

M300.0

IC-1

7-13-17 AK

Clear table

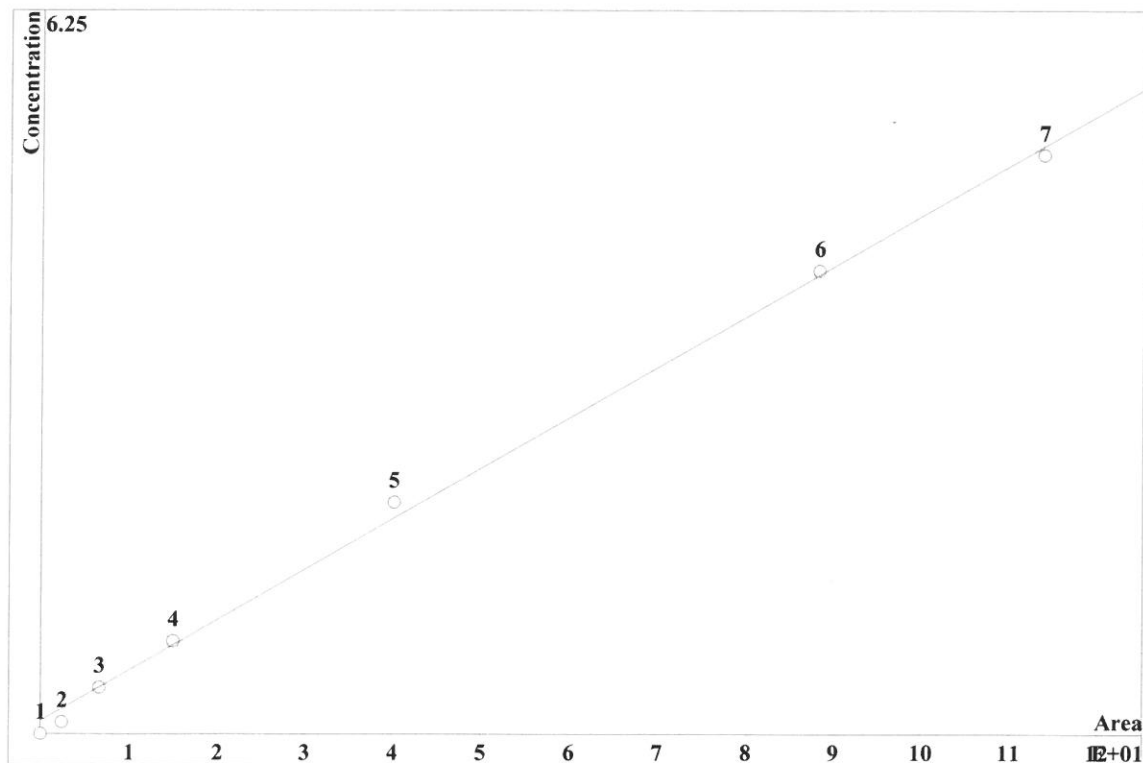
ident	concentrati on F-	concentrati on CL-	concentrati on NO2	concentrati on BR-	concentrati on NO3	concentrati on HPO4	concentrati on SO4	file name	date time
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2017-06-12_	6/12/17 11:03
STD2	0.2210	0.2020	0.2240	0.6590	0.1900	0.2110	1.2090	_2017-06-12_	6/12/17 11:32
STD3	0.4040	0.6120	0.6190	2.0790	0.5280	1.0010	3.1940	_2017-06-12_	6/12/17 12:01
STD4	0.7680	1.1490	1.1370	3.8090	0.9420	2.0360	5.6490	_2017-06-12_	6/12/17 12:29
STD5	1.8660	2.9940	2.9660	9.9910	2.4430	5.1410	14.5970	_2017-06-12_	6/12/17 12:58
STD6	3.9630	5.9300	5.9310	19.7270	4.9790	9.6770	29.6570	_2017-06-12_	6/12/17 13:27
STD7	5.0770	7.5630	7.5730	25.2350	6.2940	12.6840	37.9440	_2017-06-12_	6/12/17 13:56
ICV	2.1210	2.9490	2.9210	9.8130	2.4090	5.1430	14.5020	_2017-06-12_	6/12/17 16:02
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2017-06-12_	6/12/17 16:31
CCV	2.1370	2.8840	2.9050	9.8100	2.3680	4.9140	14.4190	_2017-07-07_	7/7/17 20:50
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2017-07-07_	7/7/17 21:19
LB88669BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2017-07-07_	7/7/17 21:48
LB88669BSW	2.1610	3.0170	2.9380	9.7380	2.4190	5.0920	14.8790	_2017-07-07_	7/7/17 22:17
I4047-01	0.2580	0.2550	0.2450	0.8270	0.2130	0.2580	1.5070	_2017-07-07_	7/7/17 22:46
I4047-02	0.2540	0.2490	0.2420	0.8300	0.2040	0.1830	1.4520	_2017-07-07_	7/7/17 23:15
I4047-03	0.2630	0.2430	0.2440	0.8530	0.2050	0.2250	1.4740	_2017-07-07_	7/7/17 23:44
I4047-04	0.2530	0.2320	0.2390	0.8490	0.2000	0.2270	1.4800	_2017-07-08_	7/8/17 0:13
I4047-05	0.2610	0.2770	0.2400	0.8530	0.2120	0.2380	1.5160	_2017-07-08_	7/8/17 0:42
I4047-06	0.2660	0.2480	0.2400	0.8510	0.2070	0.2560	1.4770	_2017-07-08_	7/8/17 1:11
I4047-07	0.2600	0.2270	0.2430	0.8830	0.2060	0.2660	1.5050	_2017-07-08_	7/8/17 1:40
I4047-07	0.2550	0.2450	0.2390	0.8420	0.2040	0.2630	1.4990	_2017-07-08_	7/8/17 2:08
CCV	2.1560	3.0340	2.9940	9.8330	2.4280	5.0740	14.9640	_2017-07-08_	7/8/17 2:37
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2017-07-08_	7/8/17 3:06

IC-1

6-12-17 AK

CALIBRATION OF COMPONENT F-

Method: ANIONS 06-12-17.mtw
 Equation: $Q = 0.872097 \cdot A + 2.29619$
 RSD: 4.929 %
 Correlation coefficient: 0.999008



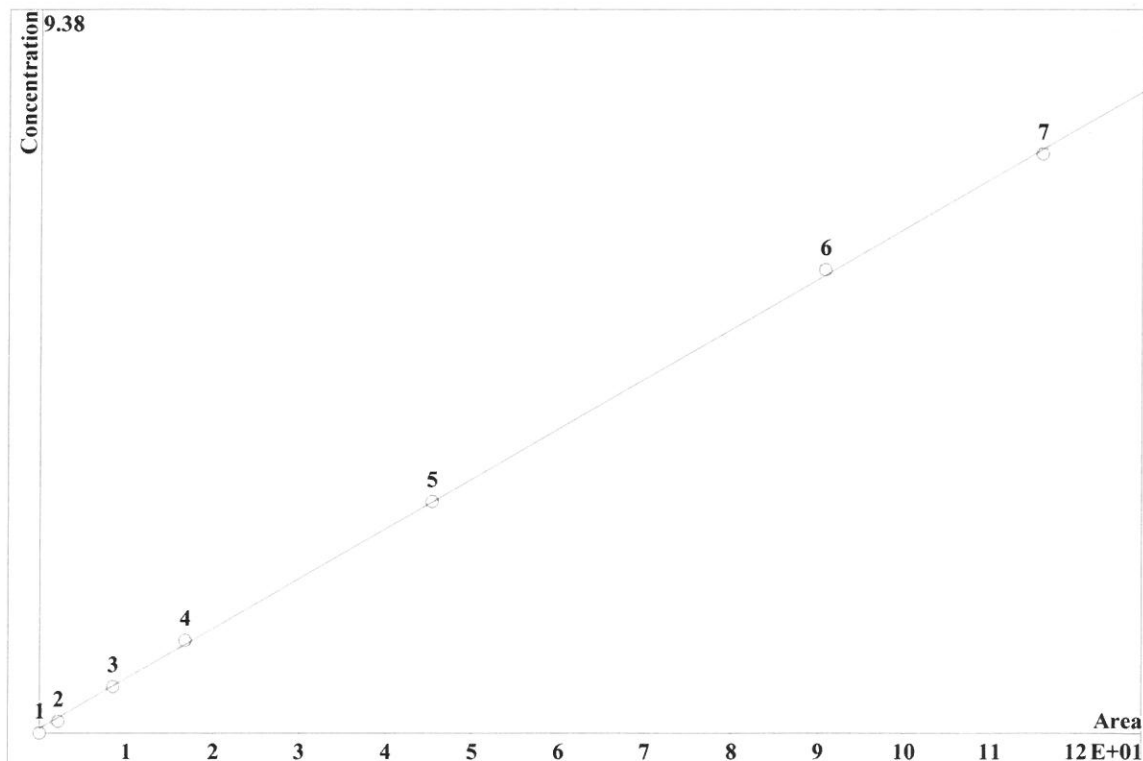
K3 = 0 K2 = 0 K1 = 0.872097 K0 = 2.29619

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	0.07379	2.432	0.1	20	5.749			Yes
3	0.3086	6.637	0.4	20	5.72			Yes
4	0.6516	14.99	0.8	20	5.72			Yes
5	1.921	40.17	2	20	5.72			Yes
6	4.06	88.25	4	20	5.72			Yes
7	5.304	113.8	5	20	5.72			Yes

CALIBRATION OF COMPONENT CL-

Method: ANIONS 06-12-17.mtw
 Equation: $Q = 1.29292 \cdot A + 1.25546$
 RSD: 1.942 %
 Correlation coefficient: 0.999846



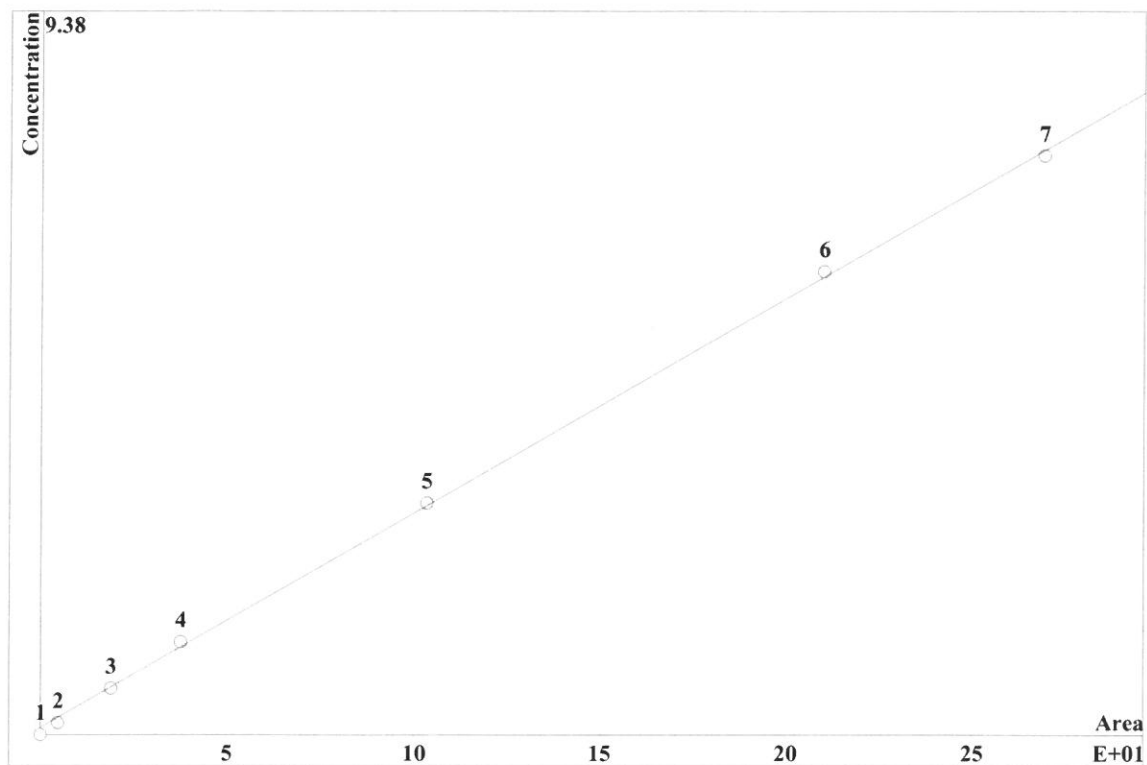
K3 = 0 K2 = 0 K1 = 1.29292 K0 = 1.25546

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	0.107	2.154	0.15	20	8.479			Yes
3	0.4317	8.493	0.6	20	8.411			Yes
4	0.8403	16.81	1.2	20	8.411			Yes
5	2.308	45.35	3	20	8.411			Yes
6	4.698	90.76	6	20	8.411			Yes
7	6.047	116	7.5	20	8.411			Yes

CALIBRATION OF COMPONENT NO2

Method: ANIONS 06-12-17.mtw
 Equation: $Q = 0.55604 \cdot A + 1.84345$
 RSD: 2.353 %
 Correlation coefficient: 0.999774



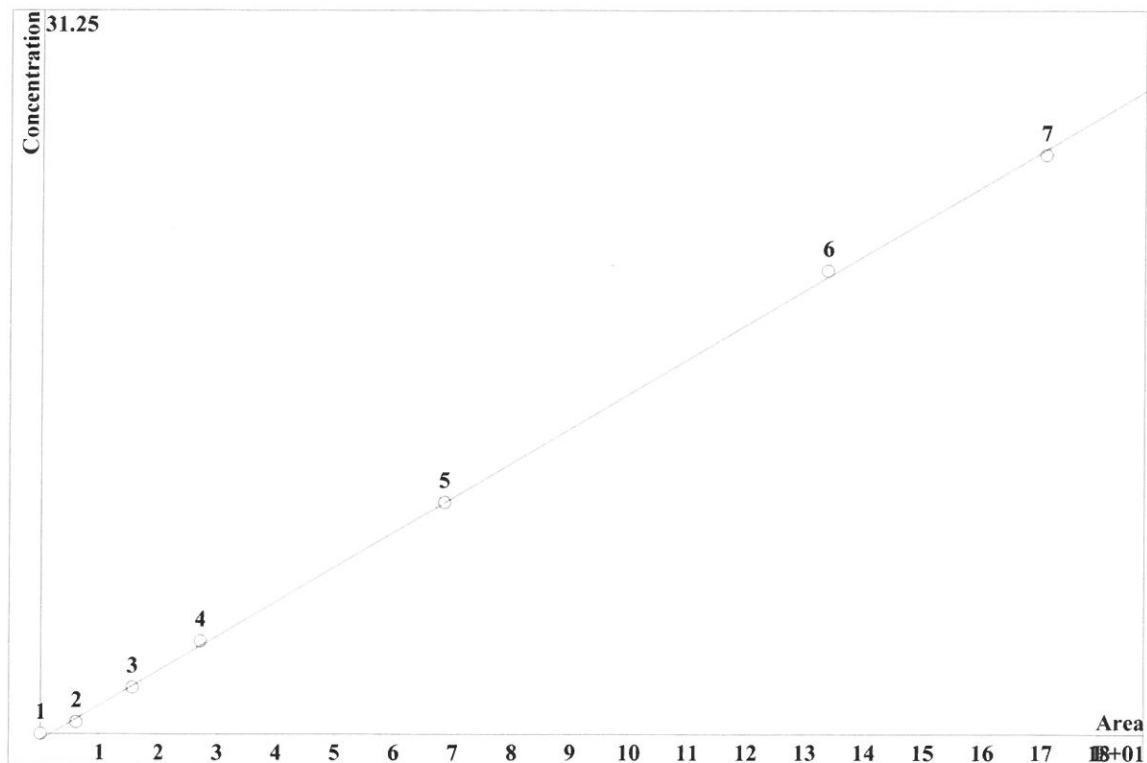
K3 = 0 K2 = 0 K1 = 0.55604 K0 = 1.84345
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.206	4.726	0.15	20	10.05			Yes
3	0.8694	18.94	0.6	20	9.95			Yes
4	1.714	37.59	1.2	20	9.95			Yes
5	4.807	103.4	3	20	9.95			Yes
6	9.825	210	6	20	9.95			Yes
7	12.74	269.1	7.5	20	9.95			Yes

±0.5

CALIBRATION OF COMPONENT BR-

Method: ANIONS 06-12-17.mtw
 Equation: $Q = 2.98803 \cdot A - 4.99399$
 RSD: 2.169 %
 Correlation coefficient: 0.999808



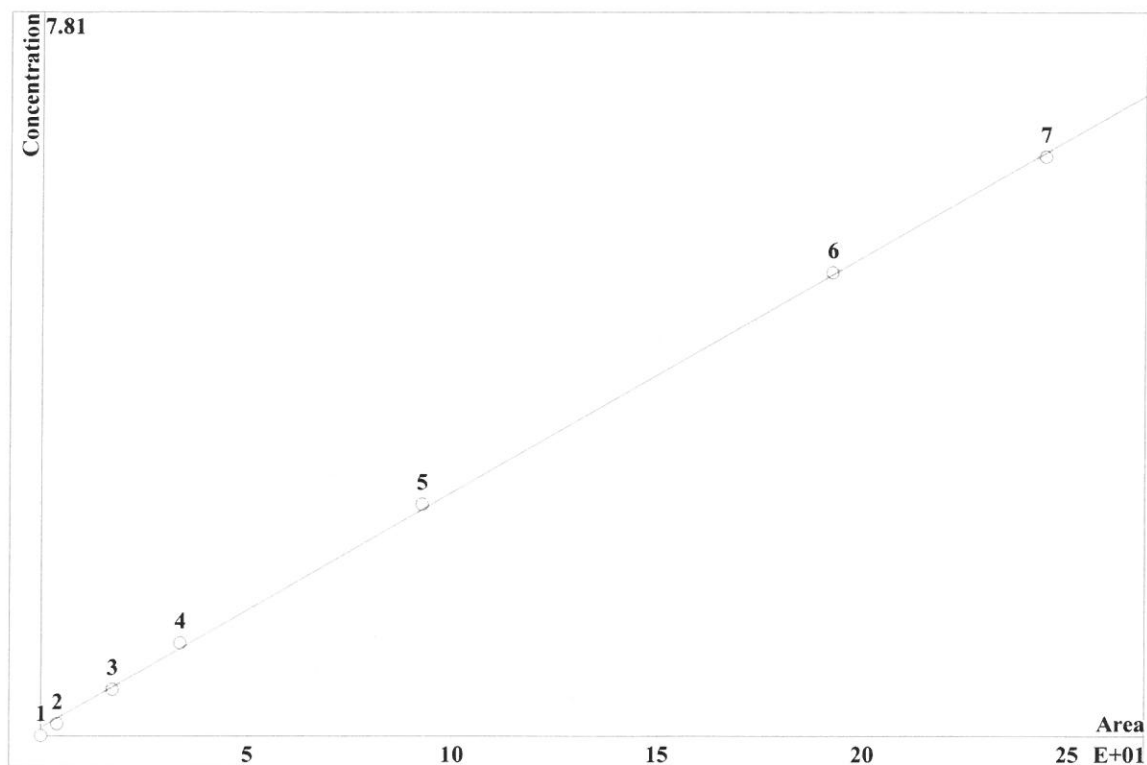
K3 = 0 K2 = 0 K1 = 2.98803 K0 = -4.99399

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	0.163	6.08	0.5	20	13.31			Yes
3	0.4147	15.59	2	20	12.61			Yes
4	0.701	27.17	4	20	12.61			Yes
5	1.621	68.54	10	20	12.61			Yes
6	2.859	133.7	20	20	12.61			Yes
7	3.451	170.6	25	20	12.61			Yes

CALIBRATION OF COMPONENT NO3

Method: ANIONS 06-12-17.mtw
 Equation: $Q = 0.507918 \cdot A + 1.79143$
 RSD: 2.315 %
 Correlation coefficient: 0.999781



K3 = 0 K2 = 0 K1 = 0.507918 K0 = 1.79143

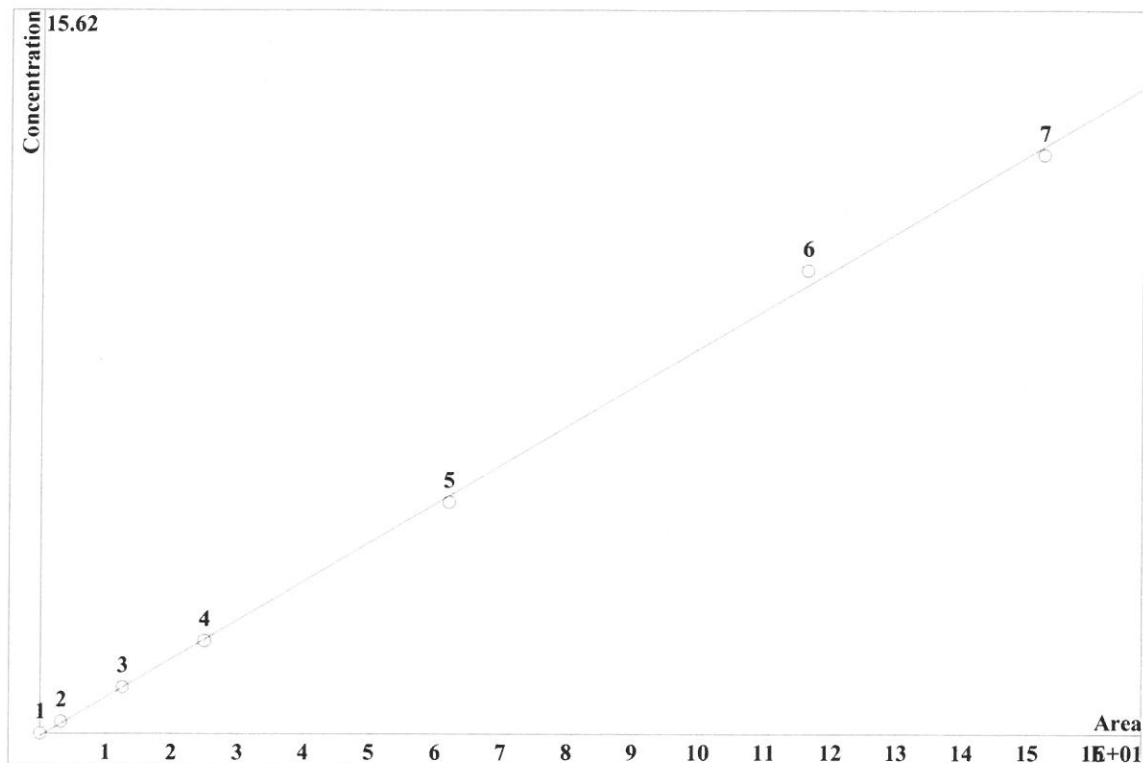
Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.1491	3.965	0.125	20	14.38			Yes
3	0.6394	17.27	0.5	20	14.11			Yes
4	1.246	33.56	1	20	14.11			Yes
5	3.469	92.65	2.5	20	14.11			Yes
6	7.122	192.5	5	20	14.11			Yes
7	9.177	244.3	6.25	20	14.11			Yes

±0.5

CALIBRATION OF COMPONENT HPO4

Method: ANIONS 06-12-17.mtw
 Equation: $Q = 1.67333 \cdot A - 1.10242$
 RSD: 3.912 %
 Correlation coefficient: 0.999375



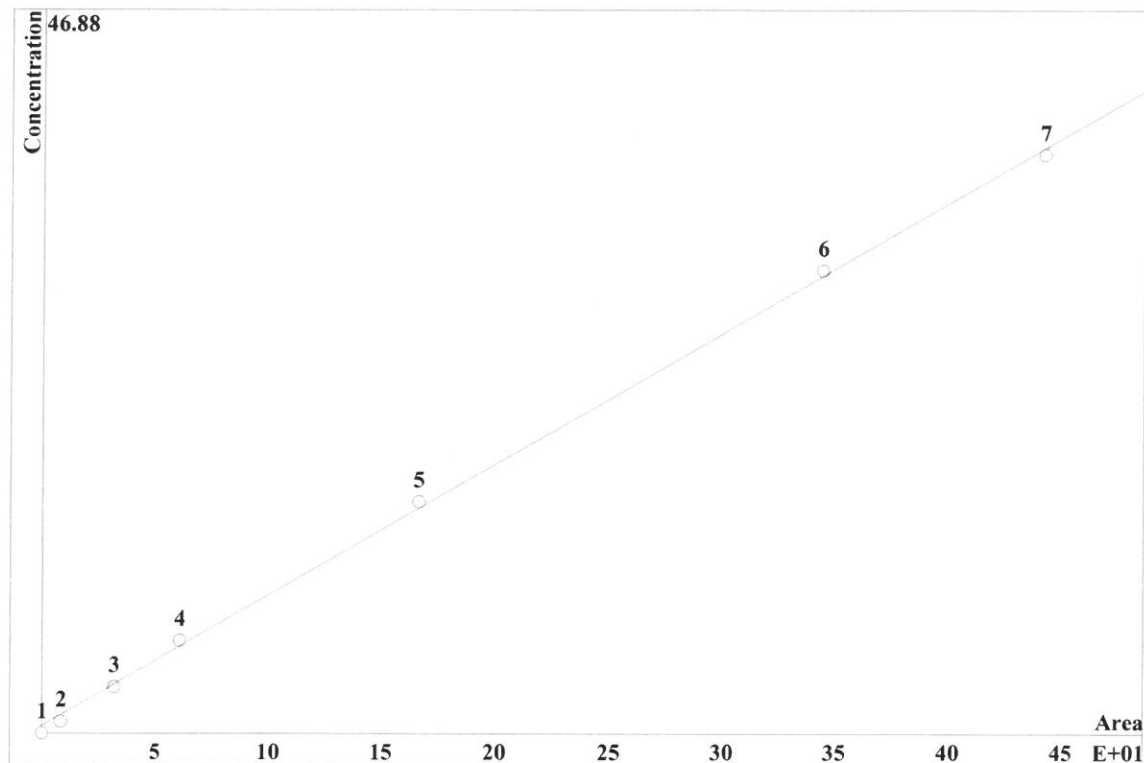
K3 = 0 K2 = 0 K1 = 1.67333 K0 = -1.10242

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	0.05102	3.183	0.25	20	20.62		Yes
3	0.2093	12.62	1	20	20.8		Yes
4	0.4198	24.99	2	20	20.8		Yes
5	1.095	62.11	5	20	20.8		Yes
6	2.121	116.3	10	20	20.8		Yes
7	2.831	152.3	12.5	20	20.8		Yes

CALIBRATION OF COMPONENT SO4

Method: ANIONS 06-12-17.mtw
 Equation: $Q = 1.69392 \cdot A + 9.88188$
 RSD: 2.996 %
 Correlation coefficient: 0.999634



K3 = 0 K2 = 0 K1 = 1.69392 K0 = 9.88188

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	0.1891	8.441	0.75	20	23.2	Yes	
3	0.7303	31.87	3	20	23.28	Yes	
4	1.401	60.87	6	20	23.28	Yes	
5	3.888	166.5	15	20	23.28	Yes	
6	8.136	344.3	30	20	23.28	Yes	
7	10.55	442.2	37.5	20	23.28	Yes	

Report date: 6/12/2017 4:50:16 PM
Printed by: wet

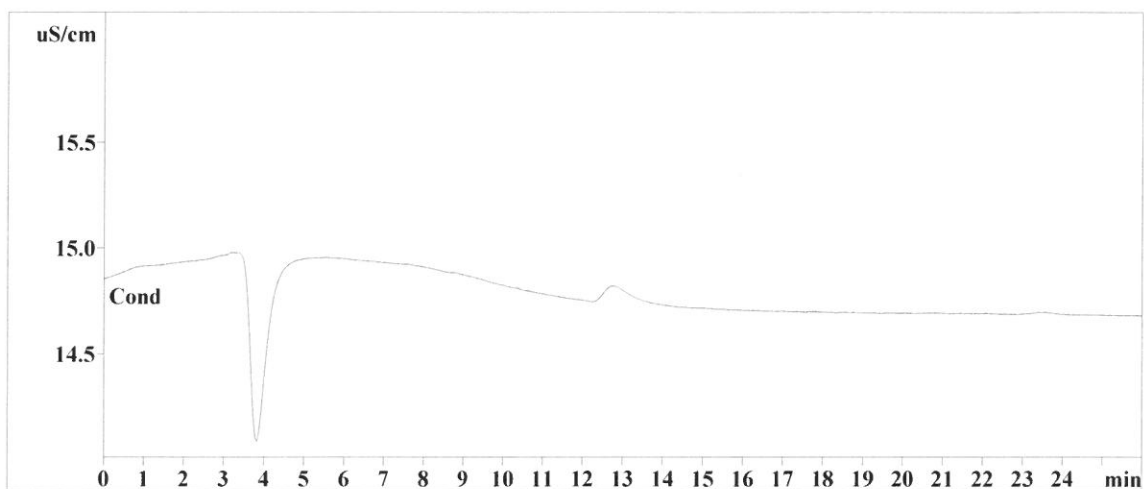
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File: _2017-06-12_

Last save: 6/12/2017 2:28:24 PM

Method: ANIONS 06-12-17.mtw
Run operator: wet
Analysis number: 57867

Last save: 6/12/2017 10:37:08 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: 6/12/2017 4:50:30 PM
Printed by: wet

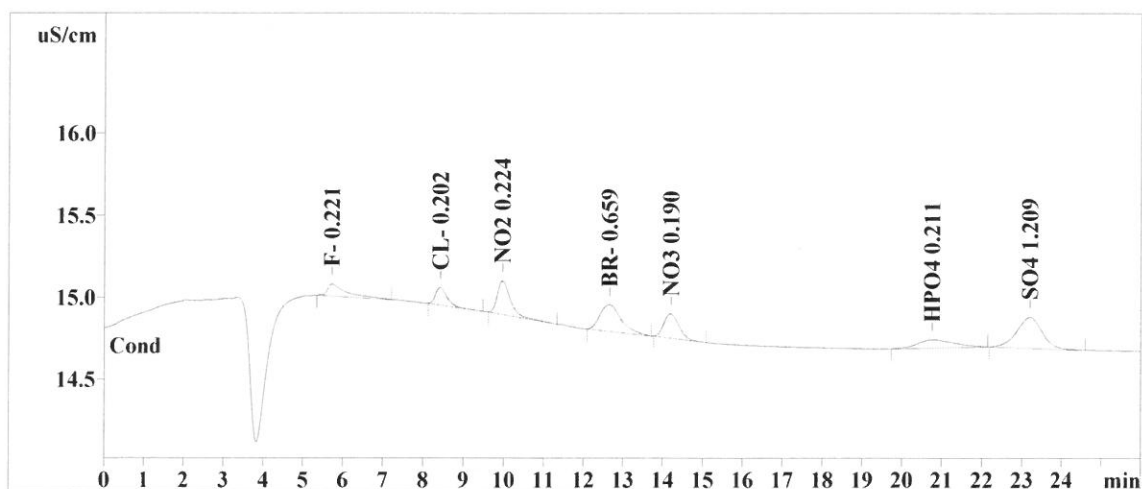
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Analysis from: 6/12/2017 11:32:08 AM
File: _2017-06-12_

Last save: 6/12/2017 2:28:24 PM

Method: ANIONS 06-12-17.mtw
Run operator: wet
Analysis number: 57868

Last save: 6/12/2017 10:37:08 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	5.73	0.402	0.07	7.80	2.432	7.85	0.
2	8.42	0.297	0.11	11.34	2.154	6.95	0.
3	9.97	0.326	0.21	21.87	4.726	15.25	0.
4	12.65	0.560	0.16	17.28	6.080	19.63	0.
5	14.19	0.411	0.15	15.80	3.965	12.80	0.
6	20.76	0.995	0.05	5.37	3.183	10.27	0.
7	23.20	0.676	0.19	20.09	8.441	27.25	0.
7	26.00	0.524	0.93	99.56	30.981	100.00	0.

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Report date: 6/12/2017 4:50:37 PM
Printed by: wet

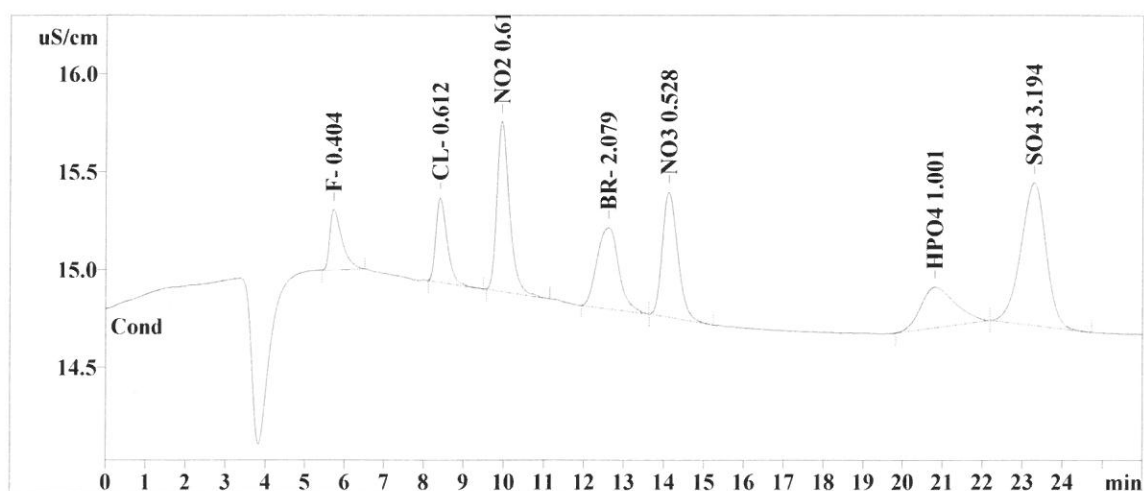
Ident: STD3
Analysis from: 6/12/2017 12:01:04 PM
File: _2017-06-12_

Last save: 6/12/2017 2:28:24 PM

Method: ANIONS 06-12-17.mtw
Run operator: wet
Analysis number: 57869

Last save: 6/12/2017 10:37:08 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	5.72	0.318	0.31	8.56	6.637	5.96	0.
2	8.41	0.295	0.43	11.96	8.493	7.62	0.
3	9.95	0.321	0.87	24.12	18.944	17.00	0.
4	12.61	0.582	0.41	11.49	15.586	13.99	0.
5	14.11	0.413	0.64	17.73	17.265	15.50	0.
6	20.80	0.942	0.21	5.79	12.622	11.33	0.
7	23.28	0.665	0.73	20.25	31.872	28.61	0.
7	26.00	0.505	3.60	99.90	111.418	100.00	0.

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Report date: 6/12/2017 4:50:45 PM
Printed by: wet

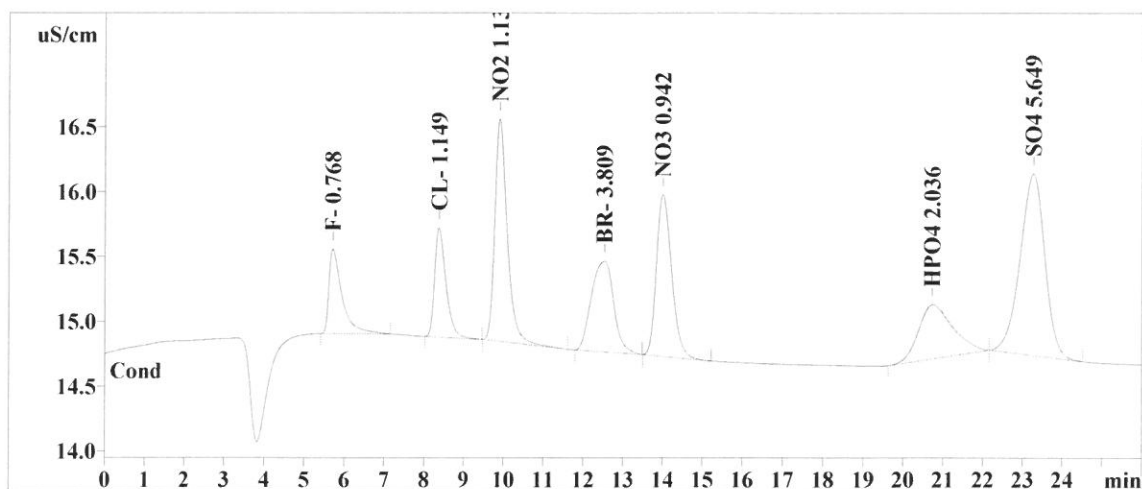
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File: _2017-06-12_

Last save: 6/12/2017 2:28:26 PM

Method: ANIONS 06-12-17.mtw
Run operator: wet
Analysis number: 57870

Last save: 6/12/2017 10:37:08 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	5.71	0.317	0.65	9.34	14.989	6.94	0.
2	8.38	0.297	0.84	12.05	16.809	7.78	0.
3	9.90	0.319	1.71	24.58	37.595	17.41	0.
4	12.53	0.615	0.70	10.04	27.169	12.58	0.
5	13.99	0.412	1.25	17.87	33.565	15.54	0.
6	20.72	0.914	0.42	6.01	24.991	11.57	0.
7	23.26	0.662	1.40	20.08	60.865	28.18	0.
7	26.00	0.505	6.97	99.96	215.982	100.00	0.

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Report date: 6/12/2017 4:50:50 PM
Printed by: wet

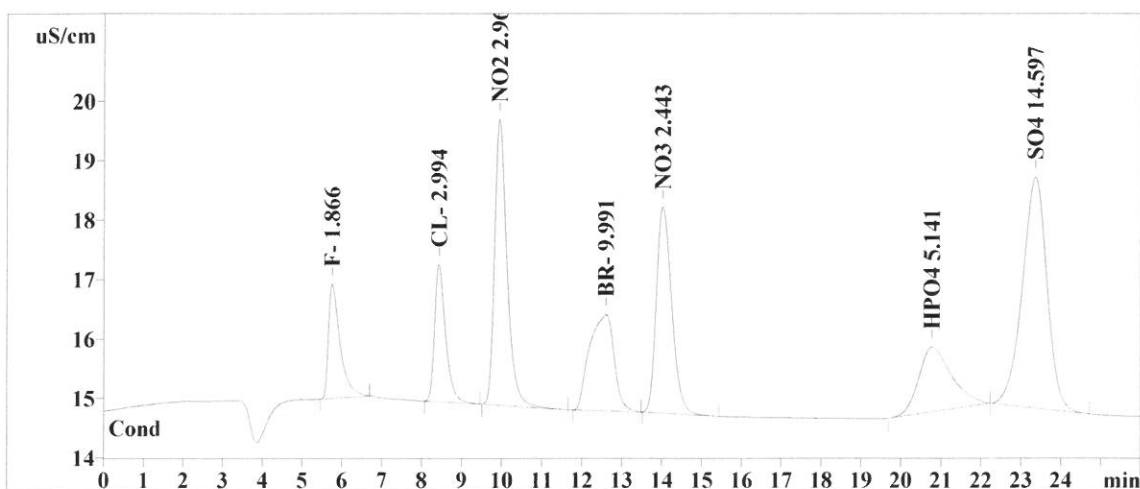
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Analysis from: 6/12/2017 12:58:55 PM
File: _2017-06-12_

Last save: 6/12/2017 2:28:26 PM

Method: ANIONS 06-12-17.mtw
Run operator: wet
Analysis number: 57871

Last save: 6/12/2017 10:37:08 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	5.75	0.304	1.92	10.05	40.169	6.94	0.
2	8.43	0.292	2.31	12.08	45.346	7.84	0.
3	9.94	0.316	4.81	25.15	103.381	17.86	0.
4	12.61	0.711	1.62	8.48	68.545	11.84	0.
5	14.02	0.408	3.47	18.16	92.652	16.01	0.
6	20.77	0.855	1.09	5.73	62.106	10.73	0.
7	23.35	0.651	3.89	20.35	166.507	28.77	0.
7	26.00	0.505	19.11	99.99	578.706	100.00	0.

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Report date: 6/12/2017 4:50:56 PM
Printed by: wet

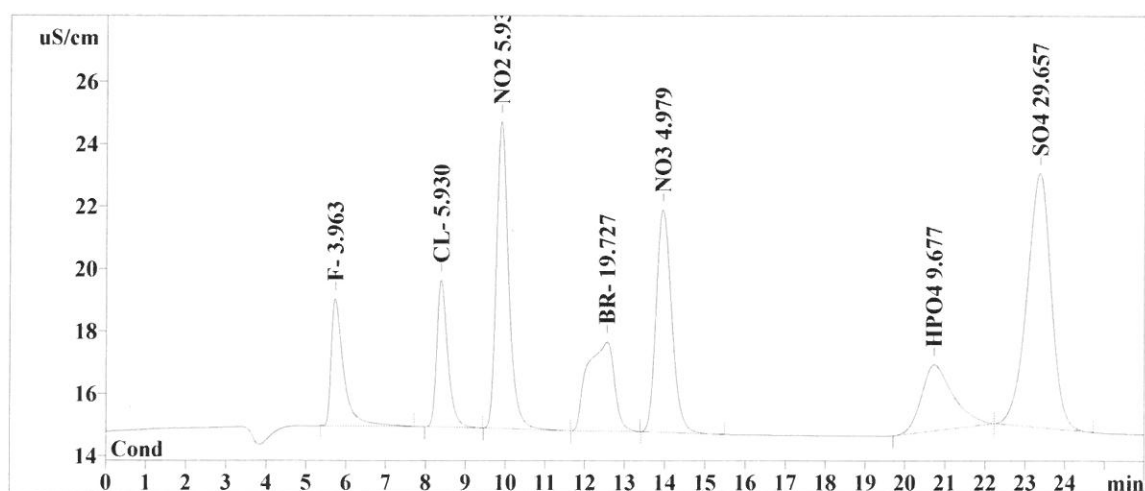
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File: _2017-06-12_

Last save: 6/12/2017 2:28:26 PM

Method: ANIONS 06-12-17.mtw
Run operator: wet
Analysis number: 57872

Last save: 6/12/2017 10:37:08 AM

SAMPLE:
: AP/AK
Vial number: 7
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	5.73	0.299	4.06	10.46	88.247	7.50	0.
2	8.38	0.286	4.70	12.10	90.759	7.72	0.
3	9.89	0.314	9.82	25.31	210.007	17.86	0.
4	12.55	0.824	2.86	7.36	133.711	11.37	0.
5	13.94	0.413	7.12	18.35	192.511	16.37	0.
6	20.72	0.815	2.12	5.46	116.322	9.89	0.
7	23.35	0.641	8.14	20.96	344.329	29.28	0.
7	26.00	0.513	38.82	99.99	1175.886	100.00	0.

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Report date: 6/12/2017 4:51:02 PM
Printed by: wet

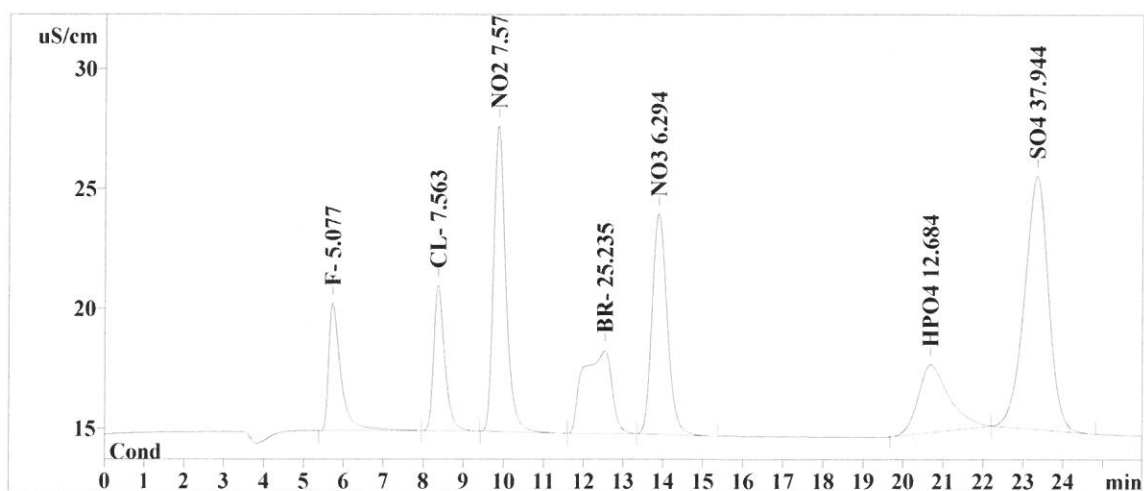
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Analysis from: 6/12/2017 1:56:46 PM
File: _2017-06-12_

Last save: 6/12/2017 2:28:28 PM

Method: ANIONS 06-12-17.mtw
Run operator: wet
Analysis number: 57873

Last save: 6/12/2017 10:37:08 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	5.73	0.297	5.30	10.59	113.806	7.55	0.
2	8.36	0.284	6.05	12.07	116.013	7.69	0.
3	9.86	0.311	12.74	25.43	269.078	17.84	0.
4	12.53	0.885	3.45	6.89	170.580	11.31	0.
5	13.88	0.407	9.18	18.32	244.293	16.20	0.
6	20.68	0.790	2.83	5.65	152.260	10.10	0.
7	23.34	0.635	10.55	21.05	442.171	29.32	0.
7	26.00	0.516	50.10	100.00	1508.202	100.00	0.

This report has been created by IC Net
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Report date: 6/12/2017 4:51:17 PM
Printed by: wet

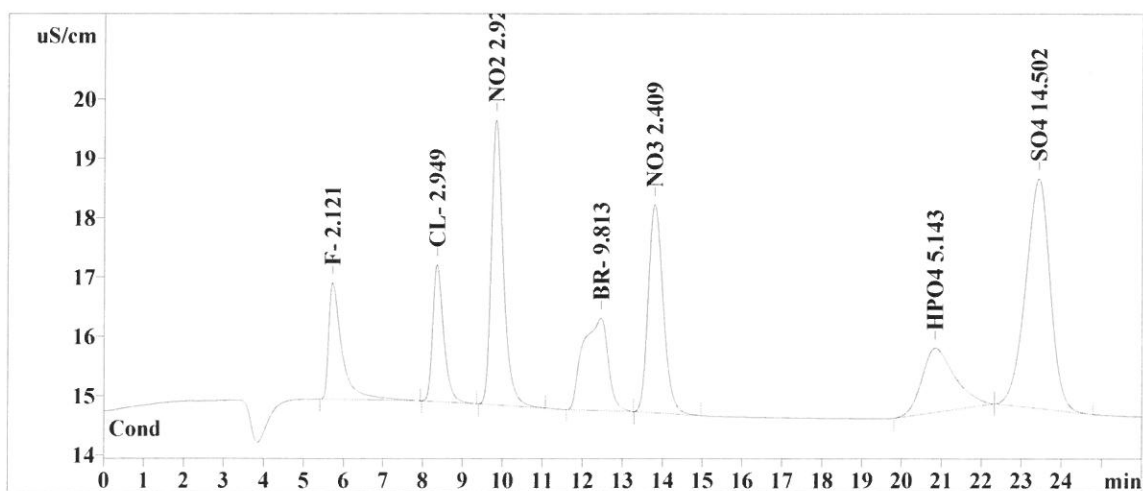
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File: _2017-06-12_

Last save: 6/12/2017 4:34:28 PM

Method: ANIONS 06-12-17.mtw
Run operator: wet
Analysis number: 57877

Last save: 6/12/2017 2:28:18 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	5.72	0.312	1.96	10.26	46.002	7.95	0.
2	8.35	0.288	2.30	12.07	44.648	7.72	0.
3	9.83	0.312	4.80	25.17	101.767	17.59	0.
4	12.46	0.751	1.56	8.17	67.356	11.64	0.
5	13.79	0.400	3.50	18.36	91.342	15.79	0.
6	20.83	0.865	1.08	5.67	62.130	10.74	0.
7	23.42	0.651	3.87	20.28	165.391	28.58	0.
7	26.00	0.511	19.08	99.98	578.636	100.00	0.

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Report date: 6/12/2017 4:58:33 PM
Printed by: wet

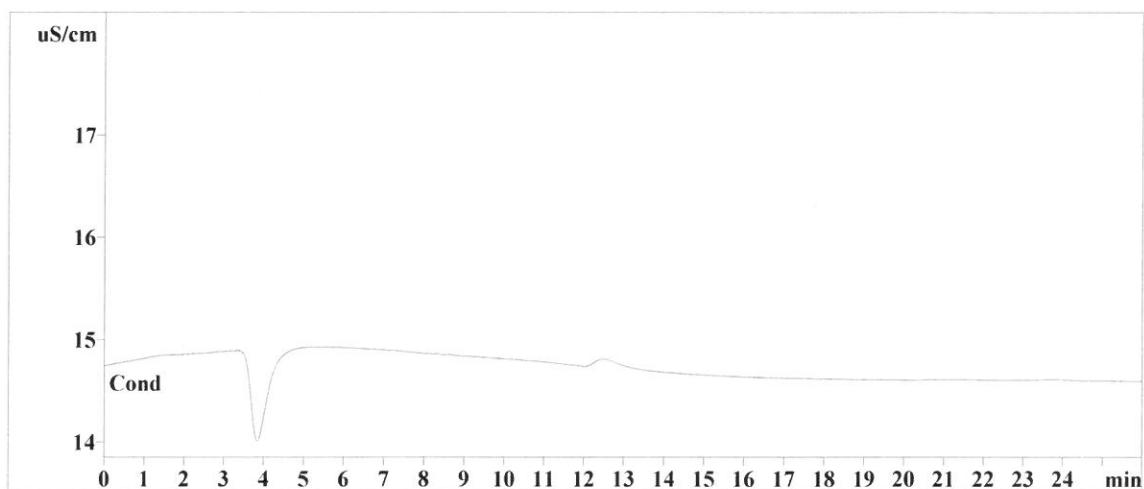
Ident: ICB
Analysis from: 6/12/2017 4:31:20 PM
File: _2017-06-12_

Last save: 6/12/2017 4:58:30 PM

Method: ANIONS 06-12-17.mtw
Run operator: wet
Analysis number: 57878

Last save: 6/12/2017 2:28:18 PM

SAMPLE:
: AK/AP
Vial number: 11
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: 7/12/2017 5:07:07 PM
Printed by: wet

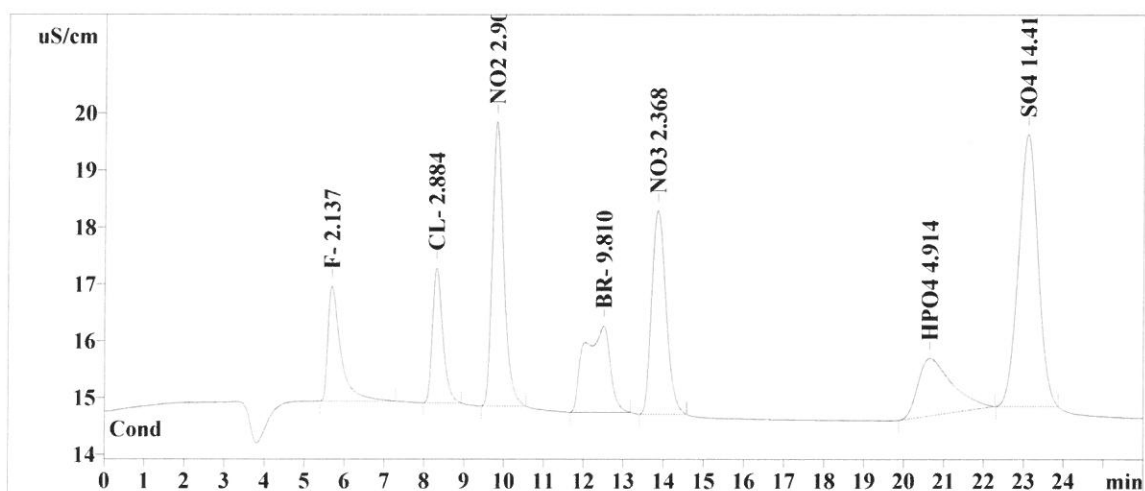
Ident: CCV
Analysis from: 7/7/2017 8:50:48 PM
File: _2017-07-07_

Last save: 7/12/2017 5:07:00 PM

Method: ANIONS 06-12-17.mtw
Run operator: wet
Analysis number: 58306

Last save: 6/14/2017 10:48:22 AM

SAMPLE:
: AP/AK
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	5.68	0.310	2.02	9.96	45.706	8.05	0.
2	8.30	0.277	2.38	11.71	43.427	7.65	0.
3	9.81	0.301	5.00	24.64	100.452	17.69	0.
4	12.50	0.799	1.52	7.47	66.941	11.79	0.
5	13.84	0.387	3.58	17.66	89.003	15.67	0.
6	20.64	0.885	1.02	5.01	59.517	10.48	0.
7	23.09	0.526	4.78	23.55	162.930	28.69	0.
7	26.00	0.498	20.29	99.99	567.975	100.00	0.

This report has been created by IC Net
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Report date: 7/12/2017 5:07:17 PM
Printed by: wet

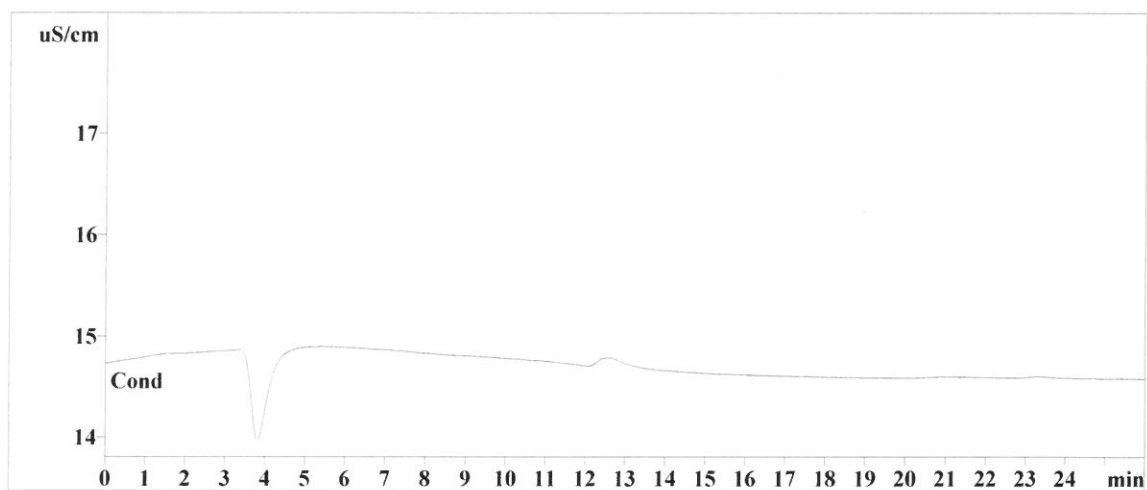
Ident: CCB
Analysis from: 7/7/2017 9:19:43 PM
File: _2017-07-07_

Last save: 7/12/2017 5:07:00 PM

Method: ANIONS 06-12-17.mtw
Run operator: wet
Analysis number: 58307

Last save: 6/14/2017 10:48:22 AM

SAMPLE:
: AP/AK
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: 7/12/2017 4:59:17 PM
Printed by: wet

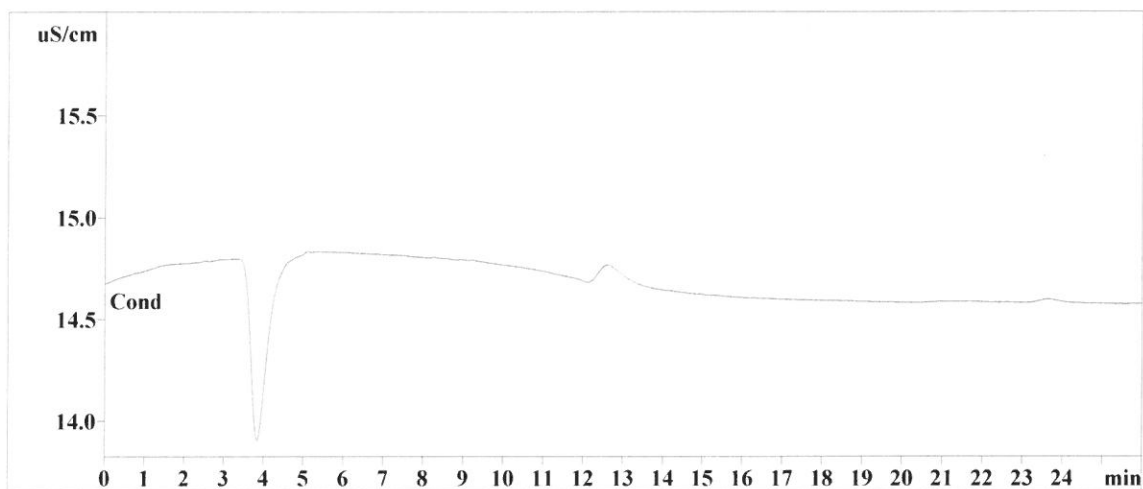
Ident: LB88669BLW
Analysis from: 7/7/2017 9:48:38 PM
File: _2017-07-07_

Last save: 7/12/2017 4:58:40 PM

Method: ANIONS 06-12-17.mtw
Run operator: wet
Analysis number: 58308

Last save: 6/14/2017 10:48:22 AM

SAMPLE:
: AP/AK
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: 7/12/2017 4:59:23 PM
Printed by: wet

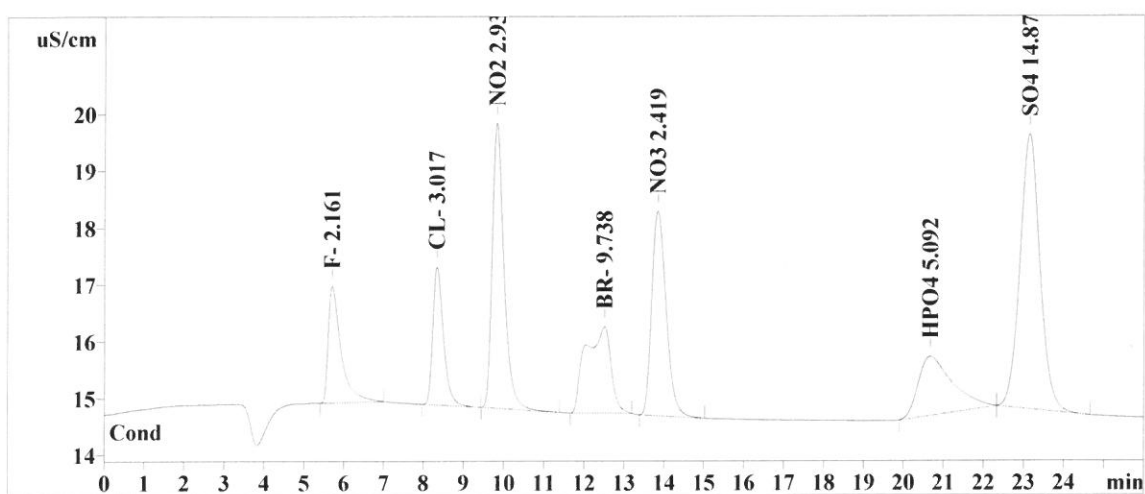
Ident: LB88669BSW
Analysis from: 7/7/2017 10:17:34 PM
File: _2017-07-07_

Last save: 7/12/2017 4:58:42 PM

Method: ANIONS 06-12-17.mtw
Run operator: wet
Analysis number: 58309

Last save: 6/14/2017 10:48:22 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	5.70	0.312	2.06	10.01	46.277	7.97	0.
2	8.33	0.278	2.44	11.87	45.481	7.83	0.
3	9.83	0.298	5.02	24.44	101.648	17.50	0.
4	12.50	0.793	1.53	7.45	66.452	11.44	0.
5	13.83	0.389	3.61	17.57	91.045	15.67	0.
6	20.66	0.888	1.04	5.08	61.637	10.61	0.
7	23.15	0.529	4.84	23.56	168.415	28.99	0.
7	26.00	0.498	20.52	99.98	580.955	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/12/2017 4:59:29 PM
Printed by: wet

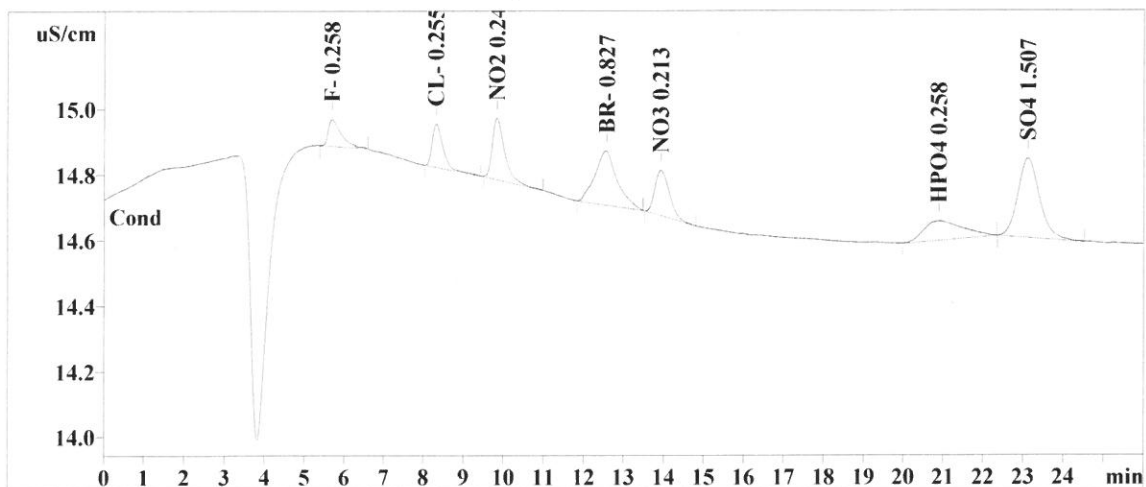
Ident: I4047-01
Analysis from: 7/7/2017 10:46:29 PM
File: _2017-07-07_

Last save: 7/12/2017 4:58:42 PM

Method: ANIONS 06-12-17.mtw
Run operator: wet
Analysis number: 58310

Last save: 6/14/2017 10:48:22 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	5.69	0.337	0.08	8.04	1.923	6.07	0.
2	8.32	0.281	0.13	13.12	2.553	8.05	0.
3	9.84	0.316	0.19	18.54	4.103	12.94	0.
4	12.56	0.560	0.17	16.31	6.433	20.29	0.
5	13.93	0.397	0.14	13.69	3.523	11.11	0.
6	20.89	1.094	0.06	5.81	3.999	12.61	0.
7	23.12	0.565	0.24	23.99	9.174	28.93	0.
7	26.00	0.507	1.01	99.48	31.707	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/12/2017 4:59:36 PM
Printed by: wet

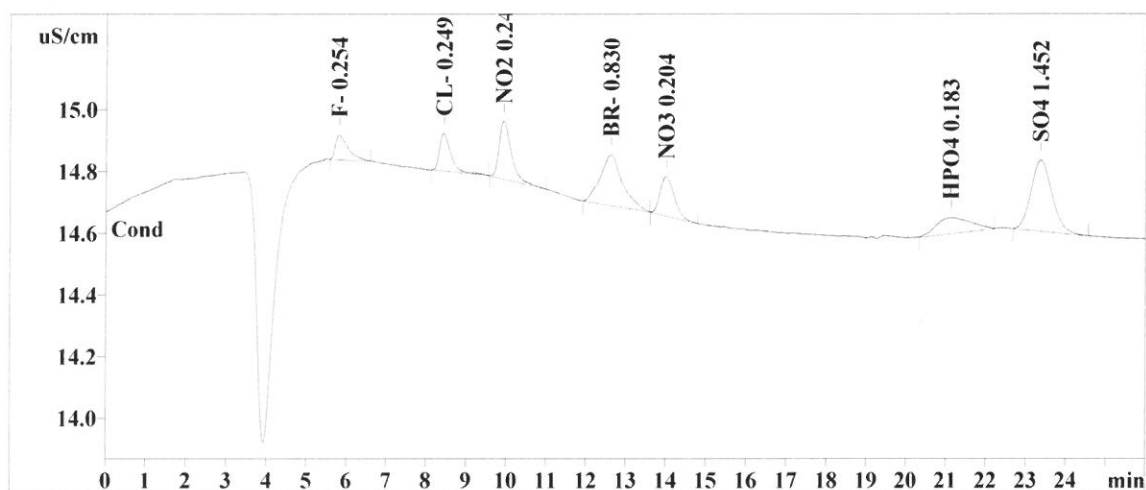
Ident: I4047-02
Analysis from: 7/7/2017 11:15:25 PM
File: _2017-07-07_

Last save: 7/11/2017 12:49:50 PM

Method: ANIONS 06-12-17.mtw
Run operator: wet
Analysis number: 58311

Last save: 6/14/2017 10:48:22 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	0.332	0.08	8.32	1.831	6.20	0.
2	8.43	0.288	0.12	12.60	2.460	8.33	0.
3	9.94	0.306	0.19	19.33	4.001	13.54	0.
4	12.62	0.554	0.17	17.07	6.451	21.83	0.
5	14.01	0.388	0.13	13.11	3.183	10.77	0.
6	21.12	0.984	0.05	5.31	3.096	10.48	0.
7	23.37	0.561	0.23	23.86	8.522	28.84	0.
7	26.00	0.488	0.97	99.59	29.543	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/12/2017 4:59:42 PM
Printed by: wet

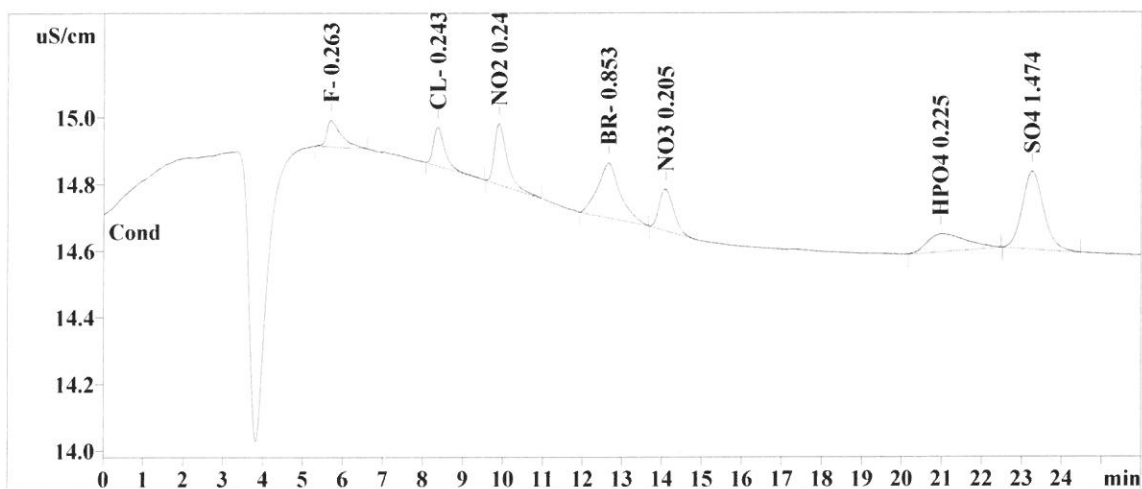
Ident: I4047-03
Analysis from: 7/7/2017 11:44:20 PM
File: _2017-07-07_

Last save: 7/11/2017 12:49:50 PM

Method: ANIONS 06-12-17.mtw
Run operator: wet
Analysis number: 58312

Last save: 6/14/2017 10:48:22 AM

SAMPLE:
: AP/AK
Vial number: 8
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	5.70	0.359	0.08	8.22	2.035	6.64	0.
2	8.37	0.293	0.12	12.04	2.361	7.70	0.
3	9.90	0.318	0.18	19.00	4.067	13.26	0.
4	12.66	0.578	0.16	17.15	6.607	21.54	0.
5	14.08	0.397	0.13	13.04	3.219	10.49	0.
6	20.96	1.054	0.05	5.62	3.606	11.76	0.
7	23.26	0.564	0.23	24.35	8.774	28.61	0.
7	26.00	0.509	0.96	99.41	30.669	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/12/2017 4:59:49 PM
Printed by: wet

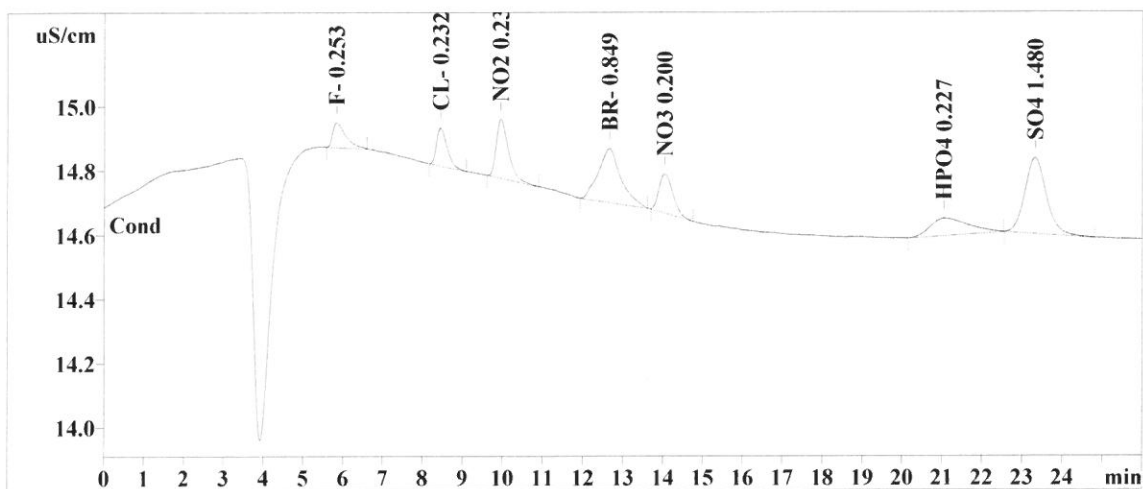
Ident: I4047-04
Analysis from: 7/8/2017 12:13:15 AM
File: _2017-07-08_

Last save: 7/11/2017 12:49:50 PM

Method: ANIONS 06-12-17.mtw
Run operator: wet
Analysis number: 58313

Last save: 6/14/2017 10:48:22 AM

SAMPLE:
: AP/AK
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	5.84	0.335	0.08	7.98	1.786	5.97	0.
2	8.45	0.283	0.12	12.25	2.191	7.32	0.
3	9.96	0.310	0.18	19.12	3.885	12.98	0.
4	12.65	0.559	0.17	17.41	6.582	22.00	0.
5	14.04	0.387	0.12	12.59	3.002	10.03	0.
6	21.04	1.050	0.05	5.68	3.626	12.12	0.
7	23.32	0.563	0.24	24.49	8.850	29.58	0.
7	26.00	0.498	0.96	99.50	29.923	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/12/2017 5:00:02 PM
Printed by: wet

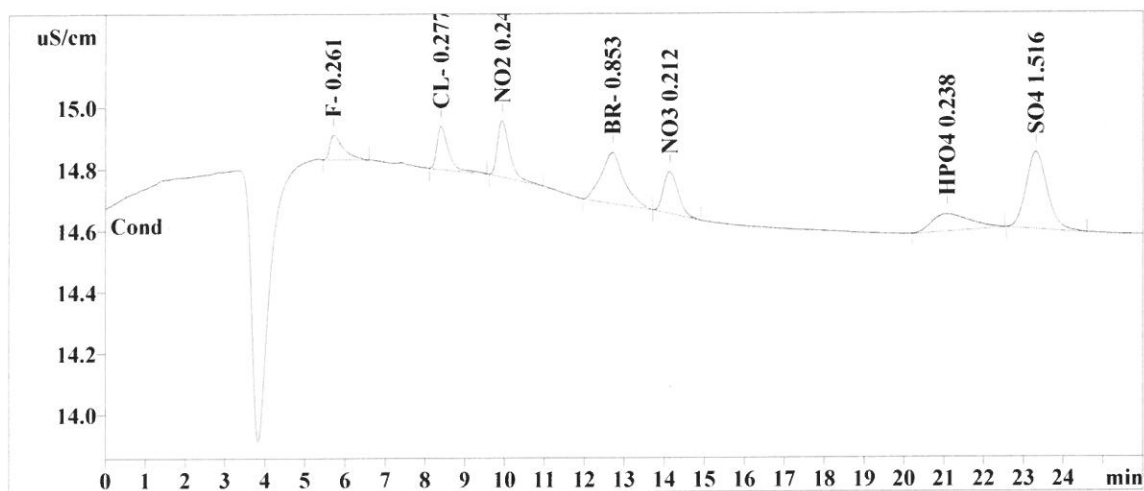
Ident: I4047-05
Analysis from: 7/8/2017 12:42:11 AM
File: _2017-07-08_

Last save: 7/11/2017 12:49:50 PM

Method: ANIONS 06-12-17.mtw
Run operator: wet
Analysis number: 58314

Last save: 6/14/2017 10:48:22 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	5.71	0.353	0.08	7.93	1.981	6.21	0.
2	8.41	0.293	0.14	13.77	2.886	9.04	0.
3	9.94	0.313	0.18	18.00	3.929	12.31	0.
4	12.71	0.578	0.17	16.32	6.608	20.70	0.
5	14.13	0.402	0.14	13.35	3.492	10.94	0.
6	21.06	1.061	0.06	5.51	3.756	11.76	0.
7	23.31	0.559	0.25	24.62	9.277	29.05	0.
7	26.00	0.508	1.01	99.50	31.930	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/12/2017 5:00:08 PM
Printed by: wet

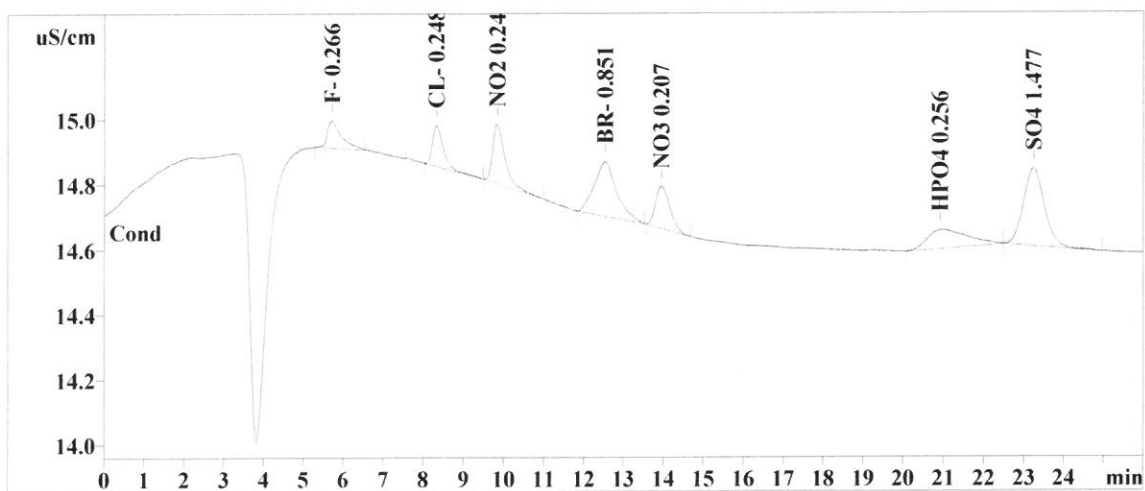
Ident: I4047-06
Analysis from: 7/8/2017 1:11:06 AM
File: _2017-07-08_

Last save: 7/11/2017 12:49:50 PM

Method: ANIONS 06-12-17.mtw
Run operator: wet
Analysis number: 58315

Last save: 6/14/2017 10:48:22 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	5.72	0.352	0.08	8.39	2.101	6.75	0.
2	8.33	0.287	0.12	12.62	2.444	7.85	0.
3	9.84	0.309	0.18	18.40	3.950	12.68	0.
4	12.53	0.563	0.17	17.03	6.594	21.17	0.
5	13.95	0.396	0.13	13.10	3.268	10.50	0.
6	20.91	1.096	0.06	5.84	3.967	12.74	0.
7	23.24	0.559	0.24	24.09	8.817	28.31	0.
7	26.00	0.509	0.98	99.47	31.142	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/12/2017 5:00:14 PM
Printed by: wet

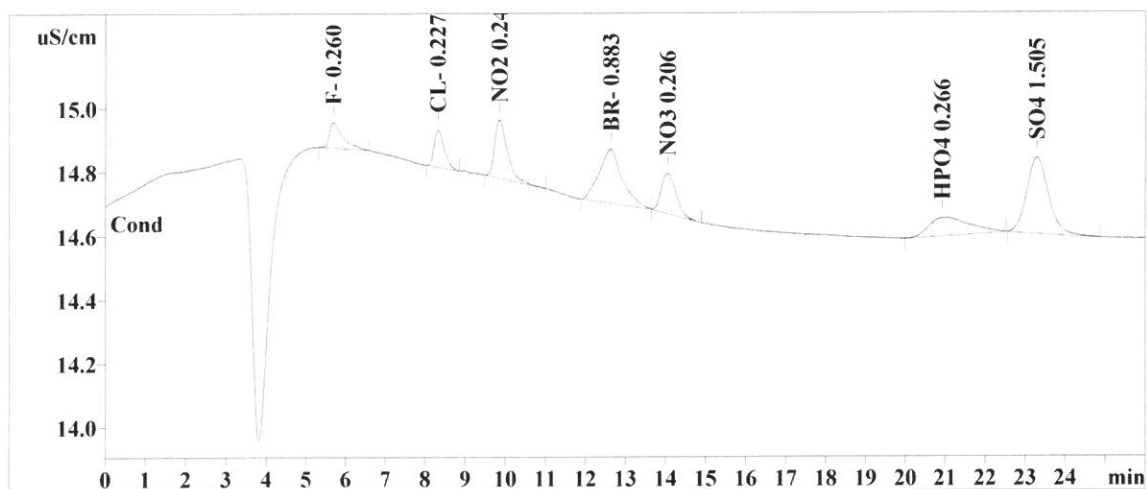
Ident: I4047-07
Analysis from: 7/8/2017 1:40:01 AM
File: _2017-07-08_

Last save: 7/11/2017 12:49:50 PM

Method: ANIONS 06-12-17.mtw
Run operator: wet
Analysis number: 58316

Last save: 6/14/2017 10:48:22 AM

SAMPLE:
: AP/AK
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	5.69	0.339	0.08	8.23	1.963	6.25	0.
2	8.32	0.279	0.12	11.95	2.120	6.75	0.
3	9.85	0.323	0.18	18.68	4.049	12.89	0.
4	12.63	0.578	0.17	17.38	6.807	21.68	0.
5	14.05	0.400	0.13	12.93	3.227	10.28	0.
6	20.92	1.128	0.06	5.91	4.086	13.01	0.
7	23.29	0.575	0.24	24.47	9.152	29.14	0.
7	26.00	0.517	0.97	99.54	31.404	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/12/2017 5:00:25 PM
Printed by: wet

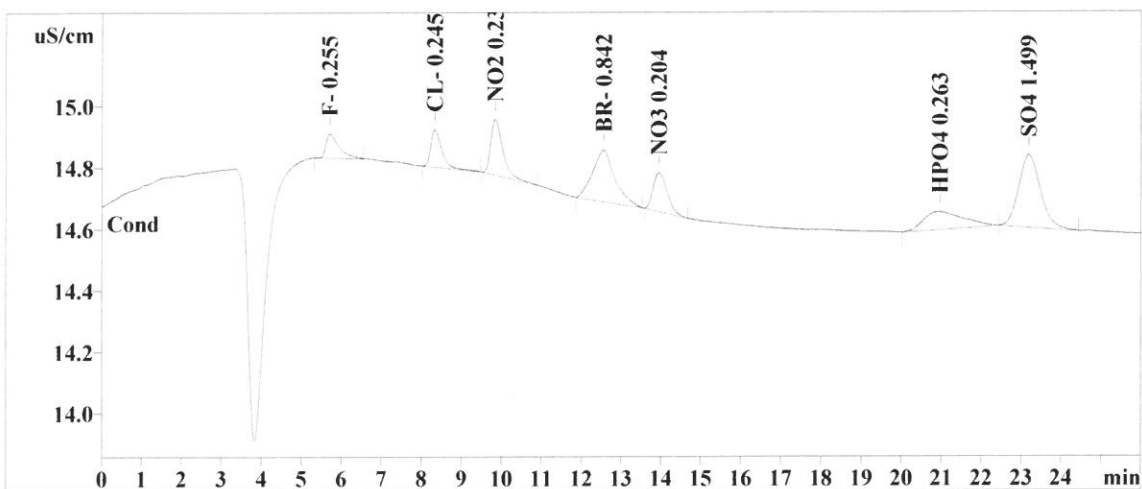
Ident: I4047-07
Analysis from: 7/8/2017 2:08:57 AM
File: _2017-07-08_

Last save: 7/11/2017 12:49:52 PM

Method: ANIONS 06-12-17.mtw
Run operator: wet
Analysis number: 58317

Last save: 6/14/2017 10:48:22 AM

SAMPLE:
: AP/AK
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	5.71	0.333	0.08	8.01	1.835	5.93	0.
2	8.33	0.286	0.12	12.45	2.400	7.75	0.
3	9.84	0.308	0.18	18.59	3.891	12.57	0.
4	12.56	0.564	0.17	17.21	6.535	21.11	0.
5	13.95	0.390	0.13	12.97	3.156	10.20	0.
6	20.95	1.108	0.06	6.03	4.060	13.12	0.
7	23.19	0.584	0.24	24.23	9.074	29.32	0.
7	26.00	0.511	0.97	99.50	30.949	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/12/2017 5:00:32 PM
Printed by: wet

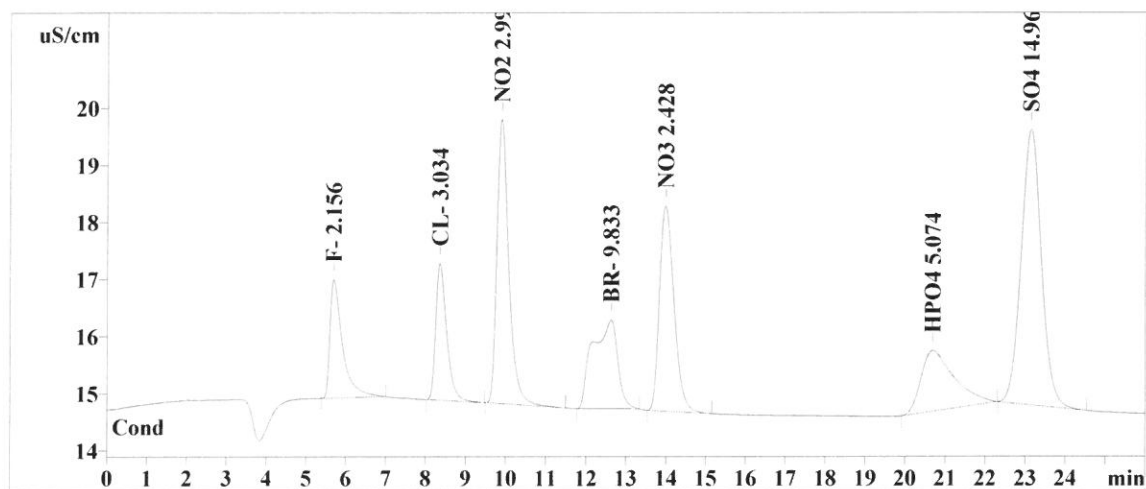
Ident: CCV
Analysis from: 7/8/2017 2:37:52 AM
File: _2017-07-08_

Last save: 7/11/2017 12:17:20 PM

Method: ANIONS 06-12-17.mtw
Run operator: wet
Analysis number: 58318

Last save: 6/14/2017 10:48:22 AM

SAMPLE:
: AP/AK
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	5.69	0.310	2.07	10.10	46.156	7.89	0.
2	8.35	0.284	2.40	11.70	45.754	7.82	0.
3	9.89	0.307	4.97	24.28	103.689	17.73	0.
4	12.62	0.791	1.56	7.60	67.092	11.47	0.
5	13.98	0.392	3.60	17.55	91.384	15.62	0.
6	20.67	0.863	1.07	5.21	61.429	10.50	0.
7	23.13	0.534	4.83	23.55	169.423	28.96	0.
7	26.00	0.497	20.49	99.99	584.927	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/12/2017 5:00:39 PM
Printed by: wet

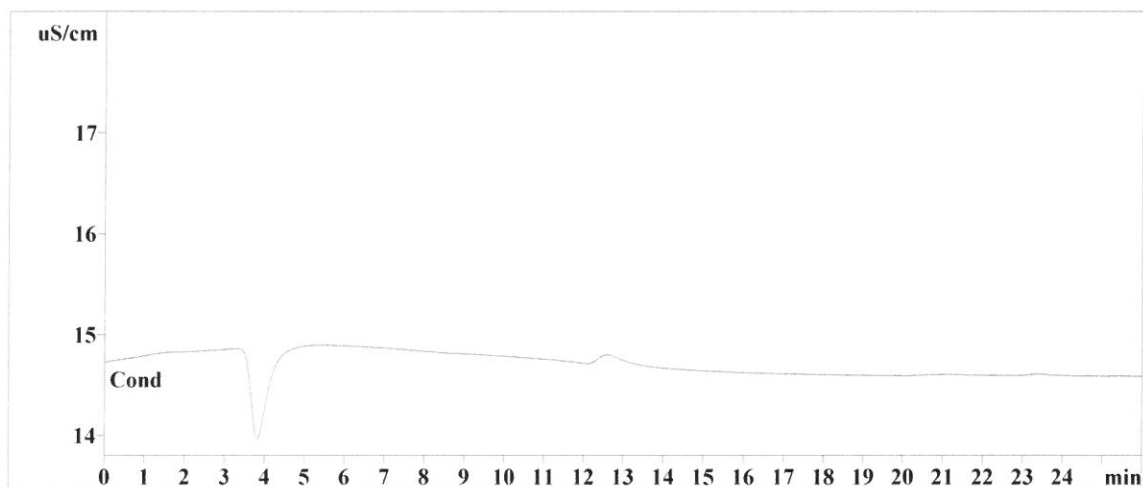
Ident: CCB
Analysis from: 7/8/2017 3:06:47 AM
File: _2017-07-08_

Last save: 7/10/2017 9:49:16 AM

Method: ANIONS 06-12-17.mtw
Run operator: wet
Analysis number: 58319

Last save: 6/14/2017 10:48:22 AM

SAMPLE:
: AP/AK
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