

m300.0
50-1
8/9/17 AK

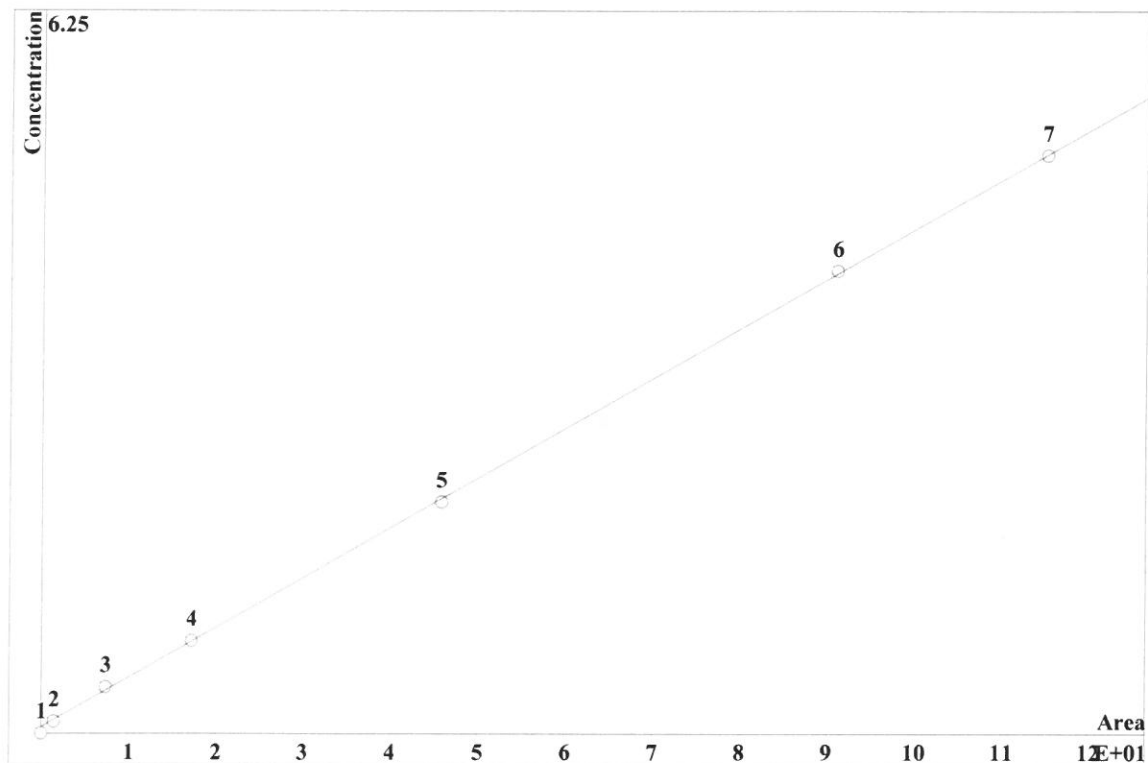
Clear table

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	2017-07-11_	7/11/17 10:41
STD2	0.1180	0.2030	0.2310	0.5890	0.1680	0.0270	1.1600	2017-07-11_	7/11/17 11:10
STD3	0.3720	0.6110	0.6240	2.0280	0.5170	0.9480	3.1350	2017-07-11_	7/11/17 11:39
STD4	0.7960	1.1730	1.1580	3.9610	0.9930	2.2080	5.8440	2017-07-11_	7/11/17 12:08
STD5	2.0290	2.9370	2.8980	9.8240	2.4170	5.1920	14.3810	2017-07-11_	7/11/17 12:37
STD6	3.9780	5.9980	5.9920	20.1380	4.9970	9.9380	29.9690	2017-07-11_	7/11/17 13:06
STD7	5.0080	7.5280	7.5480	24.9600	6.2820	12.4370	37.7610	2017-07-11_	7/11/17 13:35
ICV	2.0900	2.9830	3.0120	10.2660	2.5270	5.3330	14.7140	2017-07-11_	7/11/17 15:03
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-07-11_	7/11/17 15:32
CCV	1.9500	3.0020	2.9730	10.0540	2.4890	4.3300	14.0670	2017-08-08_	8/8/17 13:18
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-08-08_	8/8/17 13:47
LB89331BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-08-08_	8/8/17 14:16
LB89331BSW	2.0140	3.1080	3.0700	10.2570	2.4810	4.3760	14.2630	2017-08-08_	8/8/17 14:45
I4668-02	0.0000	1.4580	0.0000	1.5310	0.6050	0.0000	11.8250	2017-08-08_	8/8/17 15:14
I4668-03	0.0000	1.4500	0.0000	1.5600	0.2570	0.0000	11.7770	2017-08-08_	8/8/17 15:43
I4668-04	0.0000	1.3170	0.0000	1.5630	0.0000	0.0000	10.2600	2017-08-08_	8/8/17 16:12
I4668-07	0.0000	0.7270	0.0000	1.8830	0.2020	0.0000	9.0870	2017-08-08_	8/8/17 16:40
I4668-08	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-08-08_	8/8/17 17:09
I4668-04DUP	0.0000	1.3210	0.0000	1.5660	0.0000	0.0000	10.2340	2017-08-08_	8/8/17 17:38
I4668-05MS	2.1260	4.3170	3.0230	11.9570	2.6170	4.4050	24.7810	2017-08-08_	8/8/17 18:07
I4668-06MSD	2.0580	5.3390	2.9080	11.6430	2.5810	4.3040	24.5950	2017-08-08_	8/8/17 18:36
CCV	1.9610	3.0670	3.0130	10.2950	2.5460	4.1520	14.5270	2017-08-08_	8/8/17 19:05
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-08-08_	8/8/17 19:34
I4681-10	0.5800	303.4260	0.0000	2.2650	0.0000	0.2050	67.1880	2017-08-08_	8/8/17 20:03
I4681-11	0.7630	1063.7420	0.0000	3.2560	0.1350	0.0620	181.1860	2017-08-08_	8/8/17 20:32
CCV	1.8660	3.0310	3.0610	10.3670	2.5440	2.8560	14.3260	2017-08-08_	8/8/17 21:01
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-08-08_	8/8/17 21:30

IC-1
7-11-17

CALIBRATION OF COMPONENT F-

Method: ANIONS 07-11-17.mtw
Equation: $Q = 0.861053 \cdot A + 1.10647$
RSD: 1.232 %
Correlation coefficient: 0.999938

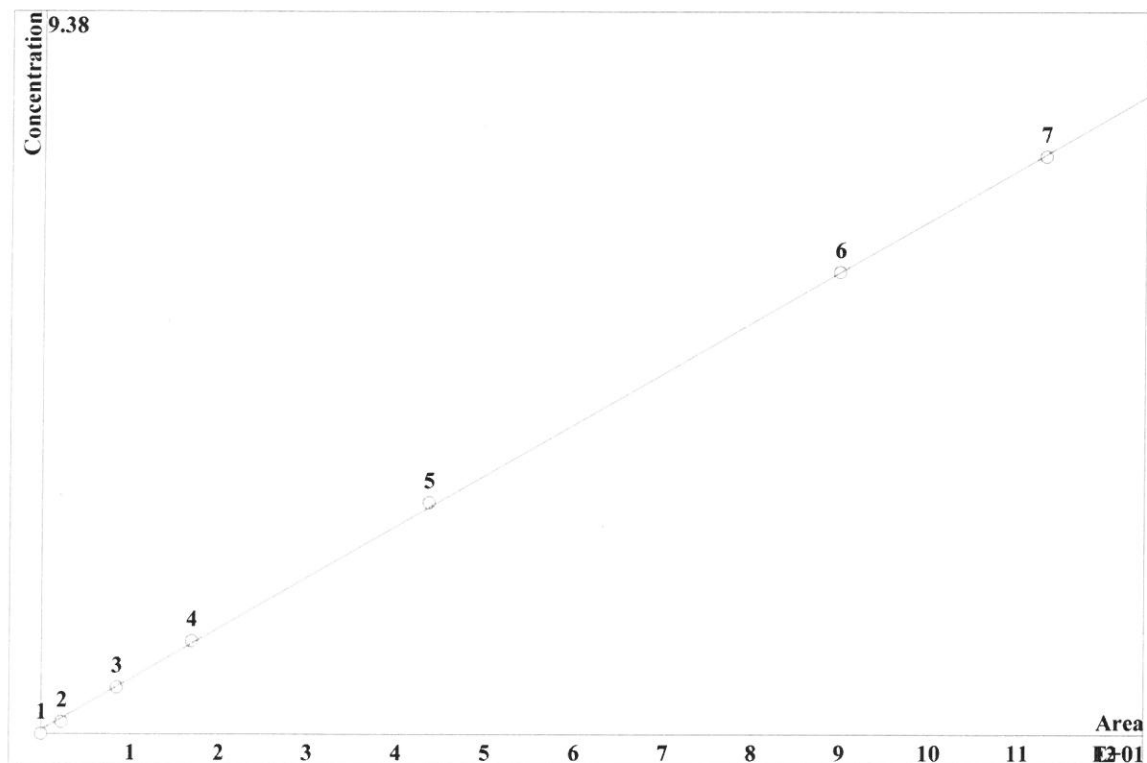


K3 = 0 K2 = 0 K1 = 0.861053 K0 = 1.10647
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.06832	1.446	0.1	20	5.72			Yes
3	0.3217	7.345	0.4	20	5.72			Yes
4	0.7336	17.2	0.8	20	5.72			Yes
5	1.996	45.84	2	20	5.72			Yes
6	4.193	91.1	4	20	5.72			Yes
7	5.265	115	5	20	5.72			Yes

CALIBRATION OF COMPONENT CL-

Method: ANIONS 07-11-17.mtw
 Equation: $Q = 1.32378 \cdot A + 1.02533$
 RSD: 1.499 %
 Correlation coefficient: 0.999908

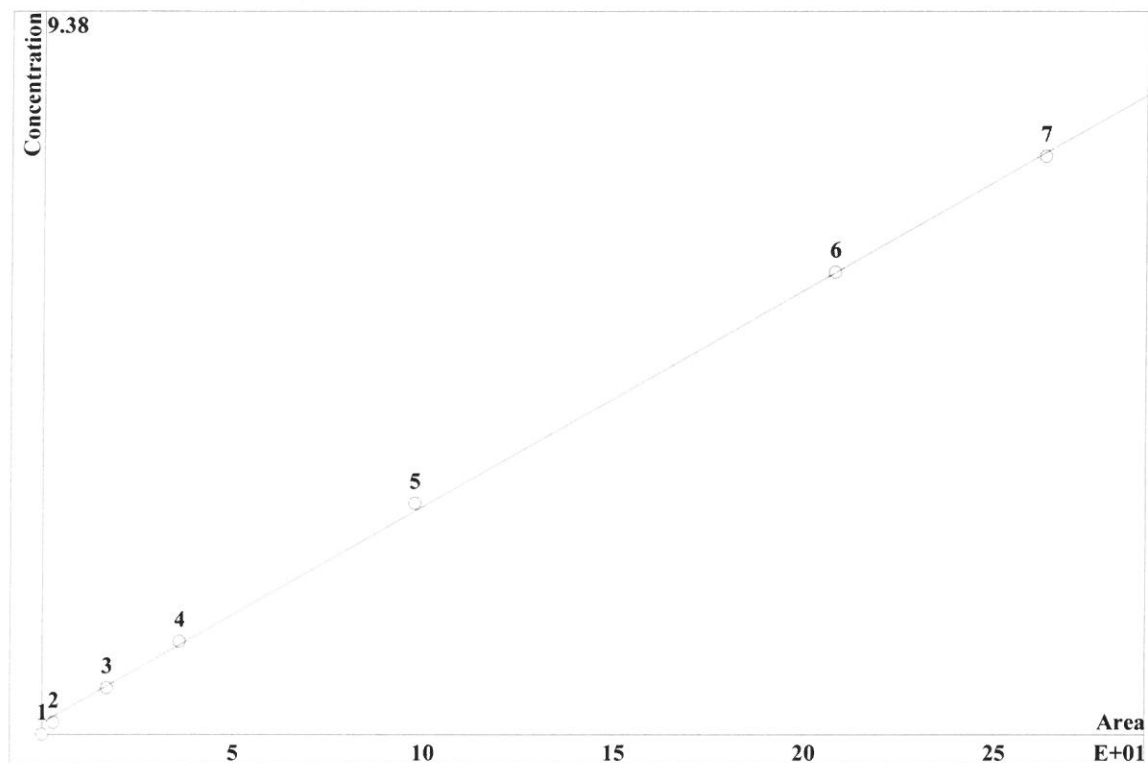


K3 = 0 K2 = 0 K1 = 1.32378 K0 = 1.02533
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0	No	
2	0.1087	2.297	0.15	20	8.411	Yes	
3	0.4389	8.457	0.6	20	8.411	Yes	
4	0.8963	16.94	1.2	20	8.411	Yes	
5	2.313	43.6	3	20	8.411	Yes	
6	4.834	89.84	6	20	8.411	Yes	
7	6.056	113	7.5	20	8.411	Yes	

CALIBRATION OF COMPONENT NO2

Method: ANIONS 07-11-17.mtw
 Equation: $Q = 0.562432 \cdot A + 2.94942$
 RSD: 2.396 %
 Correlation coefficient: 0.999766

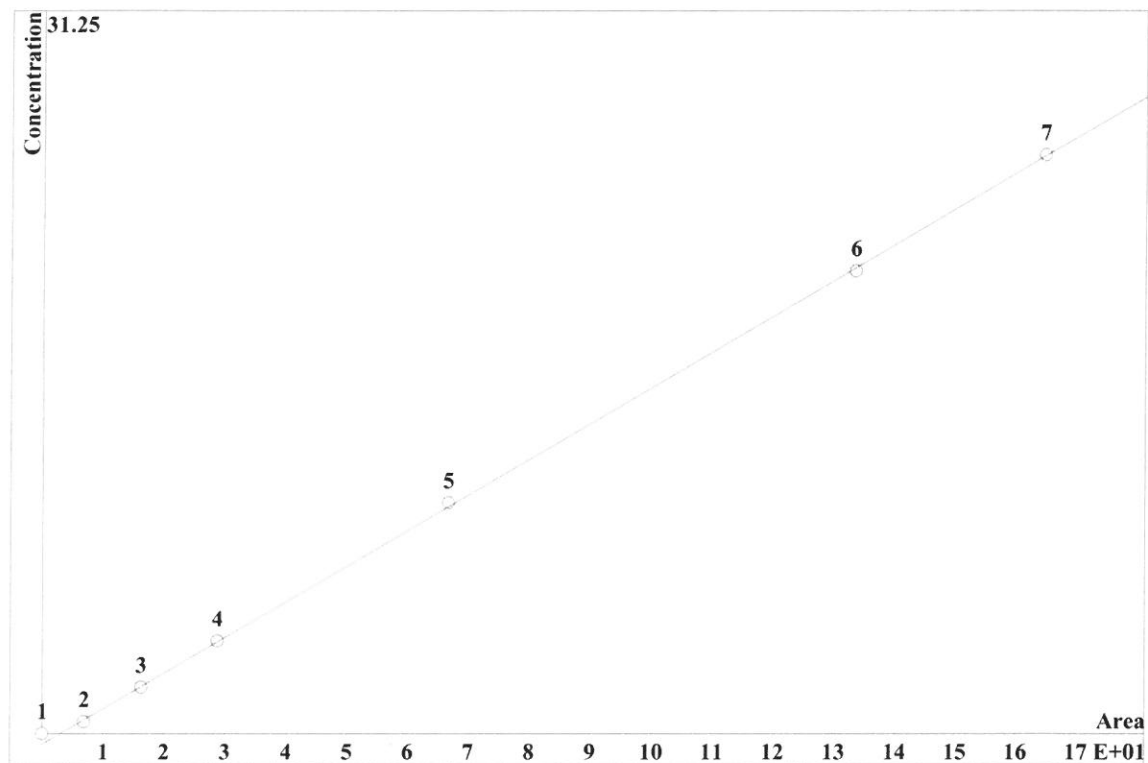


K3 = 0 K2 = 0 K1 = 0.562432 K0 = 2.94942
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.1363	2.964	0.15	20	9.95	Yes	
3	0.7893	16.95	0.6	20	9.95	Yes	
4	1.72	35.93	1.2	20	9.95	Yes	
5	4.769	97.8	3	20	9.95	Yes	
6	10.21	207.8	6	20	9.95	Yes	
7	12.73	263.2	7.5	20	9.95	Yes	

CALIBRATION OF COMPONENT BR-

Method: ANIONS 07-11-17.mtw
 Equation: $Q = 3.08748 \cdot A - 9.48858$
 RSD: 1.211 %
 Correlation coefficient: 0.999940

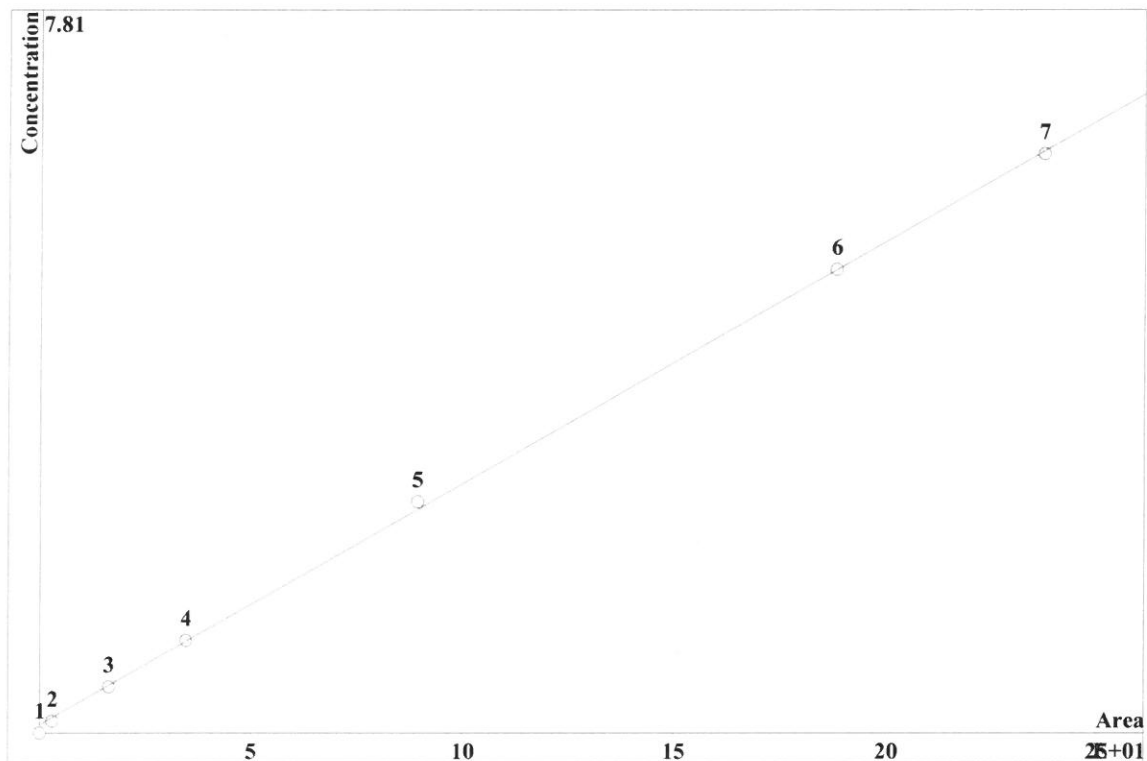


K3 = 0 K2 = 0 K1 = 3.08748 K0 = -9.48858
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0	No	
2	0.1874	6.887	0.5	20	12.61	Yes	
3	0.4669	16.21	2	20	12.61	Yes	
4	0.8161	28.73	4	20	12.61	Yes	
5	1.778	66.71	10	20	12.61	Yes	
6	3.237	133.5	20	20	12.61	Yes	
7	3.857	164.8	25	20	12.61	Yes	

CALIBRATION OF COMPONENT NO3

Method: ANIONS 07-11-17.mtw
 Equation: $Q = 0.521641 \cdot A + 1.78354$
 RSD: 1.957 %
 Correlation coefficient: 0.999844



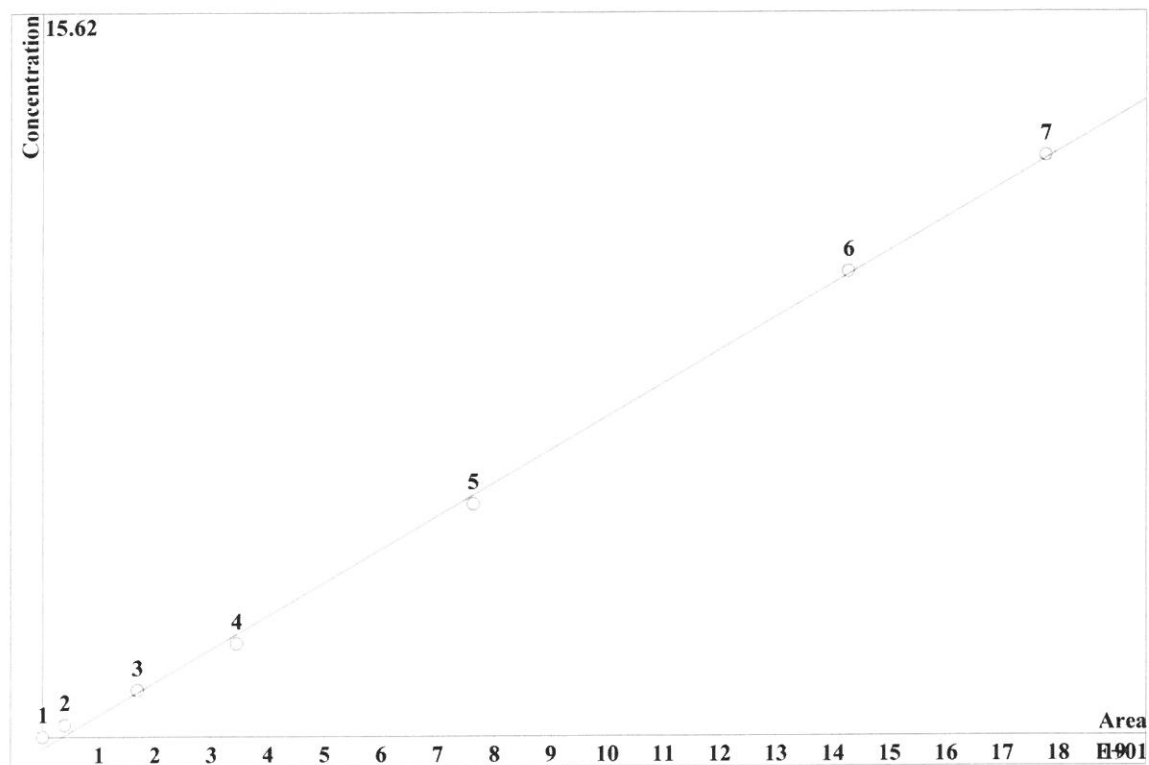
K3 = 0 K2 = 0 K1 = 0.521641 K0 = 1.78354
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.1166	3.012	0.125	20	14.11	Yes	
3	0.637	16.42	0.5	20	14.11	Yes	
4	1.334	34.64	1	20	14.11	Yes	
5	3.498	89.27	2.5	20	14.11	Yes	
6	7.391	188.2	5	20	14.11	Yes	
7	9.285	237.5	6.25	20	14.11	Yes	

±□;

CALIBRATION OF COMPONENT HPO4

Method: ANIONS 07-11-17.mtw
 Equation: $Q = 1.42734 \cdot A - 5.10864$
 RSD: 3.656 %
 Correlation coefficient: 0.999454

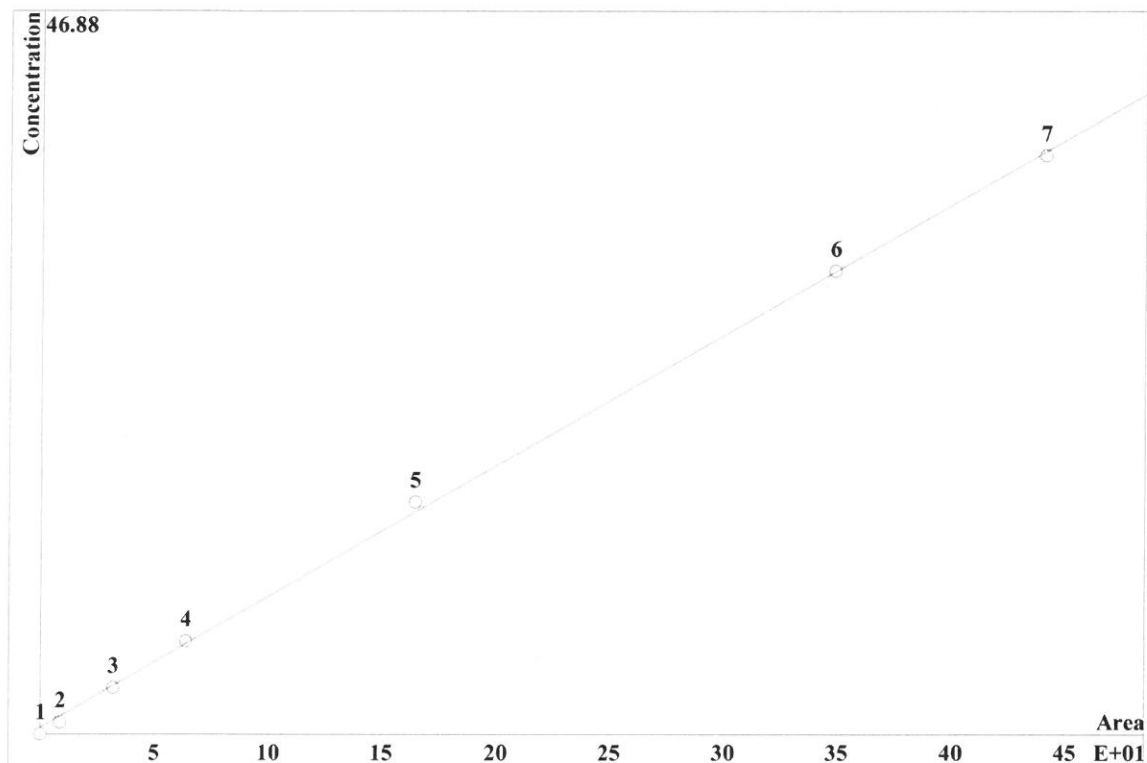


K3 = 0 K2 = 0 K1 = 1.42734 K0 = -5.10864
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1		0	0	0	0		No
2	0.06101	3.957	0.25	20	20.8	Yes	
3	0.2755	16.87	1	20	20.8	Yes	
4	0.5854	34.51	2	20	20.8	Yes	
5	1.384	76.34	5	20	20.8	Yes	
6	2.746	142.8	10	20	20.8	Yes	
7	3.493	177.8	12.5	20	20.8	Yes	

CALIBRATION OF COMPONENT SO4

Method: ANIONS 07-11-17.mtw
 Equation: $Q = 1.69309 \cdot A + 8.53567$
 RSD: 2.648 %
 Correlation coefficient: 0.999714



K3 = 0 K2 = 0 K1 = 1.69309 K0 = 8.53567
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0		0	0	0		No
2	0.2149	8.665	0.75	20	23.28	Yes	
3	0.8445	32	3	20	23.28	Yes	
4	1.728	63.99	6	20	23.28	Yes	
5	4.535	164.8	15	20	23.28	Yes	
6	9.788	349	30	20	23.28	Yes	
7	12.4	441	37.5	20	23.28	Yes	

Report date: 7/11/2017 2:05:17 PM
Printed by: wet

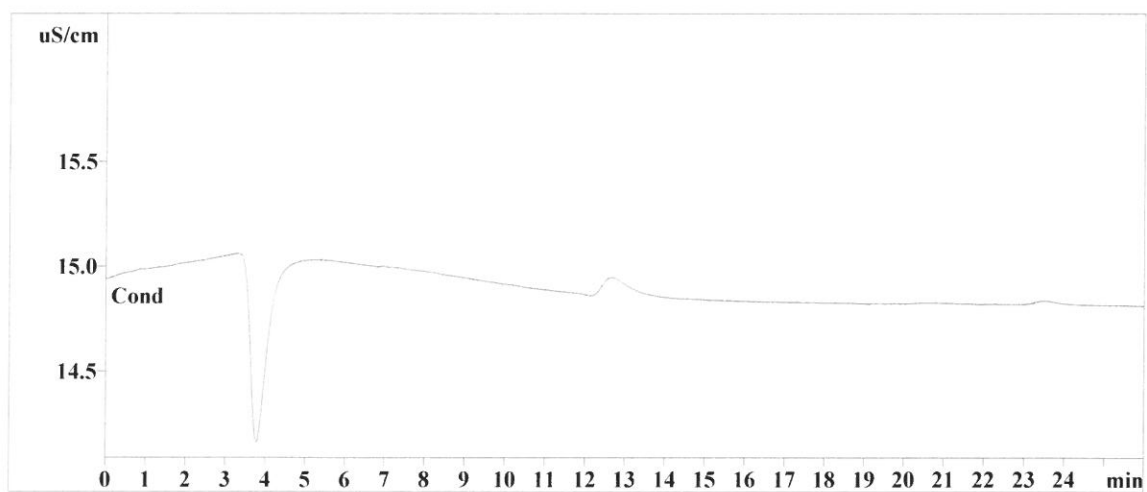
Ident: STD1
Analysis from: 7/11/2017 10:41:58 AM
File: _2017-07-11_

Last save: 7/11/2017 2:04:14 PM

Method: ANIONS 07-11-17.mtw
Run operator: wet
Analysis number: 58337

Last save: 7/11/2017 9:41:46 AM

SAMPLE:
:
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: 7/11/2017 2:05:25 PM
Printed by: wet

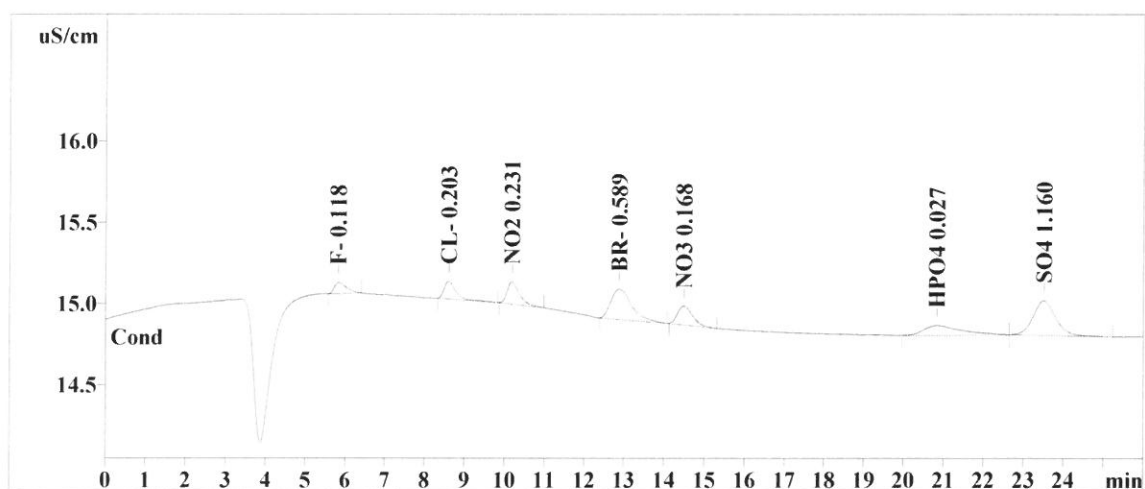
Ident: STD2
Analysis from: 7/11/2017 11:10:54 AM
File: _2017-07-11_

Last save: 7/11/2017 2:04:14 PM

Method: ANIONS 07-11-17.mtw
Run operator: wet
Analysis number: 58338

Last save: 7/11/2017 9:41:46 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	5.83	0.328	0.07	7.59	1.446	4.95	0.
2	8.59	0.298	0.11	12.10	2.297	7.86	0.
3	10.19	0.324	0.14	15.22	2.964	10.14	0.
4	12.89	0.548	0.19	20.90	6.887	23.56	0.
5	14.49	0.400	0.12	13.00	3.012	10.30	0.
6	20.82	0.957	0.06	6.73	3.957	13.54	0.
7	23.51	0.598	0.21	24.00	8.665	29.65	0.
7	26.00	0.493	0.89	99.54	29.228	100.00	0.

This report has been created by IC Net
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Report date: 7/11/2017 2:05:31 PM
Printed by: wet

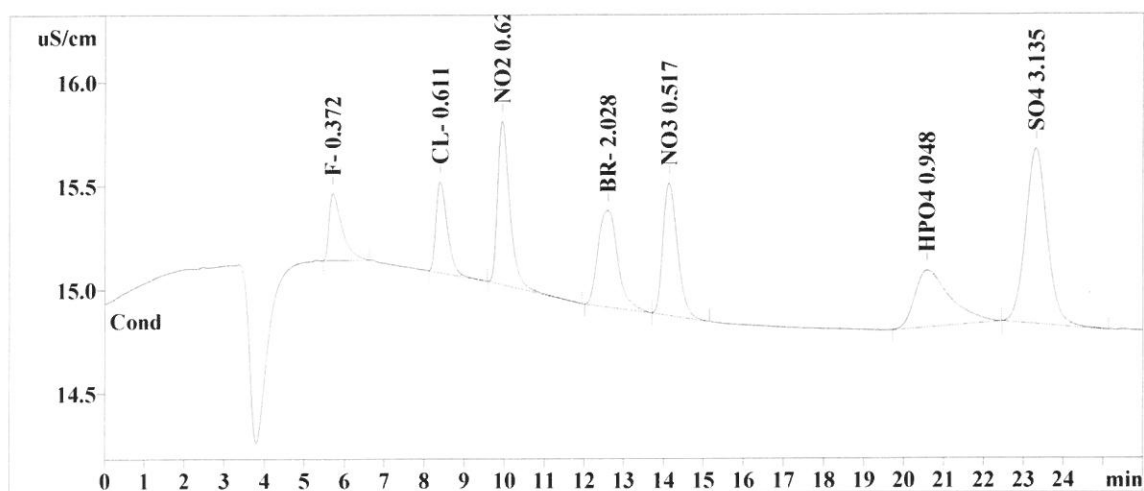
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File: _2017-07-11_

Last save: 7/11/2017 2:04:14 PM

Method: ANIONS 07-11-17.mtw
Run operator: wet
Analysis number: 58339

Last save: 7/11/2017 9:41:46 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	0.332	0.32	8.52	7.345	6.43	0.
2	8.40	0.288	0.44	11.62	8.457	7.40	0.
3	9.94	0.312	0.79	20.90	16.948	14.84	0.
4	12.60	0.530	0.47	12.36	16.210	14.19	0.
5	14.13	0.398	0.64	16.86	16.416	14.37	0.
6	20.58	0.901	0.27	7.28	16.866	14.76	0.
7	23.31	0.569	0.84	22.37	31.996	28.01	0.
7	26.00	0.476	3.77	99.93	114.237	100.00	0.

This report has been created by IC Net
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Report date: 7/11/2017 2:05:36 PM
Printed by: wet

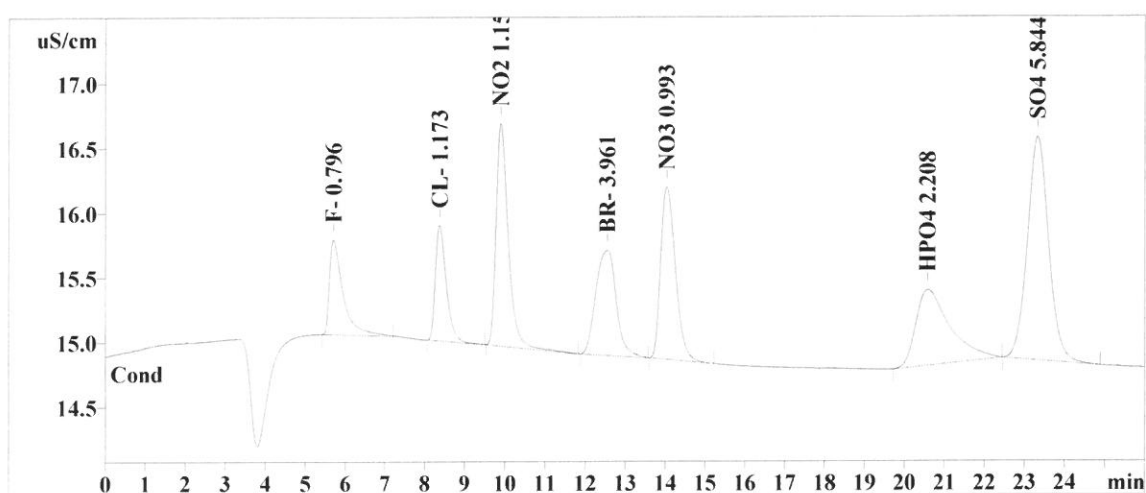
Ident: STD4
Analysis from: 7/11/2017 12:08:45 PM
File: _2017-07-11_

Last save: 7/11/2017 2:04:14 PM

Method: ANIONS 07-11-17.mtw
Run operator: wet
Analysis number: 58340

Last save: 7/11/2017 9:41:46 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	0.318	0.73	9.38	17.201	7.42	0.
2	8.38	0.283	0.90	11.46	16.942	7.30	0.
3	9.90	0.305	1.72	22.01	35.927	15.49	0.
4	12.56	0.550	0.82	10.44	28.734	12.39	0.
5	14.03	0.402	1.33	17.07	34.641	14.93	0.
6	20.59	0.852	0.59	7.49	34.514	14.88	0.
7	23.33	0.560	1.73	22.12	63.986	27.59	0.
7	26.00	0.467	7.81	99.96	231.946	100.00	0.

This report has been created by IC Net
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Report date: 7/11/2017 2:05:45 PM
Printed by: wet

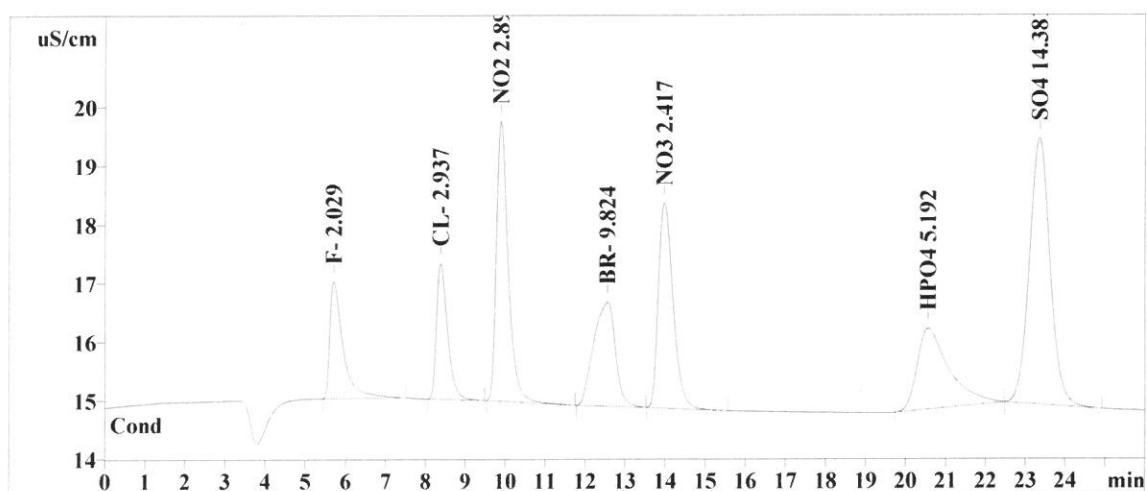
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File: _2017-07-11_

Last save: 7/11/2017 2:04:14 PM

Method: ANIONS 07-11-17.mtw
Run operator: wet
Analysis number: 58341

Last save: 7/11/2017 9:41:46 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	0.311	2.00	9.85	45.845	7.84	0.
2	8.38	0.281	2.31	11.41	43.598	7.46	0.
3	9.89	0.301	4.77	23.52	97.796	16.73	0.
4	12.57	0.607	1.78	8.77	66.713	11.42	0.
5	13.98	0.392	3.50	17.26	89.266	15.28	0.
6	20.56	0.782	1.38	6.83	76.335	13.06	0.
7	23.35	0.551	4.53	22.37	164.838	28.21	0.
7	26.00	0.461	20.27	99.99	584.391	100.00	0.

This report has been created by IC Net
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Report date: 7/11/2017 2:05:52 PM
Printed by: wet

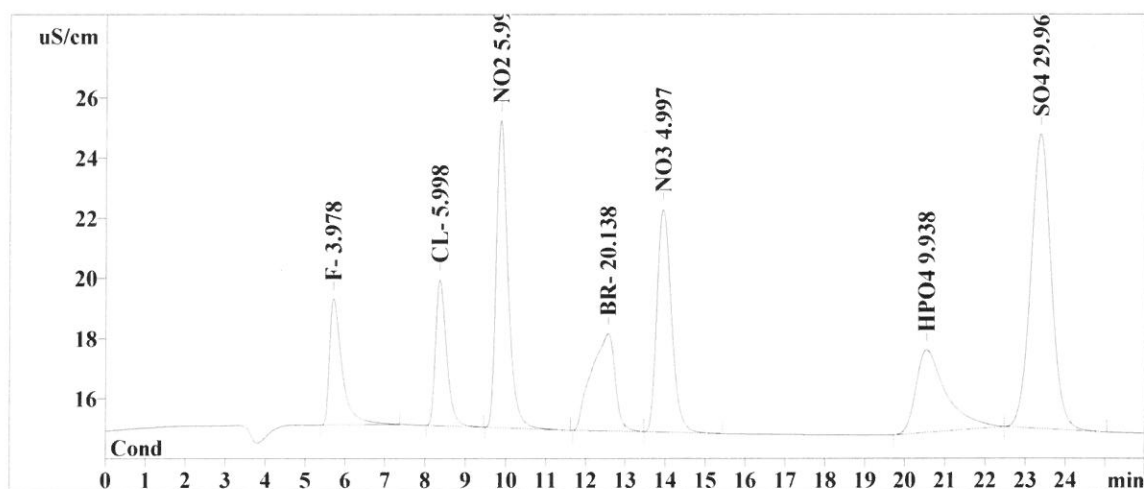
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Analysis from: 7/11/2017 1:06:37 PM
File: _2017-07-11_

Last save: 7/11/2017 2:04:14 PM

Method: ANIONS 07-11-17.mtw
Run operator: wet
Analysis number: 58342

Last save: 7/11/2017 9:41:46 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	5.71	0.302	4.19	9.89	91.104	7.58	0.
2	8.36	0.277	4.83	11.40	89.840	7.47	0.
3	9.87	0.301	10.21	24.08	207.829	17.29	0.
4	12.56	0.706	3.24	7.64	133.522	11.11	0.
5	13.94	0.392	7.39	17.43	188.182	15.65	0.
6	20.53	0.726	2.75	6.48	142.827	11.88	0.
7	23.37	0.539	9.79	23.09	348.975	29.03	0.
7	26.00	0.463	42.40	100.00	1202.278	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/11/2017 2:05:59 PM
Printed by: wet

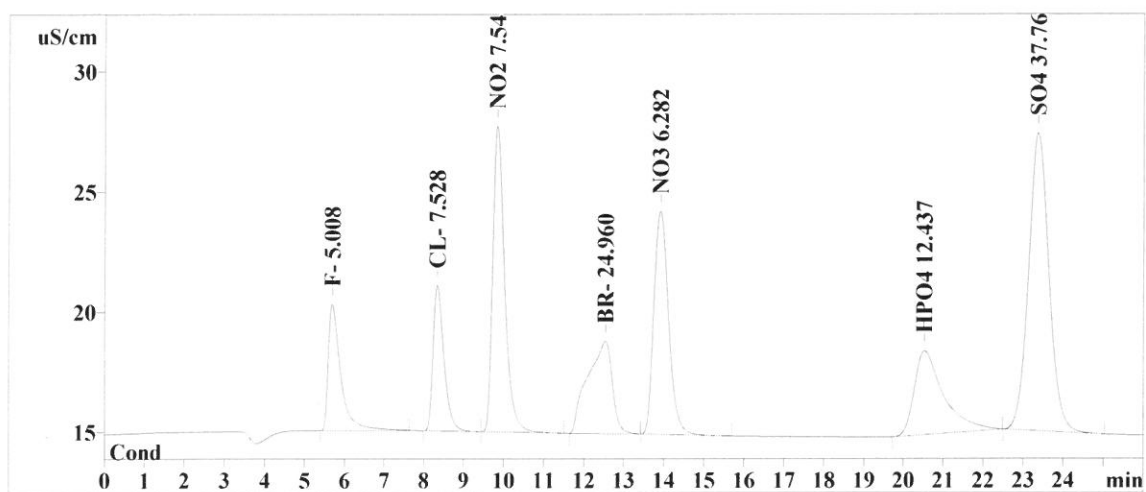
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Analysis from: 7/11/2017 1:35:32 PM
File: _2017-07-11_

Last save: 7/11/2017 2:04:22 PM

Method: ANIONS 07-11-17.mtw
Run operator: wet
Analysis number: 58343

Last save: 7/11/2017 9:41:46 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	5.69	0.301	5.26	9.92	115.047	7.61	0.
2	8.34	0.278	6.06	11.41	112.966	7.47	0.
3	9.84	0.306	12.73	23.99	263.151	17.40	0.
4	12.54	0.768	3.86	7.26	164.756	10.89	0.
5	13.91	0.394	9.29	17.49	237.455	15.70	0.
6	20.53	0.708	3.49	6.58	177.848	11.76	0.
7	23.37	0.538	12.40	23.35	441.014	29.16	0.
7	26.00	0.471	53.09	100.00	1512.236	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/12/2017 9:22:42 AM
Printed by: wet

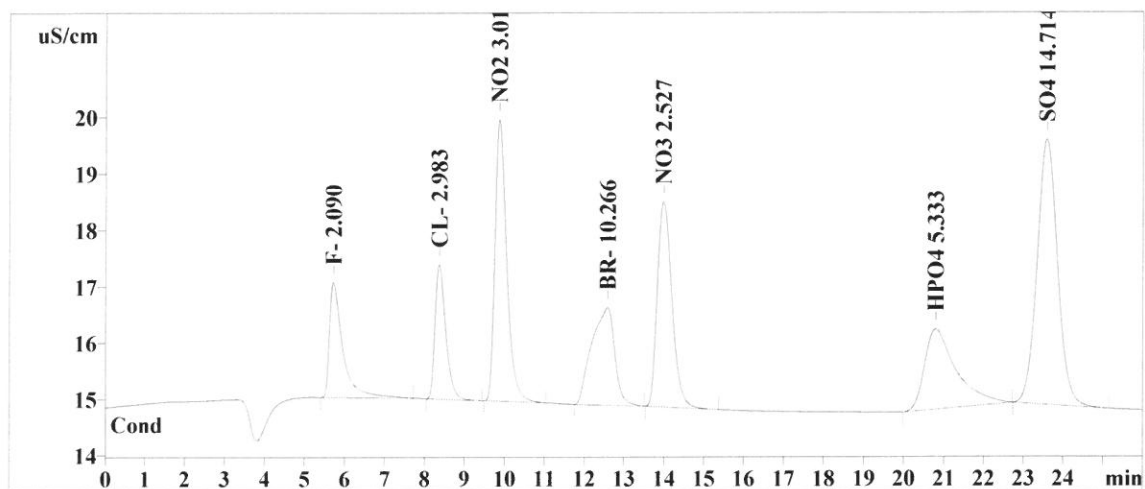
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Analysis from: 7/11/2017 3:03:18 PM
File: _2017-07-11_

Last save: 7/11/2017 3:29:08 PM

Method: ANIONS 07-11-17.mtw
Run operator: wet
Analysis number: 58346

Last save: 7/11/2017 2:01:22 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	5.73	0.308	2.04	9.77	47.249	7.83	0.
2	8.37	0.278	2.39	11.39	44.295	7.34	0.
3	9.87	0.303	4.99	23.85	102.065	16.91	0.
4	12.59	0.673	1.74	8.31	69.572	11.52	0.
5	13.98	0.396	3.64	17.40	93.474	15.48	0.
6	20.79	0.774	1.43	6.83	78.312	12.97	0.
7	23.59	0.546	4.70	22.45	168.770	27.95	0.
7	26.00	0.468	20.93	99.99	603.737	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/12/2017 9:22:48 AM
Printed by: wet

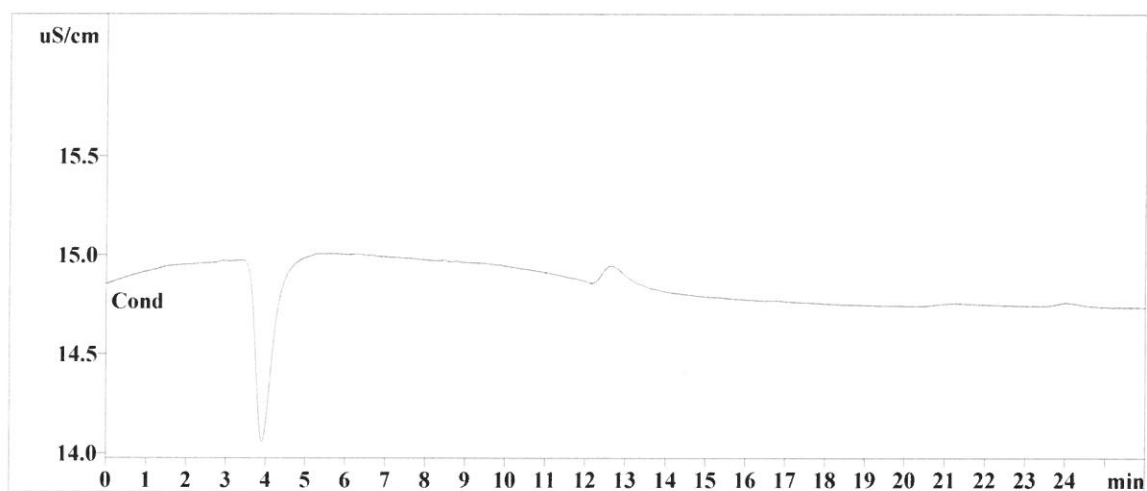
Ident: ICB
Analysis from: 7/11/2017 3:32:14 PM
File: _2017-07-11_

Last save: 7/12/2017 9:21:56 AM

Method: ANIONS 07-11-17.mtw
Run operator: wet
Analysis number: 58347

Last save: 7/11/2017 2:01:22 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: 8/9/2017 11:02:22 AM
Printed by: wet

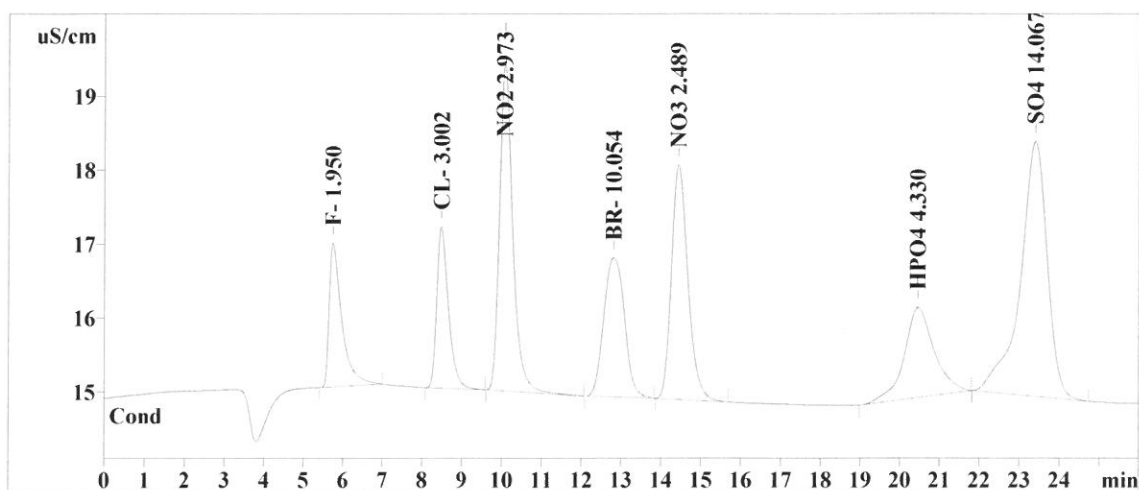
Ident: CCV
Analysis from: 8/8/2017 1:18:30 PM
File: _2017-08-08_

Last save: 8/8/2017 1:44:20 PM

Method: ANIONS 07-11-17.mtw
Run operator: wet
Analysis number: 58625

Last save: 8/2/2017 11:27:24 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	5.75	0.318	1.94	10.62	44.019	7.66	0.
2	8.49	0.303	2.18	11.91	44.573	7.75	0.
3	10.07	0.330	4.42	24.22	100.667	17.51	0.
4	12.80	0.575	1.88	10.31	68.200	11.86	0.
5	14.43	0.441	3.17	17.37	92.006	16.01	0.
6	20.45	0.742	1.22	6.68	64.249	11.18	0.
7	23.39	0.650	3.45	18.87	161.128	28.03	0.
7	26.00	0.480	18.26	99.98	574.843	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 8/9/2017 11:02:06 AM
Printed by: wet

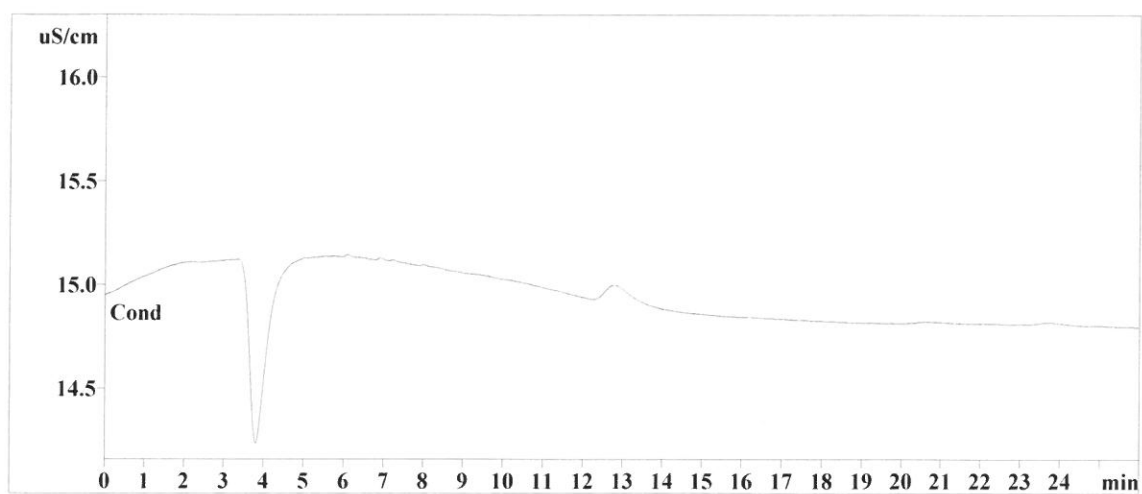
Ident: CCB
Analysis from: 8/8/2017 1:47:26 PM
File: _2017-08-08_

Last save: 8/9/2017 11:02:00 AM

Method: ANIONS 07-11-17.mtw
Run operator: wet
Analysis number: 58626

Last save: 8/2/2017 11:27:24 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: 8/9/2017 11:13:57 AM
Printed by: wet

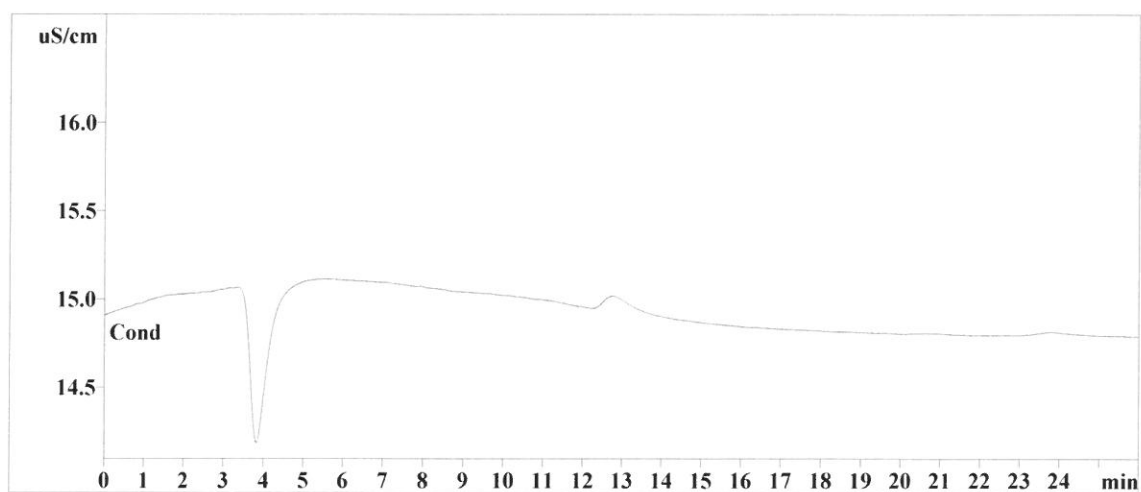
Ident: LB89331BLW
Analysis from: 8/8/2017 2:16:21 PM
File: _2017-08-08_

Last save: 8/9/2017 11:13:56 AM

Method: ANIONS 07-11-17.mtw
Run operator: wet
Analysis number: 58627

Last save: 8/2/2017 11:27:24 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: 8/9/2017 11:14:11 AM
Printed by: wet

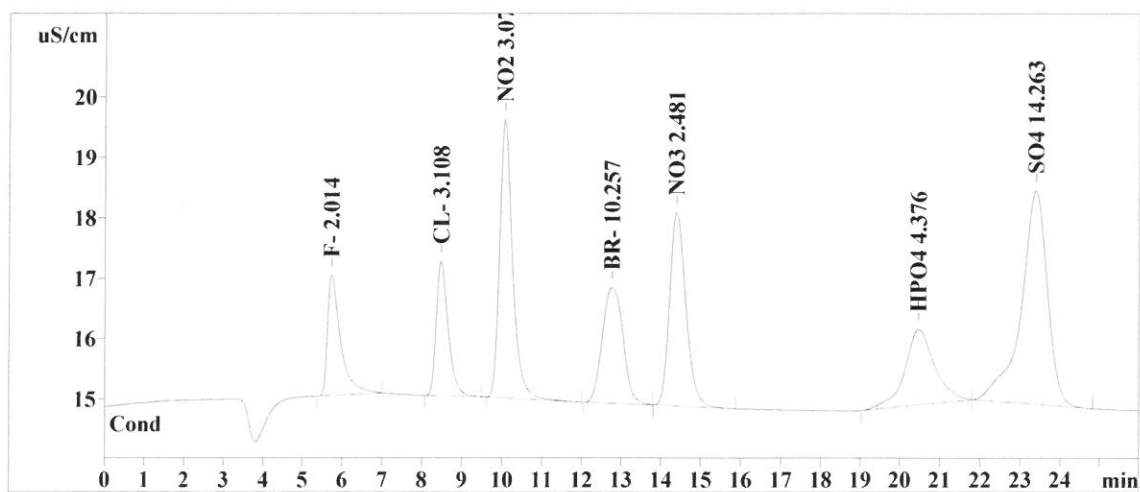
Ident: LB89331BSW
Analysis from: 8/8/2017 2:45:17 PM
File: _2017-08-08_

Last save: 8/9/2017 10:05:04 AM

Method: ANIONS 07-11-17.mtw
Run operator: wet
Analysis number: 58628

Last save: 8/2/2017 11:27:24 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	5.73	0.319	1.99	10.64	45.497	7.77	0.
2	8.47	0.307	2.23	11.90	46.187	7.89	0.
3	10.06	0.329	4.61	24.61	104.119	17.79	0.
4	12.76	0.576	1.92	10.23	69.515	11.88	0.
5	14.38	0.436	3.20	17.07	91.693	15.66	0.
6	20.46	0.730	1.25	6.68	64.899	11.09	0.
7	23.38	0.641	3.54	18.87	163.447	27.92	0.
7	26.00	0.477	18.74	99.99	585.358	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 8/9/2017 11:47:35 AM
Printed by: wet

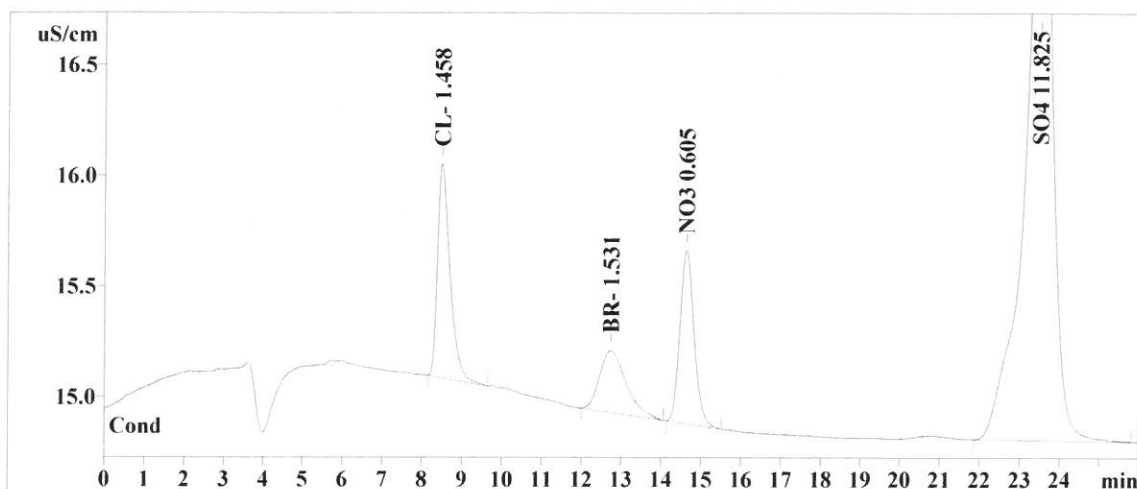
Ident: I4668-02
Analysis from: 8/8/2017 3:14:12 PM
File: _2017-08-08_

Last save: 8/8/2017 3:40:02 PM

Method: ANIONS 07-11-17.mtw
Run operator: wet
Analysis number: 58629

Last save: 8/2/2017 11:27:24 AM

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	8.49	0.325	0.97	19.58	21.255	11.27	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	12.74	0.699	0.28	5.67	12.994	6.89	0.
5	14.63	0.387	0.78	15.83	19.764	10.48	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	23.50	0.638	2.91	58.88	134.641	71.37	0.
7	26.00	0.293	4.94	99.97	188.653	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 8/9/2017 11:59:33 AM
Printed by: wet

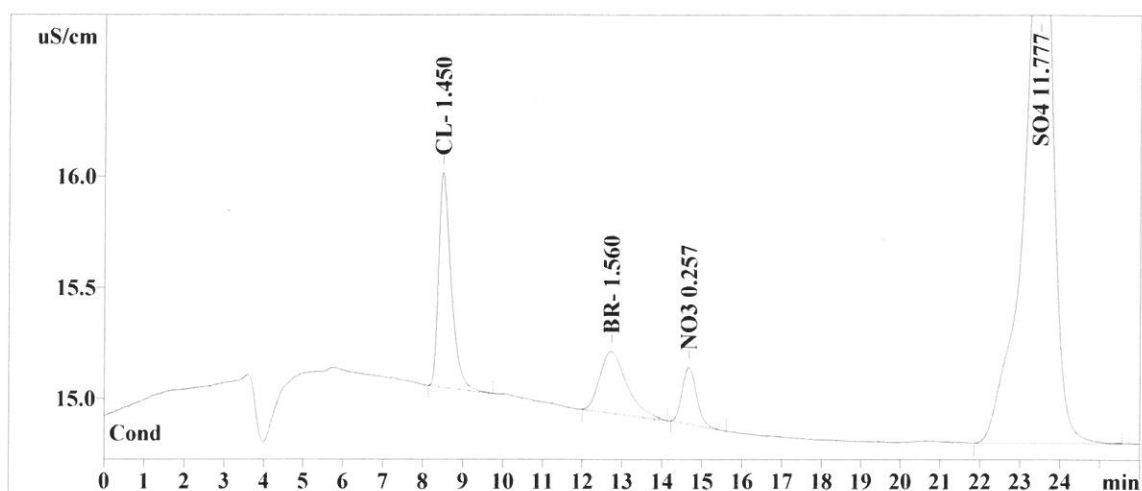
Ident: I4668-03
Analysis from: 8/8/2017 3:43:08 PM
File: _2017-08-08_

Last save: 8/9/2017 11:59:30 AM

Method: ANIONS 07-11-17.mtw
Run operator: wet
Analysis number: 58630

Last save: 8/2/2017 11:27:24 AM

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	8.49	0.325	0.96	21.93	21.133	12.09	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	12.72	0.713	0.28	6.32	13.180	7.54	0.
5	14.67	0.388	0.25	5.80	6.432	3.68	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	23.48	0.640	2.90	65.89	134.073	76.69	0.
7	26.00	0.295	4.39	99.95	174.817	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 8/9/2017 12:02:38 PM
Printed by: wet

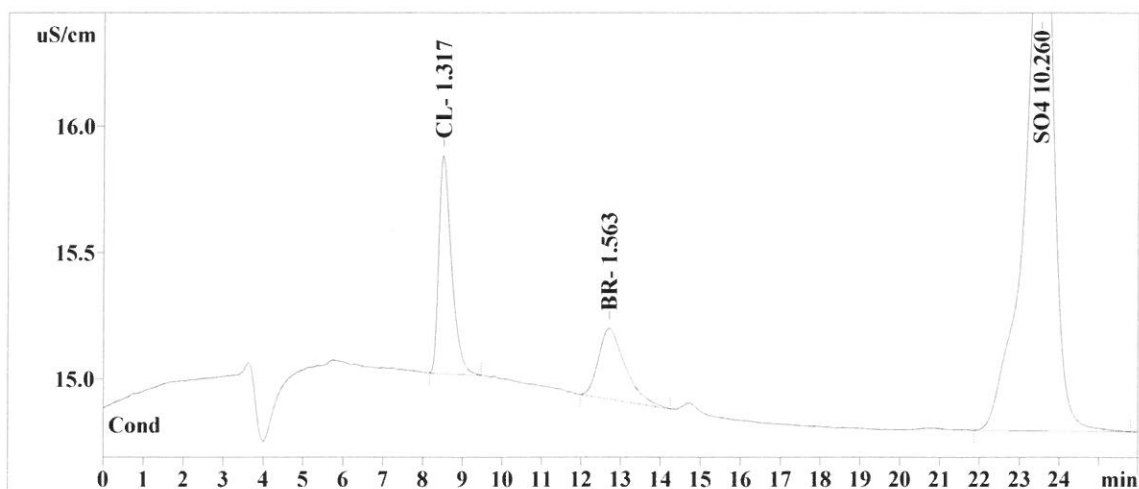
Ident: I4668-04
Analysis from: 8/8/2017 4:12:04 PM
File: _2017-08-08_

Last save: 8/9/2017 12:02:38 PM

Method: ANIONS 07-11-17.mtw
Run operator: wet
Analysis number: 58631

Last save: 8/2/2017 11:27:24 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	8.51	0.330	0.86	23.58	19.126	12.88	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	12.71	0.710	0.28	7.65	13.199	8.89	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	23.53	0.637	2.51	68.71	116.163	78.23	0.
7	26.00	0.239	3.65	99.94	148.487	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 8/9/2017 12:03:42 PM
Printed by: wet

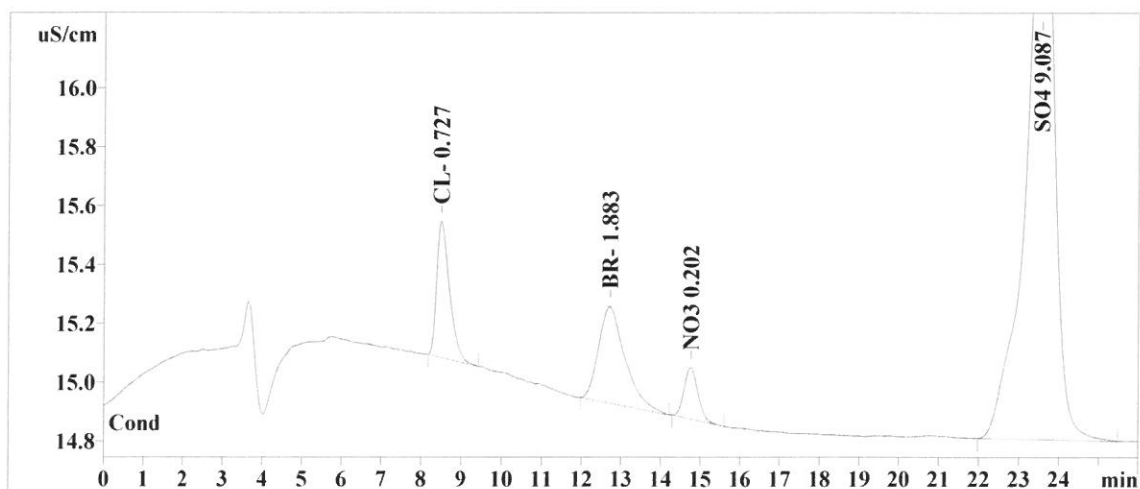
Ident: I4668-07
Analysis from: 8/8/2017 4:40:59 PM
File: _2017-08-08_

Last save: 8/9/2017 12:03:42 PM

Method: ANIONS 07-11-17.mtw
Run operator: wet
Analysis number: 58632

Last save: 8/2/2017 11:27:24 AM

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	8.50	0.332	0.46	14.46	10.204	7.72	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	12.71	0.694	0.33	10.30	15.271	11.56	0.
5	14.76	0.378	0.18	5.49	4.326	3.27	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	23.56	0.635	2.22	69.69	102.304	77.44	0.
7	26.00	0.291	3.19	99.94	132.105	100.00	0.

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Report date: 8/9/2017 12:06:59 PM
Printed by: wet

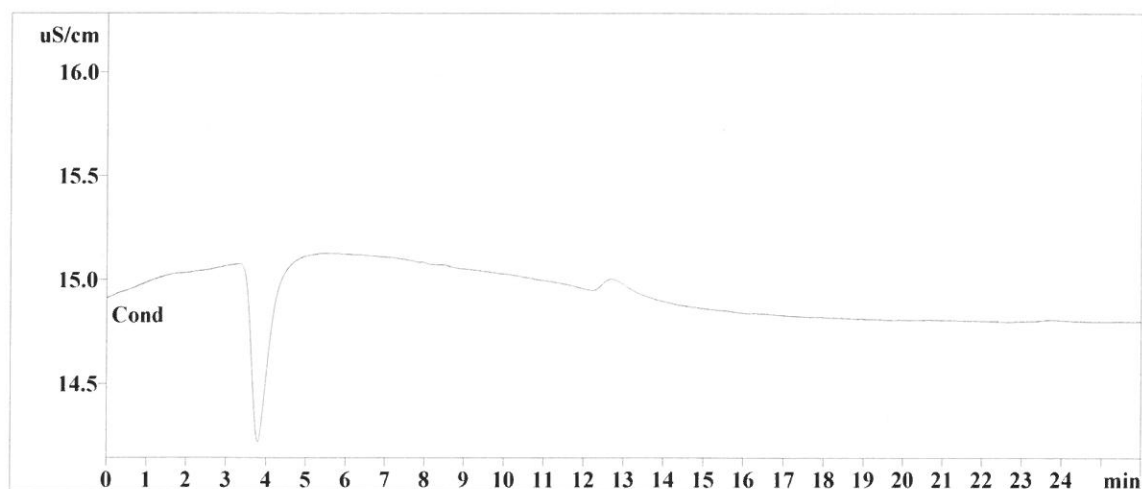
Ident: I4668-08
Analysis from: 8/8/2017 5:09:55 PM
File: _2017-08-08_

Last save: 8/9/2017 12:07:00 PM

Method: ANIONS 07-11-17.mtw
Run operator: wet
Analysis number: 58633

Last save: 8/2/2017 11:27:24 AM

SAMPLE:
: AK/AP
Vial number: 16
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: 8/9/2017 12:07:35 PM
Printed by: wet

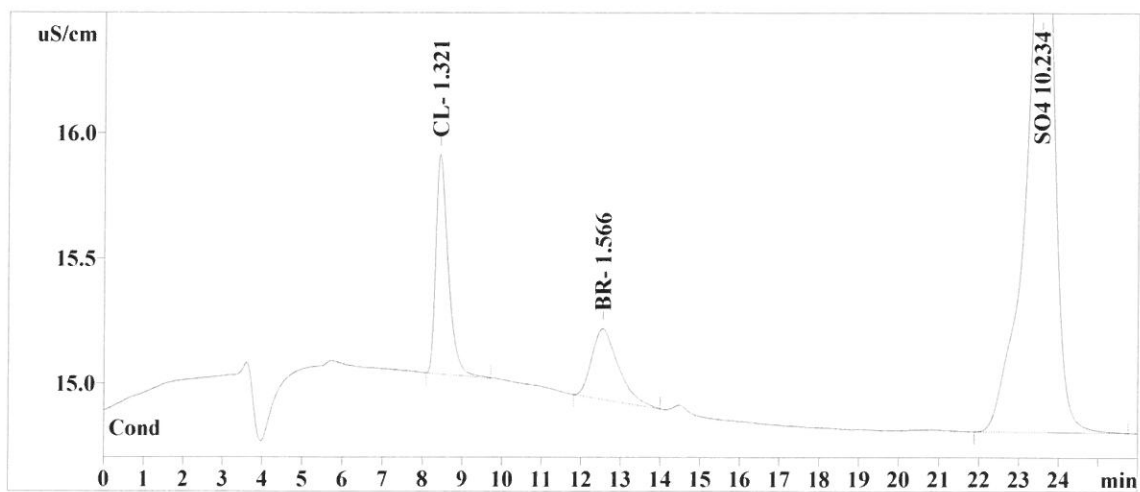
Ident: I4668-04DUP
Analysis from: 8/8/2017 5:38:50 PM
File: _2017-08-08_

Last save: 8/8/2017 6:04:40 PM

Method: ANIONS 07-11-17.mtw
Run operator: wet
Analysis number: 58634

Last save: 8/2/2017 11:27:24 AM

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	8.43	0.323	0.88	23.68	19.179	12.94	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	12.55	0.707	0.28	7.64	13.220	8.92	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	23.55	0.633	2.54	68.64	115.846	78.15	0.
7	26.00	0.238	3.69	99.96	148.244	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 8/9/2017 12:08:30 PM
Printed by: wet

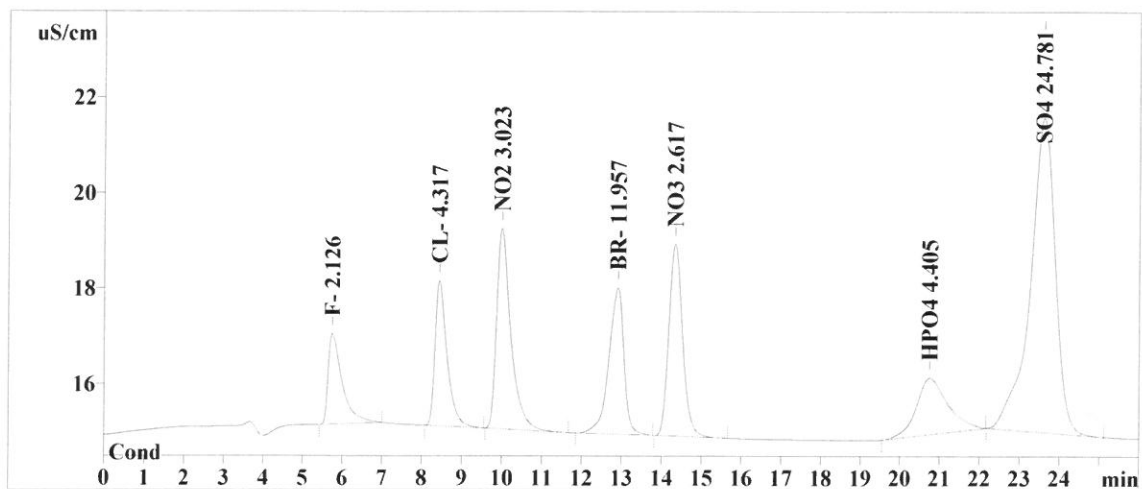
Ident: I4668-05MS
Analysis from: 8/8/2017 6:07:46 PM
File: _2017-08-08_

Last save: 8/9/2017 12:08:30 PM

Method: ANIONS 07-11-17.mtw
Run operator: wet
Analysis number: 58635

Last save: 8/2/2017 11:27:24 AM

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	5.74	0.362	1.89	7.90	48.096	6.45	0.
2	8.44	0.314	3.04	12.67	64.442	8.64	0.
3	9.99	0.347	4.19	17.49	102.458	13.74	0.
4	12.90	0.389	3.07	12.78	80.531	10.80	0.
5	14.33	0.368	4.01	16.74	96.911	13.00	0.
6	20.75	0.797	1.19	4.95	65.304	8.76	0.
7	23.60	0.616	6.58	27.45	287.686	38.59	0.
7	26.00	0.456	23.97	99.99	745.427	100.00	0.

This report has been created by IC Net
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Report date: 8/9/2017 12:09:34 PM
Printed by: wet

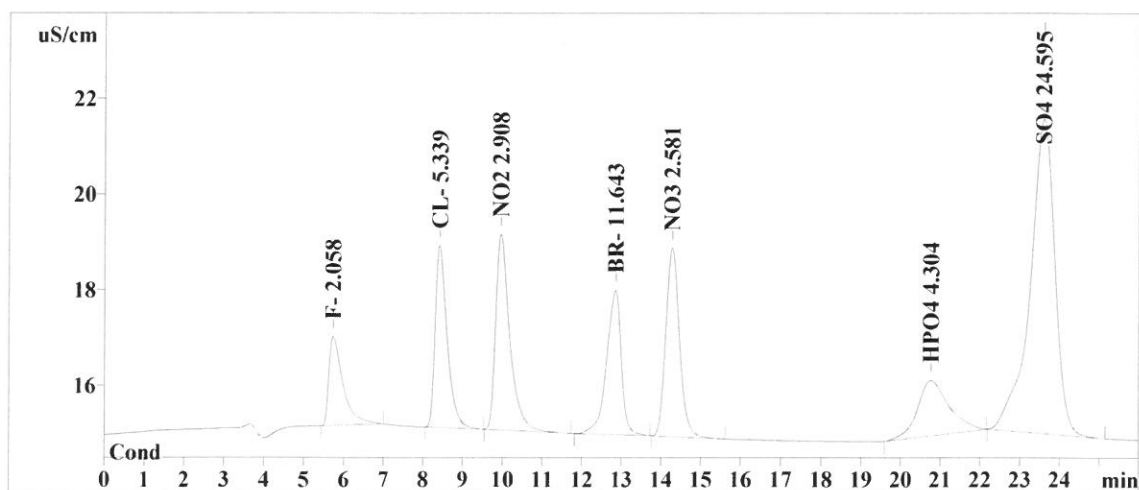
Ident: I4668-06MSD
Analysis from: 8/8/2017 6:36:41 PM
File: _2017-08-08_

Last save: 8/8/2017 7:02:32 PM

Method: ANIONS 07-11-17.mtw
Run operator: wet
Analysis number: 58636

Last save: 8/2/2017 11:27:24 AM

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	5.73	0.357	1.85	7.60	46.518	6.22	0.
2	8.42	0.311	3.80	15.56	79.888	10.68	0.
3	9.95	0.341	4.09	16.73	98.367	13.15	0.
4	12.84	0.387	3.01	12.33	78.493	10.49	0.
5	14.27	0.369	3.94	16.14	95.529	12.77	0.
6	20.75	0.804	1.16	4.73	63.886	8.54	0.
7	23.59	0.614	6.57	26.90	285.492	38.16	0.
7	26.00	0.455	24.41	100.00	748.174	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 8/9/2017 12:09:51 PM
Printed by: wet

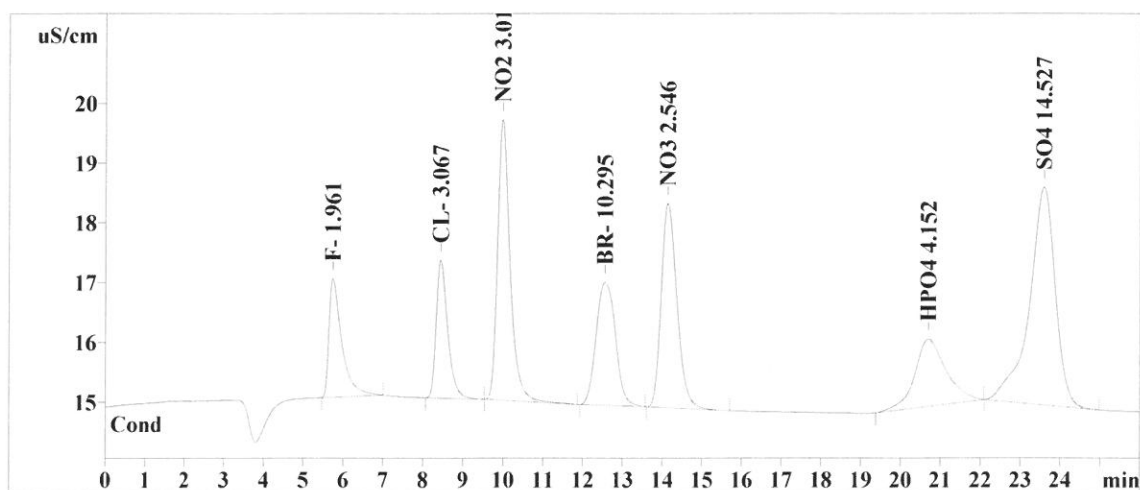
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Analysis from: 8/8/2017 7:05:37 PM
File: _2017-08-08_

Last save: 8/8/2017 7:31:26 PM

Method: ANIONS 07-11-17.mtw
Run operator: wet
Analysis number: 58637

Last save: 8/2/2017 11:27:24 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	5.75	0.314	1.98	10.31	44.253	7.58	0.
2	8.44	0.292	2.31	11.99	45.564	7.80	0.
3	9.98	0.316	4.70	24.41	102.083	17.47	0.
4	12.55	0.537	2.06	10.70	69.759	11.94	0.
5	14.13	0.419	3.42	17.77	94.209	16.13	0.
6	20.69	0.787	1.13	5.87	61.763	10.57	0.
7	23.58	0.641	3.64	18.94	166.558	28.51	0.
7	26.00	0.472	19.23	99.99	584.190	100.00	0.

This report has been created by IC Net
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Report date: 8/9/2017 12:10:29 PM
Printed by: wet

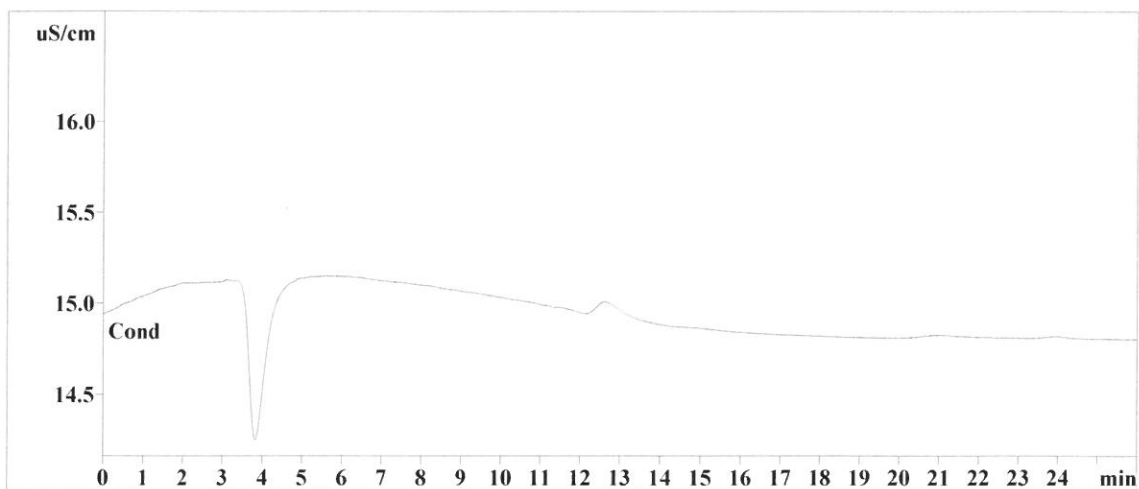
Ident: CCB
Analysis from: 8/8/2017 7:34:32 PM
File: _2017-08-08_

Last save: 8/9/2017 12:10:30 PM

Method: ANIONS 07-11-17.mtw
Run operator: wet
Analysis number: 58638

Last save: 8/2/2017 11:27:24 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: 8/9/2017 12:15:51 PM
Printed by: wet

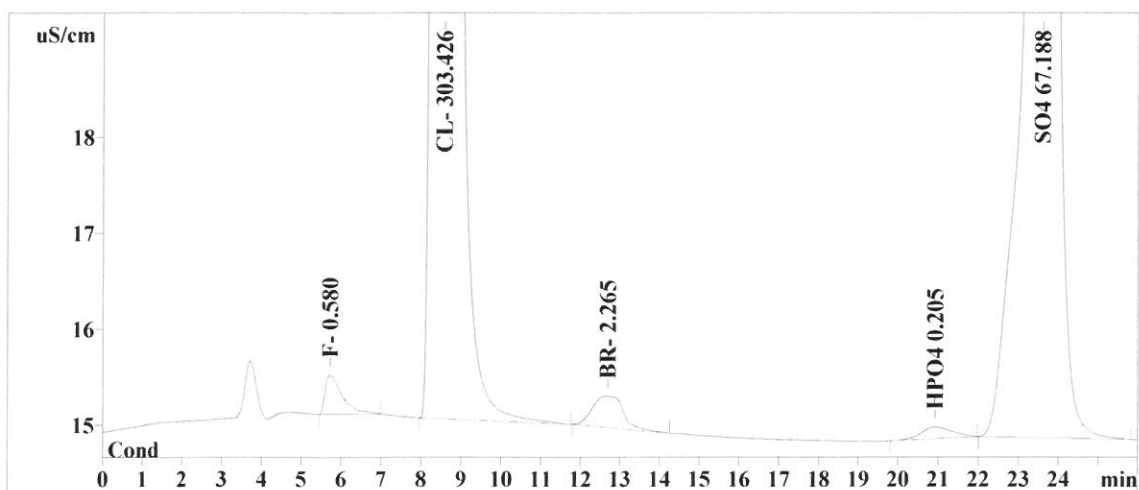
Ident: I4681-10
Analysis from: 8/8/2017 8:03:28 PM
File: _2017-08-08_

Last save: 8/8/2017 8:29:18 PM

Method: ANIONS 07-11-17.mtw
Run operator: wet
Analysis number: 58639

Last save: 8/2/2017 11:27:24 AM

SAMPLE:
: AK/AP
Vial number: 17
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.73	0.430	0.41	0.18	12.191	0.23	0.
2	8.57	0.331	211.39	91.68	4583.451	84.75	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	12.70	0.835	0.33	0.14	17.745	0.33	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	20.90	0.827	0.12	0.05	6.456	0.12	0.
7	23.59	0.601	18.31	7.94	788.628	14.58	0.
7	26.00	0.432	230.55	99.99	5408.471	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 8/9/2017 12:19:07 PM
Printed by: wet

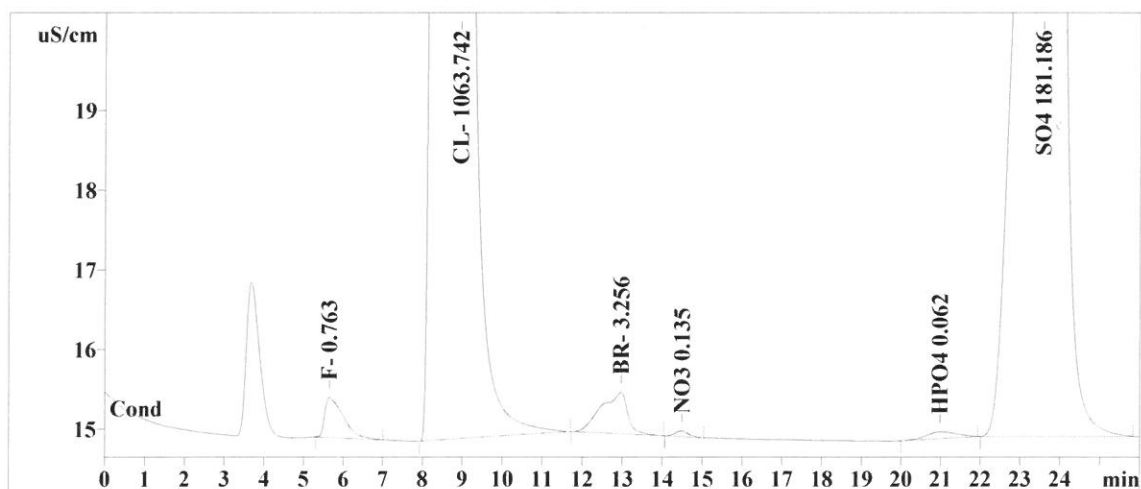
Ident: I4681-11
Analysis from: 8/8/2017 8:32:23 PM
File: _2017-08-08_

Last save: 8/8/2017 8:58:14 PM

Method: ANIONS 07-11-17.mtw
Run operator: wet
Analysis number: 58640

Last save: 8/2/2017 11:27:24 AM

SAMPLE:
: AK/AP
Vial number: 18
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	5.65	0.515	0.50	0.09	16.428	0.09	0.
2	8.94	0.537	501.01	90.74	16070.476	88.05	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	12.97	0.773	0.52	0.09	24.166	0.13	0.
5	14.49	0.369	0.07	0.01	1.754	0.01	0.
6	20.98	0.841	0.08	0.02	4.441	0.02	0.
7	23.56	0.606	49.94	9.04	2135.251	11.70	0.
7	26.00	0.520	552.13	100.00	18252.515	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 8/9/2017 12:19:31 PM
Printed by: wet

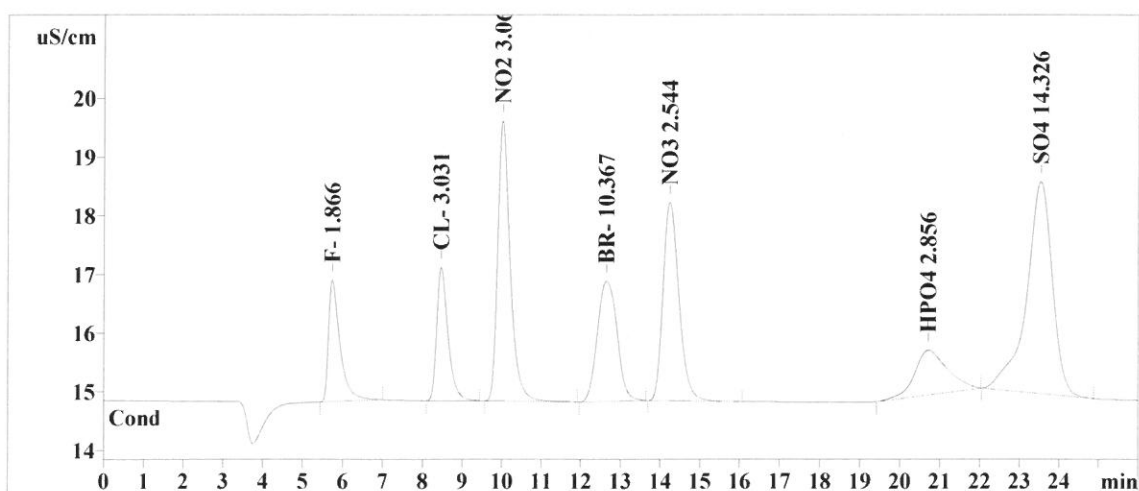
Ident: CCV
Analysis from: 8/8/2017 9:01:19 PM
File: _2017-08-08_

Last save: 8/8/2017 9:27:08 PM

Method: ANIONS 07-11-17.mtw
Run operator: wet
Analysis number: 58641

Last save: 8/2/2017 11:27:24 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	5.73	0.290	2.07	10.94	42.050	7.47	0.
2	8.46	0.293	2.27	11.99	45.015	8.00	0.
3	10.01	0.316	4.77	25.24	103.802	18.44	0.
4	12.64	0.542	2.05	10.83	70.227	12.47	0.
5	14.23	0.423	3.38	17.86	94.131	16.72	0.
6	20.70	0.848	0.76	4.04	43.604	7.74	0.
7	23.53	0.638	3.61	19.09	164.189	29.16	0.
7	26.00	0.479	18.92	99.99	563.018	100.00	0.

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METROHM LTD

Report date: 8/9/2017 12:20:07 PM
Printed by: wet

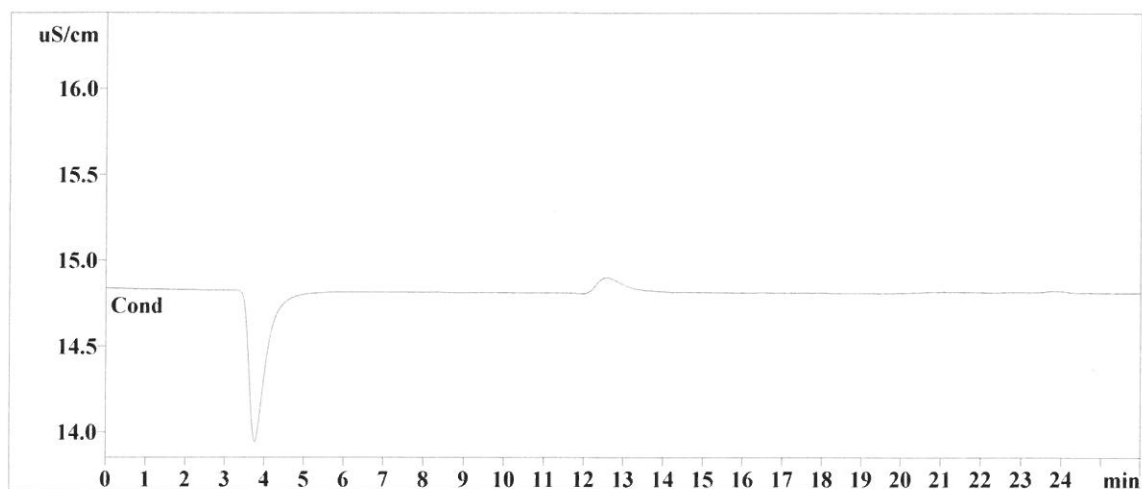
Ident: CCB
Analysis from: 8/8/2017 9:30:14 PM
File: _2017-08-08_

Last save: 8/9/2017 12:20:06 PM

Method: ANIONS 07-11-17.mtw
Run operator: wet
Analysis number: 58642

Last save: 8/2/2017 11:27:24 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