

M300.0
IC-1
6-28-17 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	2.0970	2.9930	2.9690	9.9730	2.4360	5.1600	14.5180	_2017-06-21_	6/21/17 12:29
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2017-06-21_	6/21/17 12:59
LB88266BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2017-06-21_	6/21/17 13:28
LB88266BSW	2.1800	2.9530	2.9570	9.9060	2.4240	5.2260	14.4550	_2017-06-21_	6/21/17 13:57
I3832-02	0.0000	0.6840	0.0000	2.1790	0.0000	0.0000	30.5740	_2017-06-21_	6/21/17 14:30
I3832-03	0.0000	5.4170	0.0000	2.7290	0.0000	0.0000	0.9510	_2017-06-21_	6/21/17 14:59
I3832-06	0.0000	3.0730	0.0000	1.5040	0.4770	0.0000	24.0900	_2017-06-21_	6/21/17 15:28
I3832-07	0.0000	0.9730	0.0000	2.1030	0.3080	0.0000	20.6900	_2017-06-21_	6/21/17 15:57
I3832-08	0.0000	0.9770	0.0000	2.0670	0.4030	0.0000	19.6220	_2017-06-21_	6/21/17 16:26
I3832-09	0.0000	0.6340	0.0000	1.5290	0.2020	0.0000	21.4330	_2017-06-21_	6/21/17 16:55
I3832-10	0.4070	6.2330	0.0000	1.7330	0.0000	0.0000	12.0750	_2017-06-21_	6/21/17 17:24
I3833-01	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2017-06-21_	6/21/17 17:53
CCV	2.1170	3.0130	2.9690	9.9660	2.4420	3.6330	14.6020	_2017-06-21_	6/21/17 18:22
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2017-06-21_	6/21/17 18:51
I3832-03DUP	0.0000	5.4170	0.0000	2.6520	0.0000	0.0000	0.9500	_2017-06-21_	6/21/17 19:20
I3832-04MS	0.8640	7.9740	2.9880	12.0500	2.5140	4.3620	15.5310	_2017-06-21_	6/21/17 19:49
I3832-05MSD	0.9040	8.2000	3.0930	12.4720	2.5520	4.8090	15.6790	_2017-06-21_	6/21/17 20:18
CCV	2.1170	3.0110	2.9690	9.9880	2.4550	4.4650	14.6280	_2017-06-21_	6/21/17 20:47
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2017-06-21_	6/21/17 21:15
CCV	2.1640	2.9900	2.9560	10.0540	2.4460	4.5230	14.5310	_2017-06-22_	6/22/17 10:47

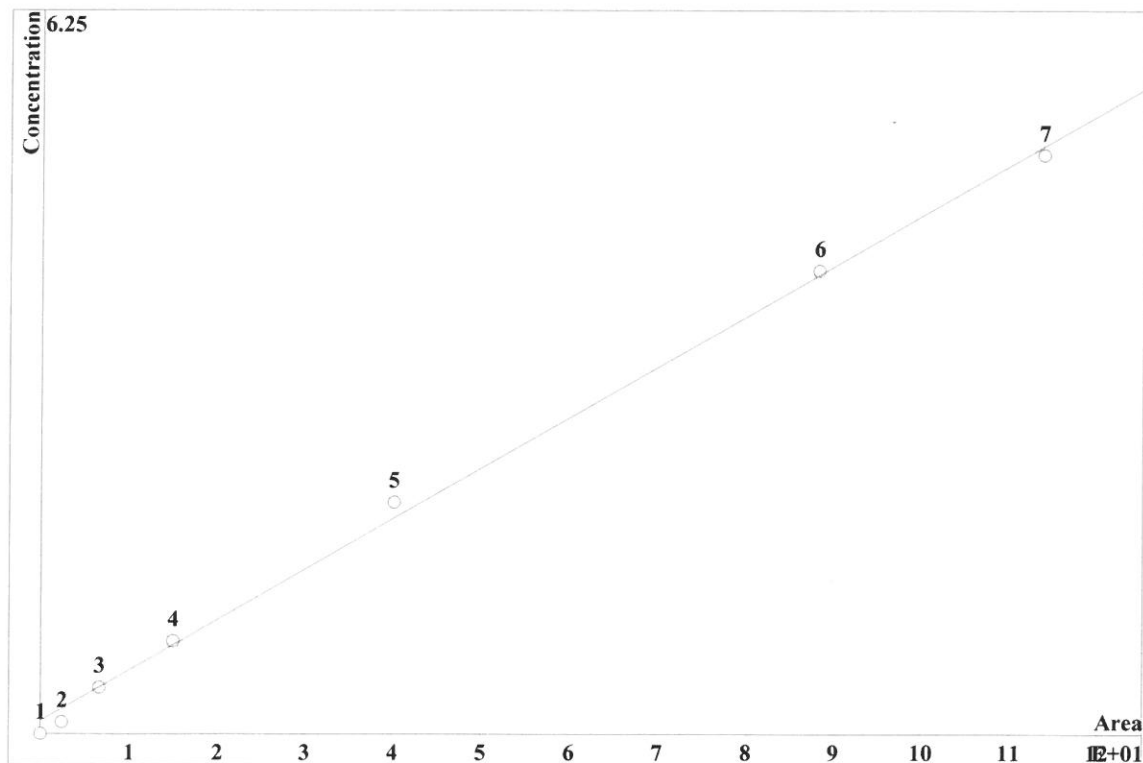
[illegible]

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



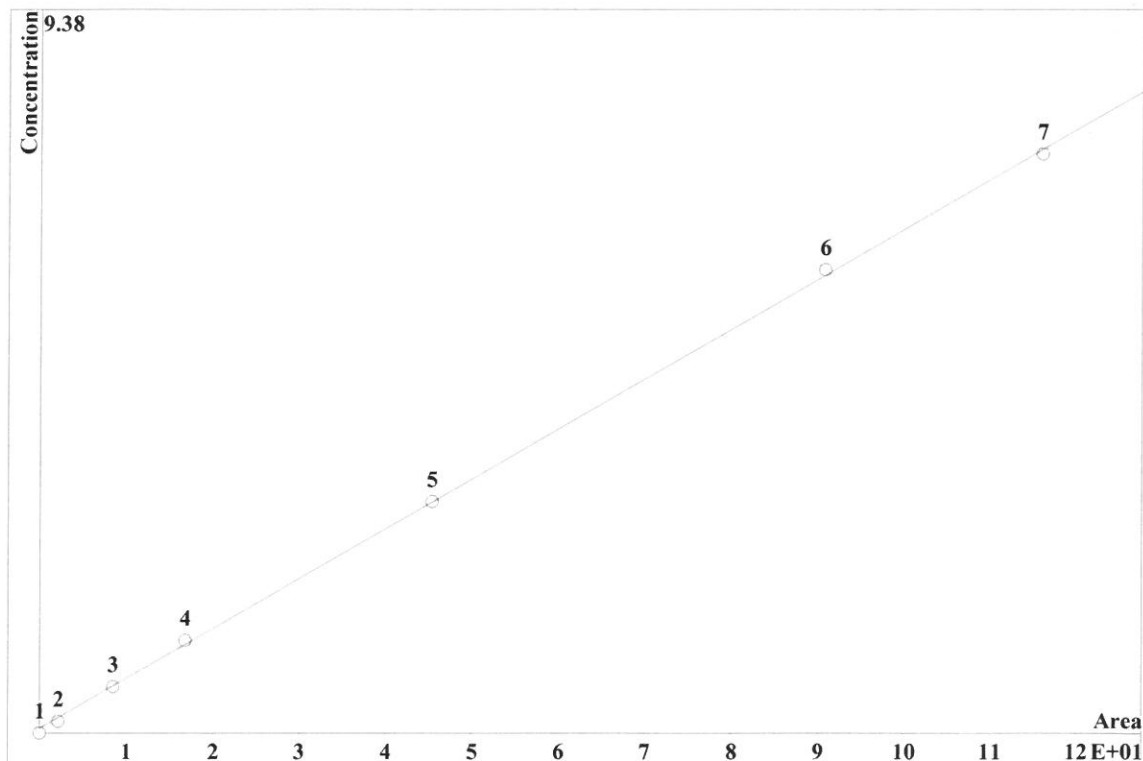
K3 = 0 K2 = 0 K1 = 0.872097 K0 = 2.29619

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



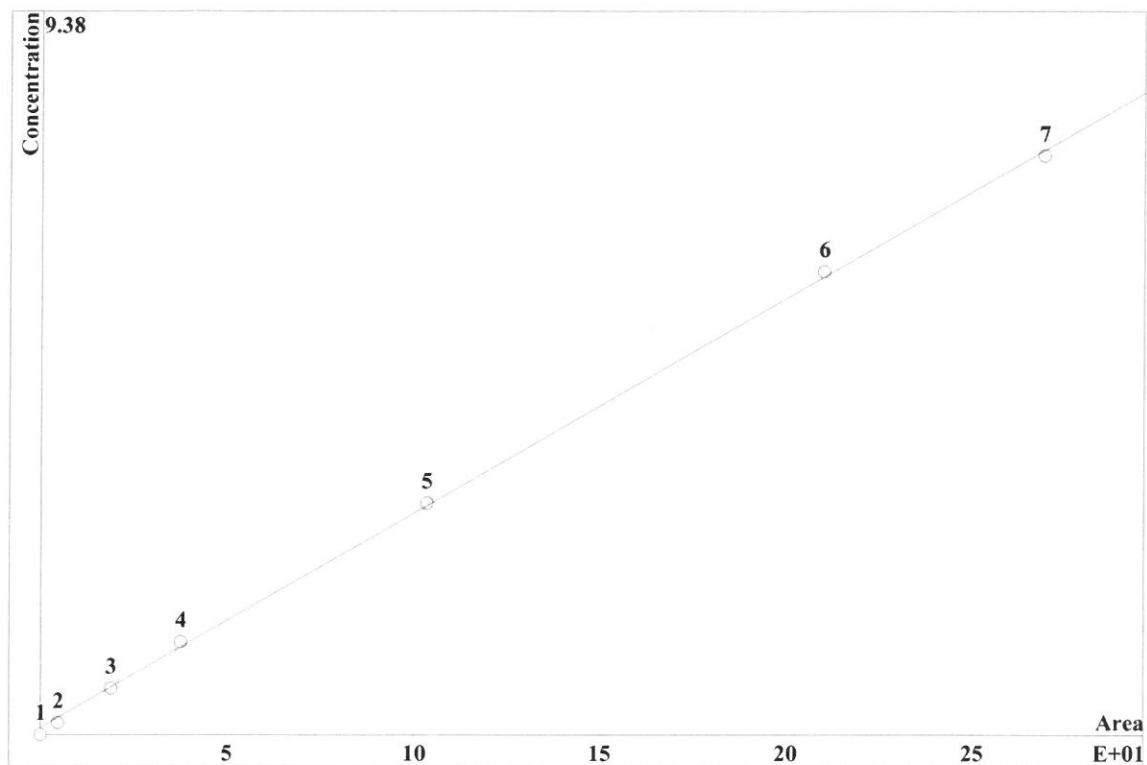
K3 = 0 K2 = 0 K1 = 1.29292 K0 = 1.25546

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

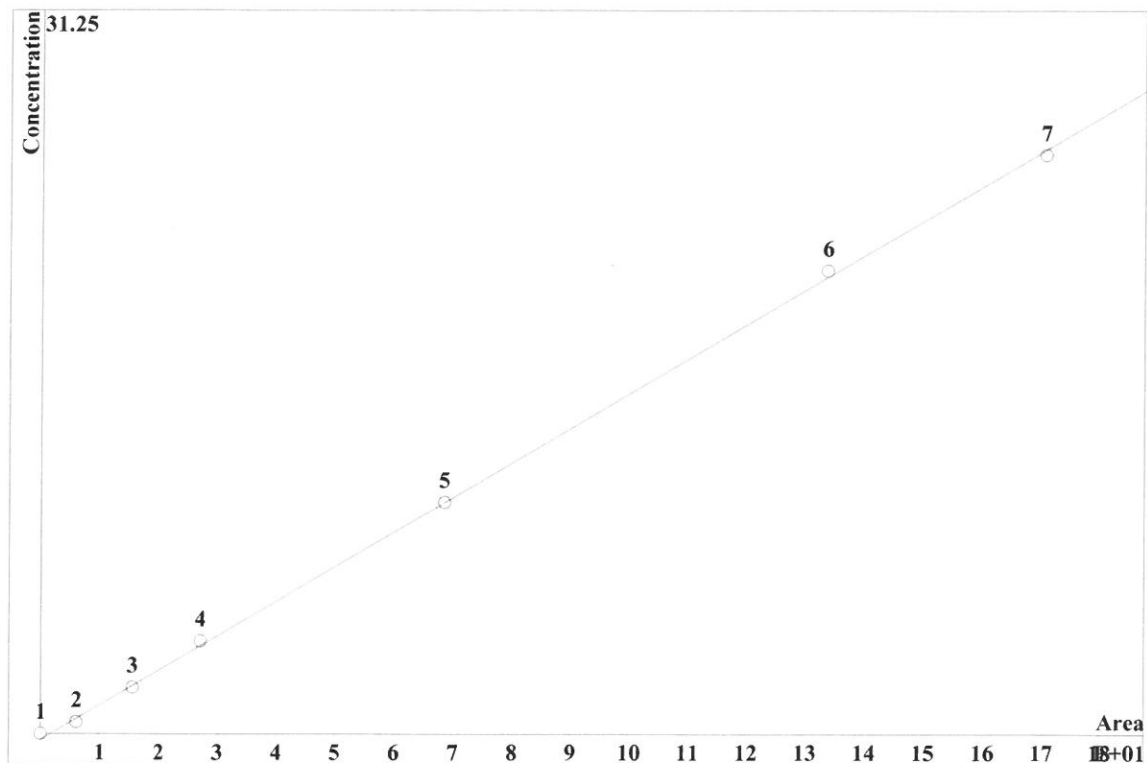
Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

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



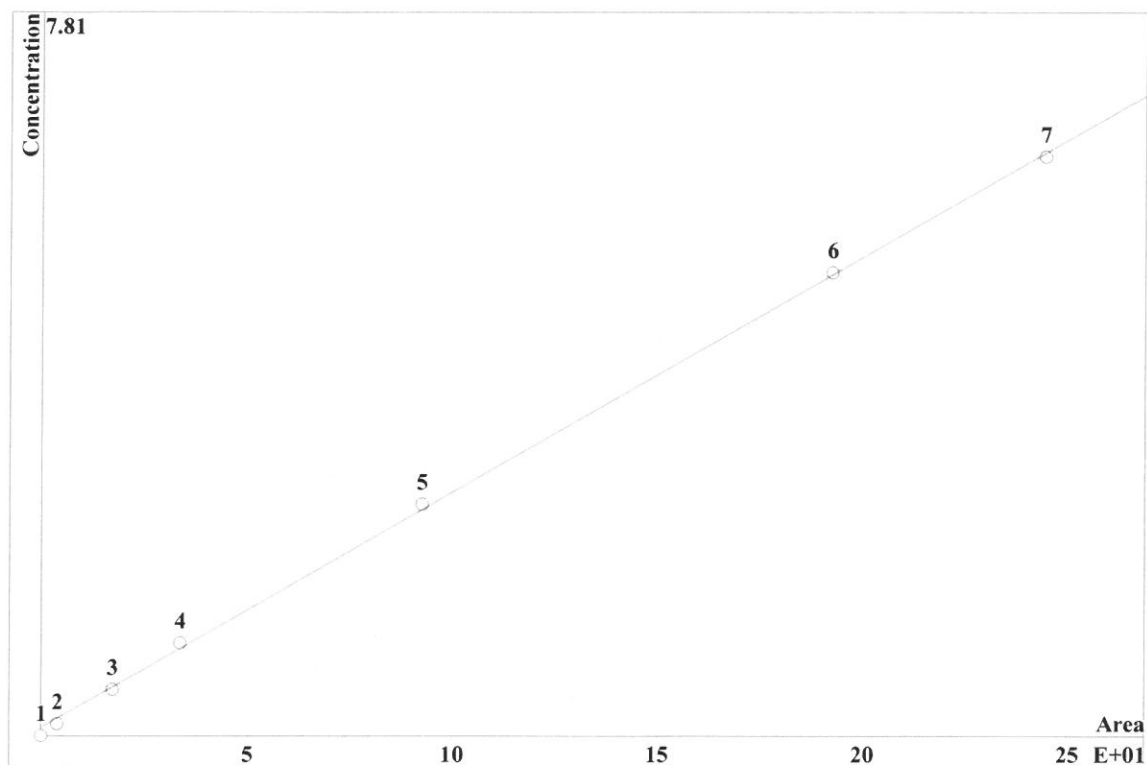
K3 = 0 K2 = 0 K1 = 2.98803 K0 = -4.99399

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

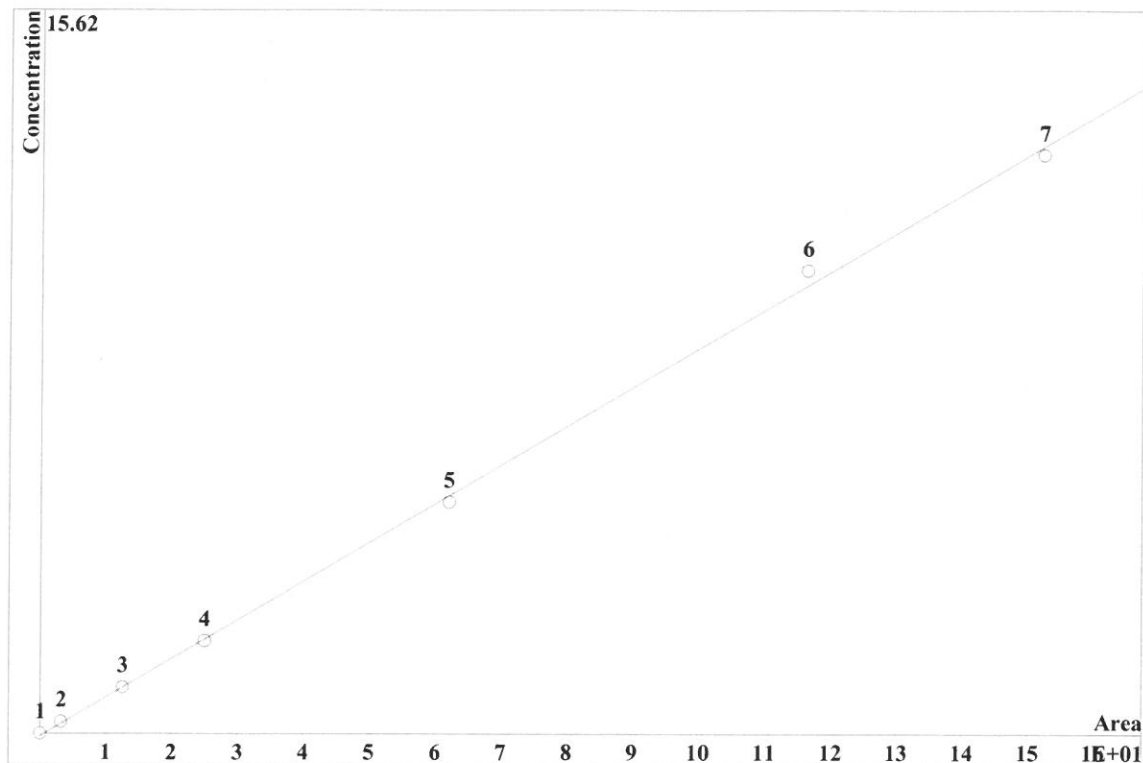
Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

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



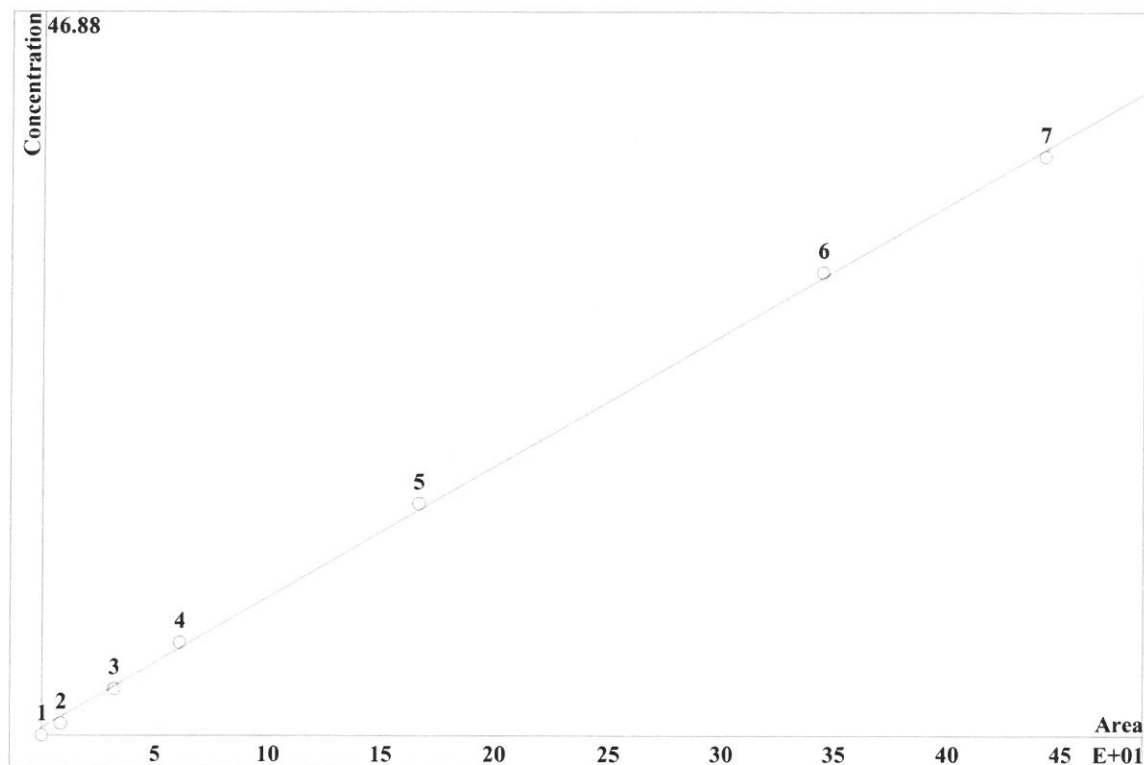
K3 = 0 K2 = 0 K1 = 1.67333 K0 = -1.10242

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	

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Printed by: wet

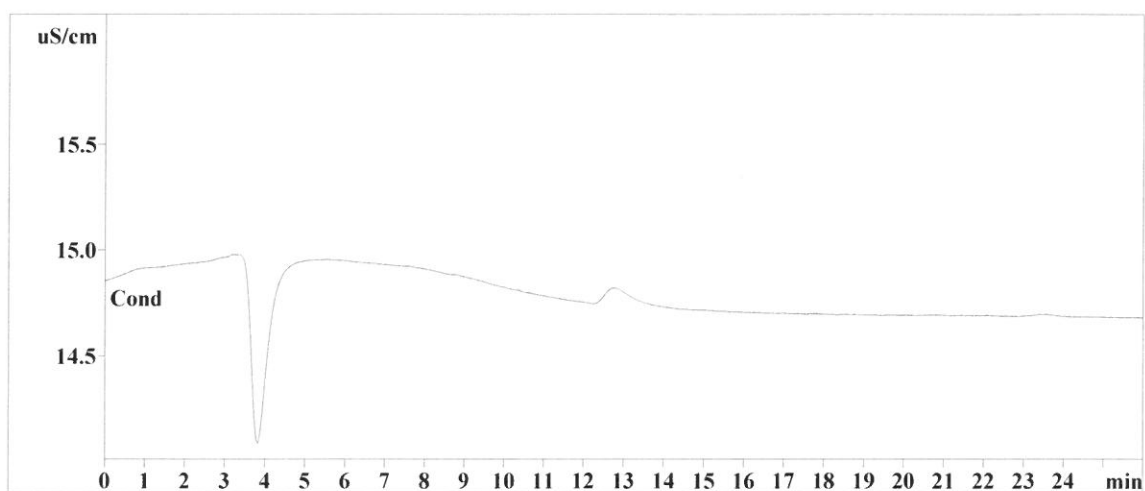
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Analysis from: 6/12/2017 11:03:13 AM
File: _2017-06-12_

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

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

This report has been created by IC Net
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Report date: 6/12/2017 4:50:30 PM
Printed by: wet

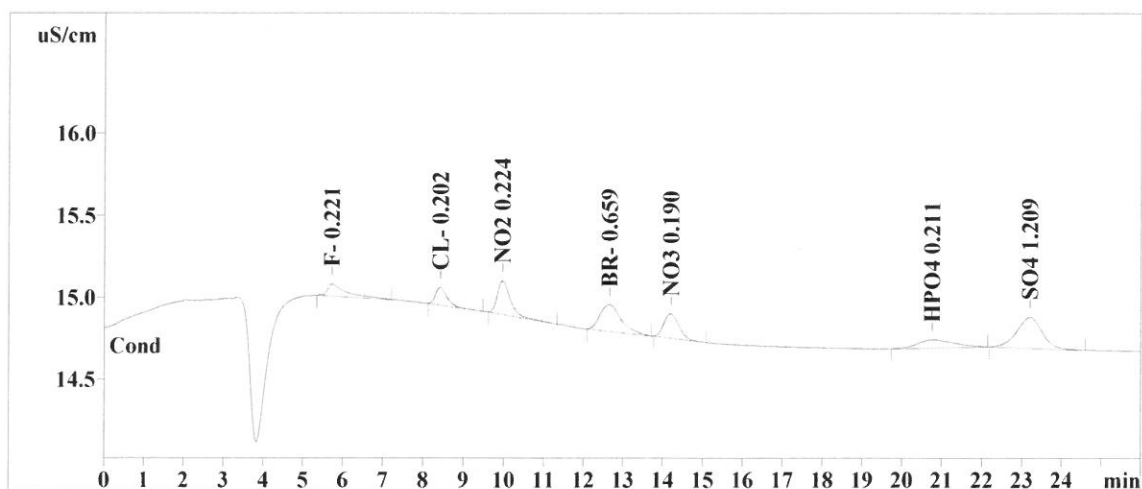
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Analysis from: 6/12/2017 11:32:08 AM
File: _2017-06-12_

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

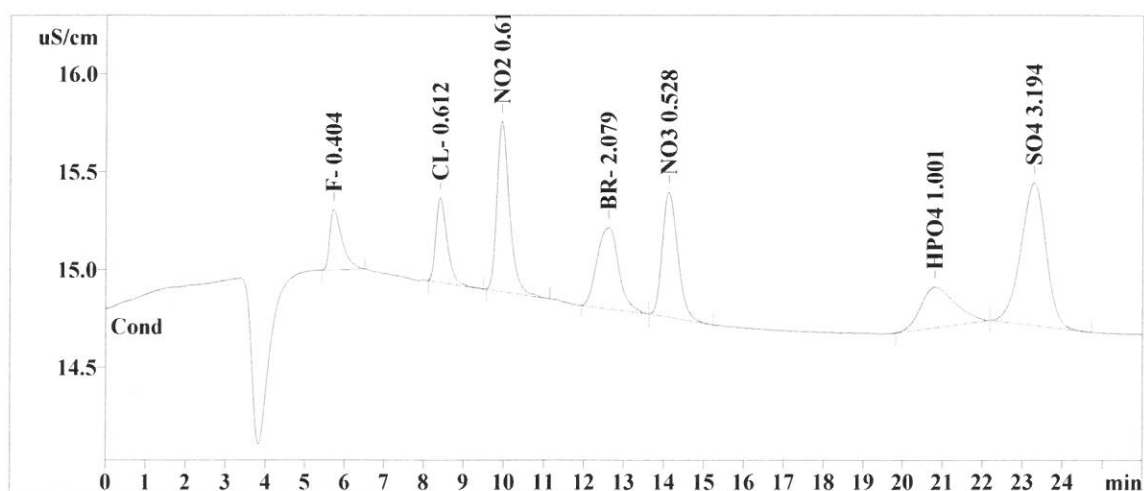
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Analysis from: 6/12/2017 12:01:04 PM
File: _2017-06-12_

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 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	5.72	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

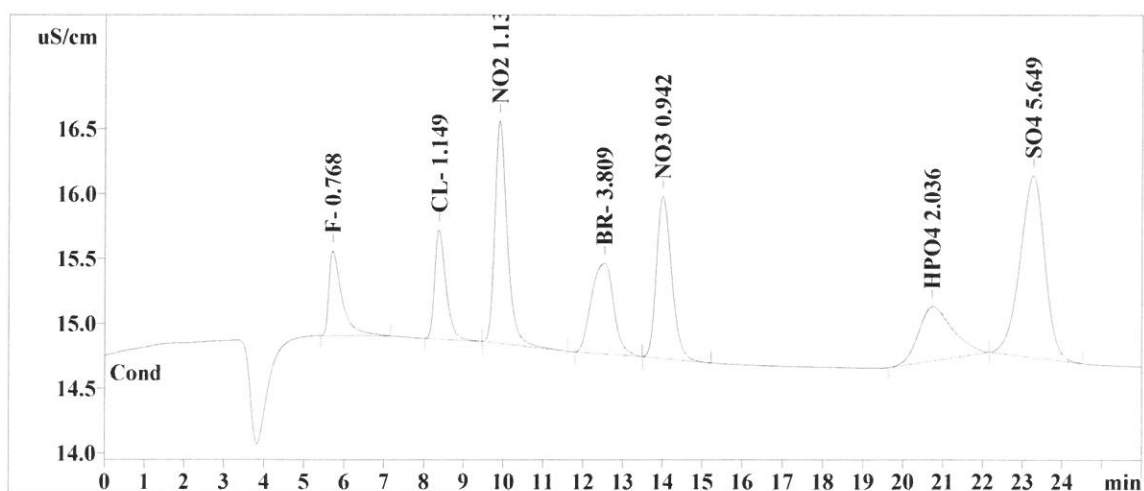
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File: _2017-06-12_

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

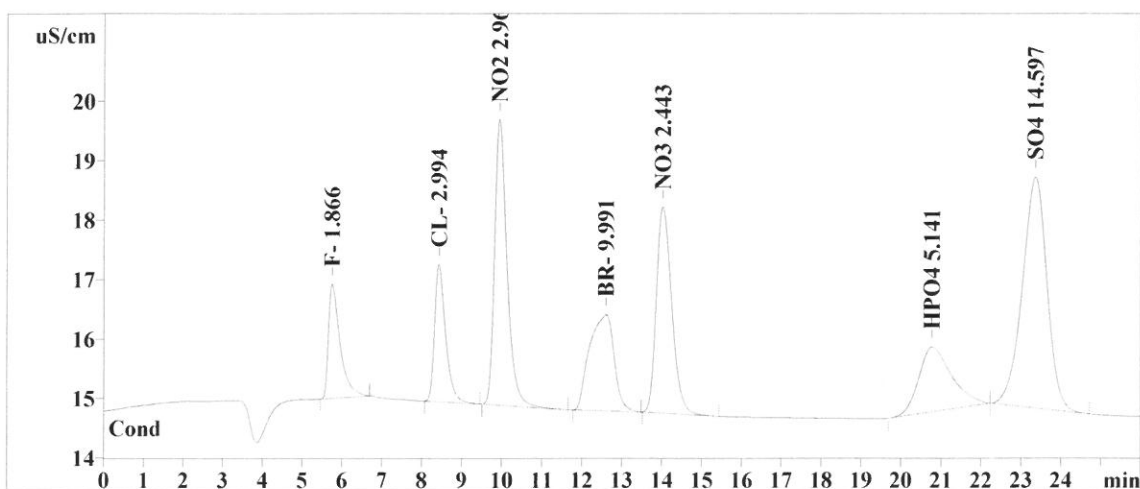
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File: _2017-06-12_

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

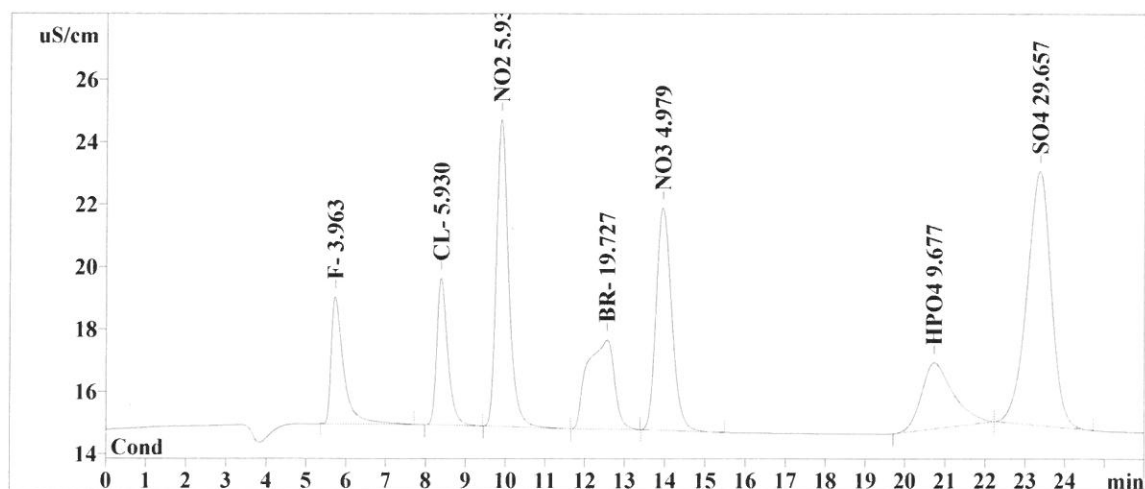
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File: _2017-06-12_

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

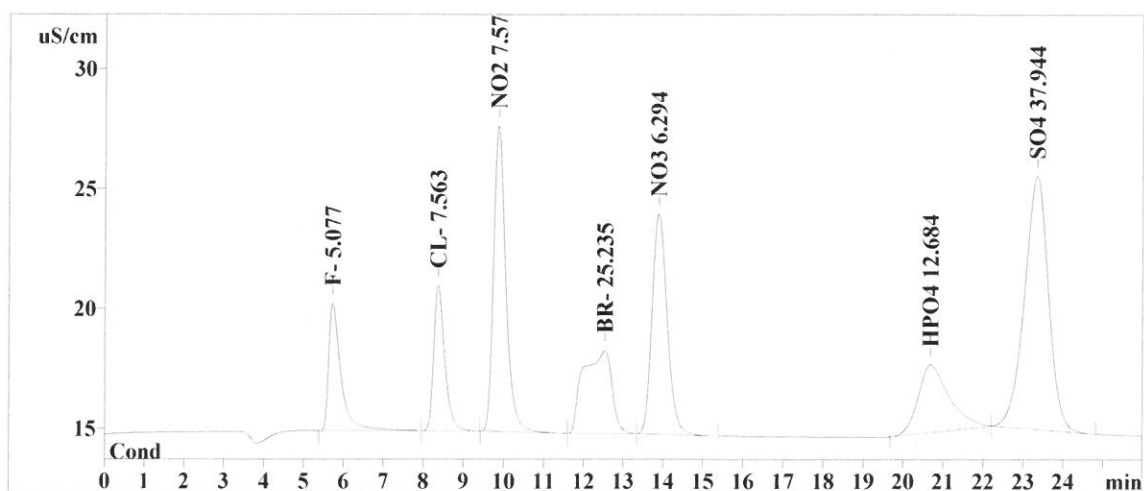
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File: _2017-06-12_

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.

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Report date: 6/12/2017 4:51:17 PM
Printed by: wet

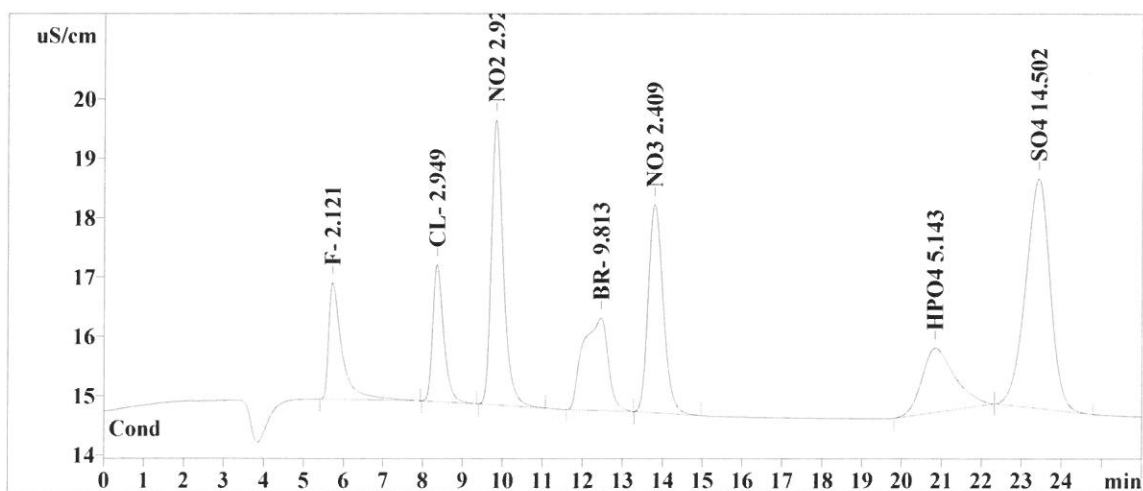
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Last save: 6/12/2017 4:34:28 PM

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.

This report has been created by IC Net
METROHM LTD

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

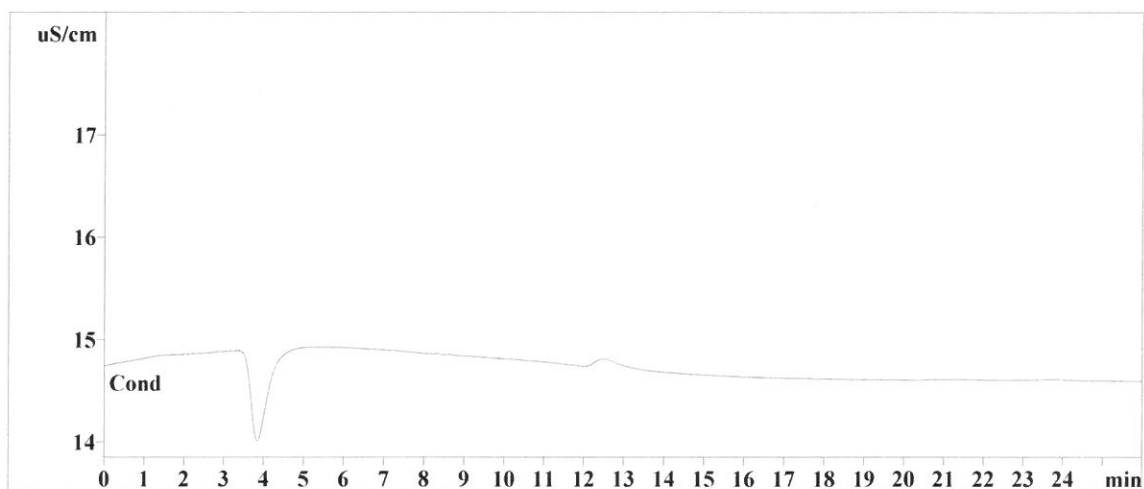
Ident: ICB
Analysis from: 6/12/2017 4:31:20 PM
File: _2017-06-12_

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: 6/22/2017 10:53:26 AM
Printed by: wet

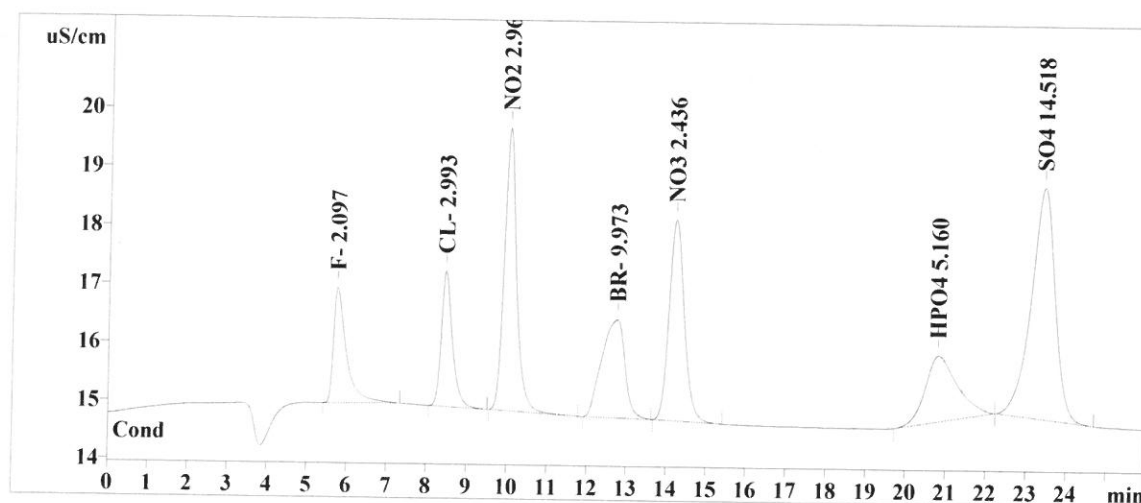
Ident: CCV
Analysis from: 6/21/2017 12:29:02 PM
File: _2017-06-21_

Last save: 6/21/2017 12:54:52 PM

Method: ANIONS 06-12-17.mtw
Run operator: wet
Analysis number: 58098

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	5.75	0.312	1.97	10.19	44.787	7.74	0.
2	8.46	0.286	2.31	11.99	45.112	7.79	0.
3	10.00	0.309	4.83	25.01	102.783	17.75	0.
4	12.75	0.658	1.68	8.70	68.040	11.75	0.
5	14.20	0.406	3.43	17.78	91.701	15.84	0.
6	20.80	0.823	1.13	5.85	62.445	10.79	0.
7	23.40	0.615	3.95	20.47	164.117	28.35	0.
7	26.00	0.487	19.30	99.99	578.983	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/22/2017 10:53:33 AM
Printed by: wet

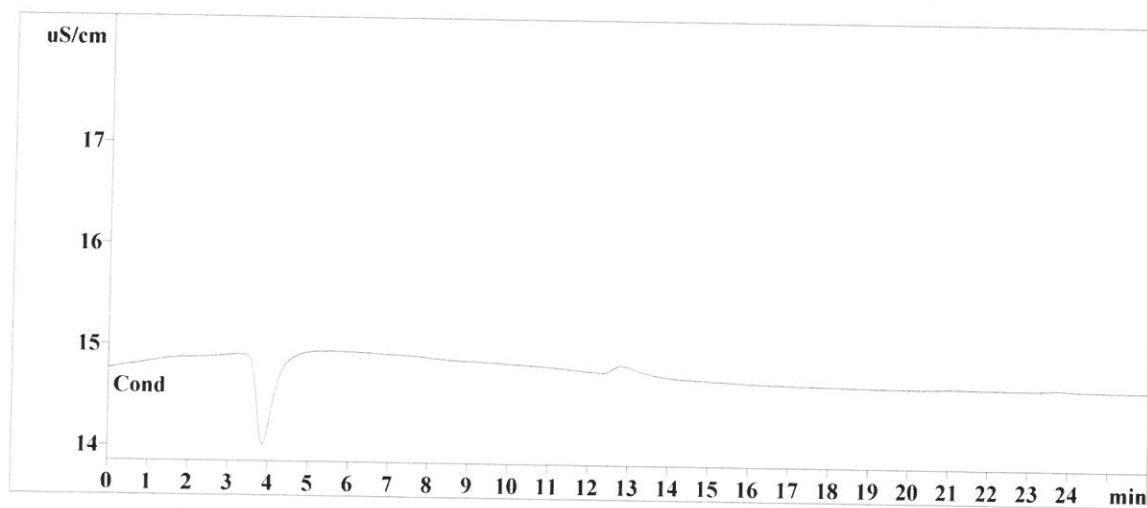
Ident: CCB
Analysis from: 6/21/2017 12:59:38 PM
File: _2017-06-21_

Last save: 6/22/2017 10:52:00 AM

Method: ANIONS 06-12-17.mtw
Run operator: wet
Analysis number: 58099

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

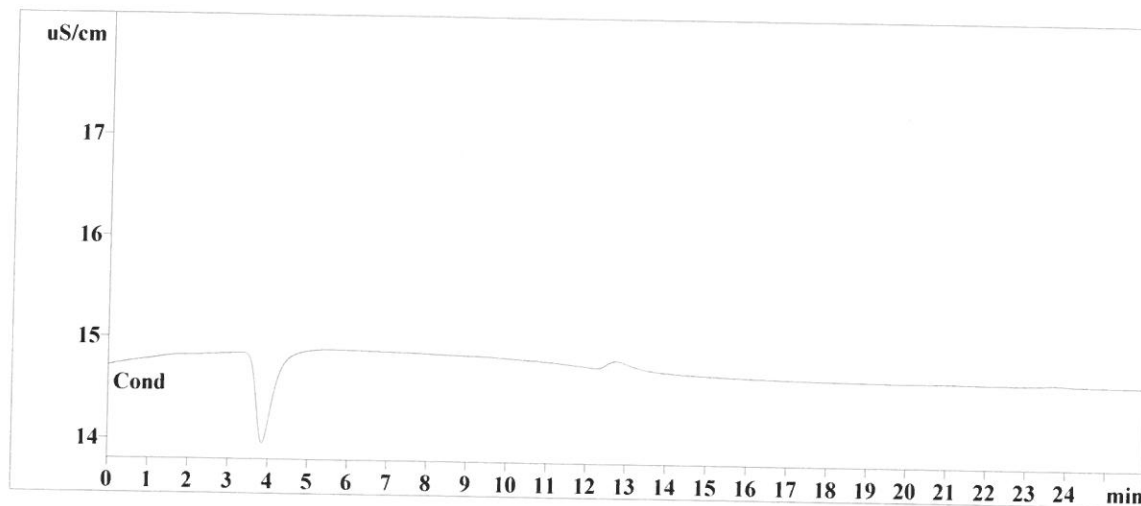
Report date: 6/22/2017 3:30:09 PM
Printed by: wet

Ident: LB88266BLW
Analysis from: 6/21/2017 1:28:33 PM
File: _2017-06-21_

Last save: 6/22/2017 3:30:02 PM

Method: ANIONS 06-12-17.mtw
Run operator: wet
Analysis number: 58100

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 6/22/2017 3:24:27 PM
Printed by: wet

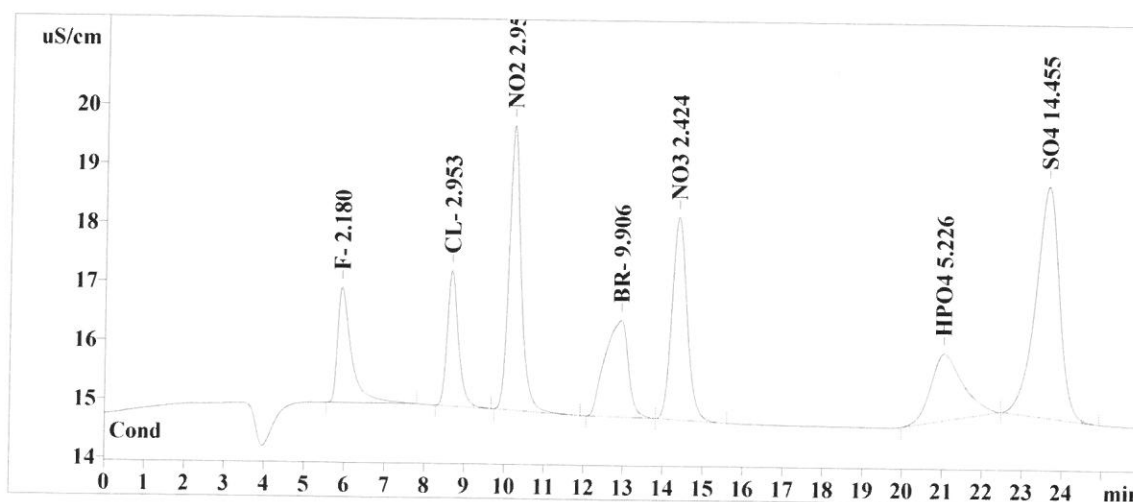
Ident: LB88266BSW
Analysis from: 6/21/2017 1:57:29 PM
File: _2017-06-21_

Last save: 6/22/2017 10:54:34 AM

Method: ANIONS 06-12-17.mtw
Run operator: wet
Analysis number: 58101

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	5.91	0.321	1.95	10.16	46.712	8.07	0.
2	8.66	0.285	2.30	11.94	44.488	7.68	0.
3	10.19	0.308	4.83	25.11	102.333	17.68	0.
4	12.92	0.685	1.64	8.55	67.585	11.67	0.
5	14.35	0.404	3.44	17.88	91.220	15.76	0.
6	21.02	0.829	1.14	5.92	63.235	10.92	0.
7	23.62	0.619	3.93	20.43	163.360	28.22	0.
7	26.00	0.493	19.22	99.99	578.932	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/22/2017 3:25:30 PM
 Printed by: wet

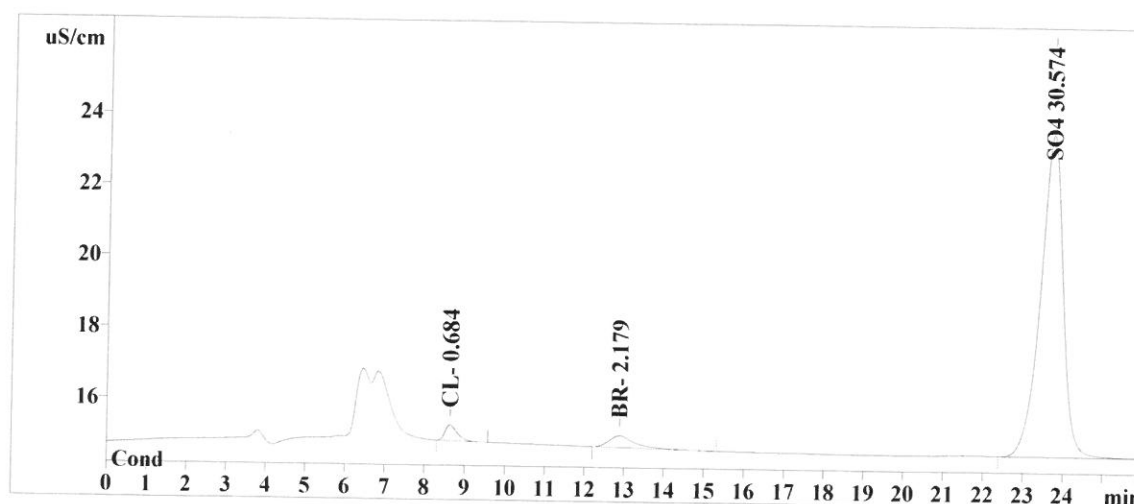
Ident: I3832-02
 Analysis from: 6/21/2017 2:30:59 PM
 File: _2017-06-21_

Last save: 6/22/2017 3:25:30 PM

Method: ANIONS 06-12-17.mtw
 Run operator: wet
 Analysis number: 58102

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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.63	0.316	0.44	4.49	9.216	2.42	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	12.89	0.643	0.33	3.41	15.540	4.09	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	23.68	0.582	9.04	92.11	355.312	93.49	0.
7	26.00	0.220	9.81	100.00	380.068	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/22/2017 3:25:45 PM
Printed by: wet

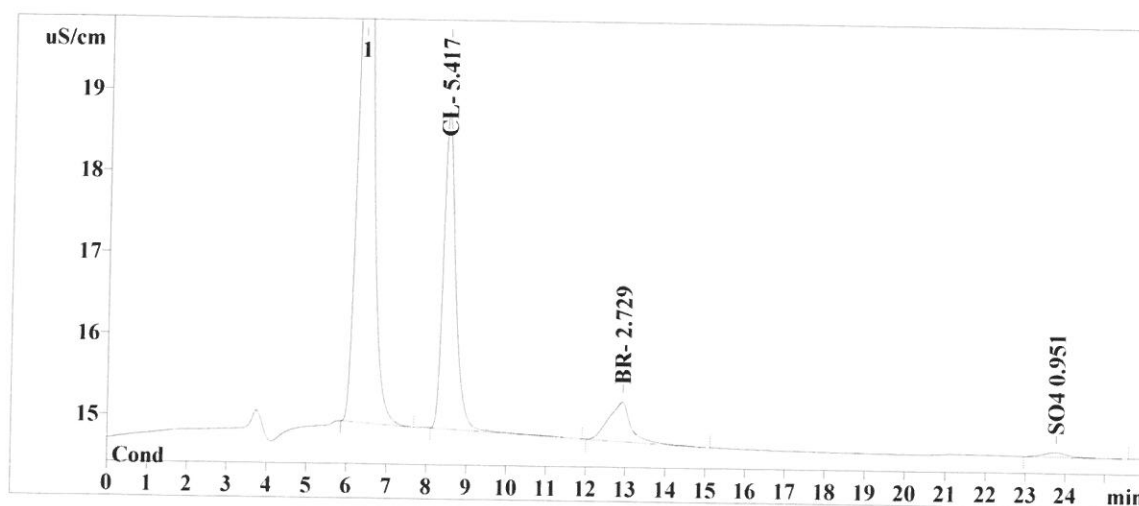
Ident: I3832-03
Analysis from: 6/21/2017 2:59:55 PM
File: _2017-06-21_

Last save: 6/21/2017 3:25:44 PM

Method: ANIONS 06-12-17.mtw
Run operator: wet
Analysis number: 58103

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

SAMPLE:
: AP/AK
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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.47	0.308	3.90	31.94	82.795	27.57	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	12.91	0.568	0.49	4.01	19.243	6.41	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	23.76	0.606	0.06	0.48	2.552	0.85	0.
7	26.00	0.212	4.45	36.43	104.590	34.83	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/22/2017 3:25:53 PM
Printed by: wet

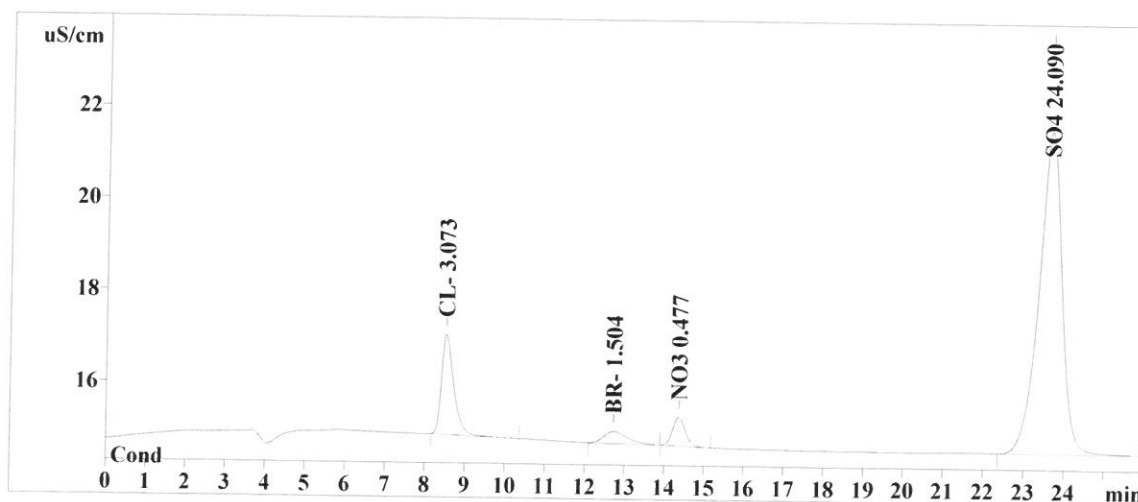
Ident: I3832-06
Analysis from: 6/21/2017 3:28:51 PM
File: _2017-06-21_

Last save: 6/21/2017 3:54:40 PM

Method: ANIONS 06-12-17.mtw
Run operator: wet
Analysis number: 58104

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

SAMPLE:
:
Vial number: 13
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.52	0.314	2.17	21.54	46.356	13.26	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	12.73	0.625	0.27	2.63	10.994	3.15	0.
5	14.36	0.342	0.63	6.20	14.011	4.01	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	23.63	0.585	7.02	69.61	278.103	79.58	0.
7	26.00	0.267	10.08	99.99	349.464	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/22/2017 3:26:21 PM
Printed by: wet

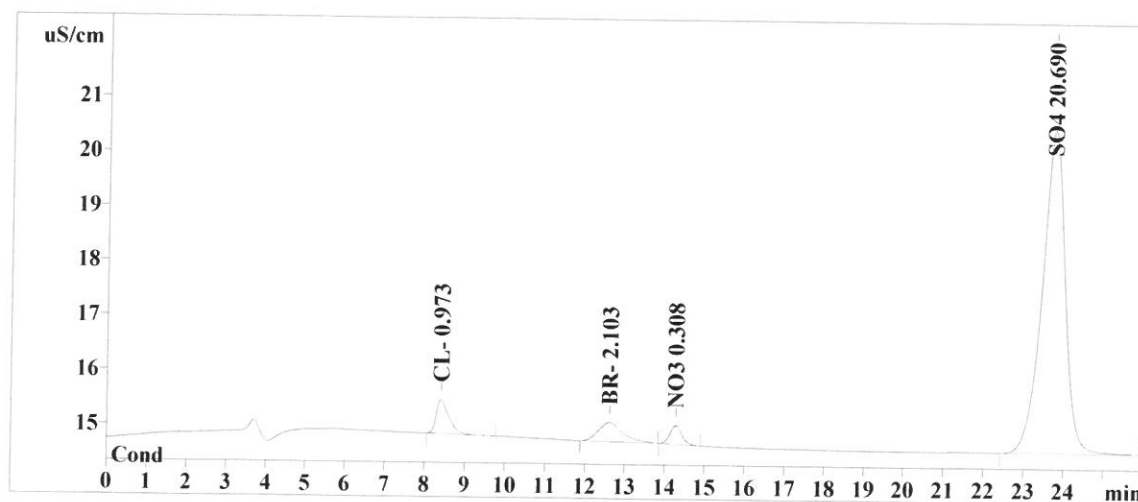
Ident: I3832-07
Analysis from: 6/21/2017 3:57:46 PM
File: _2017-06-21_

Last save: 6/22/2017 3:26:22 PM

Method: ANIONS 06-12-17.mtw
Run operator: wet
Analysis number: 58105

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

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.41	0.327	0.62	8.65	13.717	5.01	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	12.61	0.631	0.35	4.89	15.026	5.49	0.
5	14.28	0.323	0.34	4.75	7.281	2.66	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	23.73	0.597	5.90	81.69	237.615	86.84	0.
7	26.00	0.268	7.22	99.98	273.639	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/22/2017 3:26:32 PM
Printed by: wet

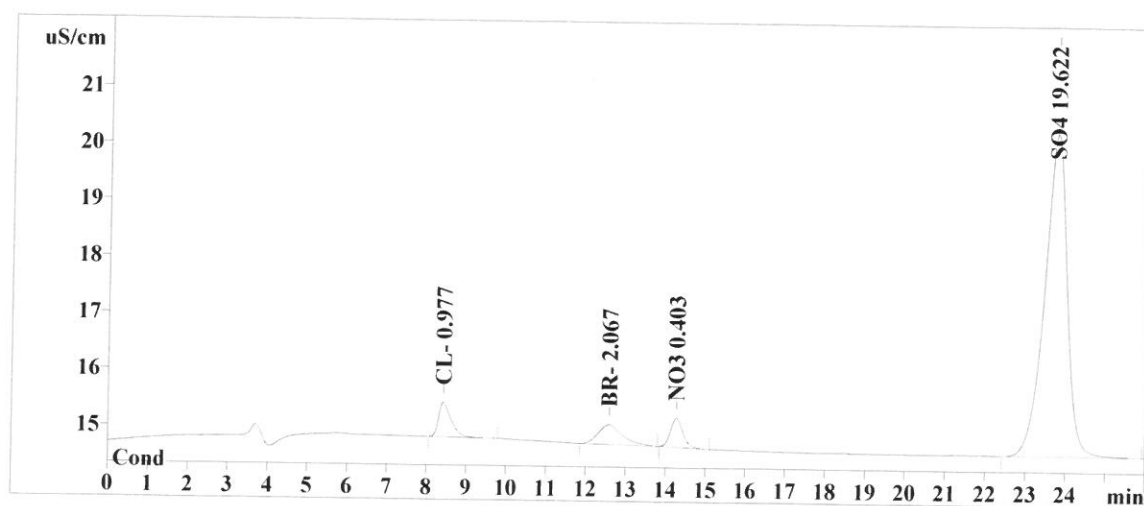
Ident: I3832-08
Analysis from: 6/21/2017 4:26:42 PM
File: _2017-06-21_

Last save: 6/21/2017 4:52:32 PM

Method: ANIONS 06-12-17.mtw
Run operator: wet
Analysis number: 58106

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

SAMPLE:
: AP/AK
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	8.42	0.329	0.61	8.49	13.772	5.21	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	12.58	0.625	0.35	4.89	14.783	5.59	0.
5	14.26	0.326	0.51	7.15	11.055	4.18	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	23.73	0.584	5.71	79.44	224.897	85.03	0.
7	26.00	0.266	7.18	99.97	264.507	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/22/2017 3:26:41 PM
Printed by: wet

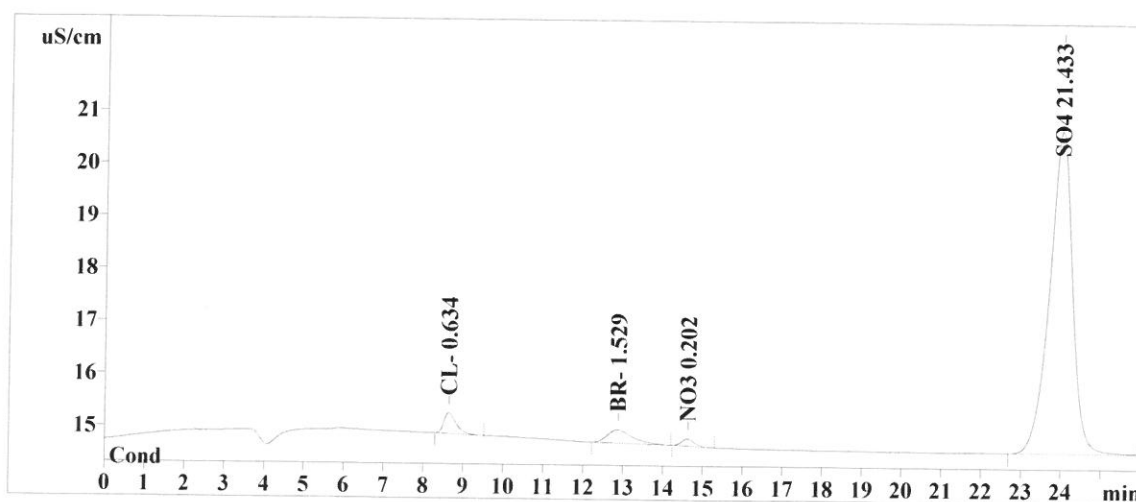
Ident: I3832-09
Analysis from: 6/21/2017 4:55:38 PM
File: _2017-06-21_

Last save: 6/21/2017 5:21:28 PM

Method: ANIONS 06-12-17.mtw
Run operator: wet
Analysis number: 58107

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

SAMPLE:
:
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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.63	0.318	0.40	5.71	8.445	3.14	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	12.86	0.655	0.25	3.67	11.162	4.15	0.
5	14.63	0.345	0.14	1.99	3.089	1.15	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	23.98	0.595	6.14	88.59	246.453	91.57	0.
7	26.00	0.273	6.93	99.97	269.148	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/22/2017 3:27:16 PM
 Printed by: wet

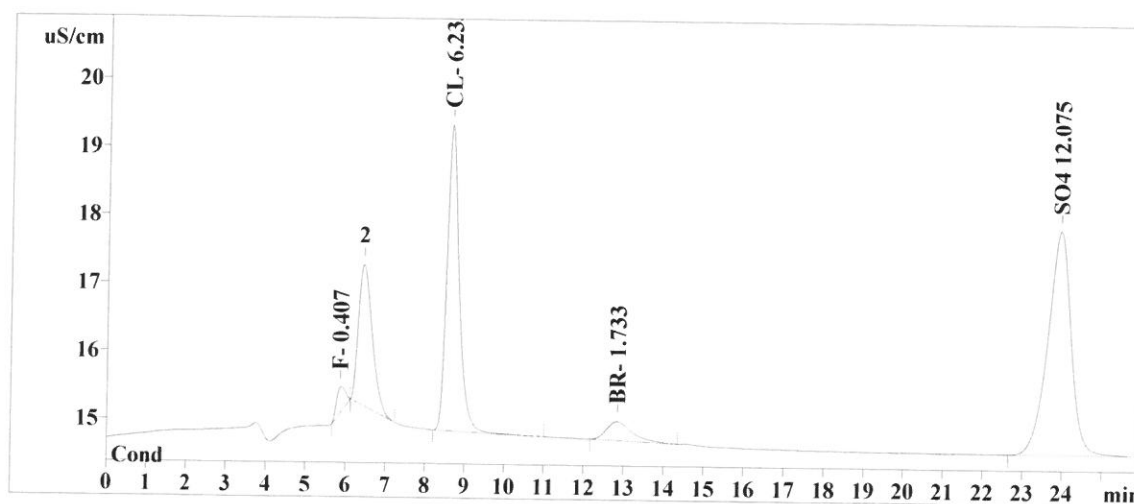
Ident: I3832-10
 Analysis from: 6/21/2017 5:24:33 PM
 File: _2017-06-21_

Last save: 6/21/2017 5:50:22 PM

Method: ANIONS 06-12-17.mtw
 Run operator: wet
 Analysis number: 58108

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

SAMPLE:
 : AP/AK
 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	5.85	0.244	0.37	3.55	5.384	1.80	0.
2	8.62	0.312	4.49	42.76	95.487	32.00	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	12.83	0.657	0.28	2.68	12.534	4.20	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	23.93	0.611	3.28	31.31	135.021	45.26	0.
7	26.00	0.261	8.42	80.29	248.426	83.27	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/22/2017 3:27:24 PM
Printed by: wet

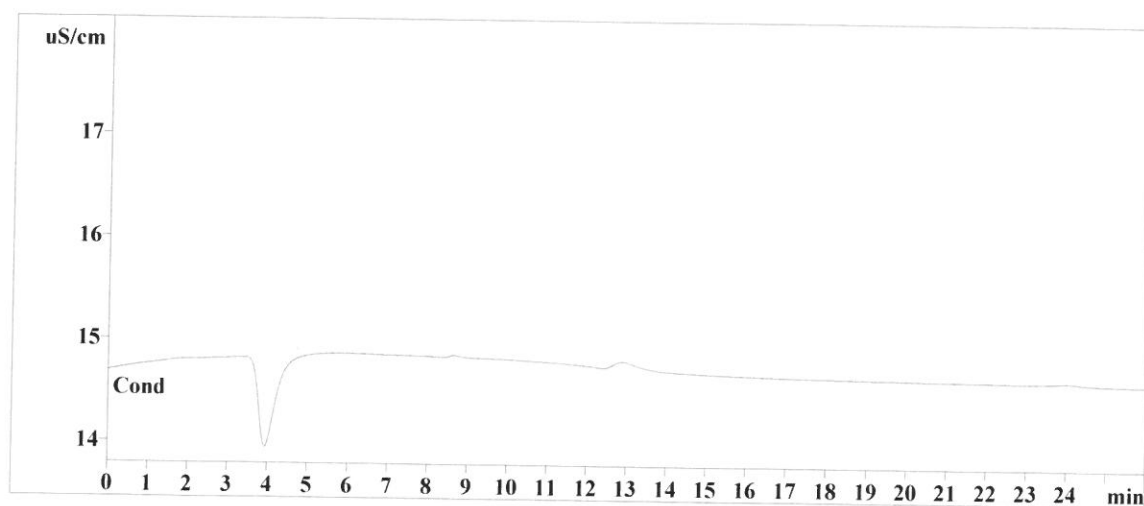
Ident: I3833-01
Analysis from: 6/21/2017 5:53:29 PM
File: _2017-06-21_

Last save: 6/21/2017 6:19:18 PM

Method: ANIONS 06-12-17.mtw
Run operator: wet
Analysis number: 58109

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

SAMPLE:
: AP/AK
Vial number: 18
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: 6/22/2017 3:27:33 PM
 Printed by: wet

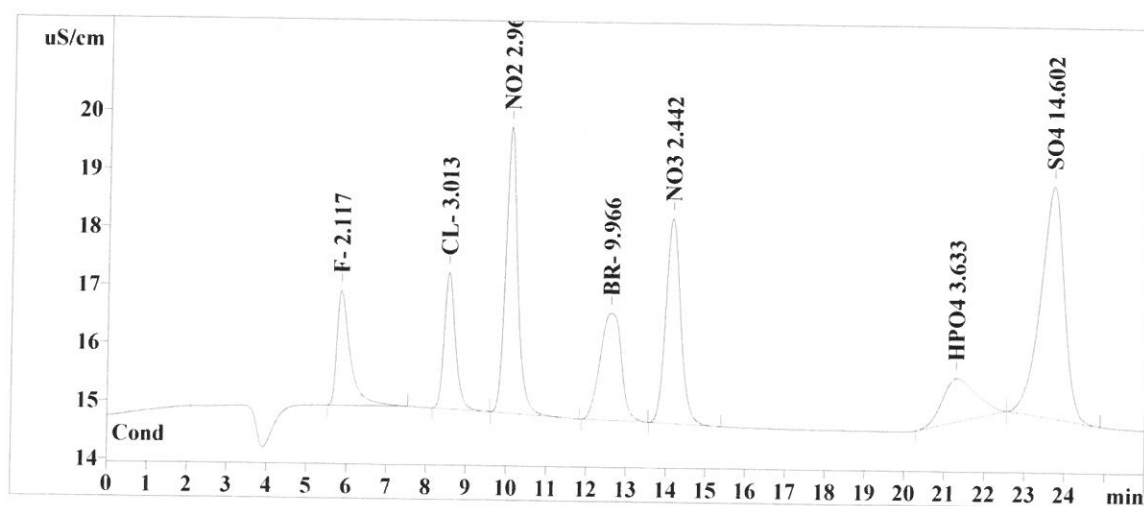
Ident: CCV
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 File: _2017-06-21_

Last save: 6/21/2017 6:48:14 PM

Method: ANIONS 06-12-17.mtw
 Run operator: wet
 Analysis number: 58110

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	5.84	0.314	1.97	10.19	45.252	8.04	0.
2	8.53	0.286	2.35	12.13	45.432	8.07	0.
3	10.05	0.304	4.92	25.44	102.779	18.26	0.
4	12.59	0.580	1.84	9.52	67.987	12.08	0.
5	14.11	0.397	3.52	18.20	91.928	16.34	0.
6	21.27	0.930	0.75	3.89	44.236	7.86	0.
7	23.67	0.619	3.99	20.62	165.109	29.34	0.
7	26.00	0.490	19.33	99.98	562.724	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/22/2017 3:27:40 PM
Printed by: wet

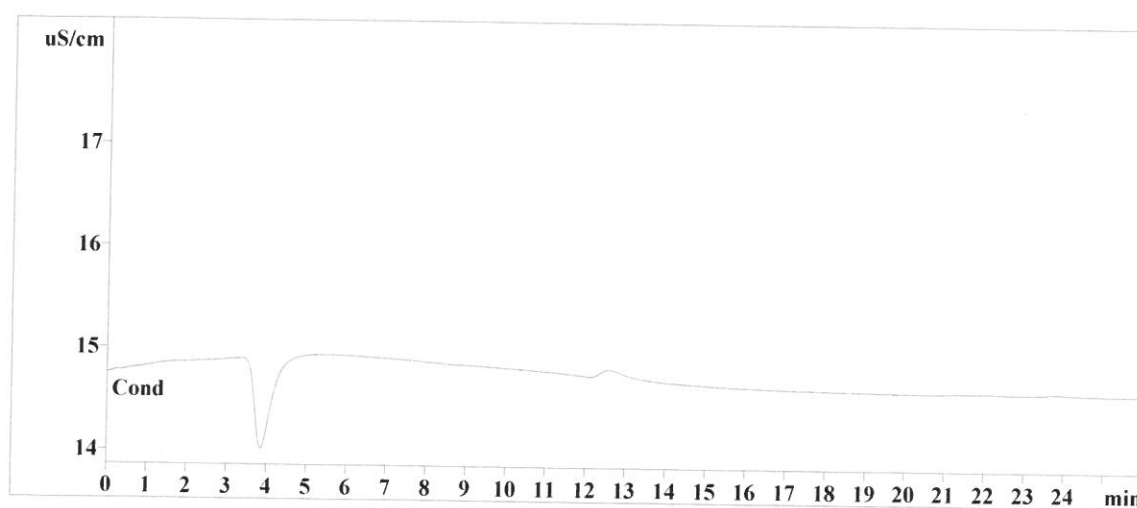
Ident: CCB
Analysis from: 6/21/2017 6:51:20 PM
File: _2017-06-21_

Last save: 6/22/2017 10:52:00 AM

Method: ANIONS 06-12-17.mtw
Run operator: wet
Analysis number: 58111

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

SAMPLE:
:
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: 6/22/2017 3:27:50 PM
Printed by: wet

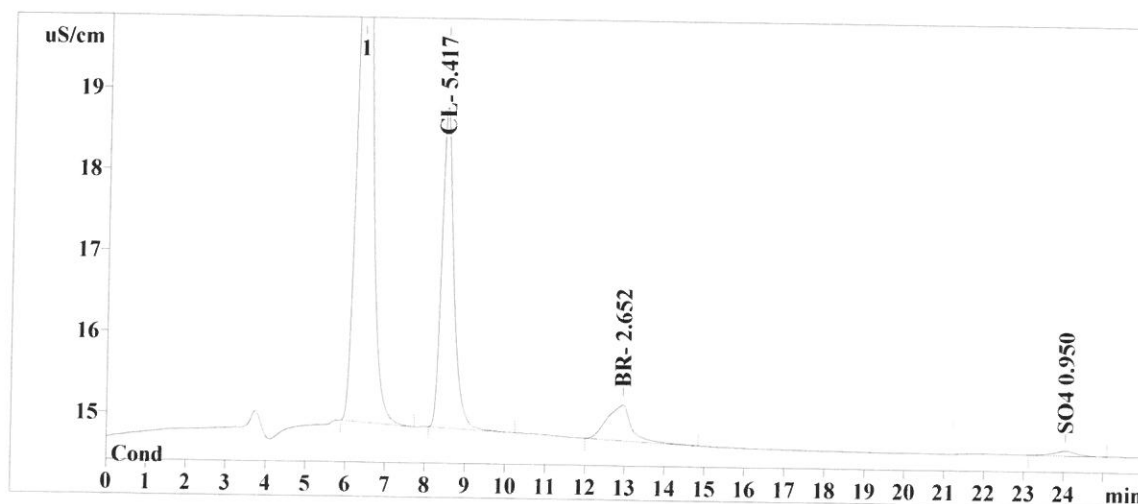
Ident: I3832-03DUP
Analysis from: 6/21/2017 7:20:15 PM
File: _2017-06-21_

Last save: 6/21/2017 7:46:04 PM

Method: ANIONS 06-12-17.mtw
Run operator: wet
Analysis number: 58112

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

SAMPLE:
: AP/AK
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	8.46	0.305	3.95	32.26	82.804	27.53	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	12.94	0.627	0.44	3.61	18.728	6.23	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	24.05	0.615	0.06	0.48	2.541	0.84	0.
7	26.00	0.221	4.45	36.36	104.073	34.61	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/22/2017 3:28:01 PM
Printed by: wet

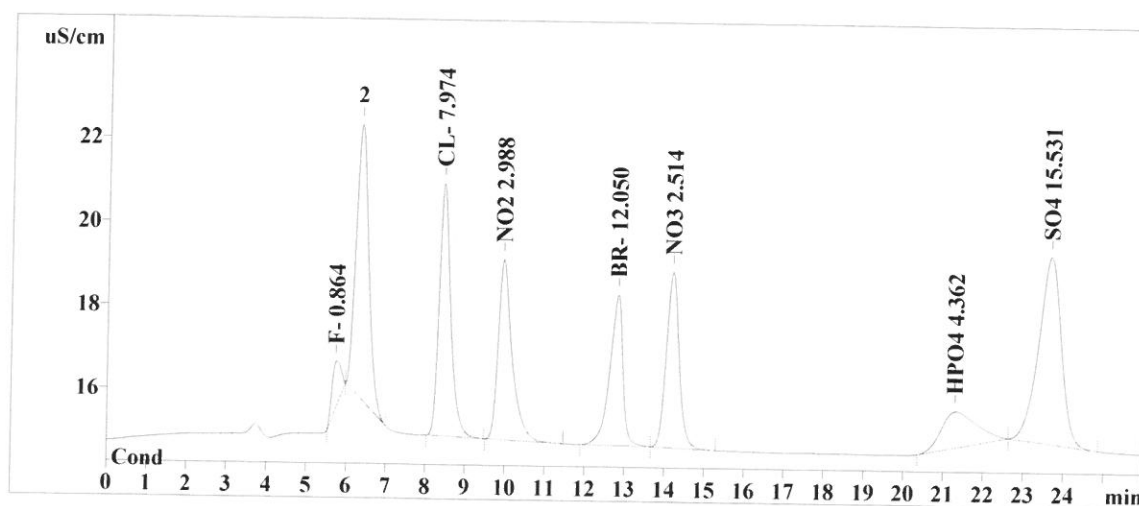
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Analysis from: 6/21/2017 7:49:11 PM
File: _2017-06-21_

Last save: 6/21/2017 8:15:00 PM

Method: ANIONS 06-12-17.mtw
Run operator: wet
Analysis number: 58113

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

SAMPLE:
: AP/AK
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	0.245	1.11	3.56	16.048	2.02	0.
2	8.41	0.299	6.03	19.39	122.542	15.40	0.
3	9.93	0.341	4.30	13.83	103.446	13.00	0.
4	12.80	0.330	3.60	11.58	82.024	10.31	0.
5	14.17	0.342	4.20	13.49	94.801	11.91	0.
6	21.28	0.963	0.87	2.80	52.929	6.65	0.
7	23.65	0.597	4.47	14.37	176.171	22.13	0.
7	26.00	0.445	24.59	79.03	647.961	81.41	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/22/2017 3:28:24 PM
 Printed by: wet

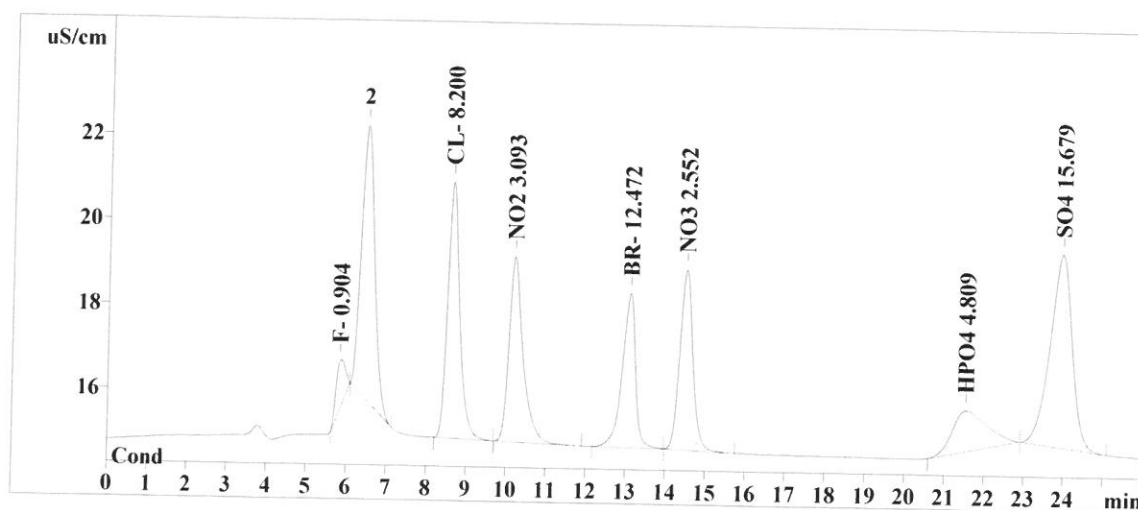
Ident: I3832-05MSD
 Analysis from: 6/21/2017 8:18:06 PM
 File: _2017-06-21_

Last save: 6/21/2017 8:43:56 PM

Method: ANIONS 06-12-17.mtw
 Run operator: wet
 Analysis number: 58114

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

SAMPLE:
 : AP/AK
 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	5.83	0.251	1.14	3.63	16.960	2.08	0.
2	8.60	0.307	6.04	19.26	126.063	15.43	0.
3	10.17	0.349	4.37	13.91	107.256	13.13	0.
4	13.09	0.343	3.63	11.58	84.872	10.39	0.
5	14.48	0.342	4.25	13.54	96.311	11.79	0.
6	21.52	0.948	0.97	3.08	58.261	7.13	0.
7	23.93	0.590	4.56	14.53	177.932	21.78	0.
7	26.00	0.447	24.96	79.53	667.656	81.73	0.

This report has been created by IC Net
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Report date: 6/22/2017 3:45:11 PM
Printed by: wet

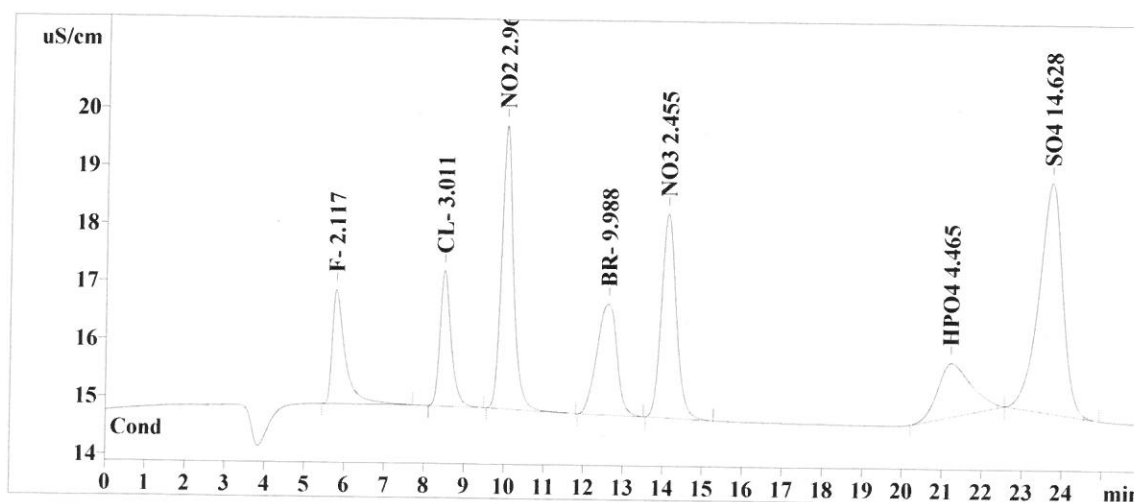
Ident: CCV
Analysis from: 6/21/2017 8:47:02 PM
File: _2017-06-21_

Last save: 6/21/2017 9:12:52 PM

Method: ANIONS 06-12-17.mtw
Run operator: wet
Analysis number: 58115

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	5.77	0.311	1.97	10.08	45.238	7.89	0.
2	8.48	0.284	2.35	11.97	45.392	7.91	0.
3	10.01	0.304	4.90	25.03	102.760	17.92	0.
4	12.60	0.554	1.92	9.79	68.139	11.88	0.
5	14.09	0.397	3.53	18.00	92.438	16.12	0.
6	21.21	0.896	0.93	4.76	54.169	9.44	0.
7	23.70	0.618	3.99	20.36	165.425	28.84	0.
7	26.00	0.481	19.59	99.99	573.559	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/22/2017 3:45:19 PM
Printed by: wet

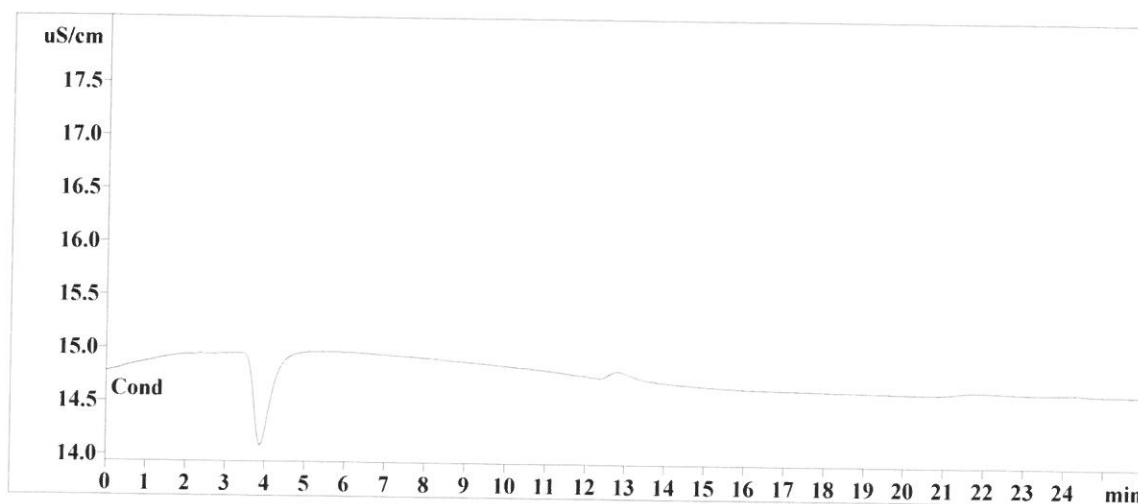
Ident: CCB
Analysis from: 6/21/2017 9:15:57 PM
File: _2017-06-21_

Last save: 6/22/2017 10:52:00 AM

Method: ANIONS 06-12-17.mtw
Run operator: wet
Analysis number: 58116

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

SAMPLE:
:
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: 6/22/2017 3:45:25 PM
Printed by: wet

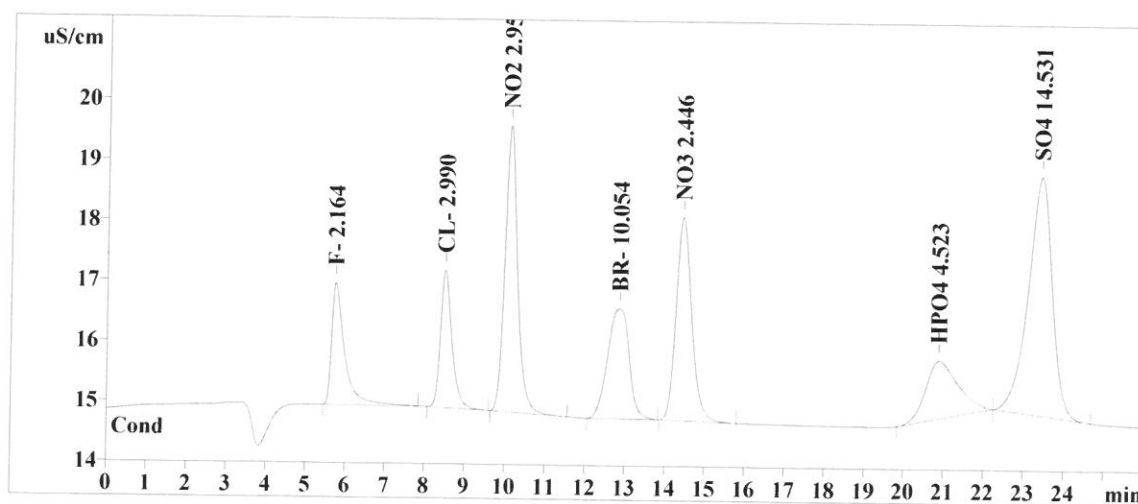
Ident: CCV
Analysis from: 6/22/2017 10:47:56 AM
File: _2017-06-22_

Last save: 6/22/2017 11:13:46 AM

Method: ANIONS 06-12-17.mtw
Run operator: wet
Analysis number: 58122

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	5.74	0.311	2.01	10.53	46.329	8.08	0.
2	8.50	0.291	2.28	11.89	45.062	7.86	0.
3	10.09	0.315	4.74	24.78	102.308	17.84	0.
4	12.84	0.587	1.82	9.52	68.581	11.96	0.
5	14.41	0.414	3.36	17.59	92.097	16.06	0.
6	20.87	0.870	0.96	5.03	54.854	9.56	0.
7	23.40	0.618	3.95	20.66	164.265	28.64	0.
7	26.00	0.487	19.13	99.99	573.495	100.00	0.

This report has been created by IC Net
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Report date: 6/22/2017 3:57:13 PM
Printed by: wet

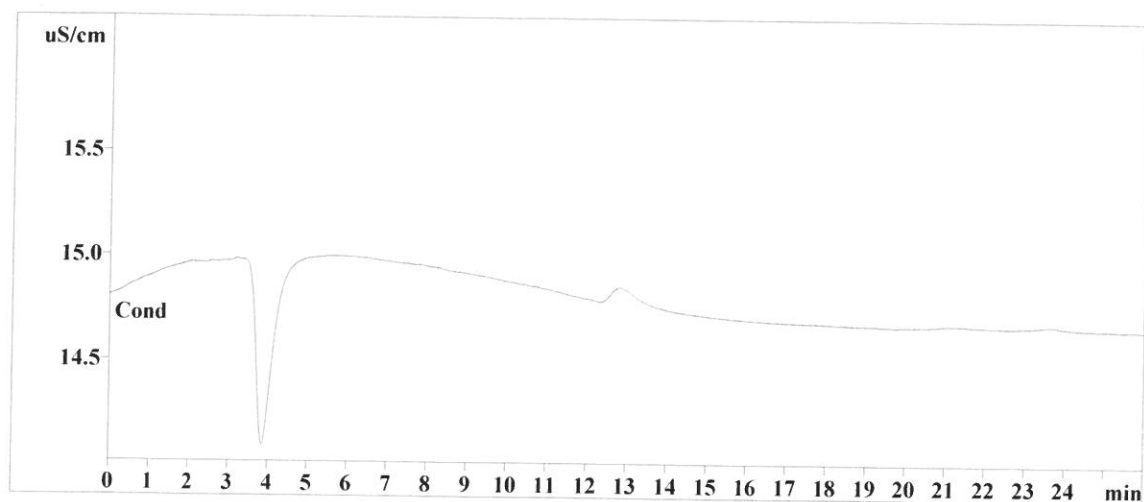
Ident: CCB
Analysis from: 6/22/2017 11:21:07 AM
File: _2017-06-22_

Last save: 6/22/2017 11:46:56 AM

Method: ANIONS 06-12-17.mtw
Run operator: wet
Analysis number: 58123

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

SAMPLE:
:
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: 6/22/2017 3:57:36 PM
Printed by: wet

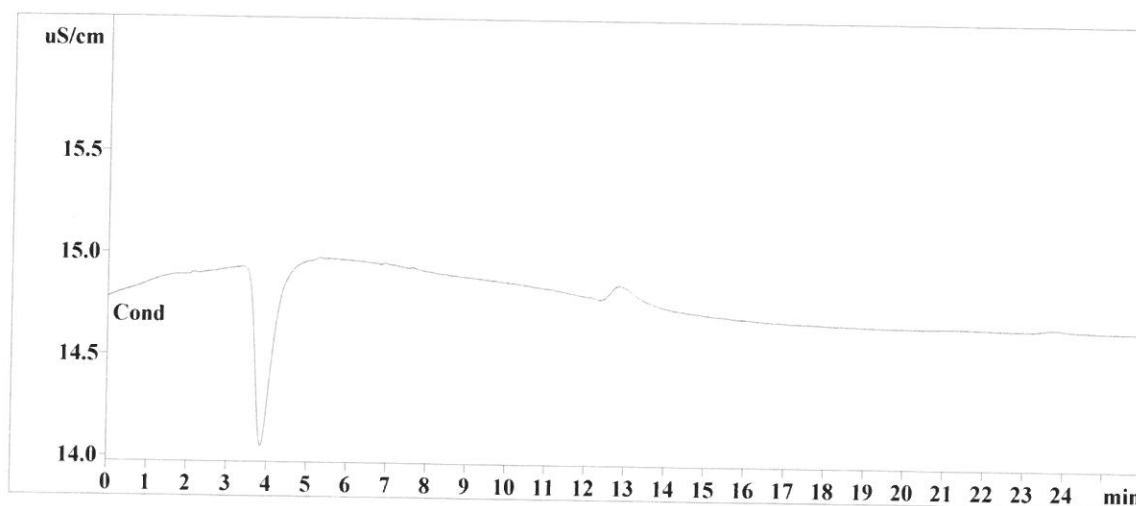
Ident: LB88266BLW
Analysis from: 6/22/2017 11:50:03 AM
File: _2017-06-22_

Last save: 6/22/2017 3:57:32 PM

Method: ANIONS 06-12-17.mtw
Run operator: wet
Analysis number: 58124

Last save: 6/14/2017 10:48:22 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: 6/22/2017 3:57:47 PM
Printed by: wet

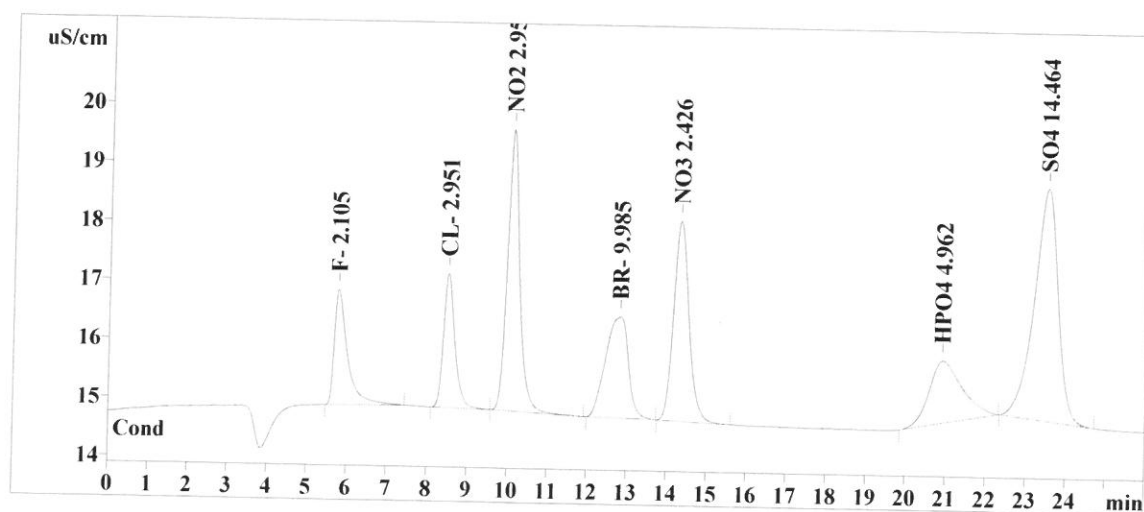
Ident: LB88266BSW
Analysis from: 6/22/2017 12:18:58 PM
File: _2017-06-22_

Last save: 6/22/2017 12:44:48 PM

Method: ANIONS 06-12-17.mtw
Run operator: wet
Analysis number: 58125

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	5.77	0.313	1.96	10.24	44.970	7.82	0.
2	8.49	0.287	2.28	11.90	44.468	7.74	0.
3	10.06	0.310	4.78	24.98	102.301	17.80	0.
4	12.80	0.628	1.71	8.97	68.115	11.85	0.
5	14.29	0.407	3.39	17.75	91.314	15.89	0.
6	20.90	0.858	1.06	5.53	60.092	10.46	0.
7	23.48	0.616	3.94	20.61	163.473	28.44	0.
7	26.00	0.489	19.11	99.98	574.733	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/22/2017 3:58:29 PM
 Printed by: wet

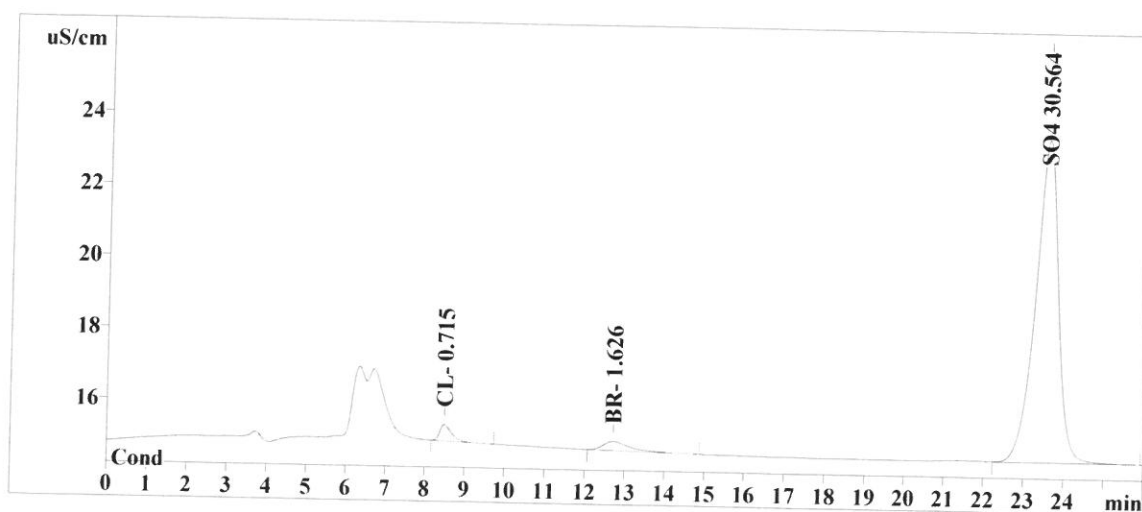
Ident: I3832-02RE
 Analysis from: 6/22/2017 12:47:54 PM
 File: _2017-06-22_

Last save: 6/22/2017 3:58:28 PM

Method: ANIONS 06-12-17.mtw
 Run operator: wet
 Analysis number: 58126

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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.49	0.312	0.46	4.74	9.709	2.58	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	12.72	0.657	0.26	2.63	11.817	3.14	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	0.583	8.99	92.62	355.192	94.29	0.
7	26.00	0.222	9.70	99.99	376.718	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/22/2017 4:54:06 PM
Printed by: wet

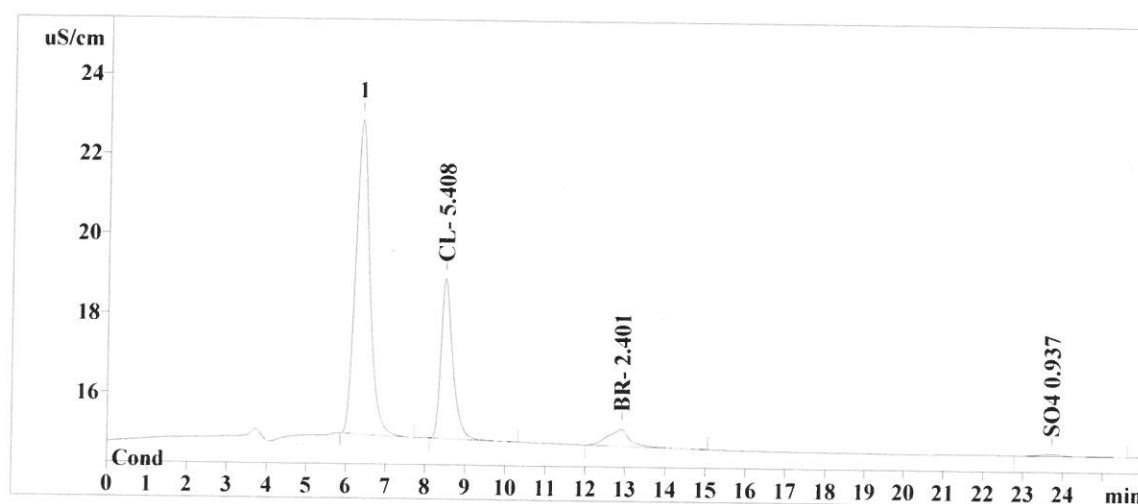
Ident: I3832-03RE
Analysis from: 6/22/2017 1:16:50 PM
File: _2017-06-22_

Last save: 6/22/2017 1:42:40 PM

Method: ANIONS 06-12-17.mtw
Run operator: wet
Analysis number: 58127

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

SAMPLE:
: AP/AK
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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.48	0.303	4.01	32.33	82.660	27.48	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	12.91	0.581	0.43	3.47	17.036	5.66	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	23.71	0.619	0.05	0.44	2.381	0.79	0.
7	26.00	0.215	4.49	36.24	102.077	33.93	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/22/2017 4:54:14 PM
Printed by: wet

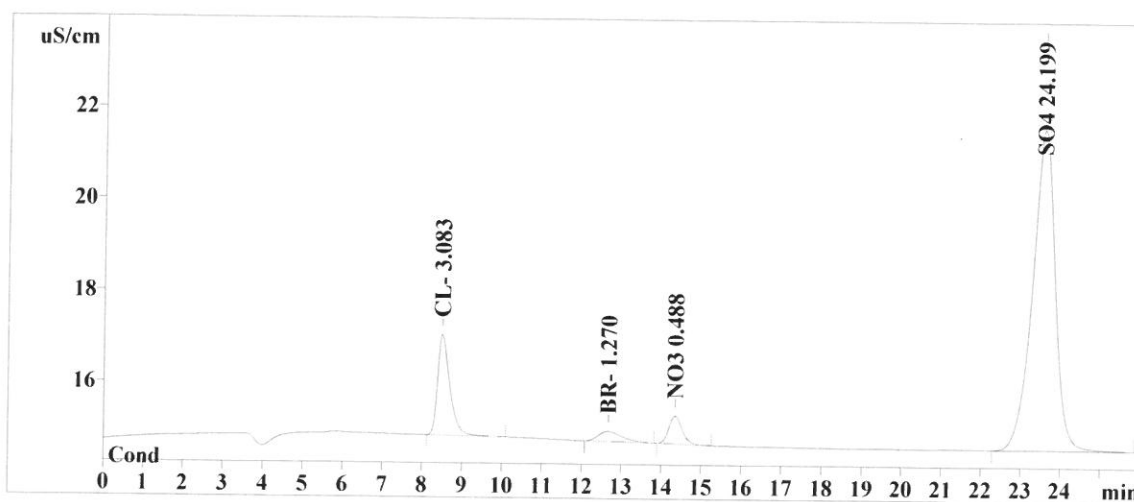
Ident: I3832-06RE
Analysis from: 6/22/2017 1:45:45 PM
File: _2017-06-22_

Last save: 6/22/2017 2:11:36 PM

Method: ANIONS 06-12-17.mtw
Run operator: wet
Analysis number: 58128

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

SAMPLE:
: AP/AK
Vial number: 13
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.49	0.309	2.19	21.87	46.515	13.30	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	12.67	0.635	0.22	2.23	9.419	2.69	0.
5	14.35	0.360	0.61	6.09	14.438	4.13	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	23.56	0.589	7.00	69.79	279.396	79.88	0.
7	26.00	0.271	10.03	99.99	349.768	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/22/2017 4:54:22 PM
Printed by: wet

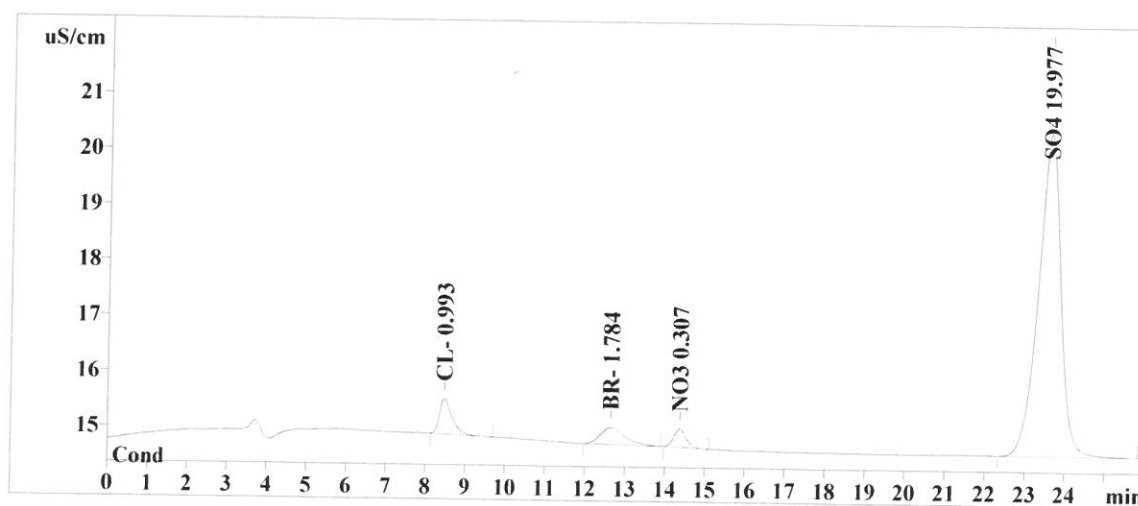
Ident: I3832-07RE
Analysis from: 6/22/2017 2:14:41 PM
File: _2017-06-22_

Last save: 6/22/2017 2:40:30 PM

Method: ANIONS 06-12-17.mtw
Run operator: wet
Analysis number: 58129

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

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.47	0.325	0.64	8.99	14.024	5.33	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	12.64	0.632	0.30	4.29	12.879	4.89	0.
5	14.36	0.334	0.33	4.67	7.266	2.76	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	23.59	0.586	5.81	82.03	229.120	87.02	0.
7	26.00	0.268	7.08	99.98	263.288	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/22/2017 4:54:30 PM
Printed by: wet

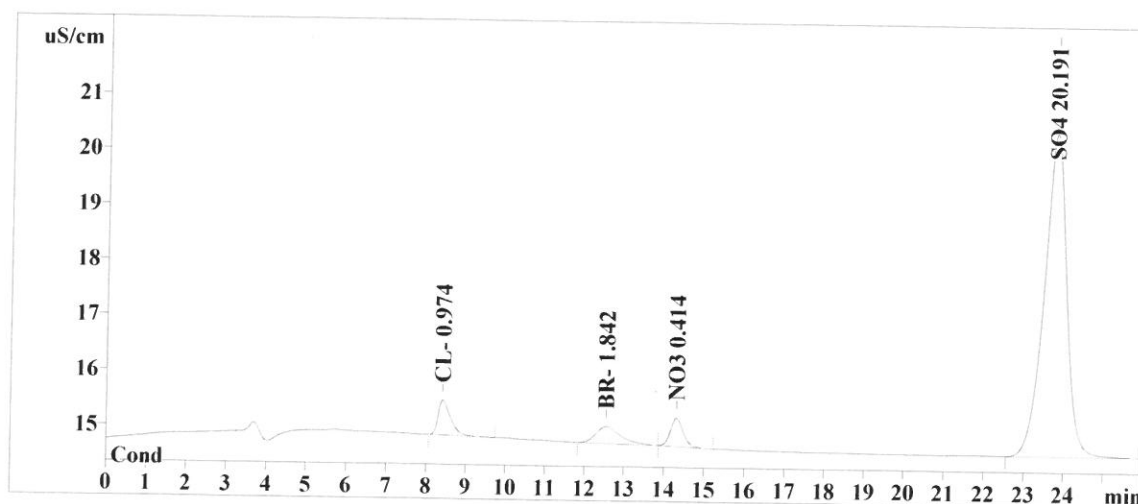
Ident: I3832-08RE
Analysis from: 6/22/2017 2:43:36 PM
File: _2017-06-22_

Last save: 6/22/2017 3:09:26 PM

Method: ANIONS 06-12-17.mtw
Run operator: wet
Analysis number: 58130

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

SAMPLE:
: AP/AK
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	8.41	0.321	0.63	8.70	13.726	5.08	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	12.55	0.643	0.31	4.21	13.272	4.91	0.
5	14.31	0.338	0.51	7.06	11.481	4.25	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	23.76	0.591	5.84	80.01	231.668	85.76	0.
7	26.00	0.270	7.29	99.97	270.147	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/22/2017 4:54:36 PM
Printed by: wet

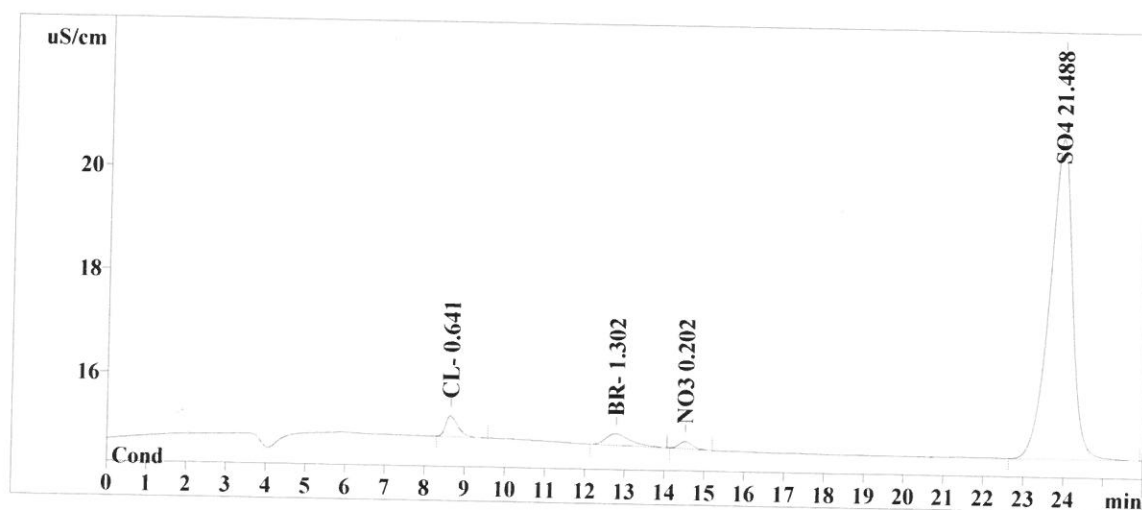
Ident: I3832-09RE
Analysis from: 6/22/2017 3:12:32 PM
File: _2017-06-22_

Last save: 6/22/2017 3:38:22 PM

Method: ANIONS 06-12-17.mtw
Run operator: wet
Analysis number: 58131

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

SAMPLE:
: AP/AK
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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.63	0.317	0.40	5.79	8.554	3.19	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	12.77	0.637	0.23	3.25	9.630	3.59	0.
5	14.52	0.349	0.14	1.97	3.101	1.16	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	23.88	0.592	6.19	88.95	247.118	92.07	0.
7	26.00	0.271	6.96	99.97	268.402	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/22/2017 4:54:53 PM
 Printed by: wet

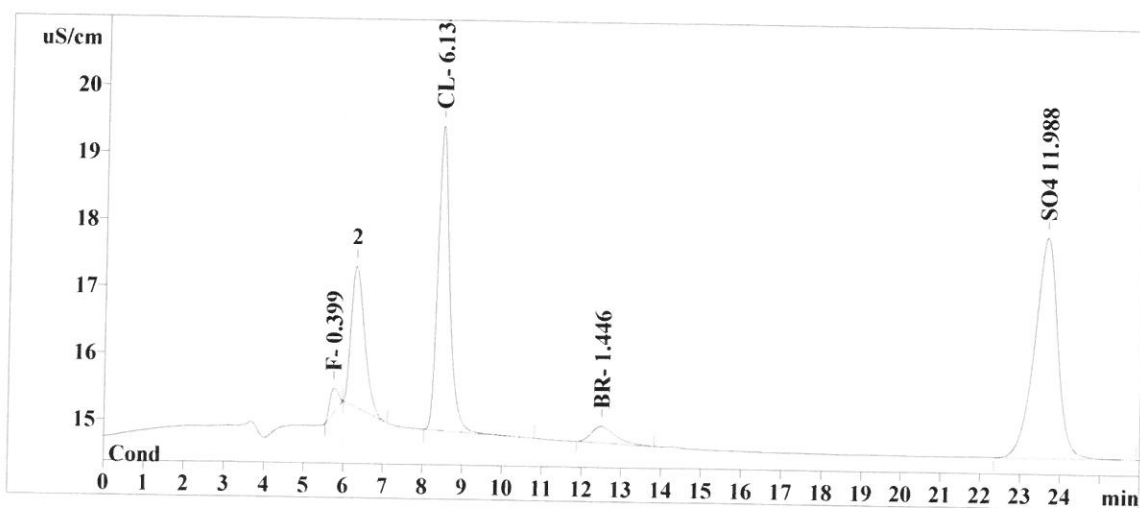
Ident: I3832-10RE
 Analysis from: 6/22/2017 3:41:28 PM
 File: _2017-06-22_

Last save: 6/22/2017 4:07:18 PM

Method: ANIONS 06-12-17.mtw
 Run operator: wet
 Analysis number: 58132

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

SAMPLE:
 : AP/AK
 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	0.234	0.37	3.54	5.193	1.77	0.
2	8.43	0.302	4.54	43.06	93.936	32.00	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	12.48	0.642	0.25	2.34	10.604	3.61	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	23.62	0.603	3.29	31.18	133.990	45.64	0.
7	26.00	0.254	8.45	80.12	243.723	83.02	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/22/2017 4:55:22 PM
Printed by: wet

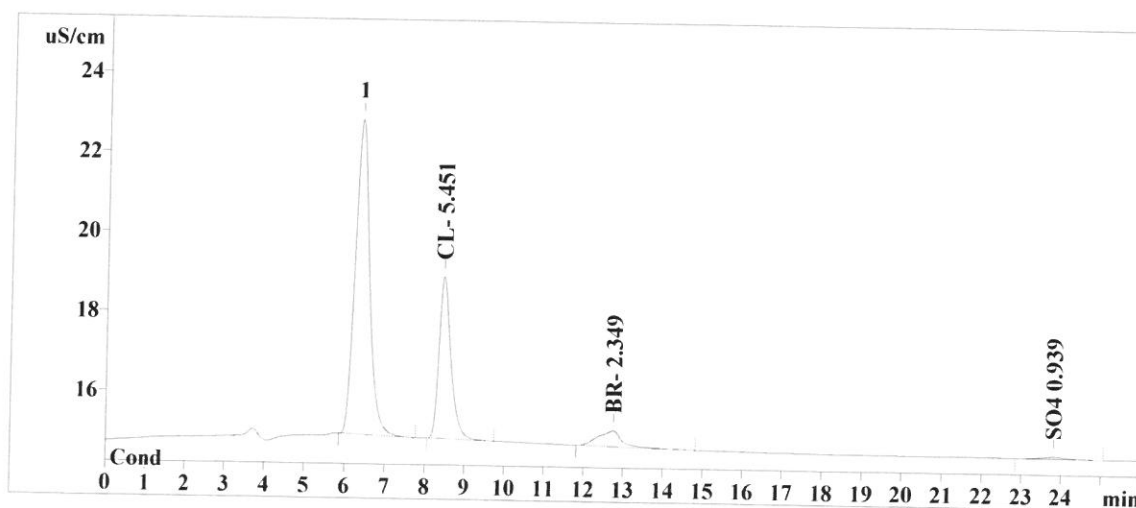
Ident: I3832-03DUPRE
Analysis from: 6/22/2017 4:10:23 PM
File: _2017-06-22_

Last save: 6/22/2017 4:36:12 PM

Method: ANIONS 06-12-17.mtw
Run operator: wet
Analysis number: 58133

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

SAMPLE:
: AP/AK
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	8.44	0.301	4.06	32.70	83.328	27.96	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	12.75	0.632	0.40	3.22	16.685	5.60	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	23.81	0.657	0.05	0.42	2.410	0.81	0.
7	26.00	0.227	4.51	36.34	102.423	34.36	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/23/2017 3:43:42 PM
Printed by: wet

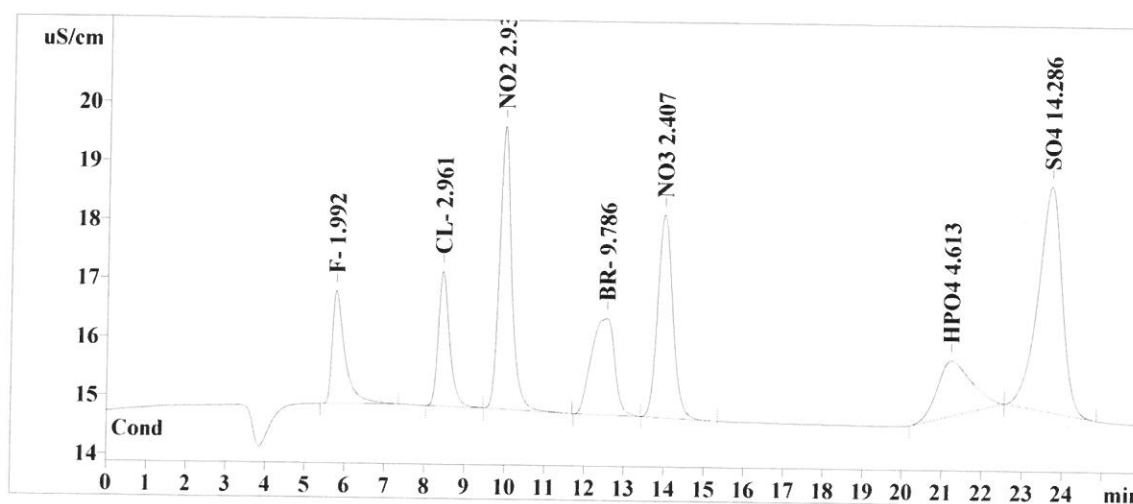
Ident: CCV
Analysis from: 6/22/2017 6:12:04 PM
File: _2017-06-22_

Last save: 6/22/2017 6:37:54 PM

Method: ANIONS 06-12-17.mtw
Run operator: wet
Analysis number: 58137

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	5.77	0.302	1.92	10.17	42.339	7.52	0.
2	8.43	0.285	2.29	12.13	44.618	7.92	0.
3	9.94	0.305	4.81	25.44	101.461	18.02	0.
4	12.54	0.657	1.64	8.69	66.777	11.86	0.
5	13.96	0.399	3.46	18.27	90.552	16.08	0.
6	21.21	0.922	0.95	5.00	55.923	9.93	0.
7	23.68	0.631	3.84	20.29	161.343	28.66	0.
7	26.00	0.500	18.91	99.98	563.012	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/23/2017 3:44:15 PM
Printed by: wet

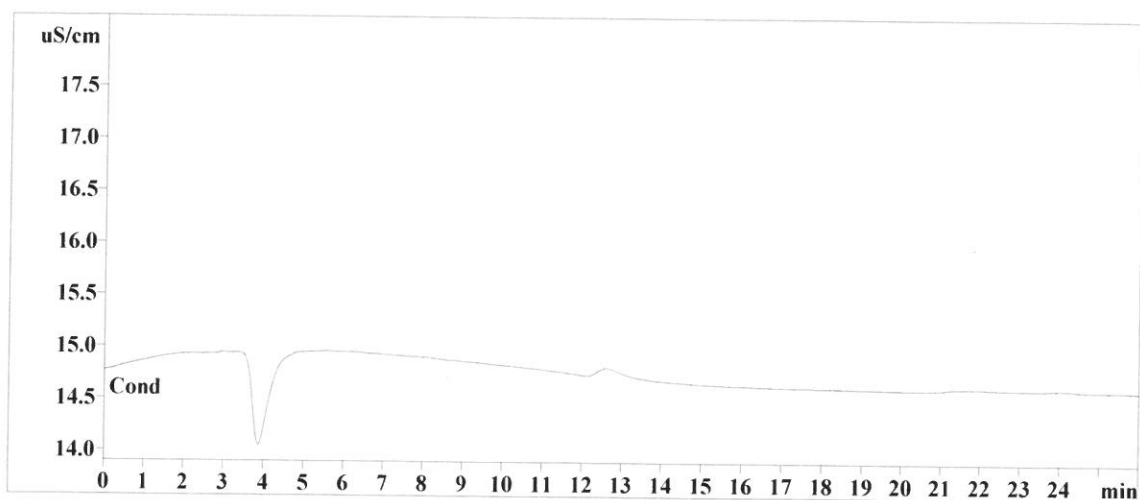
Ident: CCB
Analysis from: 6/22/2017 6:41:25 PM
File: _2017-06-22_

Last save: 6/23/2017 3:44:08 PM

Method: ANIONS 06-12-17.mtw
Run operator: wet
Analysis number: 58138

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: 6/23/2017 3:44:22 PM
Printed by: wet

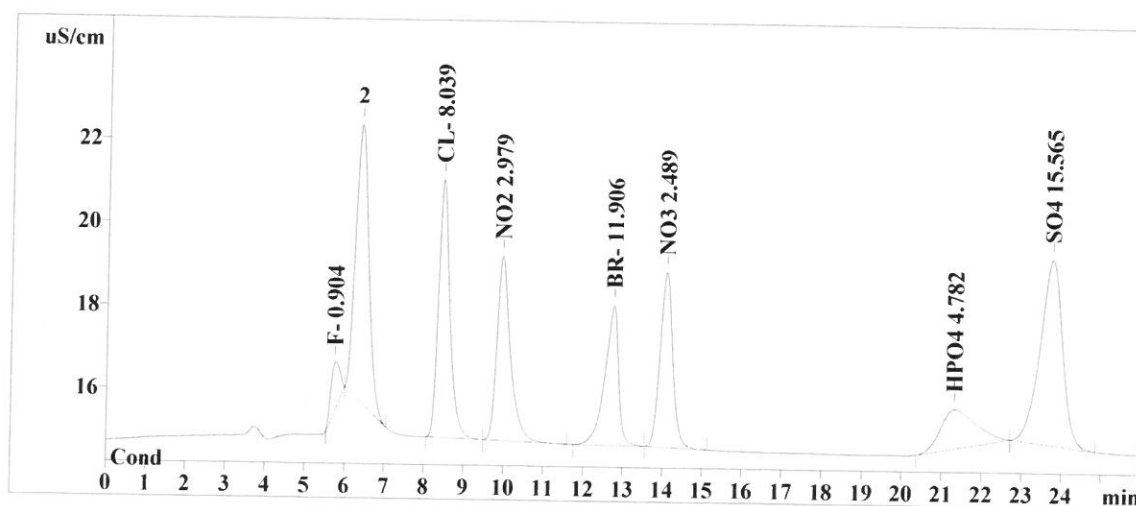
Ident: I3832-04MSRE
Analysis from: 6/22/2017 7:10:20 PM
File: _2017-06-22_

Last save: 6/22/2017 7:36:10 PM

Method: ANIONS 06-12-17.mtw
Run operator: wet
Analysis number: 58139

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

SAMPLE:
: AP/AK
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	5.74	0.247	1.16	3.69	16.960	2.10	0.
2	8.43	0.293	6.20	19.74	123.564	15.33	0.
3	9.93	0.332	4.43	14.10	103.130	12.79	0.
4	12.74	0.350	3.36	10.70	81.056	10.06	0.
5	14.06	0.337	4.21	13.41	93.787	11.63	0.
6	21.30	0.954	0.95	3.03	57.948	7.19	0.
7	23.74	0.600	4.46	14.20	176.575	21.90	0.
7	26.00	0.445	24.77	78.87	653.019	81.01	0.

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Report date: 6/23/2017 3:44:28 PM
Printed by: wet

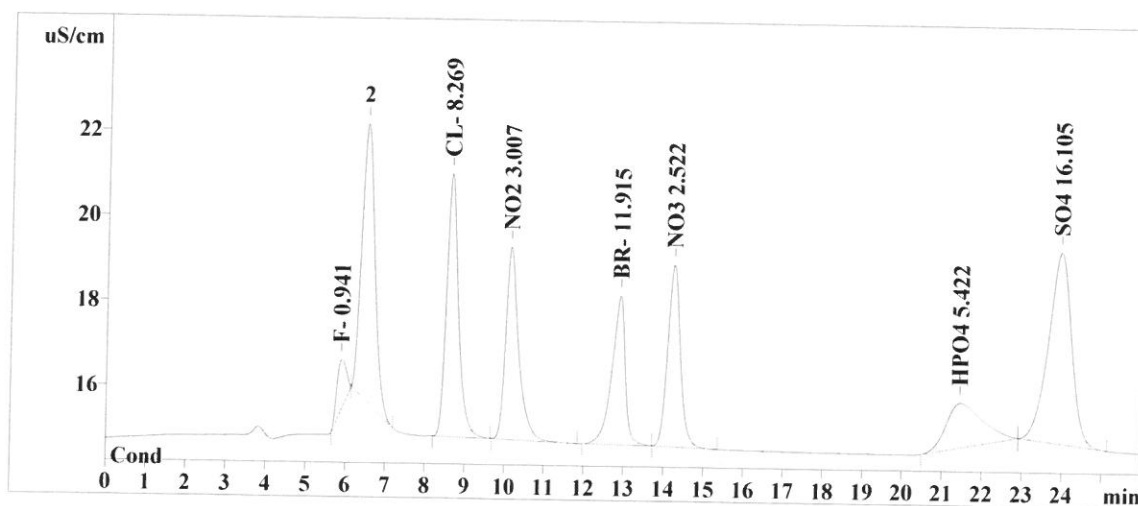
Ident: I3832-05MSDRE
Analysis from: 6/22/2017 7:39:15 PM
File: _2017-06-22_

Last save: 6/22/2017 8:05:06 PM

Method: ANIONS 06-12-17.mtw
Run operator: wet
Analysis number: 58140

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

SAMPLE:
: AP/AK
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	5.86	0.254	1.19	3.75	17.836	2.16	0.
2	8.60	0.303	6.17	19.49	127.136	15.43	0.
3	10.12	0.330	4.52	14.27	104.160	12.64	0.
4	12.89	0.337	3.49	11.02	81.116	9.84	0.
5	14.22	0.337	4.27	13.48	95.123	11.54	0.
6	21.43	0.975	1.05	3.32	65.573	7.96	0.
7	23.94	0.620	4.49	14.19	183.015	22.21	0.
7	26.00	0.451	25.17	79.52	673.959	81.79	0.

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Report date: 6/23/2017 3:44:35 PM
Printed by: wet

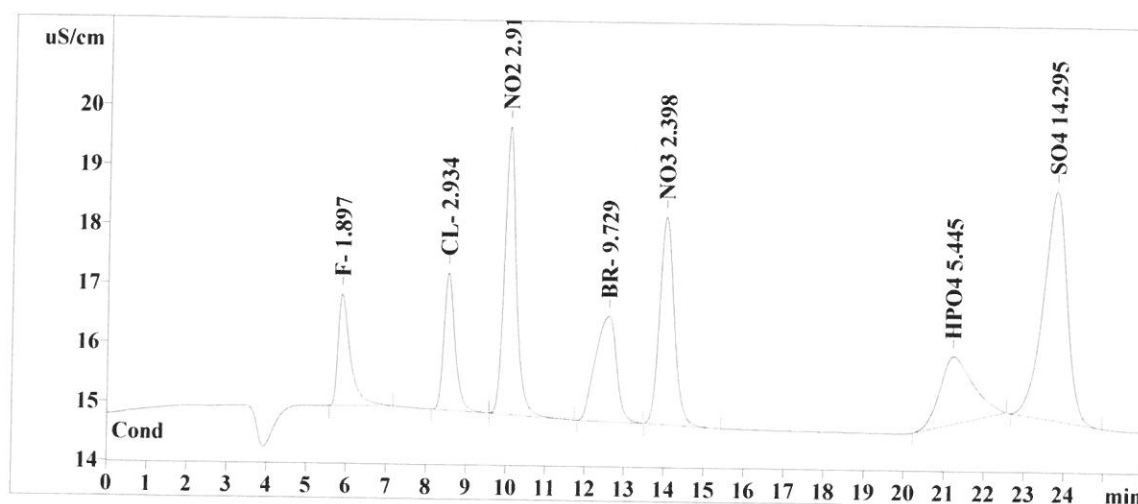
Ident: CCV
Analysis from: 6/22/2017 8:08:11 PM
File: _2017-06-22_

Last save: 6/23/2017 8:13:46 AM

Method: ANIONS 06-12-17.mtw
Run operator: wet
Analysis number: 58141

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

SAMPLE:
:
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	0.299	1.88	9.72	40.109	7.05	0.
2	8.53	0.281	2.31	11.95	44.204	7.77	0.
3	10.03	0.302	4.84	25.08	100.889	17.73	0.
4	12.58	0.605	1.78	9.20	66.393	11.67	0.
5	14.01	0.391	3.49	18.10	90.194	15.85	0.
6	21.21	0.882	1.14	5.92	65.852	11.57	0.
7	23.77	0.629	3.86	20.00	161.458	28.37	0.
7	26.00	0.484	19.30	99.98	569.099	100.00	0.

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METROHM LTD

Report date: 6/23/2017 3:44:42 PM
Printed by: wet

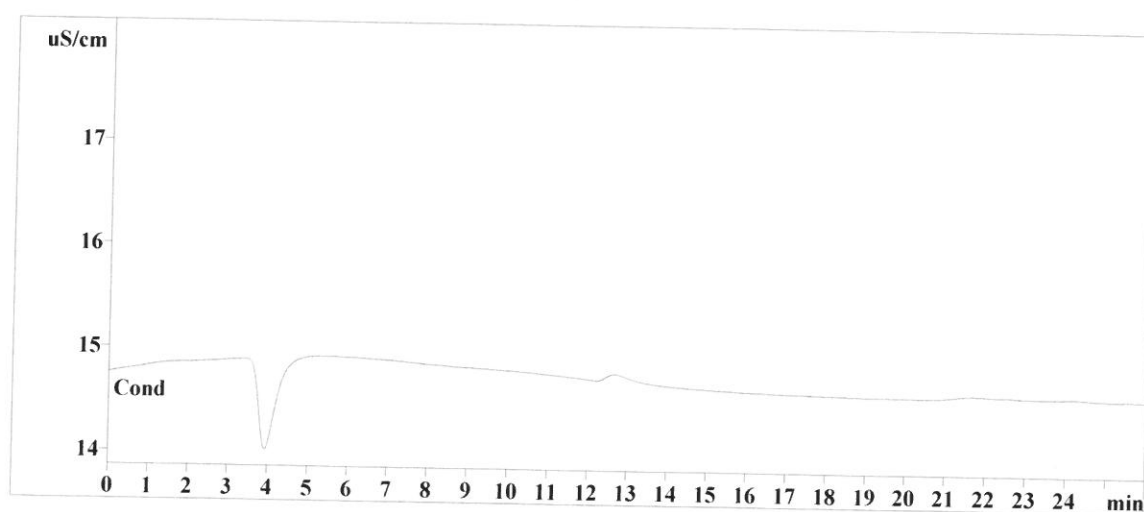
Ident: CCB
Analysis from: 6/22/2017 8:37:06 PM
File: _2017-06-22_

Last save: 6/23/2017 3:44:08 PM

Method: ANIONS 06-12-17.mtw
Run operator: wet
Analysis number: 58142

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

SAMPLE:
:
Vial number: 3
Volume: 20.0 μ L
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No peaks

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