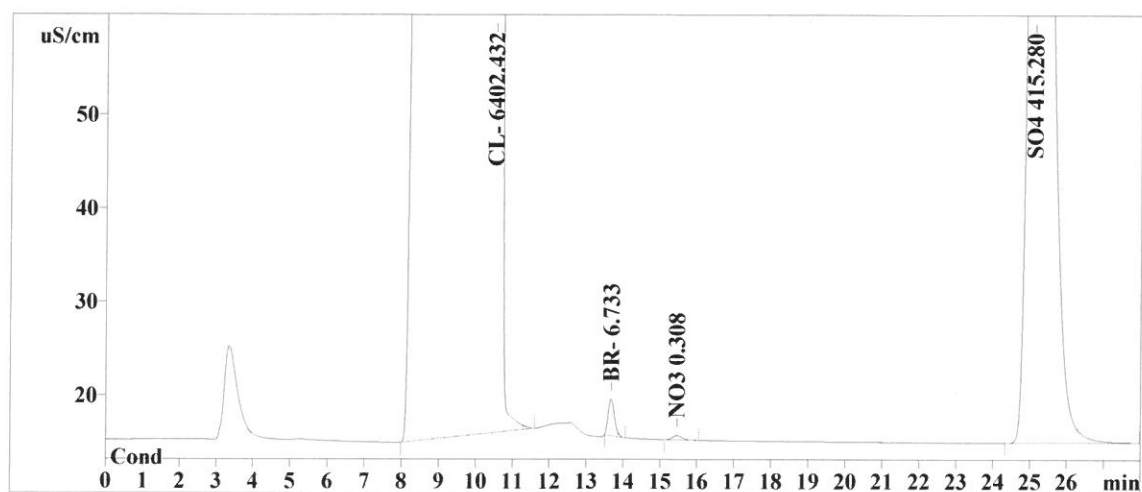
Ident: J1364-15DUP
 Analysis from: 1/29/2018 6:35:25 PM
 File: _2018-01-29_

Last save: 1/30/2018 12:17:34 PM

Method: ANIONS 01-22-18.mtw
 Run operator: wet
 Analysis number: 60836

Last save: 1/22/2018 3:42:20 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	10.52	1.790	1054.48	87.10	103307.980	95.02	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.67	0.184	3.89	0.32	45.747	0.04	0.
5	15.45	0.269	0.45	0.04	7.938	0.01	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.11	0.539	151.71	12.53	5357.766	4.93	0.
7	28.00	0.397	1210.53	99.99	108719.431	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 1/30/2018 12:18:17 PM
 Printed by: wet

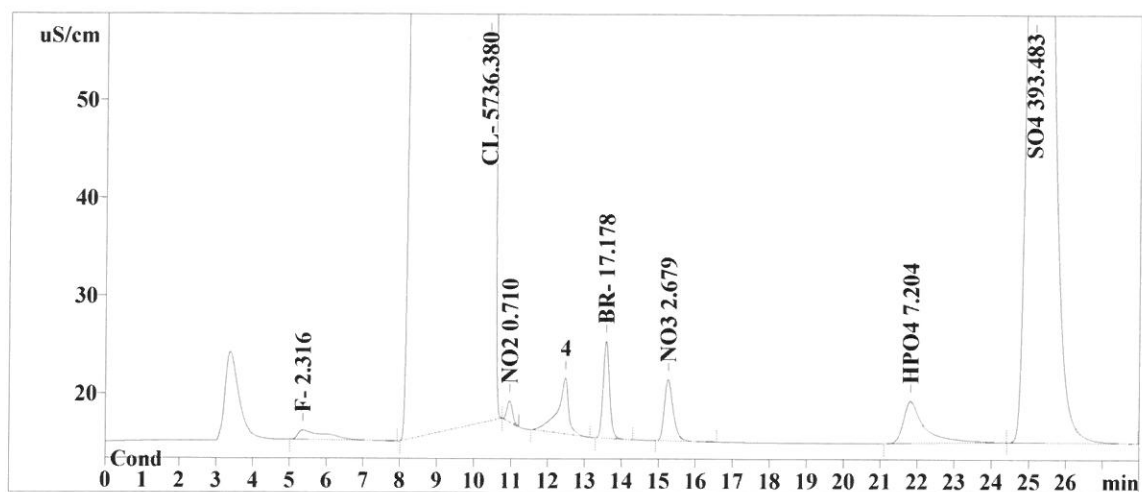
Ident: J1364-15MS
 Analysis from: 1/29/2018 7:06:19 PM
 File: _2018-01-29_

Last save: 1/30/2018 12:15:54 PM

Method: ANIONS 01-22-18.mtw
 Run operator: wet
 Analysis number: 60837

Last save: 1/22/2018 3:42:20 PM

SAMPLE:
 : AK/AP
 Vial number: 9
 Volume: 20.0 µL
 Dilution: 1.00
 Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.37	0.994	0.93	0.08	50.171	0.05	0.
2	10.38	1.658	1017.08	85.40	92560.600	94.23	0.
3	10.97	0.163	2.13	0.18	22.128	0.02	0.
4	13.58	0.186	9.89	0.83	121.466	0.12	0.
5	15.25	0.250	6.27	0.53	105.004	0.11	0.
6	21.82	0.489	4.32	0.36	175.773	0.18	0.
7	25.12	0.536	144.56	12.14	5076.098	5.17	0.
7	28.00	0.611	1185.17	99.51	98111.240	99.88	0.

This report has been created by IC Net
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Report date: 1/30/2018 12:20:04 PM
Printed by: wet

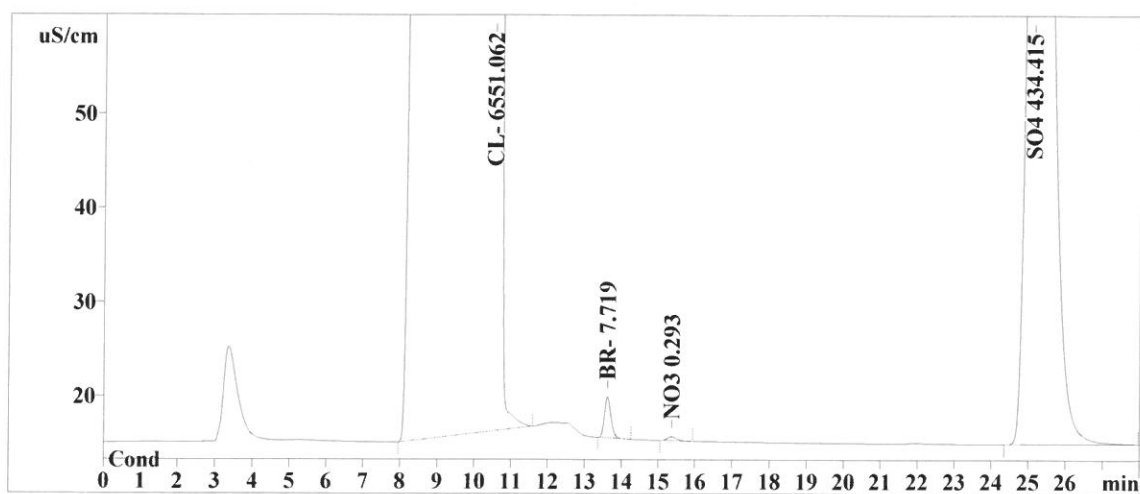
Ident: J1364-16
Analysis from: 1/29/2018 7:37:14 PM
File: _2018-01-29_

Last save: 1/30/2018 12:20:04 PM

Method: ANIONS 01-22-18.mtw
Run operator: wet
Analysis number: 60838

Last save: 1/22/2018 3:42:20 PM

SAMPLE:
: AK/AP
Vial number: 10
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	10.53	1.827	1057.70	86.91	105706.266	94.91	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.61	0.186	4.32	0.36	52.896	0.05	0.
5	15.36	0.264	0.42	0.03	7.300	0.01	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.13	0.552	154.60	12.70	5605.033	5.03	0.
7	28.00	0.404	1217.04	100.00	111371.495	100.00	0.

This report has been created by IC Net
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Report date: 1/31/2018 9:14:00 AM
Printed by: wet

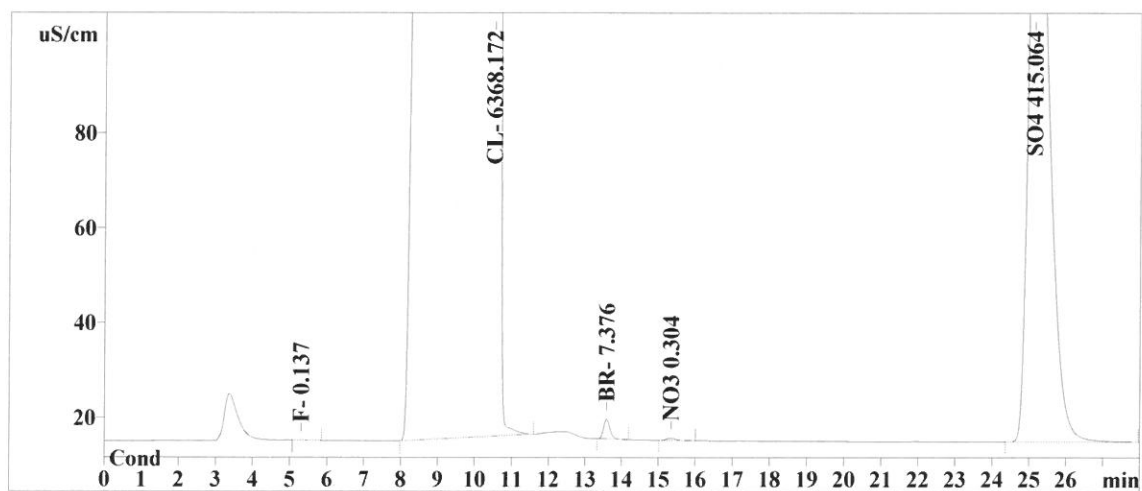
Ident: J1364-17
Analysis from: 1/29/2018 8:08:08 PM
File: _2018-01-29_

Last save: 1/31/2018 9:13:54 AM

Method: ANIONS 01-22-18.mtw
Run operator: wet
Analysis number: 60839

Last save: 1/22/2018 3:42:20 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	5.29	0.311	0.06	0.00	1.144	0.00	0.
2	10.51	1.786	1050.08	87.15	102755.164	94.99	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.59	0.186	4.13	0.34	50.410	0.05	0.
5	15.34	0.262	0.45	0.04	7.780	0.01	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.13	0.544	150.10	12.46	5354.975	4.95	0.
7	28.00	0.441	1204.82	99.99	108169.474	100.00	0.

This report has been created by IC Net
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Report date: 1/30/2018 12:22:12 PM
Printed by: wet

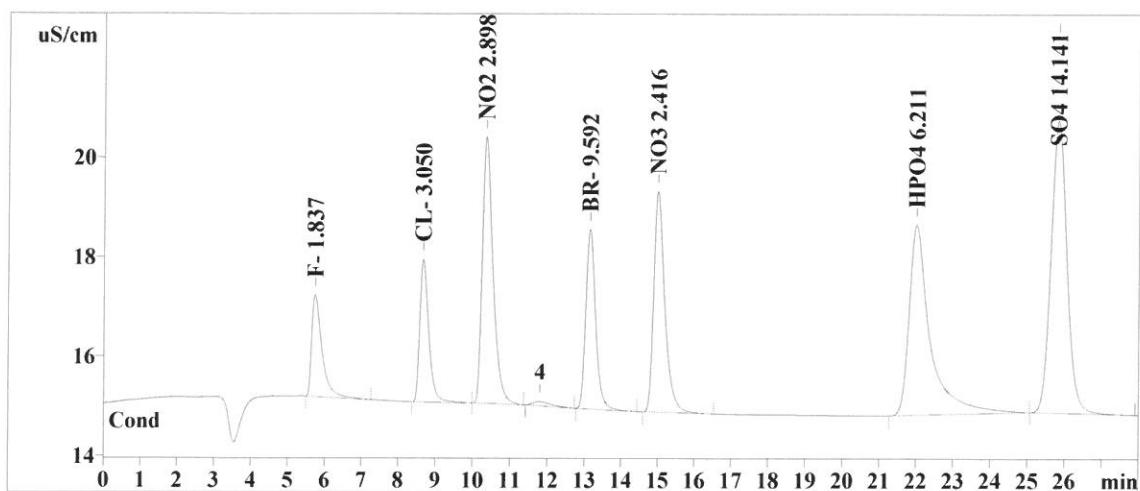
Ident: CCV
Analysis from: 1/29/2018 8:39:03 PM
File: _2018-01-29_

Last save: 1/29/2018 9:06:52 PM

Method: ANIONS 01-22-18.mtw
Run operator: wet
Analysis number: 60840

Last save: 1/22/2018 3:42:20 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	5.73	0.271	2.04	7.27	39.408	5.78	0.
2	8.66	0.245	2.87	10.22	47.926	7.02	0.
3	10.34	0.290	5.36	19.07	104.764	15.35	0.
4	13.14	0.274	3.60	12.83	66.471	9.74	0.
5	14.99	0.312	4.44	15.79	94.207	13.81	0.
6	22.01	0.504	3.82	13.60	152.508	22.35	0.
7	25.82	0.446	5.88	20.92	174.075	25.51	0.
7	28.00	0.335	28.01	99.69	679.359	99.57	0.

This report has been created by IC Net
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Report date: 1/30/2018 12:22:32 PM
Printed by: wet

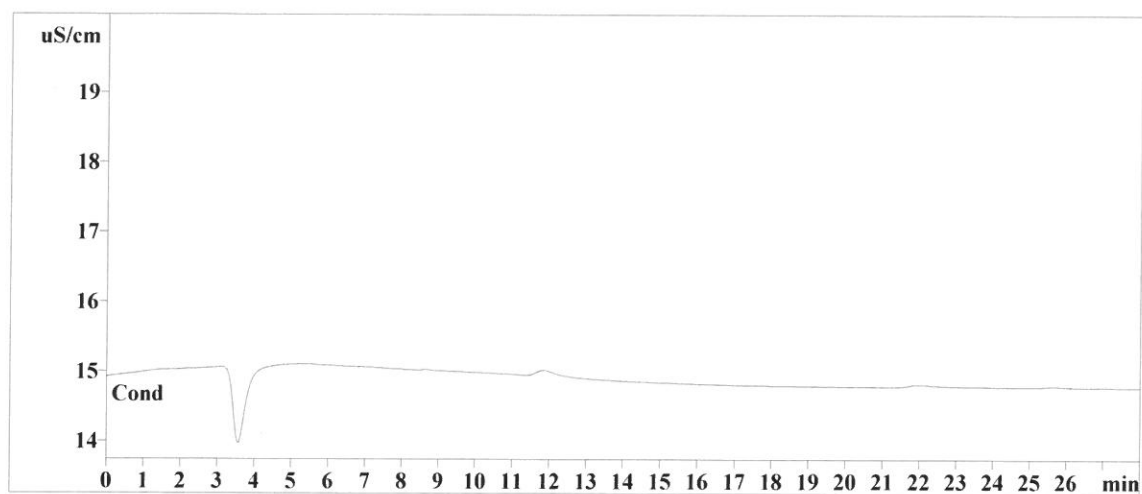
Ident: CCB
Analysis from: 1/29/2018 9:09:57 PM
File: _2018-01-29_

Last save: 1/30/2018 12:22:30 PM

Method: ANIONS 01-22-18.mtw
Run operator: wet
Analysis number: 60841

Last save: 1/22/2018 3:42:20 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
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