

IC-8 800
12-22-18

Clear table

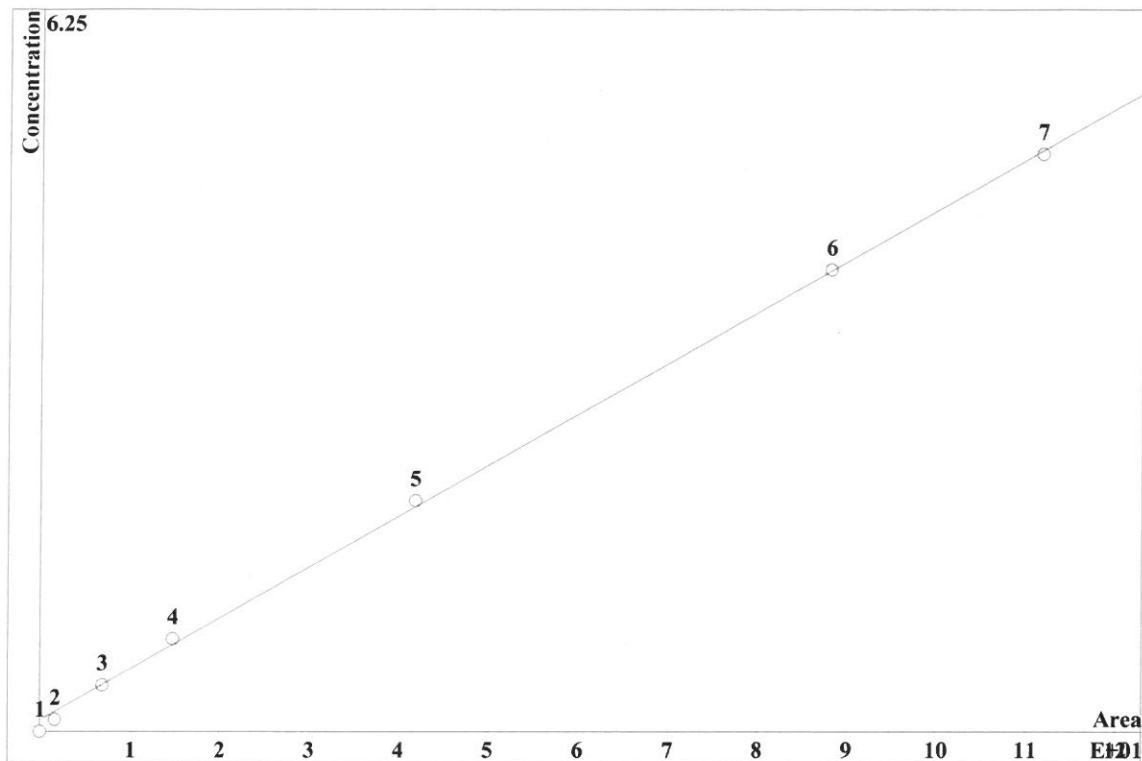
ident	concentrati on F-	concentrati on CL-	concentrati on NO2	concentrati on BR-	concentrati on NO3	concentrati on HPO4	concentrati on SO4	file name	date time
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-12-08_	12/8/17 10:06
STD2	0.1460	0.2380	0.2510	0.8290	0.2160	-0.3540	0.0820	2017-12-08_	12/8/17 10:49
STD3	0.3830	0.6310	0.6500	2.1540	0.5400	0.8850	2.3860	2017-12-08_	12/8/17 11:20
STD4	0.7290	1.2060	1.1920	3.9670	0.9770	2.1260	4.9450	2017-12-08_	12/8/17 11:51
STD5	1.9770	2.9270	2.9080	9.6040	2.3880	5.3900	14.3200	2017-12-08_	12/8/17 12:22
STD6	4.0210	5.9890	5.9920	19.8470	4.9450	9.9150	30.0720	2017-12-08_	12/8/17 12:53
STD7	5.0320	7.5750	7.5800	25.3030	6.3360	12.3720	37.7920	2017-12-08_	12/8/17 13:23
ICV	1.8480	2.8820	2.8840	9.5830	2.3780	5.4040	14.1280	2017-12-08_	12/8/17 13:54
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-12-08_	12/8/17 14:47
CCV	1.8330	2.8410	2.7790	9.1840	2.3040	4.3390	14.7510	2017-12-20_	12/20/17 12:15
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-12-20_	12/20/17 12:48
LB92306BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-12-20_	12/20/17 13:18
LB92306BSW	1.8610	2.7830	2.7940	9.2400	2.2940	4.7550	14.6270	2017-12-20_	12/20/17 13:48
I6991-01	0.0000	73.9860	0.0000	0.0000	0.0000	0.0000	38.2350	2017-12-20_	12/20/17 14:20
I6991-02	0.0000	1828.5350	0.0000	0.0000	0.0000	0.0000	150.0380	2017-12-20_	12/20/17 14:50
I6991-03	0.2720	868.4230	0.0000	0.0000	0.0000	0.0000	8.7300	2017-12-20_	12/20/17 15:20
I6991-07	0.0000	1050.7310	0.0000	0.0000	0.0000	0.0000	0.8690	2017-12-20_	12/20/17 15:50
I6991-09	0.3010	772.1130	0.0000	0.0000	0.0000	0.0000	9.9040	2017-12-20_	12/20/17 16:19
I6991-08	0.0000	616.1280	0.0000	0.0000	0.0000	0.0000	15.6750	2017-12-20_	12/20/17 16:49
I6991-08DUP	0.0000	601.7750	0.0000	0.0000	0.0000	0.0000	15.7270	2017-12-20_	12/20/17 17:19
I6991-08MS	2.7180	541.9530	2.1140	10.5250	2.5250	0.0000	31.3430	2017-12-20_	12/20/17 17:49
CCV	1.9150	2.9240	2.8860	9.4940	2.3200	6.4260	14.7200	2017-12-20_	12/20/17 18:19
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-12-20_	12/20/17 18:49
I7011-02	0.2520	1551.6900	0.0000	0.0000	0.0000	0.0000	10.3440	2017-12-20_	12/20/17 19:19
I7011-03	0.0000	1426.1950	0.0000	0.0000	0.0000	0.0000	23.6910	2017-12-20_	12/20/17 19:49
I7011-05	0.0000	2307.2730	0.0000	0.0000	0.0000	0.0000	29.5360	2017-12-20_	12/20/17 20:19
I7011-06	0.0000	3254.2990	0.0000	0.6930	0.0000	0.0000	11.5480	2017-12-20_	12/20/17 20:49
I6991-01DLX2	0.0000	34.6880	0.0000	0.0000	0.0000	0.0000	18.2680	2017-12-20_	12/20/17 21:19
I6991-01DLX20	0.0000	3.0040	0.0000	0.0000	0.0000	0.0000	2.2450	2017-12-20_	12/20/17 21:48
I6991-02DLX10	0.0000	169.9620	0.0000	0.0000	0.0000	0.0000	12.4610	2017-12-20_	12/20/17 22:18

[illegible]

IC-1 Cal 12/8/17
AL

CALIBRATION OF COMPONENT F-

Method: ANIONS 12-08-17.mtw
Equation: $Q = 0.882434 \cdot A + 2.02199$
RSD: 2.641 %
Correlation coefficient: 0.999715



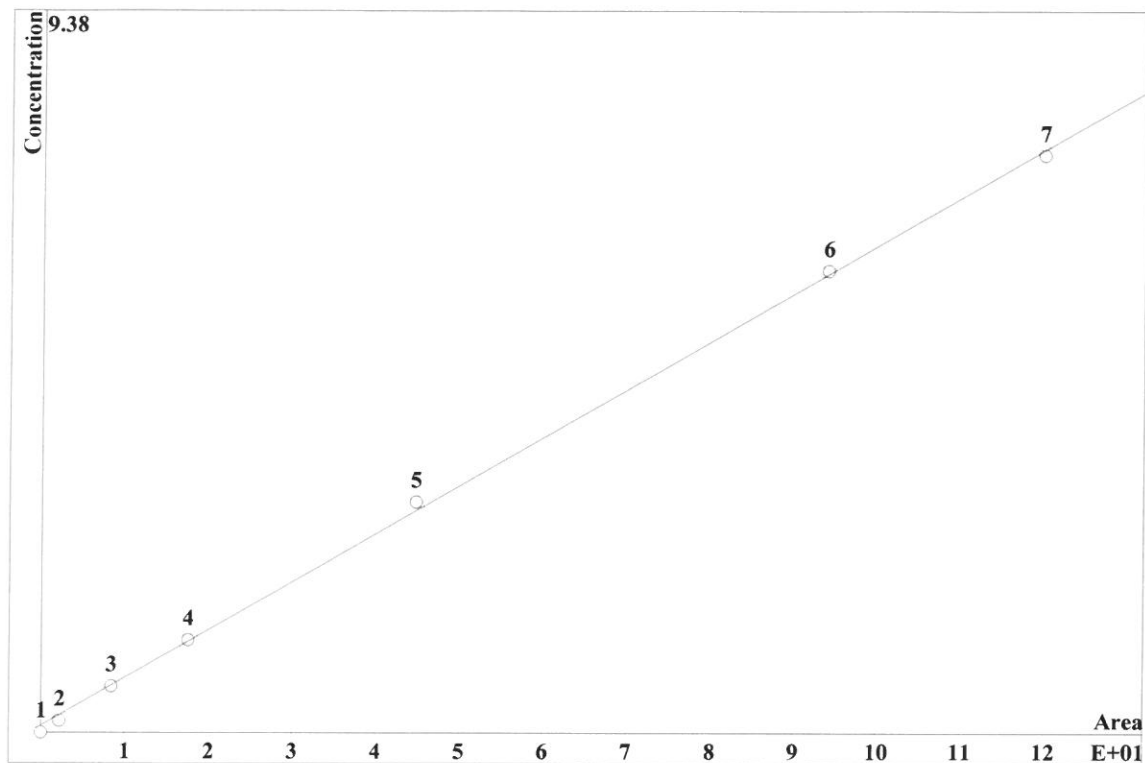
K3 = 0 K2 = 0 K1 = 0.882434 K0 = 2.02199

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	0.08596	1.638	0.1	20	5.921	Yes	
3	0.3965	6.912	0.4	20	5.921	Yes	
4	0.846	14.7	0.8	20	5.921	Yes	
5	2.409	41.86	2	20	5.921	Yes	
6	5.31	88.17	4	20	5.921	Yes	
7	6.742	111.7	5	20	5.921	Yes	

CALIBRATION OF COMPONENT CL-

Method: ANIONS 12-08-17.mtw
 Equation: $Q = 1.2481 \cdot A + 1.86112$
 RSD: 2.656 %
 Correlation coefficient: 0.999712



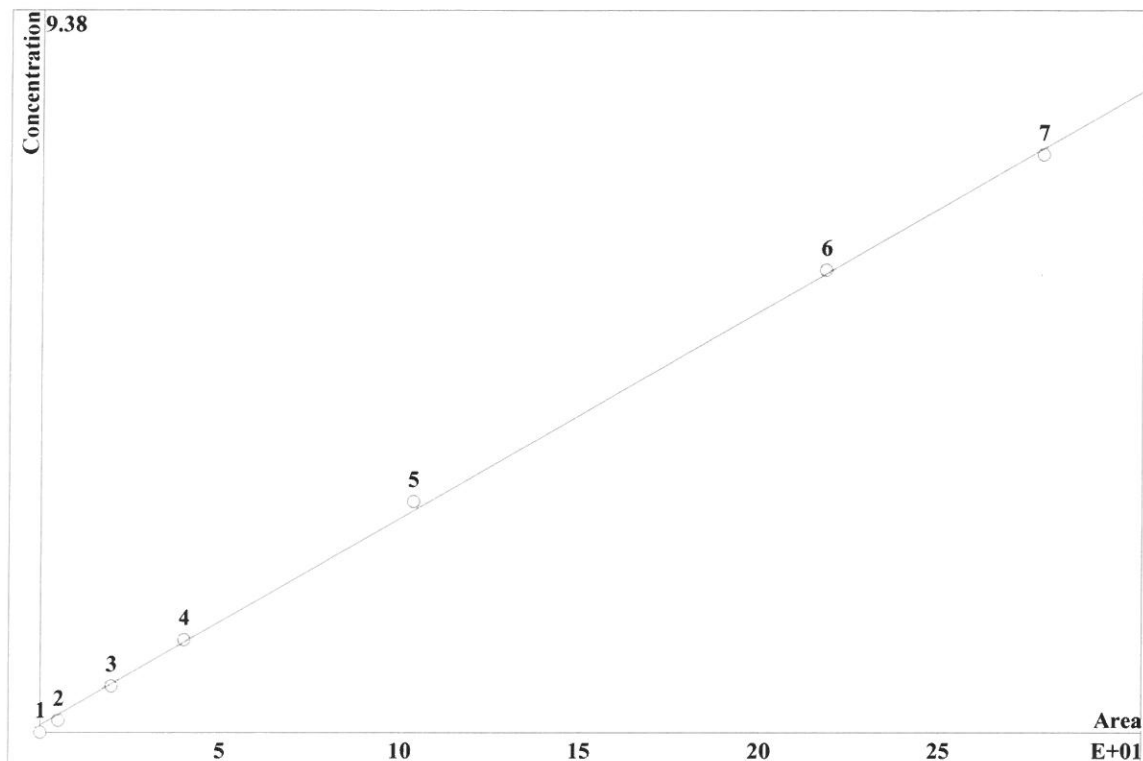
K3 = 0 K2 = 0 K1 = 1.2481 K0 = 1.86112

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	0.1348	2.178	0.15	20	8.982	Yes	
3	0.5319	8.354	0.6	20	8.982	Yes	
4	1.085	17.52	1.2	20	8.982	Yes	
5	2.806	44.79	3	20	8.982	Yes	
6	5.934	93.96	6	20	8.982	Yes	
7	7.578	119.9	7.5	20	8.982	Yes	

CALIBRATION OF COMPONENT NO2

Method: ANIONS 12-08-17.mtw
 Equation: $Q = 0.53685 \cdot A + 1.93411$
 RSD: 2.848 %
 Correlation coefficient: 0.999669



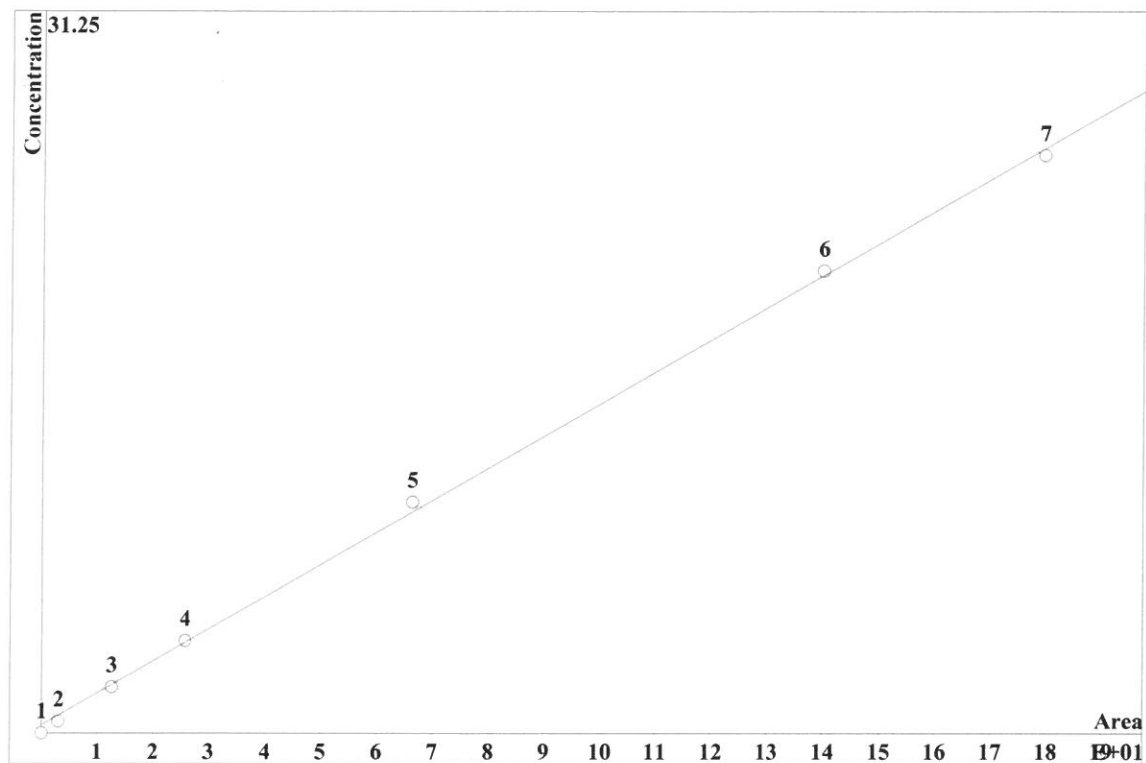
K3 = 0 K2 = 0 K1 = 0.53685 K0 = 1.93411

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	0.2591	4.986	0.15	20	10.72	Yes	
3	1.052	19.88	0.6	20	10.72	Yes	
4	2.132	40.1	1.2	20	10.72	Yes	
5	5.523	103.8	3	20	10.72	Yes	
6	11.48	218.2	6	20	10.72	Yes	
7	14.5	278.8	7.5	20	10.72	Yes	

CALIBRATION OF COMPONENT BR-

Method: ANIONS 12-08-17.mtw
 Equation: $Q = 2.78054 \cdot A + 6.98952$
 RSD: 3.081 %
 Correlation coefficient: 0.999613



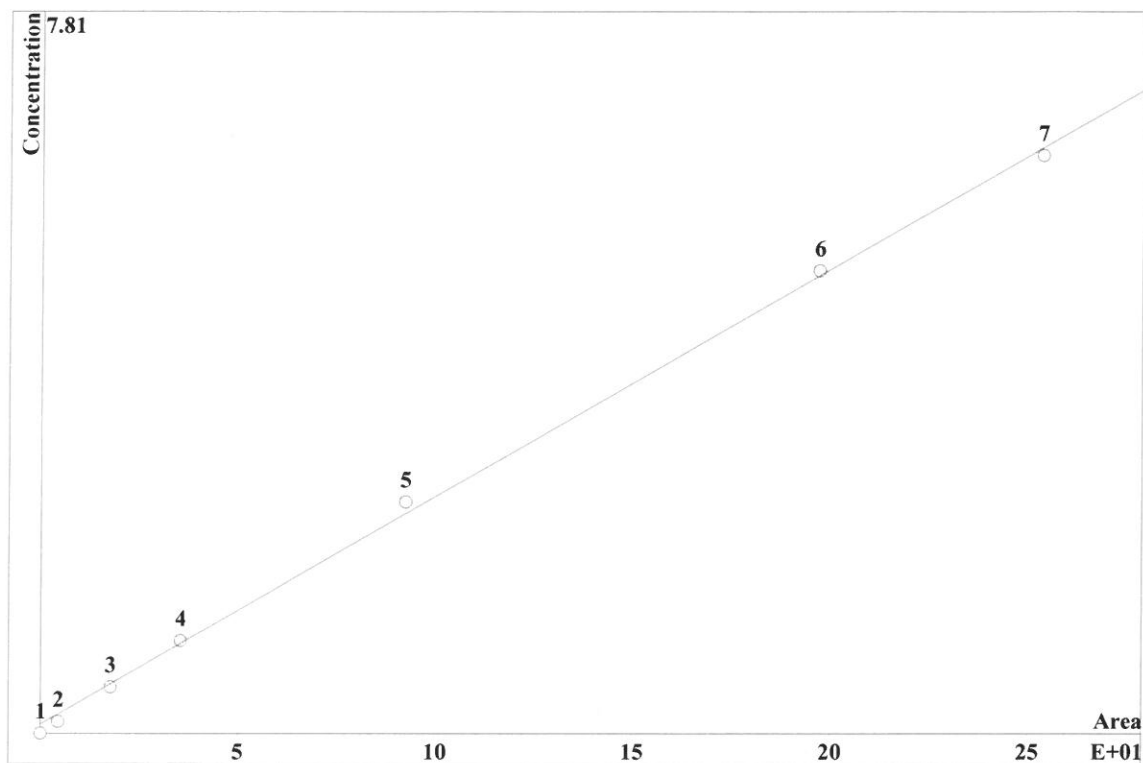
K3 = 0 K2 = 0 K1 = 2.78054 K0 = 6.98952

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	0.1622	3.035	0.5	20	13.6			Yes
3	0.6784	12.66	2	20	13.6			Yes
4	1.4	25.76	4	20	13.6			Yes
5	3.702	66.36	10	20	13.6			Yes
6	7.913	140	20	20	13.6			Yes
7	10.12	179.5	25	20	13.6			Yes

CALIBRATION OF COMPONENT NO3

Method: ANIONS 12-08-17.mtw
 Equation: $Q = 0.491724 \cdot A + 1.98825$
 RSD: 3.621 %
 Correlation coefficient: 0.999465



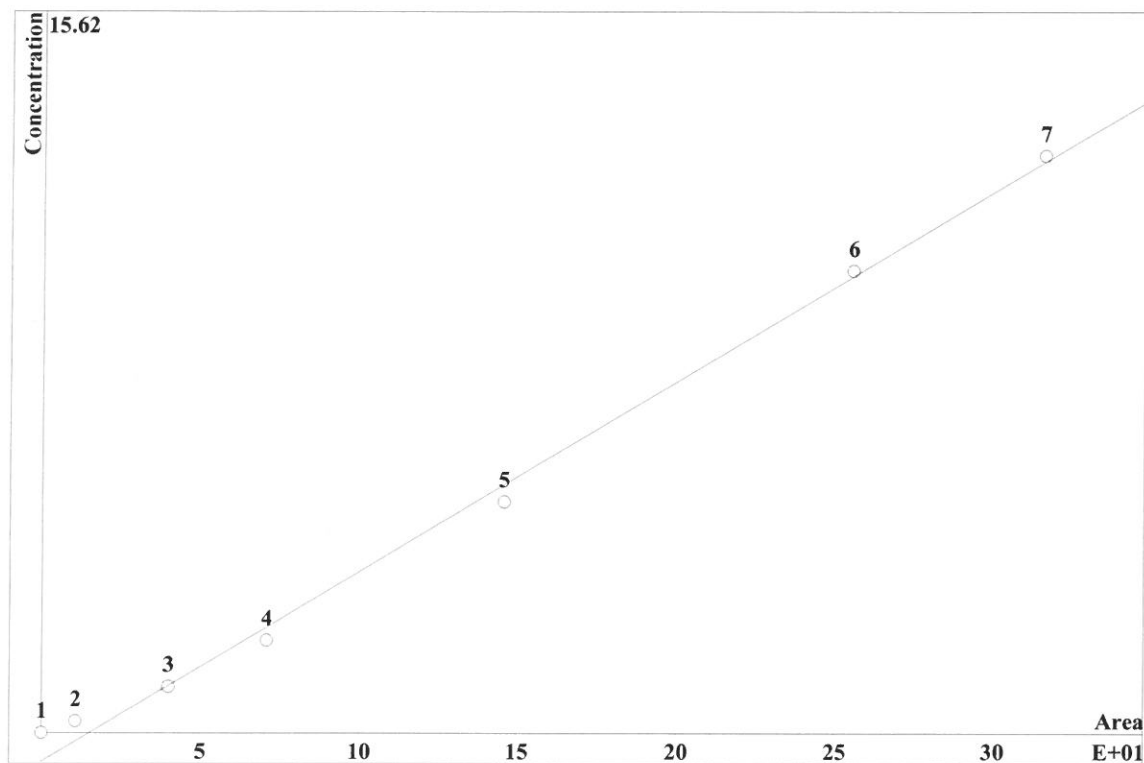
K3 = 0 K2 = 0 K1 = 0.491724 K0 = 1.98825

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	0.2063	4.445	0.125	20	15.49		Yes
3	0.8322	17.7	0.5	20	15.49		Yes
4	1.7	35.5	1	20	15.49		Yes
5	4.503	92.6	2.5	20	15.49		Yes
6	9.764	197.2	5	20	15.49		Yes
7	12.59	253.7	6.25	20	15.49		Yes

CALIBRATION OF COMPONENT HPO4

Method: ANIONS 12-08-17.mtw
 Equation: $Q = 0.822761 \cdot A - 12.4299$
 RSD: 6.476 %
 Correlation coefficient: 0.998287



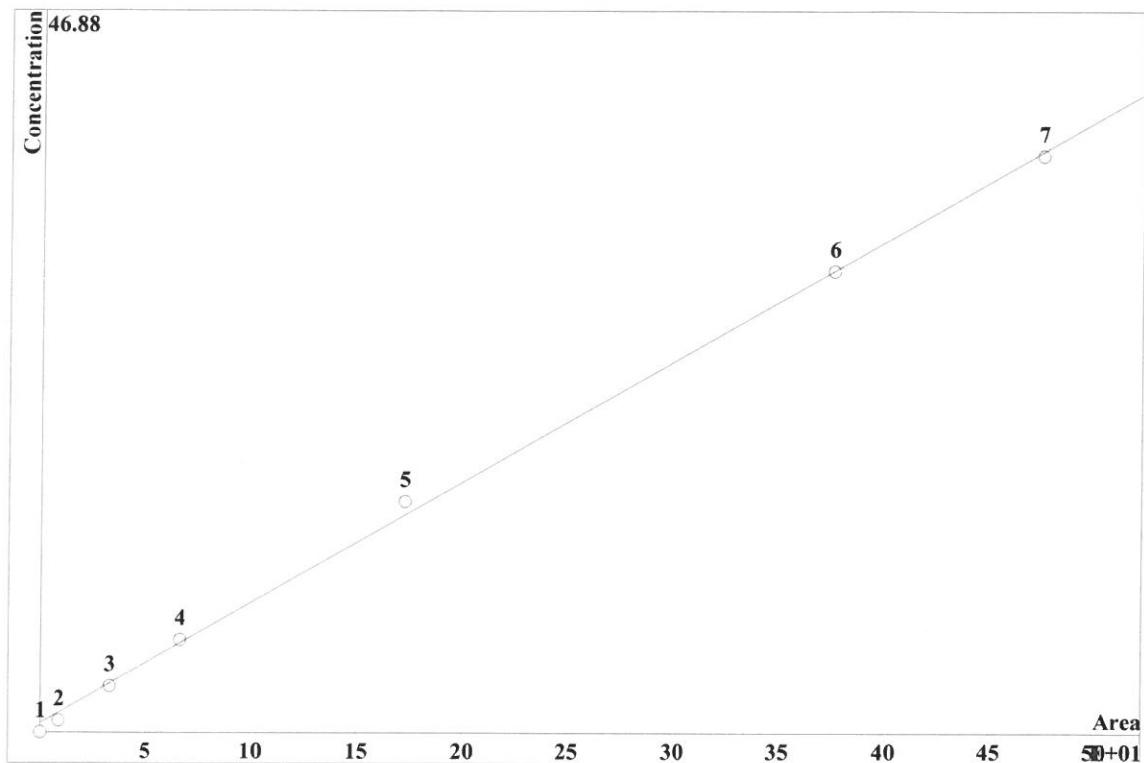
K3 = 0 K2 = 0 K1 = 0.822761 K0 = -12.4299

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	0.2595	10.63	0.25	20	22.72		Yes
3	0.9777	40.01	1	20	22.72		Yes
4	1.806	70.59	2	20	22.72		Yes
5	3.928	145.8	5	20	22.72		Yes
6	7.391	255.3	10	20	22.72		Yes
7	9.3	315.8	12.5	20	22.72		Yes

CALIBRATION OF COMPONENT SO4

Method: ANIONS 12-08-17.mtw
 Equation: $Q = 1.56642 \cdot A + 12.2759$
 RSD: 3.567 %
 Correlation coefficient: 0.999481



K3 = 0 K2 = 0 K1 = 1.56642 K0 = 12.2759
 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	0.284	8.609	0.75	20	25.7		Yes
3	1.114	33.01	3	20	25.7		Yes
4	2.264	66.25	6	20	25.7		Yes
5	5.996	172.6	15	20	25.7		Yes
6	12.96	375.6	30	20	25.7		Yes
7	16.61	474.7	37.5	20	25.7		Yes

Report date: 12/11/2017 4:12:11 PM
Printed by: wet

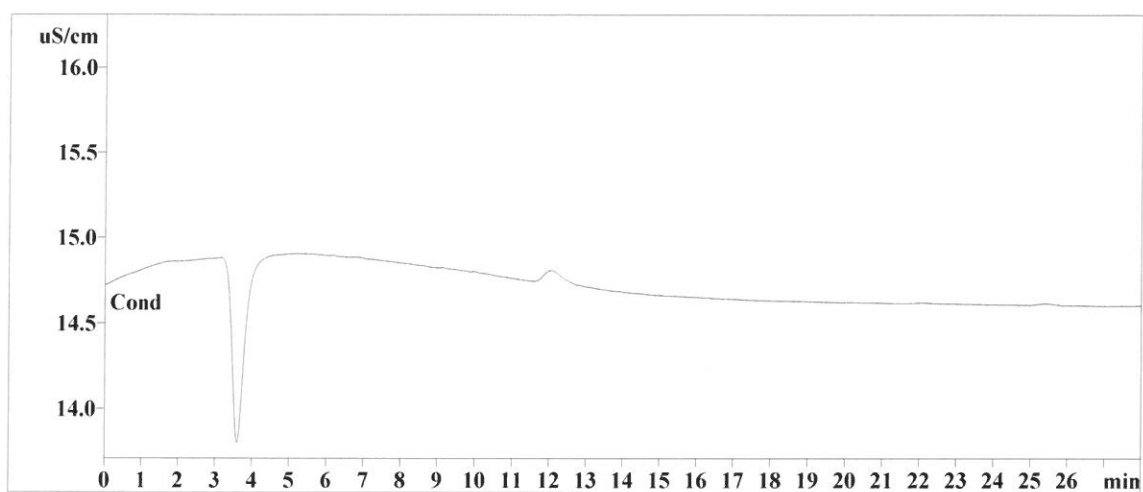
Ident: STD1
Analysis from: 12/8/2017 10:06:37 AM
File: _2017-12-08_

Last save: 12/11/2017 12:12:30 PM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60250

Last save: 12/8/2017 8:47:34 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: 12/11/2017 4:12:18 PM
Printed by: wet

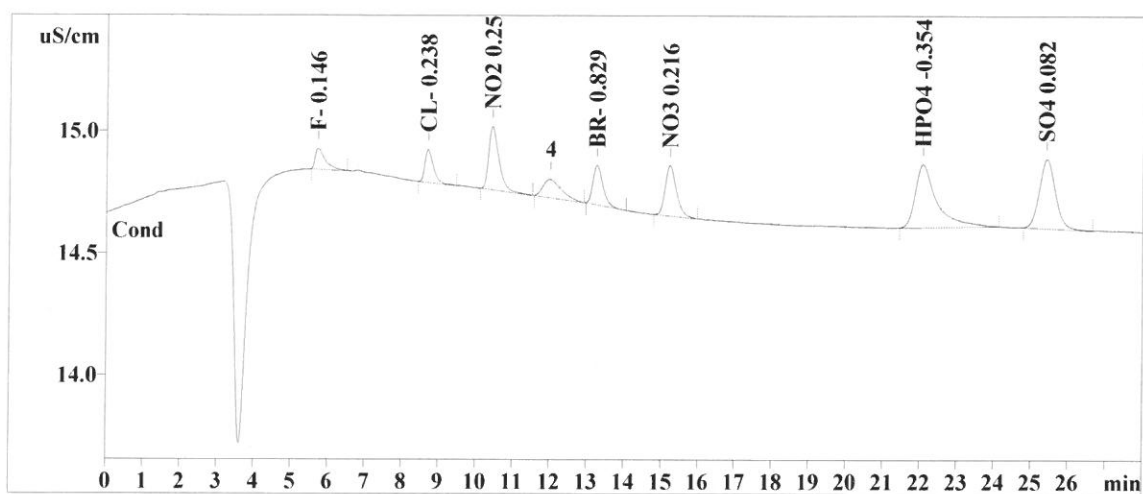
Ident: STD2
Analysis from: 12/8/2017 10:49:21 AM
File: _2017-12-08_

Last save: 12/8/2017 11:17:10 AM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60252

Last save: 12/8/2017 10:34:26 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	5.71	0.271	0.09	5.82	1.638	4.29	0.
2	8.70	0.243	0.13	9.18	2.178	5.70	0.
3	10.43	0.284	0.26	17.61	4.986	13.06	0.
4	13.26	0.283	0.16	10.99	3.035	7.95	0.
5	15.20	0.324	0.21	14.01	4.445	11.64	0.
6	22.07	0.535	0.26	17.62	10.626	27.83	0.
7	25.42	0.459	0.28	19.31	8.609	22.55	0.
7	28.00	0.343	1.39	94.53	35.516	93.01	0.

This report has been created by IC Net
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Report date: 12/11/2017 4:12:24 PM
Printed by: wet

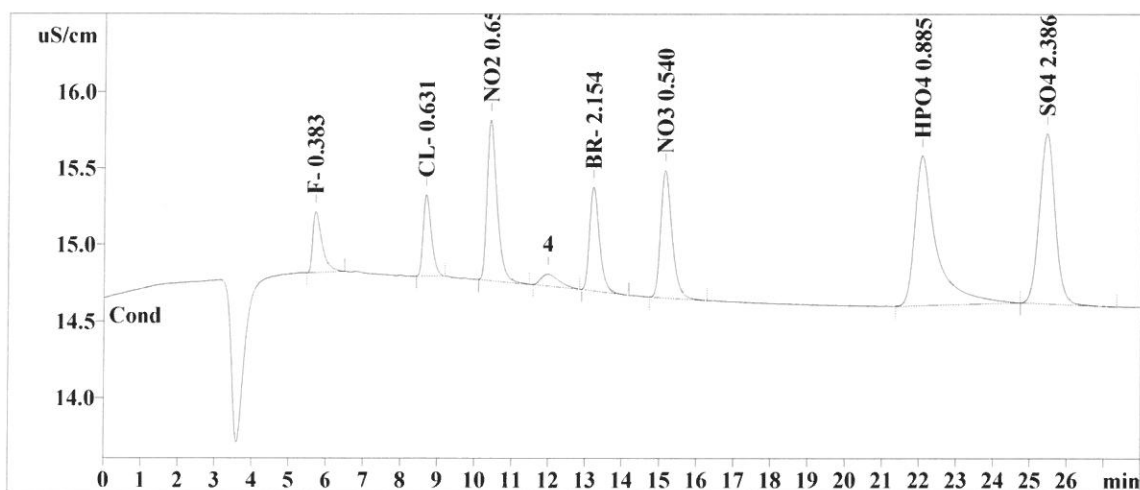
Ident: STD3
Analysis from: 12/8/2017 11:20:16 AM
File: _2017-12-08_

Last save: 12/8/2017 11:48:04 AM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60253

Last save: 12/8/2017 11:17:10 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	5.70	0.253	0.40	6.99	6.912	4.90	0.
2	8.68	0.241	0.53	9.39	8.354	5.92	0.
3	10.42	0.282	1.05	18.56	19.881	14.08	0.
4	13.22	0.281	0.68	11.97	12.659	8.97	0.
5	15.13	0.316	0.83	14.70	17.695	12.54	0.
6	22.07	0.515	0.98	17.27	40.005	28.34	0.
7	25.44	0.448	1.11	19.67	33.006	23.38	0.
7	28.00	0.334	5.58	98.55	138.513	98.12	0.

This report has been created by IC Net
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Report date: 12/11/2017 4:12:30 PM
Printed by: wet

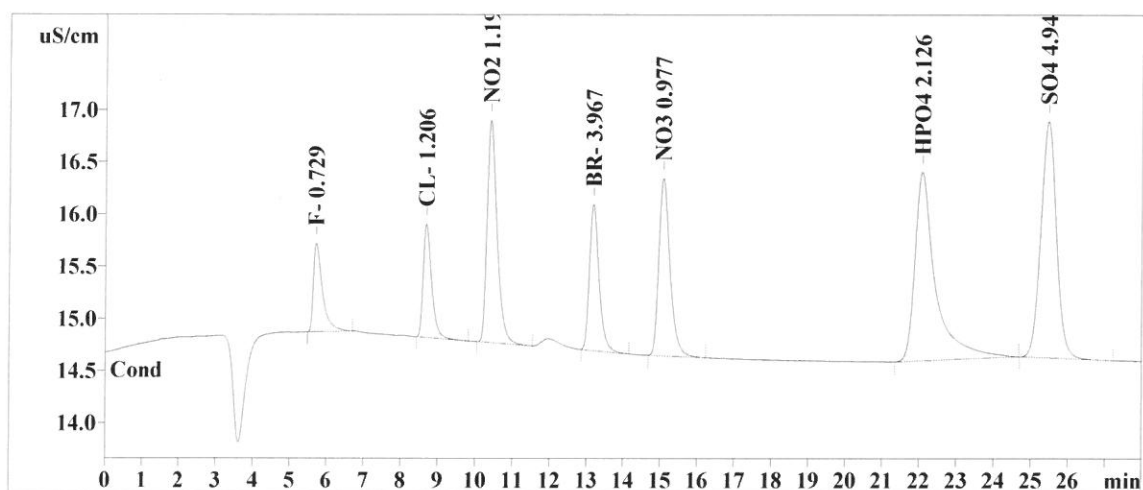
Ident: STD4
Analysis from: 12/8/2017 11:51:10 AM
File: _2017-12-08_

Last save: 12/8/2017 12:19:00 PM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60254

Last save: 12/8/2017 11:48:04 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	0.246	0.85	7.53	14.704	5.44	0.
2	8.69	0.241	1.08	9.65	17.525	6.48	0.
3	10.40	0.282	2.13	18.97	40.100	14.83	0.
4	13.18	0.274	1.40	12.46	25.760	9.53	0.
5	15.07	0.310	1.70	15.13	35.497	13.13	0.
6	22.07	0.496	1.81	16.07	70.593	26.10	0.
7	25.45	0.443	2.26	20.15	66.251	24.50	0.
7	28.00	0.328	11.23	99.97	270.430	100.00	0.

This report has been created by IC Net
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Report date: 12/11/2017 4:12:36 PM
Printed by: wet

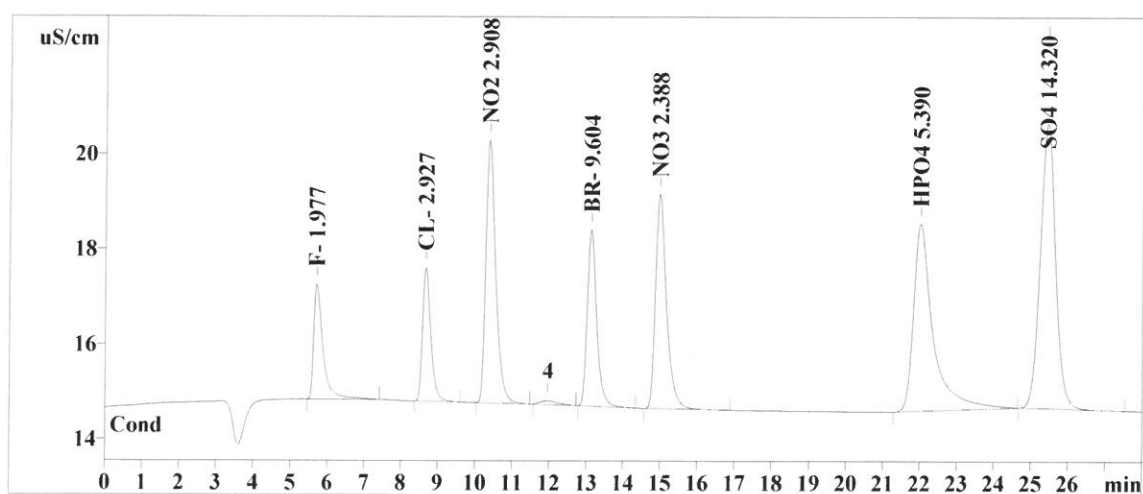
Ident: STD5
Analysis from: 12/8/2017 12:22:05 PM
File: _2017-12-08_

Last save: 12/8/2017 12:49:54 PM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60255

Last save: 12/8/2017 12:19:00 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.69	0.239	2.41	8.32	41.855	6.24	0.
2	8.66	0.238	2.81	9.69	44.787	6.68	0.
3	10.37	0.282	5.52	19.08	103.756	15.48	0.
4	13.12	0.266	3.70	12.79	66.365	9.90	0.
5	14.97	0.302	4.50	15.55	92.596	13.81	0.
6	22.01	0.479	3.93	13.57	145.771	21.75	0.
7	25.43	0.435	6.00	20.71	172.636	25.75	0.
7	28.00	0.320	28.87	99.72	667.766	99.62	0.

This report has been created by IC Net
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Report date: 12/11/2017 4:12:41 PM
Printed by: wet

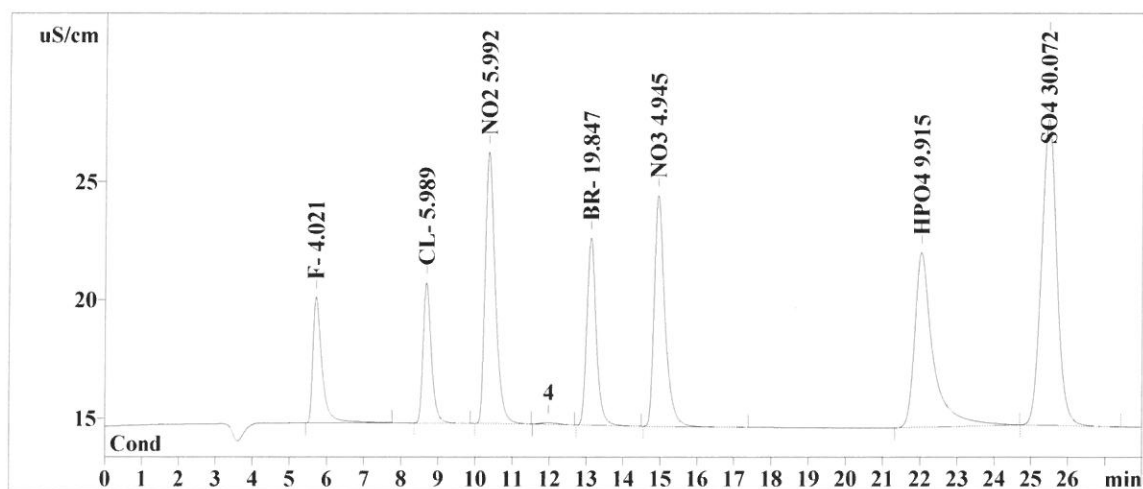
Ident: STD6
Analysis from: 12/8/2017 12:53:00 PM
File: _2017-12-08_

Last save: 12/8/2017 1:20:48 PM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60256

Last save: 12/8/2017 12:49:54 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.70	0.231	5.31	8.73	88.171	6.43	0.
2	8.67	0.236	5.93	9.76	93.962	6.85	0.
3	10.35	0.286	11.48	18.87	218.208	15.92	0.
4	13.11	0.263	7.91	13.01	139.969	10.21	0.
5	14.93	0.294	9.76	16.05	197.202	14.38	0.
6	22.02	0.452	7.39	12.15	255.288	18.62	0.
7	25.46	0.438	12.96	21.30	375.634	27.40	0.
7	28.00	0.314	60.74	99.87	1368.433	99.82	0.

This report has been created by IC Net
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Report date: 12/11/2017 4:12:47 PM
Printed by: wet

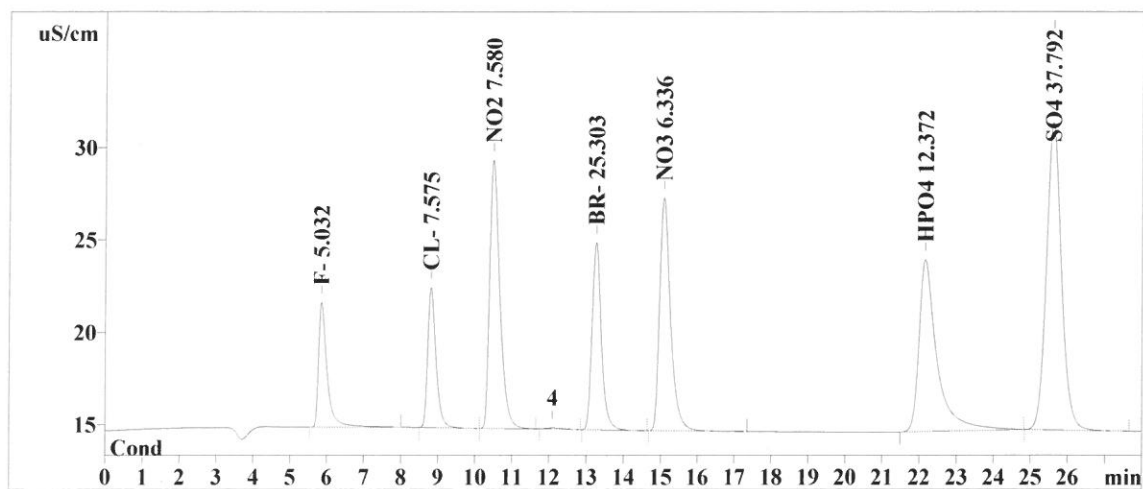
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Analysis from: 12/8/2017 1:23:54 PM
File: _2017-12-08_

Last save: 12/8/2017 1:51:44 PM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60257

Last save: 12/8/2017 1:20:48 PM

SAMPLE:
: AK/AP
Vial number: 8
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.85	0.230	6.74	8.70	111.746	6.44	0.
2	8.81	0.236	7.58	9.78	119.897	6.91	0.
3	10.49	0.289	14.50	18.71	278.797	16.06	0.
4	13.27	0.263	10.12	13.06	179.490	10.34	0.
5	15.07	0.293	12.59	16.24	253.655	14.61	0.
6	22.16	0.450	9.30	12.00	315.845	18.19	0.
7	25.60	0.430	16.61	21.42	474.689	27.34	0.
7	28.00	0.313	77.44	99.91	1734.119	99.88	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/11/2017 4:12:55 PM
Printed by: wet

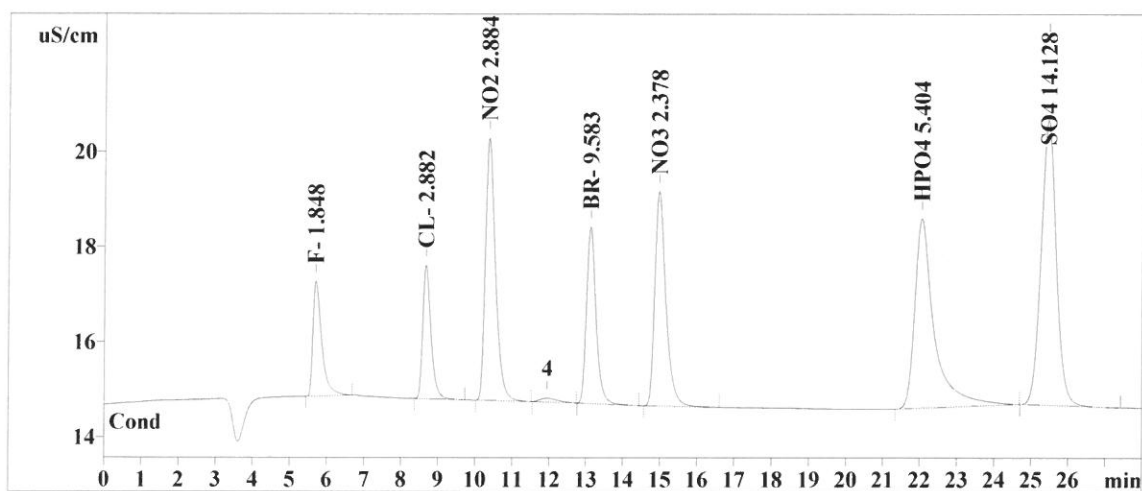
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Analysis from: 12/8/2017 1:54:49 PM
File: _2017-12-08_

Last save: 12/11/2017 11:56:46 AM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60258

Last save: 12/8/2017 1:51:44 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.70	0.235	2.41	8.32	39.588	5.92	0.
2	8.66	0.238	2.80	9.66	44.695	6.68	0.
3	10.36	0.282	5.52	19.02	103.852	15.52	0.
4	13.11	0.266	3.71	12.79	66.415	9.93	0.
5	14.96	0.302	4.51	15.53	92.690	13.86	0.
6	22.04	0.472	3.98	13.72	146.460	21.89	0.
7	25.44	0.434	6.00	20.67	172.543	25.79	0.
7	28.00	0.319	28.94	99.71	666.243	99.60	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/11/2017 4:13:03 PM
Printed by: wet

Ident: ICB
Analysis from: 12/8/2017 2:47:17 PM
File: _2017-12-08_

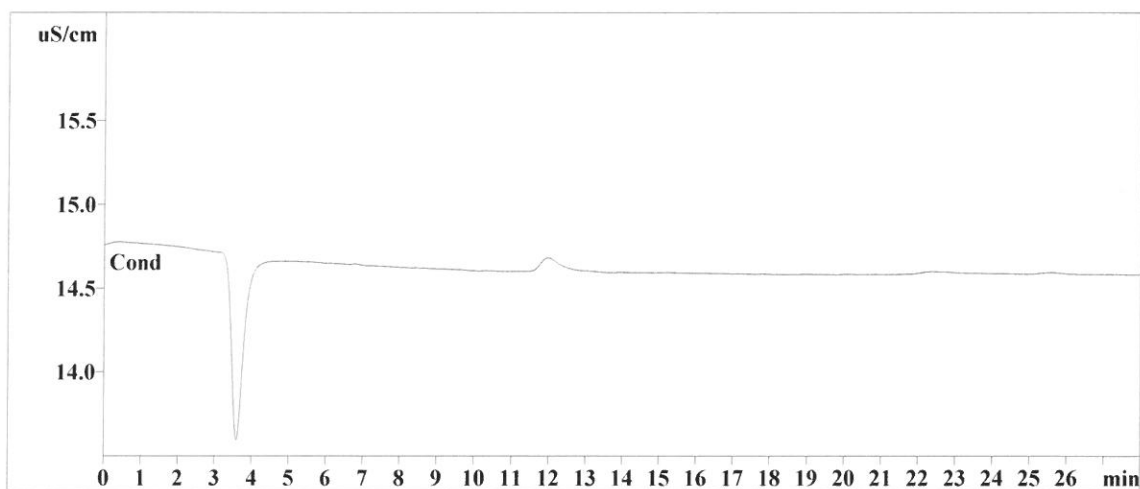
Last save: 12/11/2017 11:56:48 AM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60262

Last save: 12/8/2017 1:51:44 PM

SAMPLE:

: AK/AP
Vial number: 10
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: 12/21/2017 10:52:25 AM
Printed by: wet

Ident: CCV
Analysis from: 12/20/2017 12:15:10 PM
File: _2017-12-20_

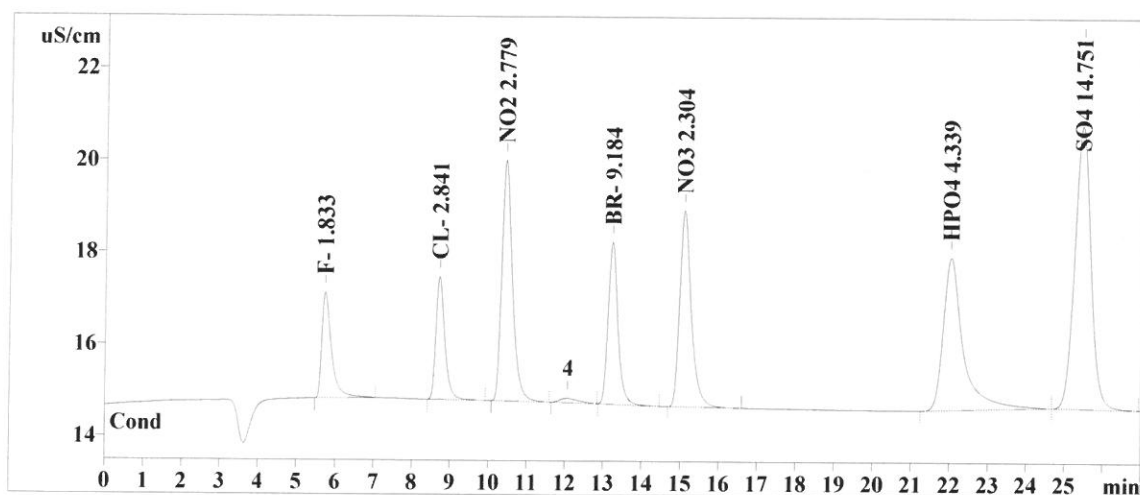
Last save: 12/20/2017 12:45:04 PM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60372

Last save: 12/20/2017 12:02:20 PM

SAMPLE:

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.72	0.240	2.29	8.34	39.248	6.12	0.
2	8.70	0.246	2.66	9.68	44.039	6.87	0.
3	10.41	0.284	5.23	19.00	99.923	15.59	0.
4	13.21	0.270	3.51	12.78	63.544	9.92	0.
5	15.07	0.310	4.26	15.49	89.677	13.99	0.
6	22.01	0.471	3.31	12.02	120.594	18.82	0.
7	25.43	0.444	6.14	22.33	180.499	28.17	0.
7	27.00	0.324	27.41	99.64	637.523	99.49	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/21/2017 10:52:57 AM
Printed by: wet

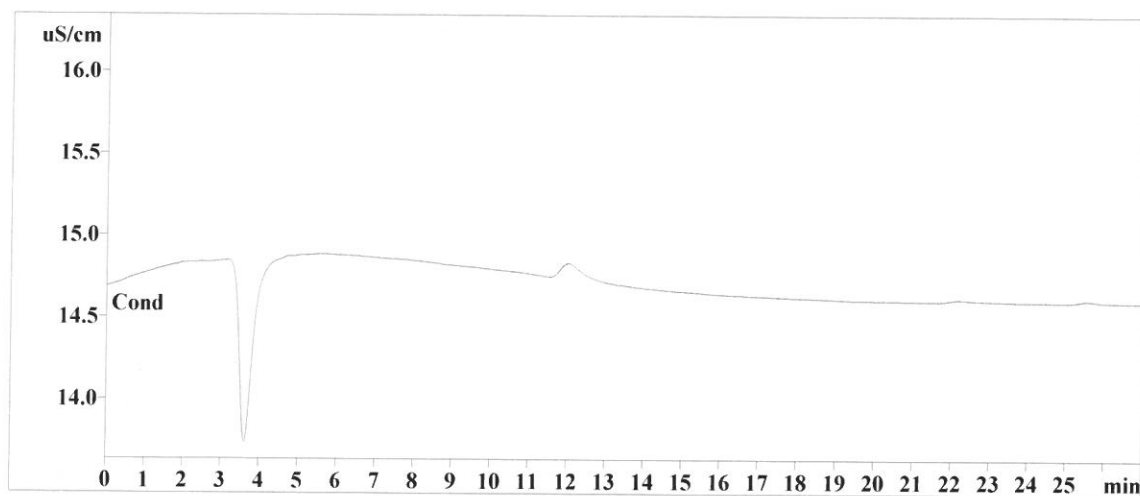
Ident: CCB
Analysis from: 12/20/2017 12:48:41 PM
File: _2017-12-20_

Last save: 12/21/2017 10:52:58 AM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60373

Last save: 12/20/2017 12:45:14 PM

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 12/21/2017 10:53:37 AM
Printed by: wet

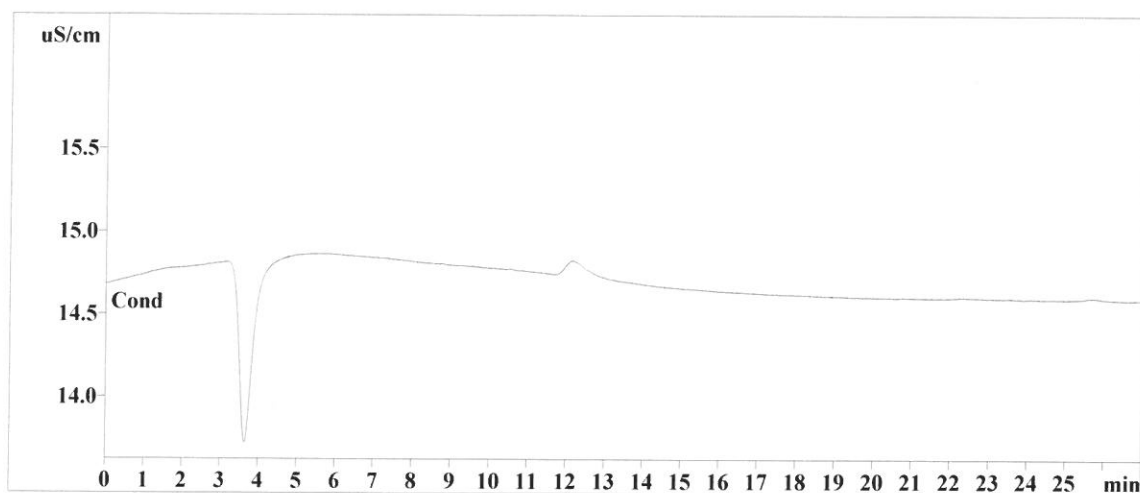
Ident: LB92306BLW
Analysis from: 12/20/2017 1:18:36 PM
File: _2017-12-20_

Last save: 12/21/2017 10:53:36 AM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60374

Last save: 12/20/2017 12:45:14 PM

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 12/21/2017 10:54:24 AM
Printed by: wet

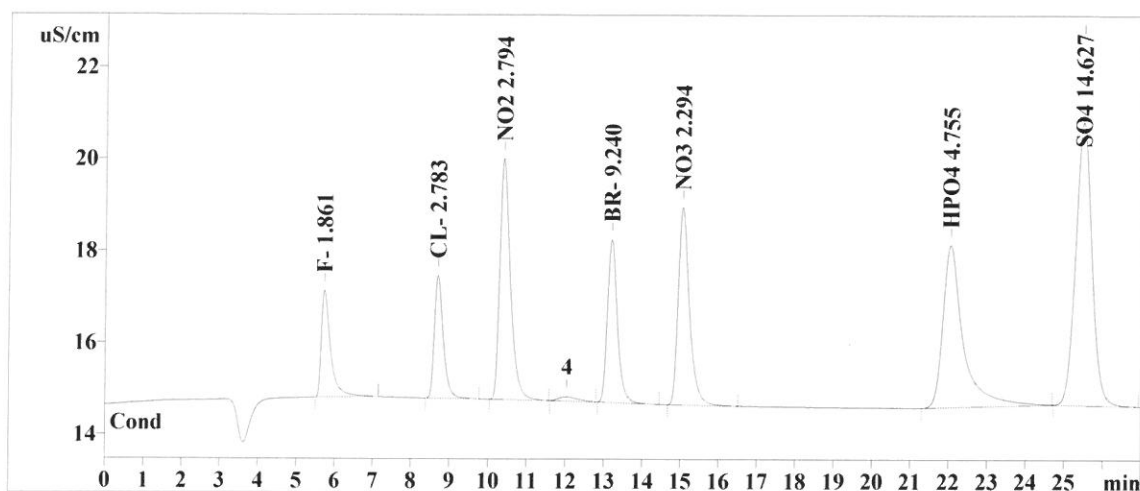
Ident: LB92306BSW
Analysis from: 12/20/2017 1:48:31 PM
File: _2017-12-20_

Last save: 12/21/2017 10:51:58 AM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60375

Last save: 12/20/2017 12:45:14 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.71	0.239	2.32	8.32	39.880	6.14	0.
2	8.69	0.241	2.66	9.58	43.106	6.64	0.
3	10.38	0.284	5.23	18.82	100.475	15.47	0.
4	13.19	0.269	3.53	12.70	63.946	9.85	0.
5	15.04	0.306	4.29	15.43	89.250	13.74	0.
6	22.03	0.479	3.53	12.67	130.688	20.12	0.
7	25.47	0.440	6.16	22.13	178.918	27.55	0.
7	27.00	0.323	27.72	99.65	646.263	99.52	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/21/2017 10:55:31 AM
Printed by: wet

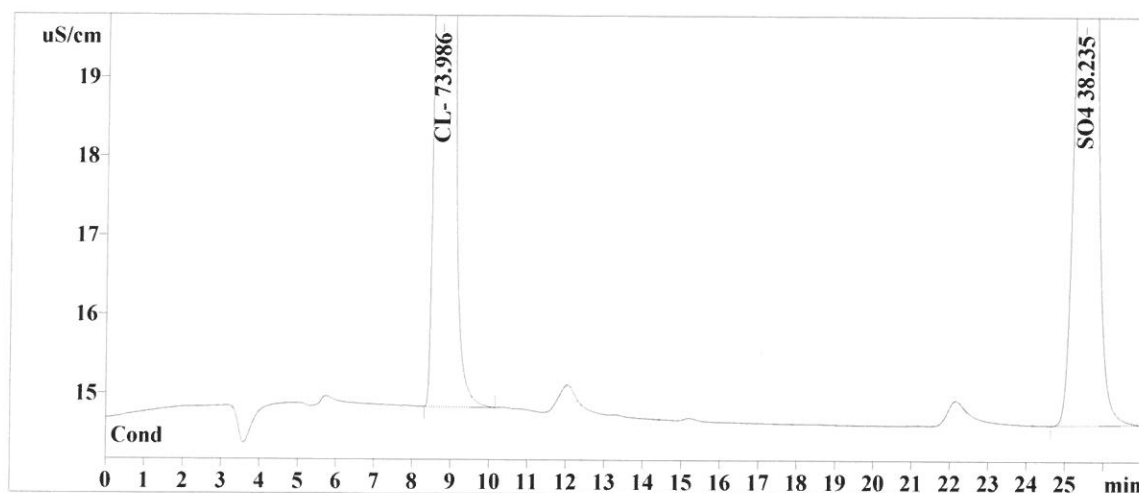
Ident: I6991-01
Analysis from: 12/20/2017 2:20:15 PM
File: _2017-12-20_

Last save: 12/21/2017 10:55:26 AM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60376

Last save: 12/20/2017 12:45:14 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.71	0.288	63.52	78.74	1184.089	71.14	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.46	0.422	17.15	21.26	480.342	28.86	0.
7	27.00	0.101	80.67	100.00	1664.431	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/21/2017 10:58:08 AM
Printed by: wet

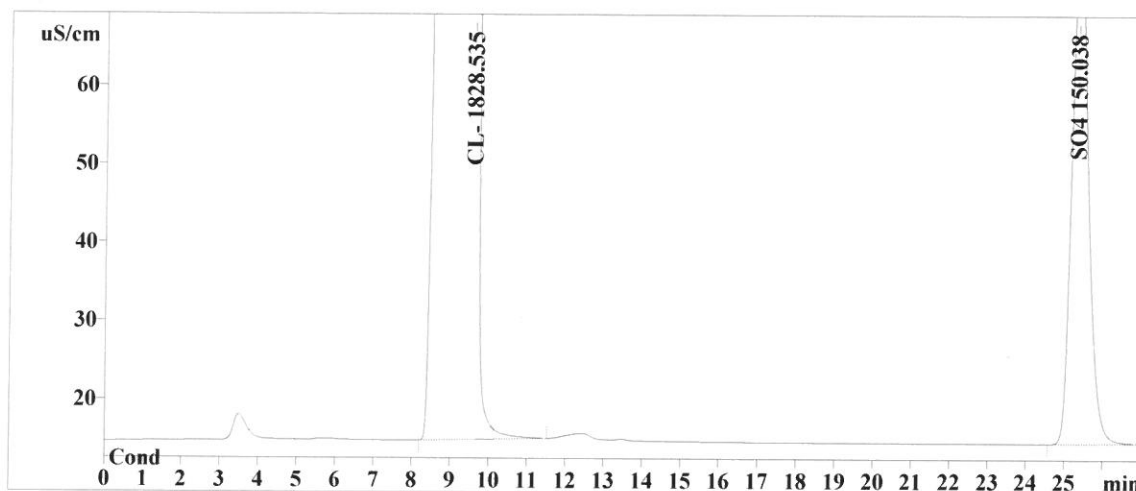
Ident: I6991-02
Analysis from: 12/20/2017 2:50:10 PM
File: _2017-12-20_

Last save: 12/21/2017 10:57:52 AM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60377

Last save: 12/20/2017 12:45:14 PM

SAMPLE:
: AK/AP
Vial number: 8
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.58	0.817	631.47	90.68	29299.532	93.89	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.32	0.447	65.01	9.33	1907.848	6.11	0.
7	27.00	0.181	696.48	100.01	31207.380	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/21/2017 10:59:57 AM
Printed by: wet

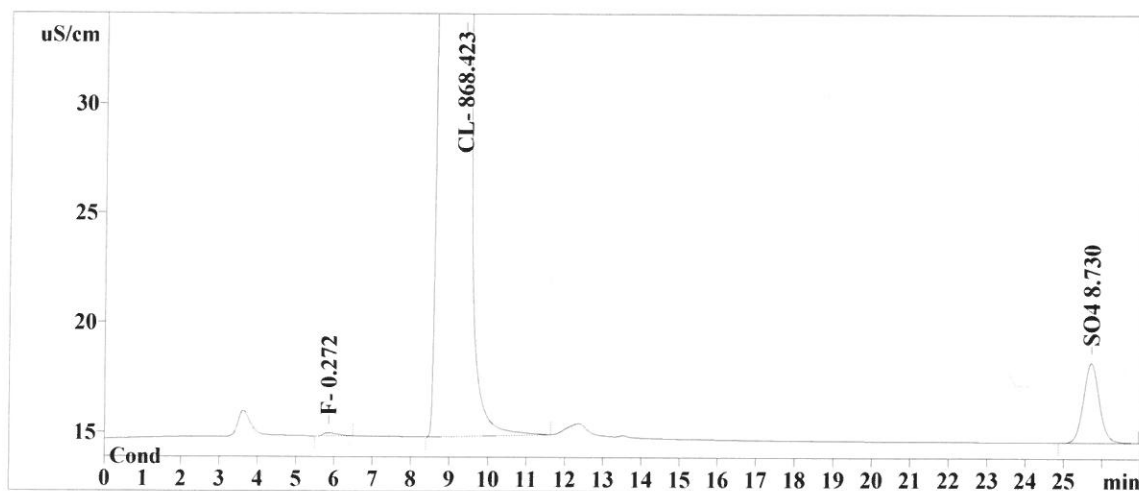
Ident: I6991-03
Analysis from: 12/20/2017 3:20:05 PM
File: _2017-12-20_

Last save: 12/21/2017 10:59:56 AM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60378

Last save: 12/20/2017 12:45:14 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.85	0.426	0.14	0.03	3.864	0.03	0.
2	9.35	0.514	460.07	99.19	13914.392	99.23	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.71	0.430	3.64	0.78	103.626	0.74	0.
7	27.00	0.196	463.86	100.00	14021.882	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/21/2017 11:01:10 AM
Printed by: wet

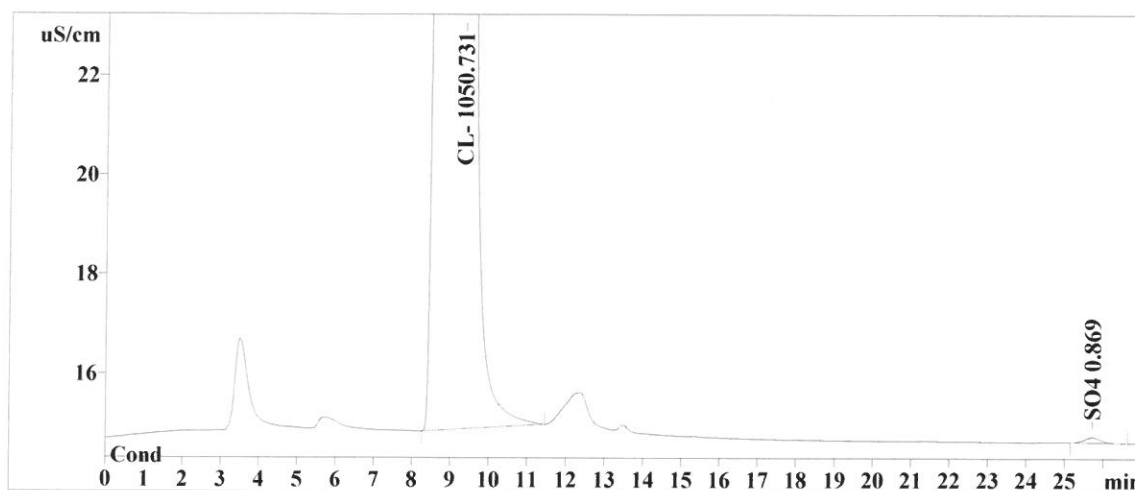
Ident: I6991-07
Analysis from: 12/20/2017 3:50:00 PM
File: _2017-12-20_

Last save: 12/21/2017 11:01:08 AM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60379

Last save: 12/20/2017 12:45:14 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.34	0.597	485.20	100.01	16835.748	99.98	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.72	0.446	0.11	0.02	3.263	0.02	0.
7	27.00	0.149	485.31	100.03	16839.011	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/21/2017 11:02:51 AM
Printed by: wet

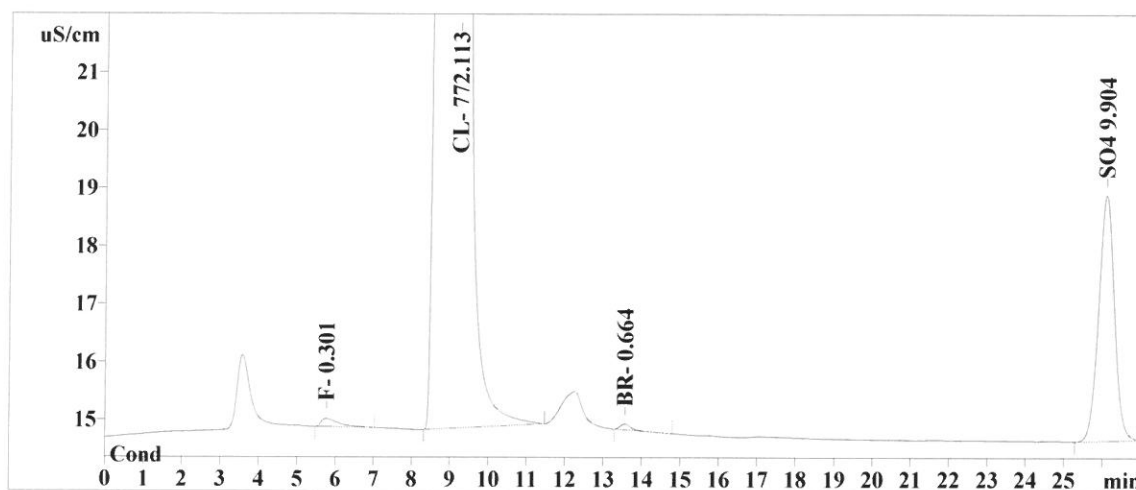
Ident: I6991-09
Analysis from: 12/20/2017 4:19:55 PM
File: _2017-12-20_

Last save: 12/21/2017 11:02:52 AM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60380

Last save: 12/20/2017 12:45:14 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	5.75	0.474	0.14	0.03	4.538	0.04	0.
2	9.22	0.502	416.04	98.89	12371.092	99.00	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.57	0.305	0.10	0.02	2.260	0.02	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	26.07	0.426	4.24	1.01	118.622	0.95	0.
7	27.00	0.244	420.53	99.95	12496.512	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/21/2017 11:10:00 AM
 Printed by: wet

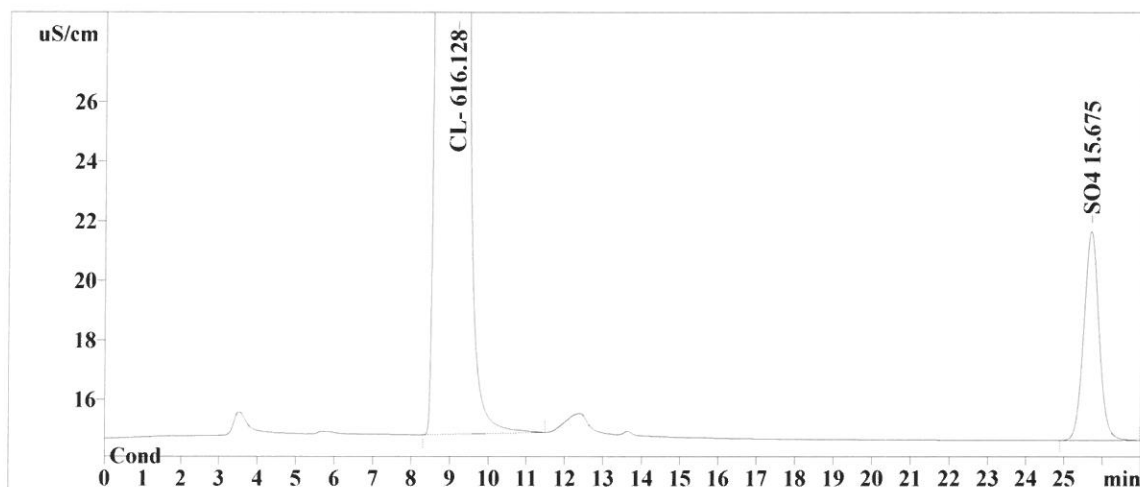
Ident: I6991-08
 Analysis from: 12/20/2017 4:49:50 PM
 File: _2017-12-20_

Last save: 12/21/2017 11:09:56 AM

Method: ANIONS 12-08-17.mtw
 Run operator: wet
 Analysis number: 60381

Last save: 12/20/2017 12:45:14 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.16	0.480	338.80	97.97	9871.537	98.09	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.69	0.415	7.01	2.03	192.298	1.91	0.
7	27.00	0.128	345.82	100.00	10063.834	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 12/21/2017 11:11:03 AM
 Printed by: wet

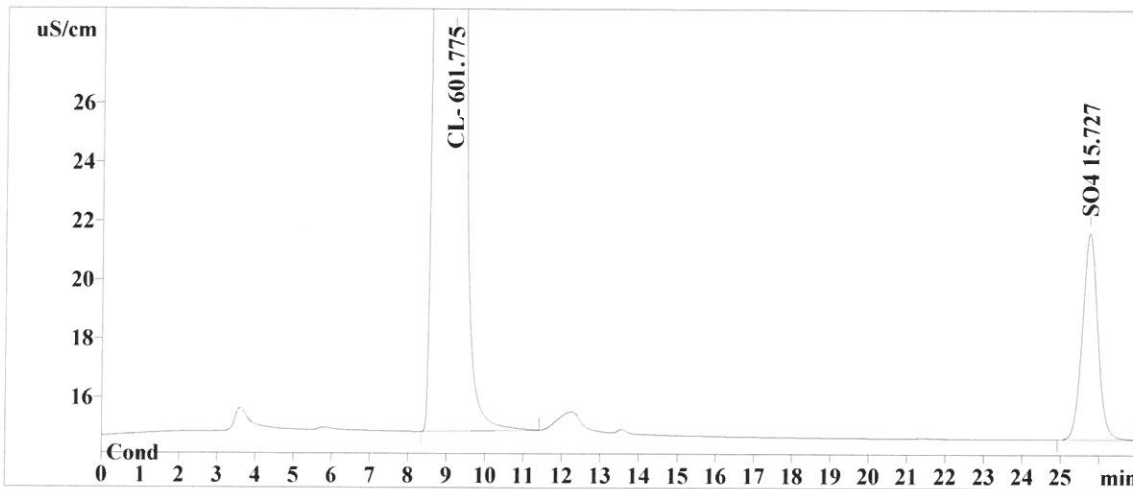
Ident: I6991-08DUP
 Analysis from: 12/20/2017 5:19:45 PM
 File: _2017-12-20_

Last save: 12/21/2017 11:10:58 AM

Method: ANIONS 12-08-17.mtw
 Run operator: wet
 Analysis number: 60382

Last save: 12/20/2017 12:45:14 PM

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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.16	0.462	344.84	98.00	9641.542	98.04	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.73	0.416	7.01	1.99	192.965	1.96	0.
7	27.00	0.126	351.84	99.99	9834.507	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 12/21/2017 11:12:03 AM
Printed by: wet

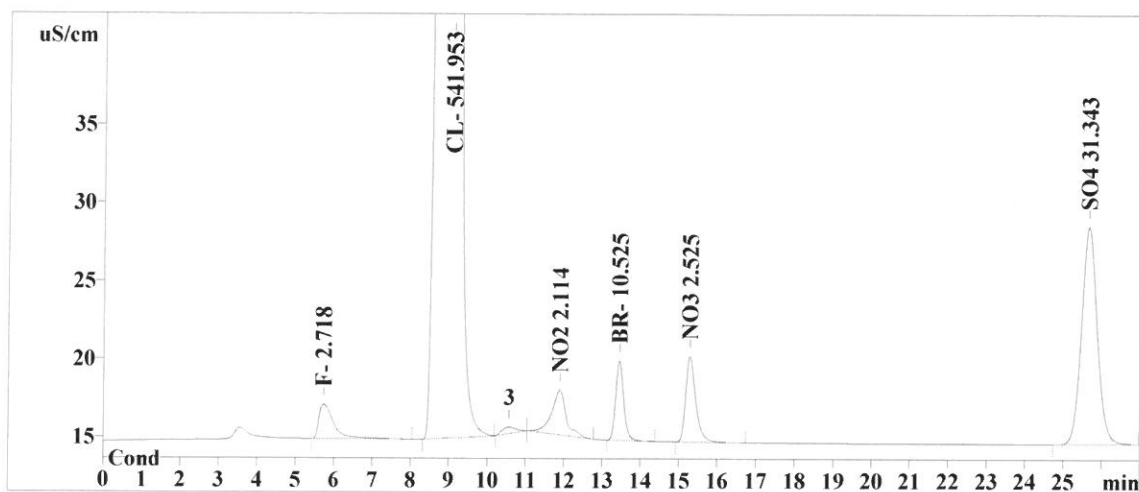
Ident: I6991-08MS
Analysis from: 12/20/2017 5:49:40 PM
File: _2017-12-20_

Last save: 12/20/2017 6:21:30 PM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60383

Last save: 12/20/2017 12:45:14 PM

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	5.72	0.378	2.20	0.62	59.307	0.63	0.
2	9.08	0.445	324.73	91.54	8682.943	92.45	0.
3	11.88	0.352	2.85	0.80	75.157	0.80	0.
4	13.44	0.215	5.07	1.43	73.190	0.78	0.
5	15.28	0.265	5.45	1.54	98.654	1.05	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.65	0.427	13.90	3.92	392.356	4.18	0.
7	27.00	0.298	354.20	99.85	9381.607	99.89	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/21/2017 11:12:22 AM
Printed by: wet

Ident: CCV
Analysis from: 12/20/2017 6:19:35 PM
File: _2017-12-20_

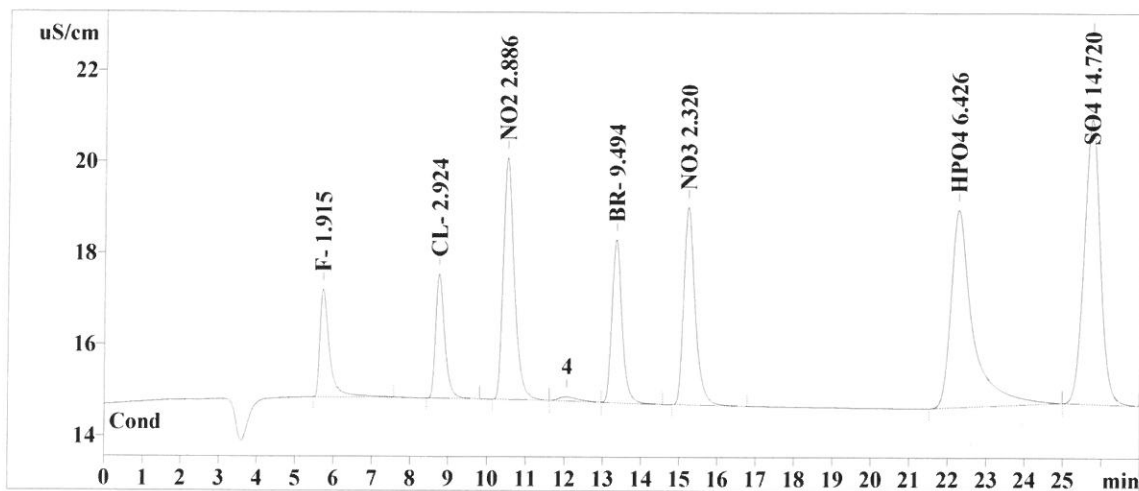
Last save: 12/20/2017 6:46:24 PM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60384

Last save: 12/20/2017 12:45:14 PM

SAMPLE:

: AK/AP
Vial number: 2
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.71	0.239	2.35	8.14	41.104	5.86	0.
2	8.74	0.250	2.71	9.40	45.363	6.47	0.
3	10.50	0.293	5.28	18.30	103.905	14.82	0.
4	13.33	0.276	3.56	12.33	65.777	9.38	0.
5	15.21	0.308	4.32	14.98	90.327	12.88	0.
6	22.26	0.505	4.31	14.95	171.310	24.44	0.
7	25.72	0.438	6.23	21.58	180.114	25.69	0.
7	27.00	0.330	28.76	99.67	697.900	99.55	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/21/2017 11:12:41 AM
Printed by: wet

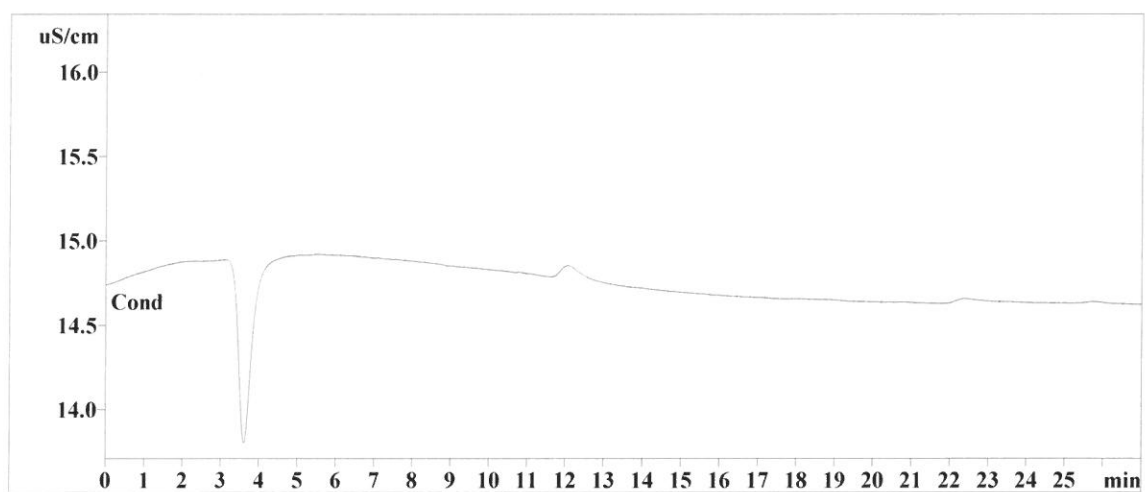
Ident: CCB
Analysis from: 12/20/2017 6:49:29 PM
File: _2017-12-20_

Last save: 12/21/2017 11:12:42 AM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60385

Last save: 12/20/2017 12:45:14 PM

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
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Report date: 12/21/2017 11:18:06 AM
 Printed by: wet

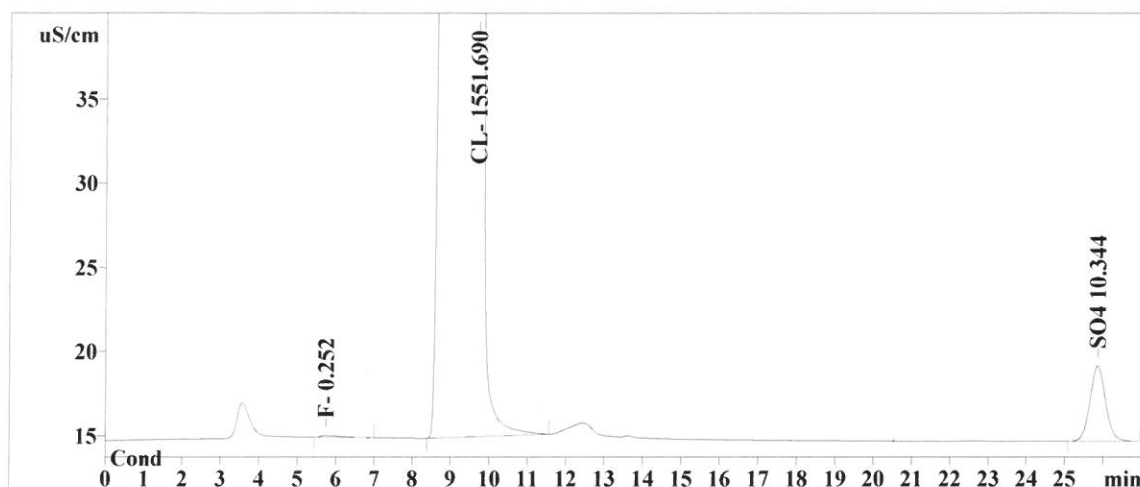
Ident: I7011-02
 Analysis from: 12/20/2017 7:19:24 PM
 File: _2017-12-20_

Last save: 12/21/2017 11:18:04 AM

Method: ANIONS 12-08-17.mtw
 Run operator: wet
 Analysis number: 60386

Last save: 12/20/2017 12:45:14 PM

SAMPLE:
 : AK/AP
 Vial number: 26
 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	0.584	0.09	0.01	3.416	0.01	0.
2	9.70	0.723	591.99	99.16	24863.284	99.49	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.86	0.421	4.47	0.75	124.229	0.50	0.
7	27.00	0.247	596.55	99.93	24990.929	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 12/21/2017 11:18:55 AM
Printed by: wet

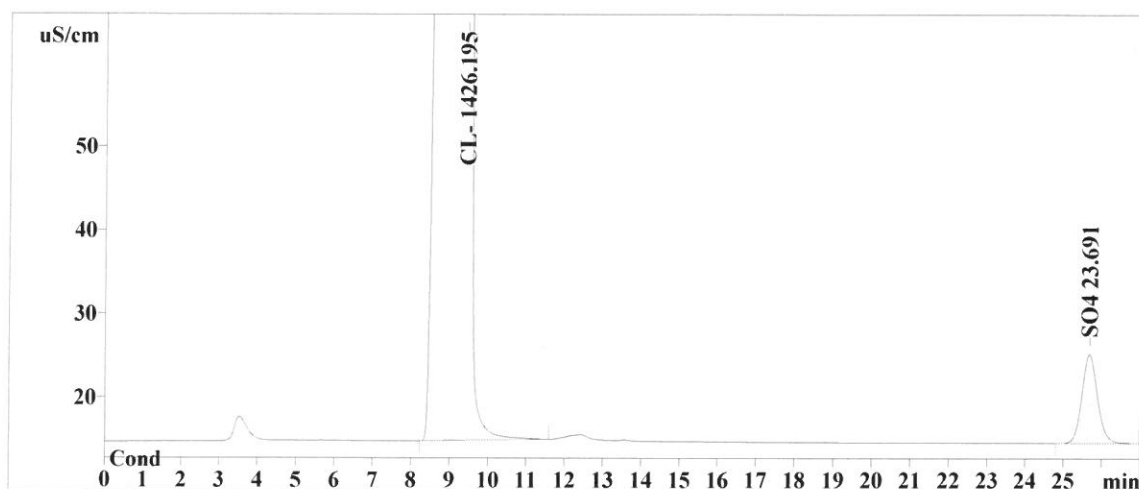
Ident: I7011-03
Analysis from: 12/20/2017 7:49:19 PM
File: _2017-12-20_

Last save: 12/21/2017 11:18:54 AM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60387

Last save: 12/20/2017 12:45:14 PM

SAMPLE:
: AK/AP
Vial number: 27
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	9.44	0.666	594.94	98.22	22852.301	98.73	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.67	0.420	10.59	1.75	294.654	1.27	0.
7	27.00	0.155	605.54	99.97	23146.955	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/22/2017 11:59:28 AM
Printed by: wet

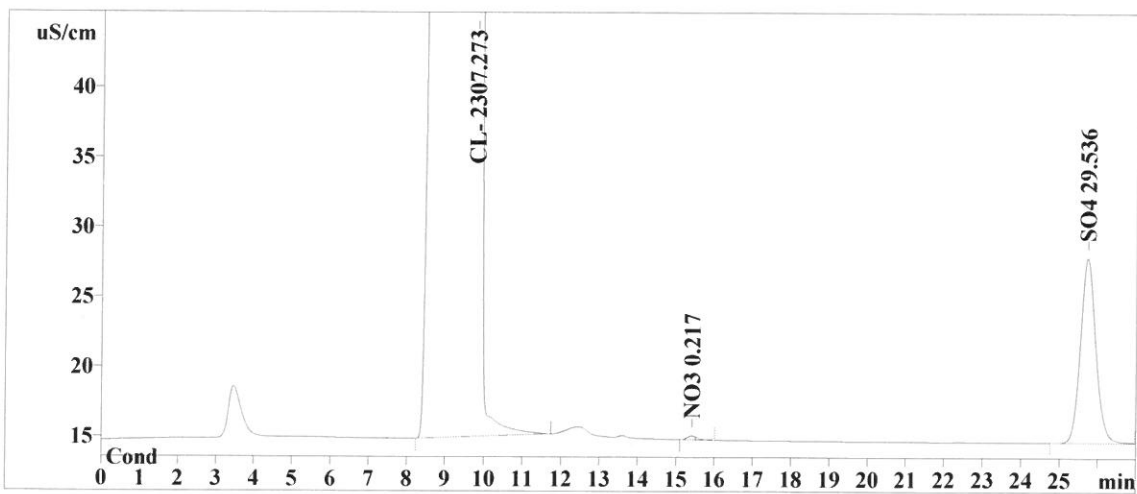
Ident: I7011-05
Analysis from: 12/20/2017 8:19:14 PM
File: _2017-12-20_

Last save: 12/22/2017 11:59:12 AM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60388

Last save: 12/20/2017 12:45:14 PM

SAMPLE:
: AK/AP
Vial number: 28
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	9.80	0.913	714.81	98.18	36970.978	99.00	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	15.41	0.261	0.28	0.04	4.770	0.01	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.72	0.422	13.21	1.81	369.273	0.99	0.
7	27.00	0.228	728.29	100.04	37345.022	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/21/2017 11:21:49 AM
Printed by: wet

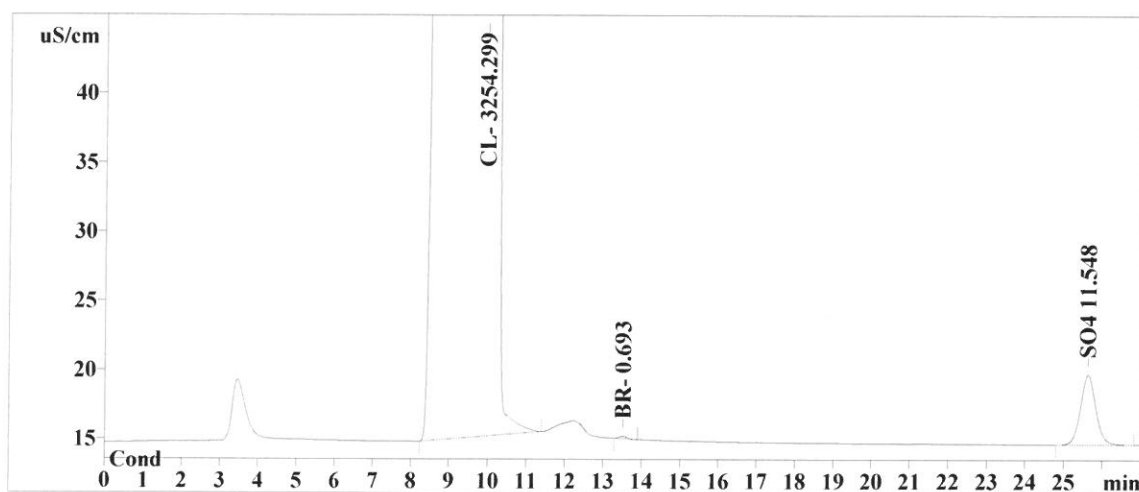
Ident: I7011-06
Analysis from: 12/20/2017 8:49:09 PM
File: _2017-12-20_

Last save: 12/21/2017 11:21:50 AM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60389

Last save: 12/20/2017 12:45:14 PM

SAMPLE:
: AK/AP
Vial number: 29
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	9.97	1.243	732.69	99.29	52146.434	99.73	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.52	0.216	0.18	0.02	2.468	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.62	0.416	5.06	0.69	139.607	0.27	0.
7	27.00	0.268	737.94	100.00	52288.509	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/21/2017 11:23:40 AM
Printed by: wet

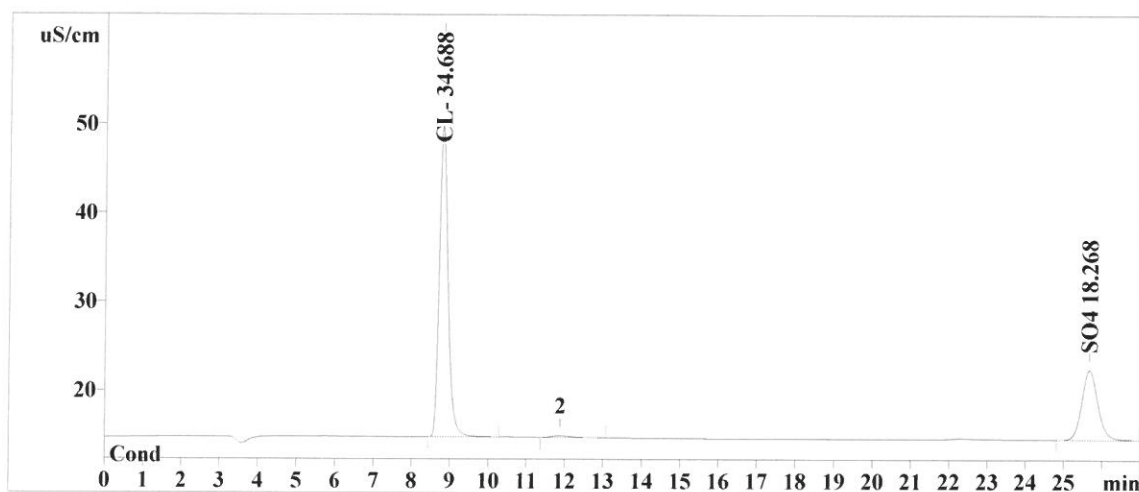
Ident: I6991-01DLX2
Analysis from: 12/20/2017 9:19:04 PM
File: _2017-12-20_

Last save: 12/21/2017 11:23:42 AM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60390

Last save: 12/20/2017 12:45:14 PM

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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.79	0.238	34.98	81.35	554.363	70.49	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.67	0.433	7.84	18.23	225.411	28.66	0.
7	27.00	0.096	42.83	99.58	779.774	99.16	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/21/2017 11:24:34 AM
Printed by: wet

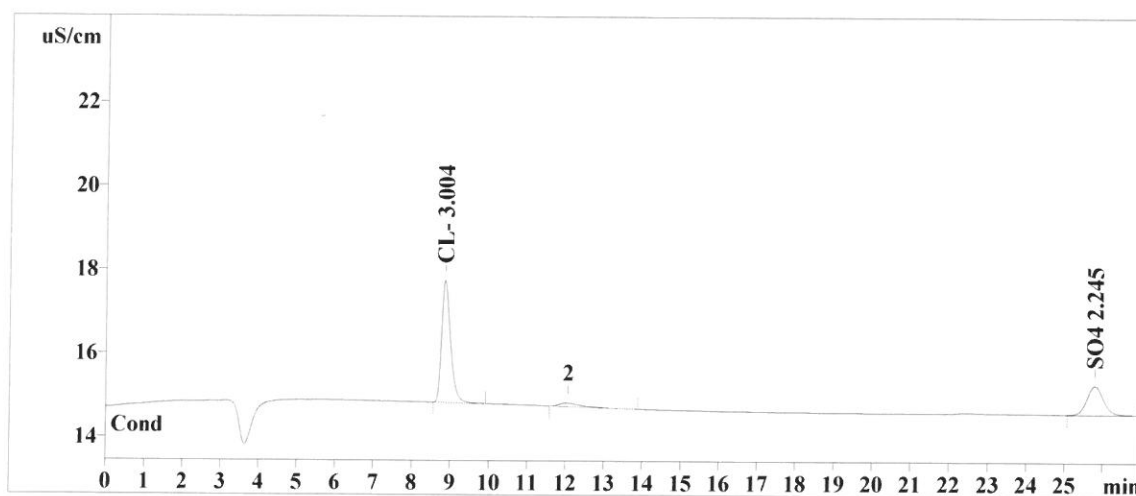
Ident: I6991-01DLX20
Analysis from: 12/20/2017 9:48:59 PM
File: _2017-12-20_

Last save: 12/20/2017 10:15:48 PM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60391

Last save: 12/20/2017 12:45:14 PM

SAMPLE:
: AK/AP
Vial number: 19
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.85	0.240	2.91	78.88	46.654	65.78	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.80	0.455	0.69	18.73	20.824	29.36	0.
7	27.00	0.099	3.60	97.60	67.477	95.14	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/21/2017 11:25:13 AM
Printed by: wet

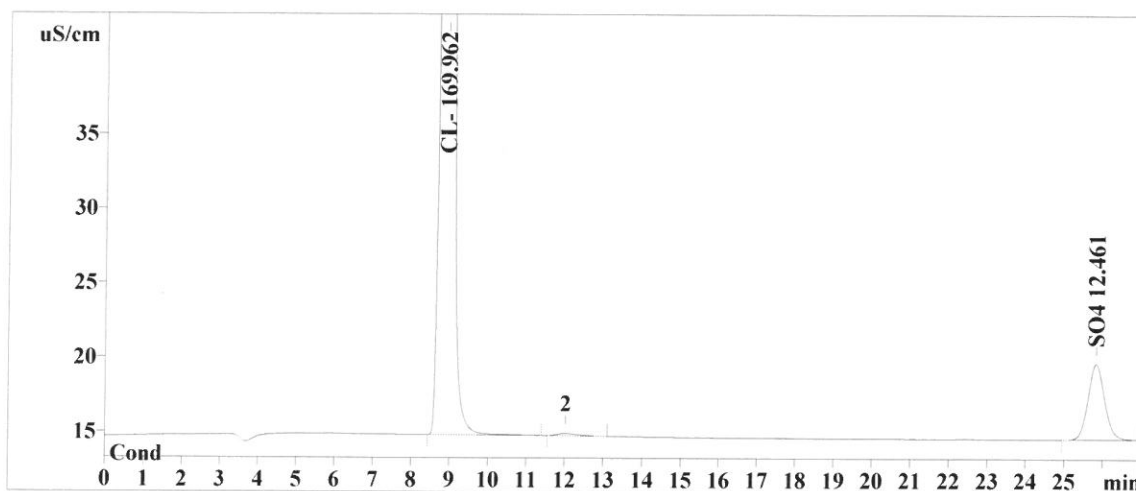
Ident: I6991-02DLX10
Analysis from: 12/20/2017 10:18:53 PM
File: _2017-12-20_

Last save: 12/20/2017 10:45:42 PM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60392

Last save: 12/20/2017 12:45:14 PM

SAMPLE:
: AK/AP
Vial number: 20
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.92	0.248	169.87	96.99	2722.031	94.55	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.83	0.449	5.09	2.91	151.259	5.25	0.
7	27.00	0.100	174.96	99.90	2873.290	99.80	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/21/2017 11:29:12 AM
Printed by: wet

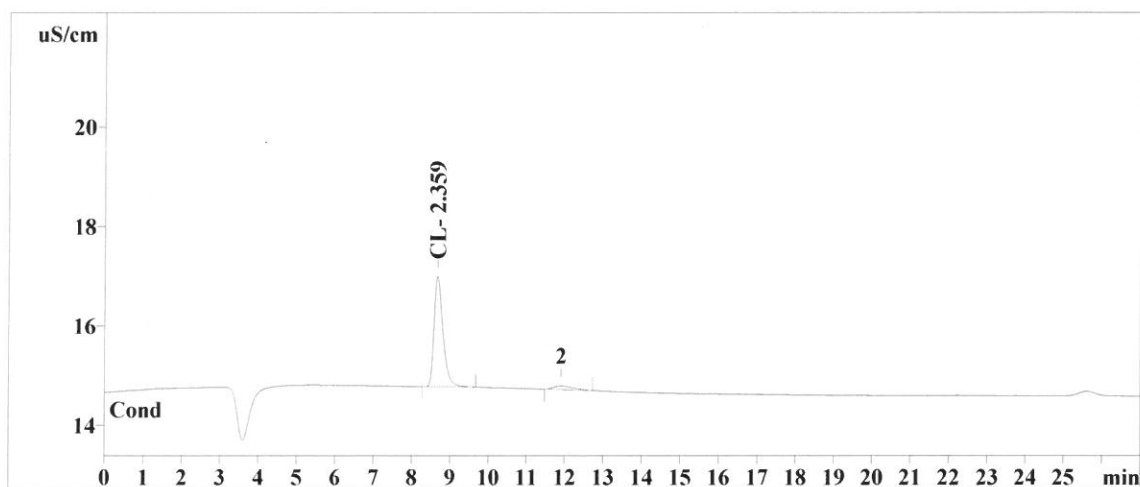
Ident: I6991-02DLX500
Analysis from: 12/20/2017 10:48:48 PM
File: _2017-12-20_

Last save: 12/21/2017 11:29:12 AM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60393

Last save: 12/20/2017 12:45:14 PM

SAMPLE:
: AK/AP
Vial number: 21
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	8.67	0.245	2.22	96.63	36.304	93.29	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	27.00	0.035	2.22	96.63	36.304	93.29	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/21/2017 11:35:11 AM
Printed by: wet

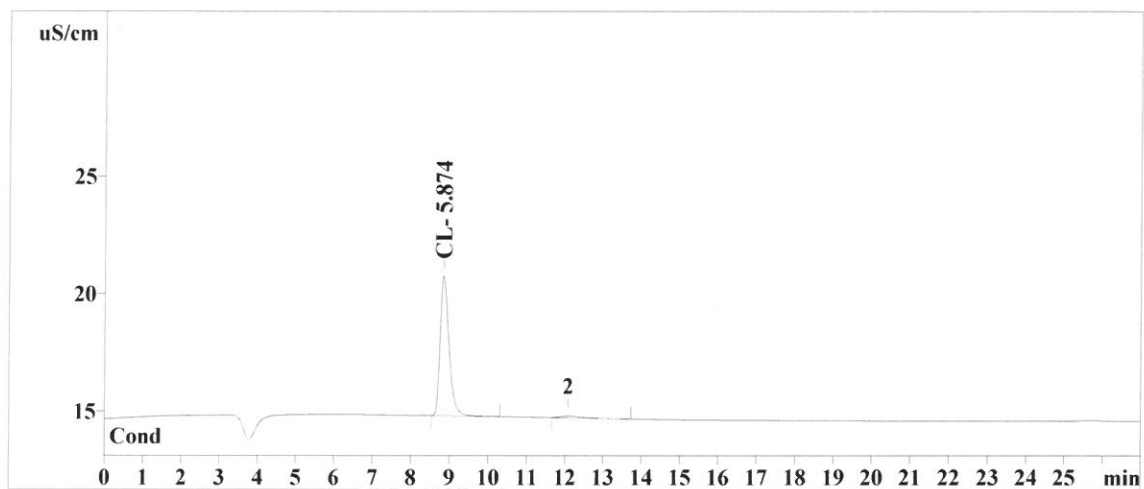
Ident: I6991-03DLX100
Analysis from: 12/20/2017 11:18:43 PM
File: _2017-12-20_

Last save: 12/21/2017 11:35:08 AM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60394

Last save: 12/20/2017 12:45:14 PM

SAMPLE:
: AK/AP
Vial number: 22
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	8.84	0.233	5.93	98.63	92.635	96.60	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	27.00	0.033	5.93	98.63	92.635	96.60	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/21/2017 11:36:40 AM
Printed by: wet

Ident: I6991-07DLX200
Analysis from: 12/20/2017 11:48:38 PM
File: _2017-12-20_

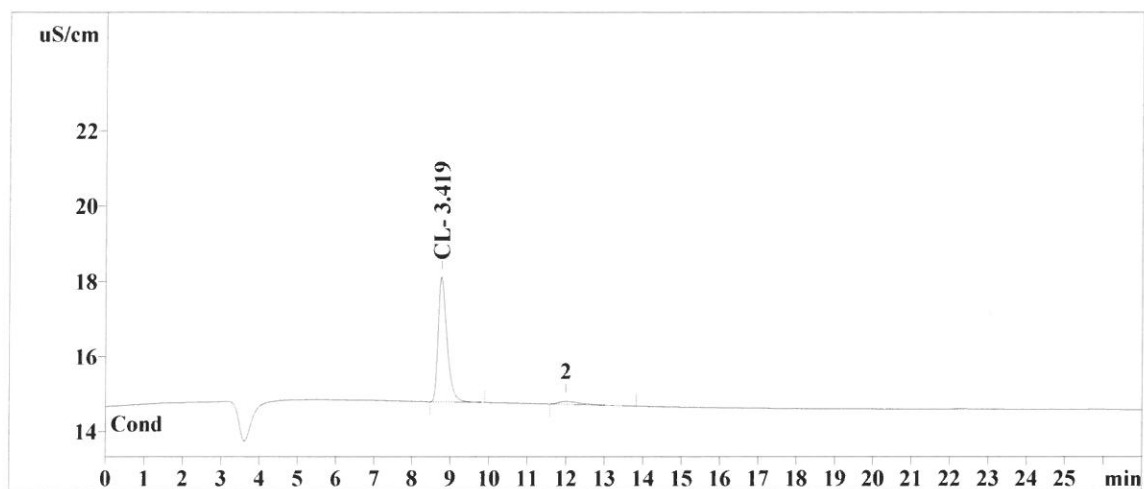
Last save: 12/21/2017 12:15:28 AM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60395

Last save: 12/20/2017 12:45:14 PM

SAMPLE:

: AK/AP
Vial number: 23
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	8.77	0.240	3.32	97.58	53.294	94.22	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	27.00	0.034	3.32	97.58	53.294	94.22	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/21/2017 11:37:02 AM
Printed by: wet

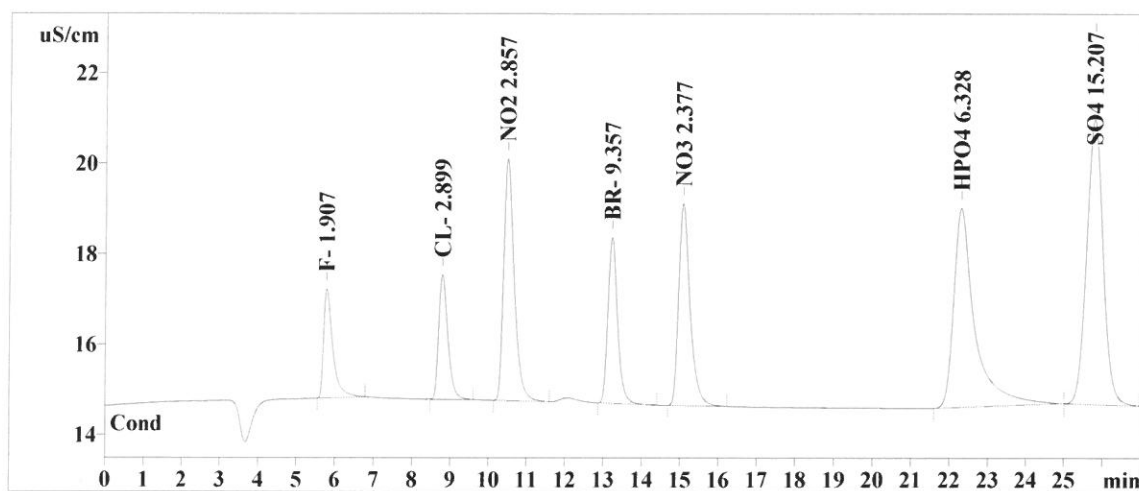
Ident: CCV
Analysis from: 12/21/2017 12:18:33 AM
File: _2017-12-21_

Last save: 12/21/2017 12:45:22 AM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60396

Last save: 12/20/2017 12:45:14 PM

SAMPLE:
: AK/AP
Vial number: 2
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.78	0.244	2.40	8.20	40.934	5.84	0.
2	8.78	0.246	2.75	9.37	44.956	6.41	0.
3	10.48	0.288	5.35	18.24	102.842	14.66	0.
4	13.22	0.264	3.66	12.50	64.792	9.24	0.
5	15.07	0.307	4.46	15.21	92.627	13.21	0.
6	22.29	0.489	4.40	15.02	168.936	24.09	0.
7	25.77	0.449	6.29	21.46	186.320	26.56	0.
7	27.00	0.327	29.31	99.99	701.407	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/21/2017 11:37:15 AM
Printed by: wet

Ident: CCB
Analysis from: 12/21/2017 12:48:28 AM
File: _2017-12-21_

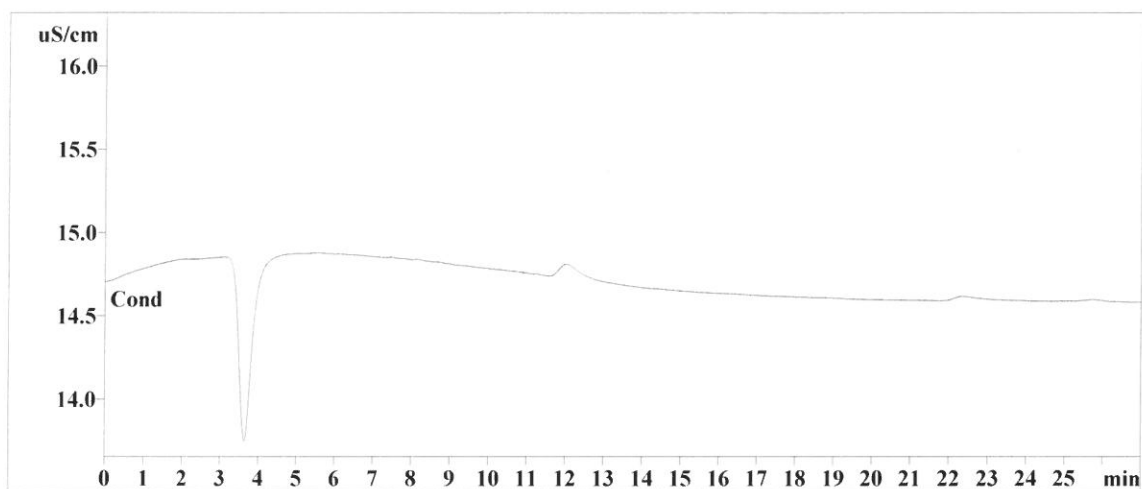
Last save: 12/21/2017 1:15:18 AM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60397

Last save: 12/20/2017 12:45:14 PM

SAMPLE:

: AK/AP
Vial number: 3
Volume: 20.0 μ L
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 12/21/2017 11:39:33 AM
Printed by: wet

Ident: I6991-09DLX100
Analysis from: 12/21/2017 1:18:23 AM
File: _2017-12-21_

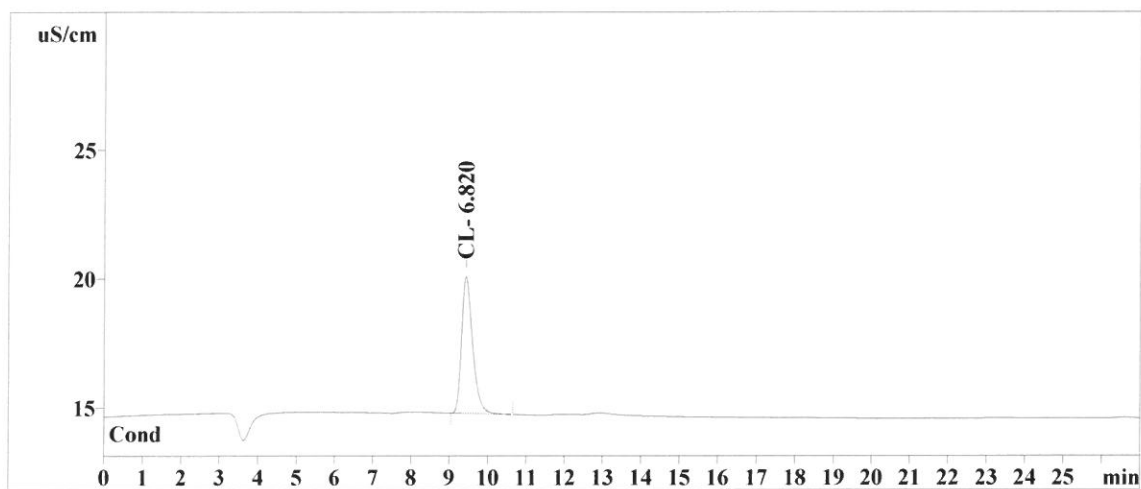
Last save: 12/21/2017 11:39:28 AM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60398

Last save: 12/20/2017 12:45:14 PM

SAMPLE:

: AK/AP
Vial number: 24
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	9.43	0.306	5.30	99.99	107.787	100.00	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	27.00	0.044	5.30	99.99	107.787	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/21/2017 11:43:00 AM
Printed by: wet

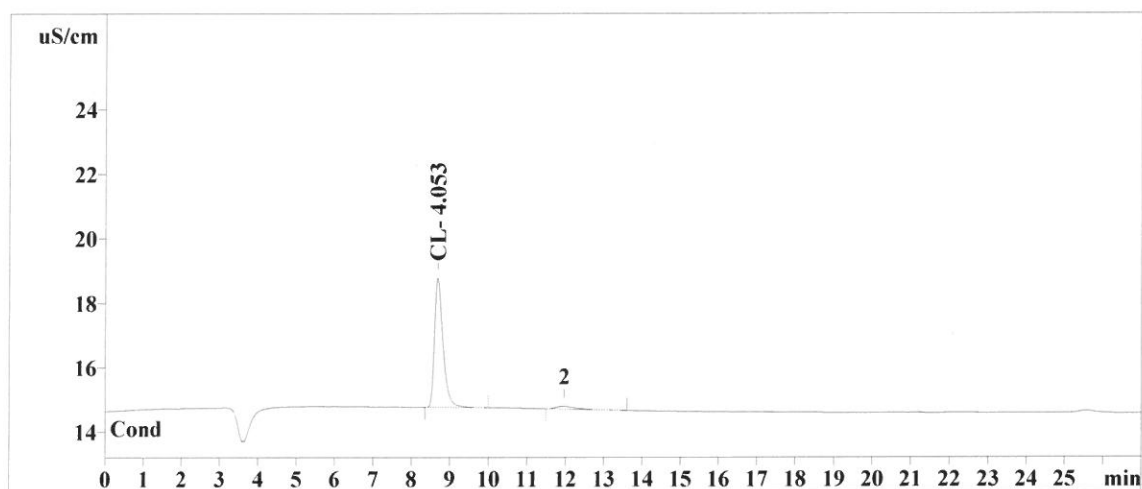
Ident: I6991-08DLX100
Analysis from: 12/21/2017 1:48:17 AM
File: _2017-12-21_

Last save: 12/21/2017 11:43:00 AM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60399

Last save: 12/20/2017 12:45:14 PM

SAMPLE:
: AK/AP
Vial number: 25
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	8.68	0.235	4.00	97.84	63.451	94.98	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	27.00	0.034	4.00	97.84	63.451	94.98	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/21/2017 11:43:17 AM
Printed by: wet

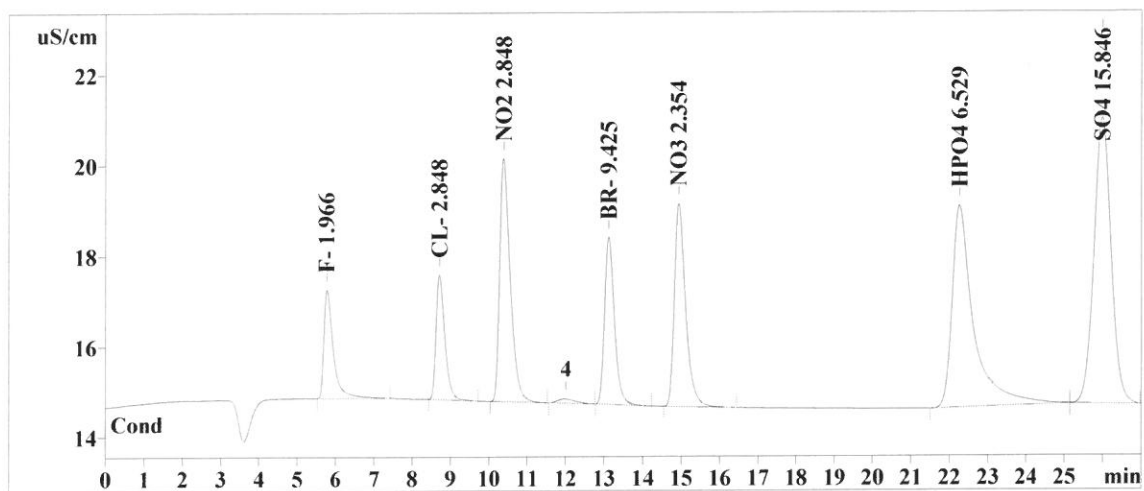
Ident: CCV
Analysis from: 12/21/2017 2:18:12 AM
File: _2017-12-21_

Last save: 12/21/2017 2:45:02 AM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60400

Last save: 12/20/2017 12:45:14 PM

SAMPLE:
: AK/AP
Vial number: 2
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.77	0.244	2.39	8.09	42.273	5.89	0.
2	8.71	0.240	2.75	9.32	44.141	6.15	0.
3	10.39	0.285	5.37	18.15	102.485	14.29	0.
4	13.12	0.264	3.69	12.49	65.281	9.10	0.
5	14.93	0.301	4.49	15.17	91.702	12.79	0.
6	22.26	0.494	4.46	15.09	173.809	24.23	0.
7	25.98	0.468	6.32	21.36	194.484	27.12	0.
7	27.00	0.328	29.47	99.67	714.176	99.58	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/21/2017 11:43:42 AM
Printed by: wet

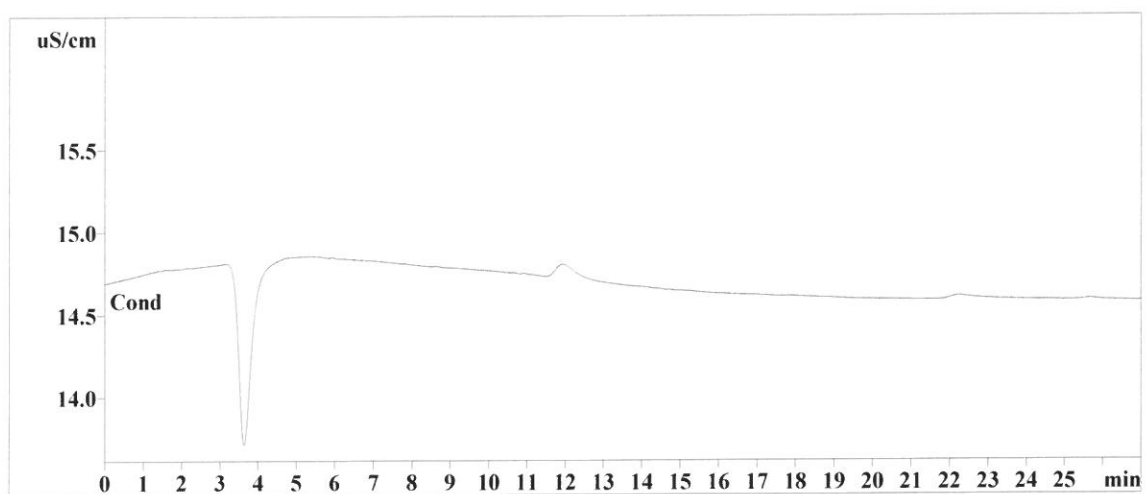
Ident: CCB
Analysis from: 12/21/2017 2:48:07 AM
File: _2017-12-21_

Last save: 12/21/2017 11:43:42 AM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60401

Last save: 12/20/2017 12:45:14 PM

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 12/22/2017 11:10:27 AM
Printed by: wet

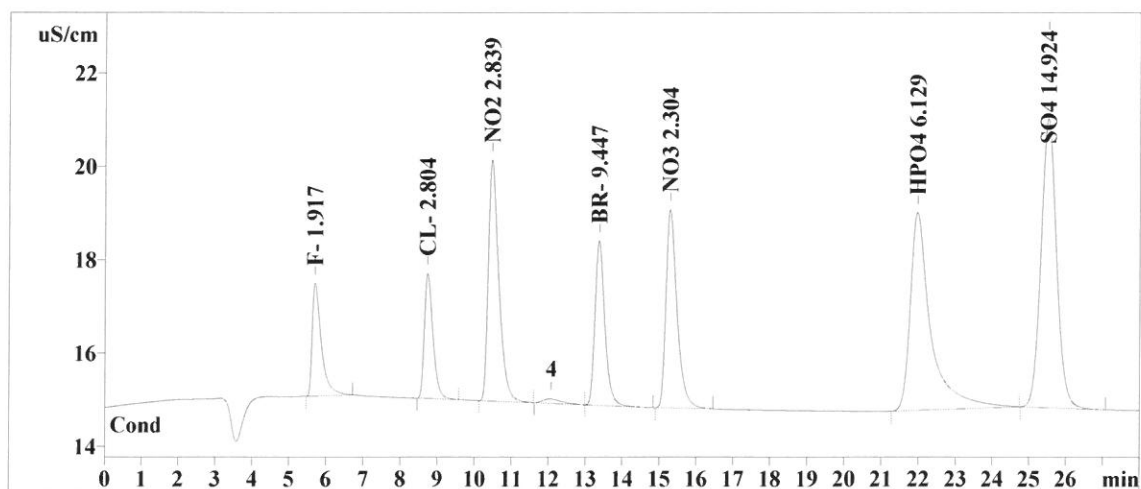
Ident: CCV
Analysis from: 12/21/2017 9:24:13 AM
File: _2017-12-21_

Last save: 12/21/2017 9:52:02 AM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60405

Last save: 12/21/2017 9:49:08 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	5.71	0.242	2.41	8.46	41.151	5.95	0.
2	8.73	0.244	2.68	9.39	43.445	6.28	0.
3	10.47	0.296	5.16	18.07	102.148	14.76	0.
4	13.37	0.276	3.52	12.33	65.435	9.46	0.
5	15.29	0.312	4.24	14.87	89.686	12.96	0.
6	21.97	0.491	4.23	14.84	164.086	23.71	0.
7	25.52	0.446	6.19	21.69	182.709	26.40	0.
7	28.00	0.330	28.43	99.65	688.661	99.52	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/22/2017 11:11:03 AM
Printed by: wet

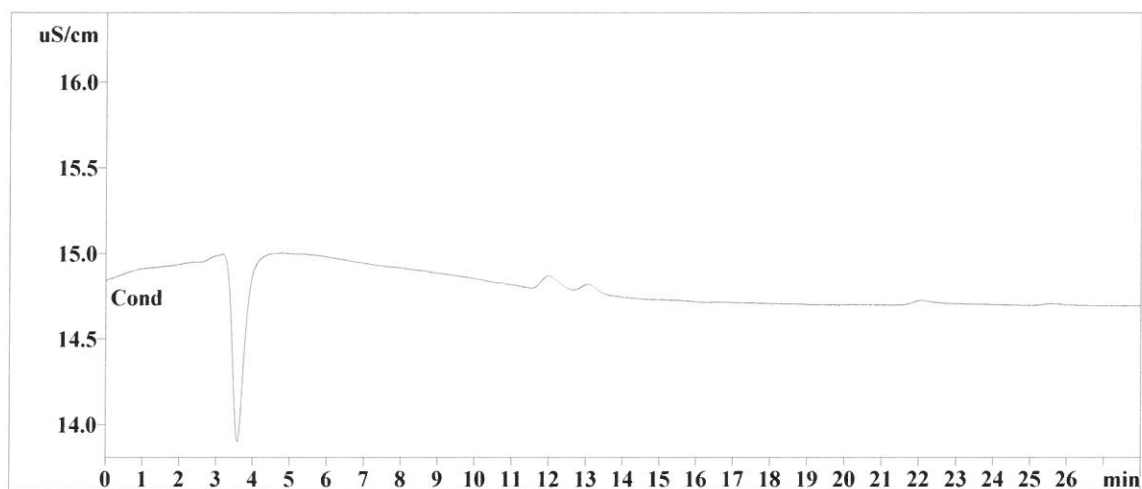
Ident: CCB
Analysis from: 12/21/2017 10:09:27 AM
File: _2017-12-21_

Last save: 12/22/2017 11:11:02 AM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60407

Last save: 12/20/2017 12:45:14 PM

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 12/22/2017 11:11:22 AM
Printed by: wet

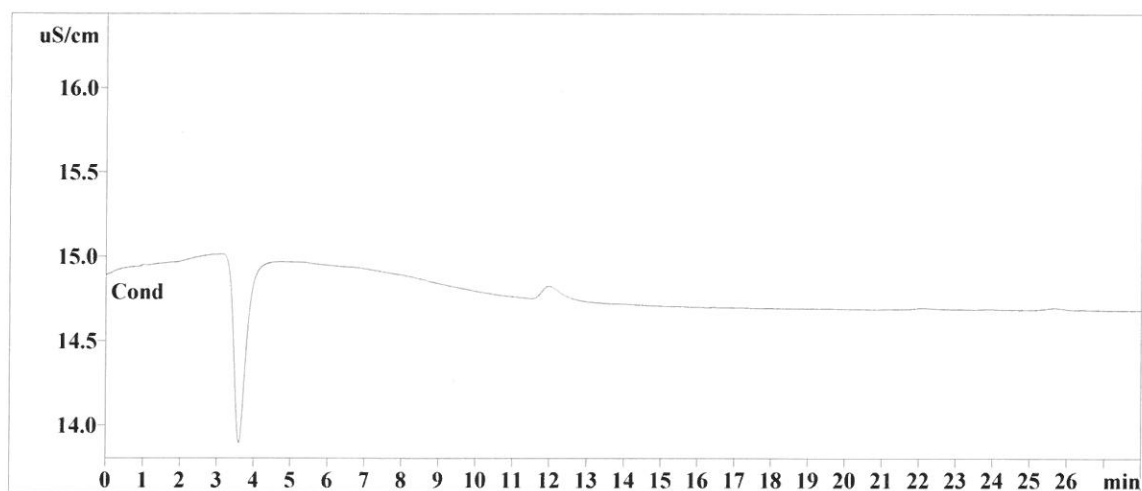
Ident: LB92306BLW ✓
Analysis from: 12/21/2017 10:40:21 AM
File: _2017-12-21_

Last save: 12/22/2017 11:11:22 AM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60408

Last save: 12/21/2017 9:49:08 AM

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



Quantitation method: Custom

No peaks

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Report date: 12/22/2017 11:11:36 AM
Printed by: wet

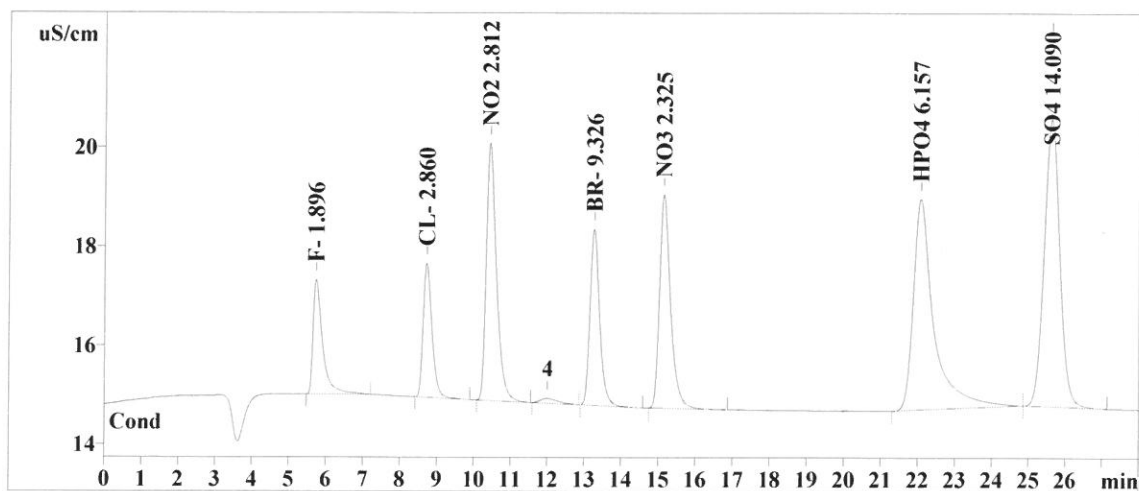
Ident: LB92306BSW ✓
Analysis from: 12/21/2017 11:11:16 AM
File: _2017-12-21_

Last save: 12/22/2017 8:46:06 AM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60409

Last save: 12/21/2017 9:49:08 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	0.243	2.31	8.17	40.687	5.97	0.
2	8.71	0.245	2.71	9.59	44.346	6.51	0.
3	10.43	0.291	5.20	18.41	101.150	14.84	0.
4	13.26	0.271	3.56	12.60	64.570	9.48	0.
5	15.13	0.309	4.31	15.28	90.532	13.29	0.
6	22.06	0.492	4.25	15.07	164.775	24.18	0.
7	25.61	0.450	5.80	20.54	172.068	25.25	0.
7	28.00	0.329	28.12	99.65	678.128	99.52	0.

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Report date: 12/22/2017 11:13:43 AM
Printed by: wet

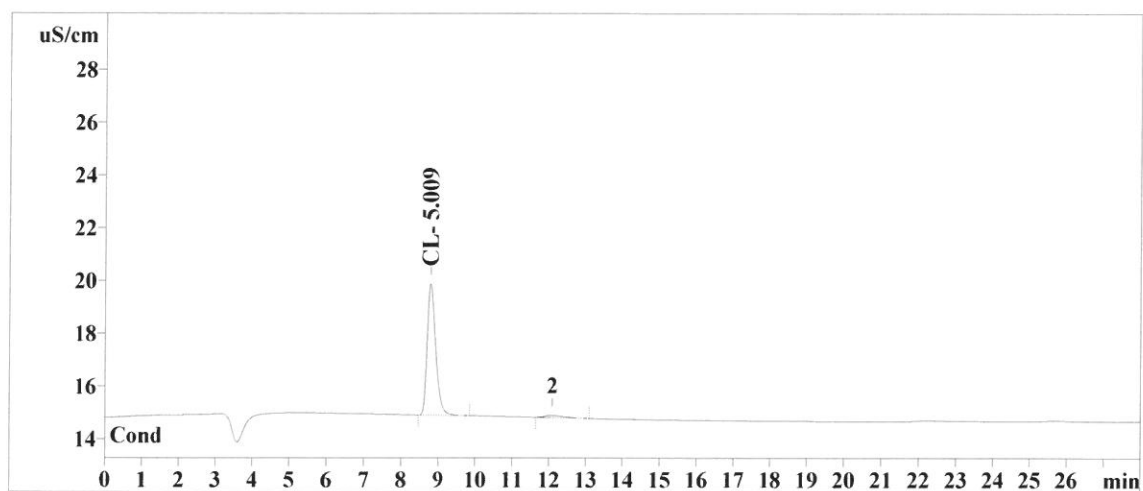
Ident: I7011-02DLX200
Analysis from: 12/21/2017 11:44:37 AM
File: _2017-12-21_

Last save: 12/22/2017 11:13:38 AM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60410

Last save: 12/21/2017 9:49:08 AM

SAMPLE:
: AK/AP
Vial number: 30
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	8.78	0.236	4.99	98.34	78.774	96.30	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	28.00	0.034	4.99	98.34	78.774	96.30	0.

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Report date: 12/22/2017 11:15:29 AM
Printed by: wet

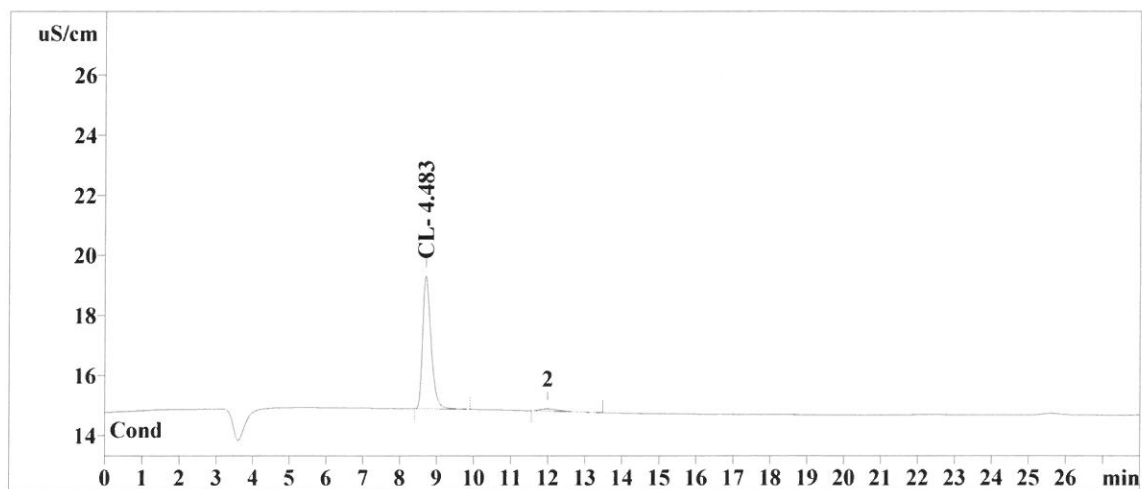
Ident: I7011-03DLX200
Analysis from: 12/21/2017 12:15:31 PM
File: _2017-12-21_

Last save: 12/22/2017 11:15:30 AM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60411

Last save: 12/21/2017 9:49:08 AM

SAMPLE:
: AK/AP
Vial number: 31
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	8.70	0.238	4.41	98.22	70.344	95.91	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	28.00	0.034	4.41	98.22	70.344	95.91	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/22/2017 12:00:39 PM
Printed by: wet

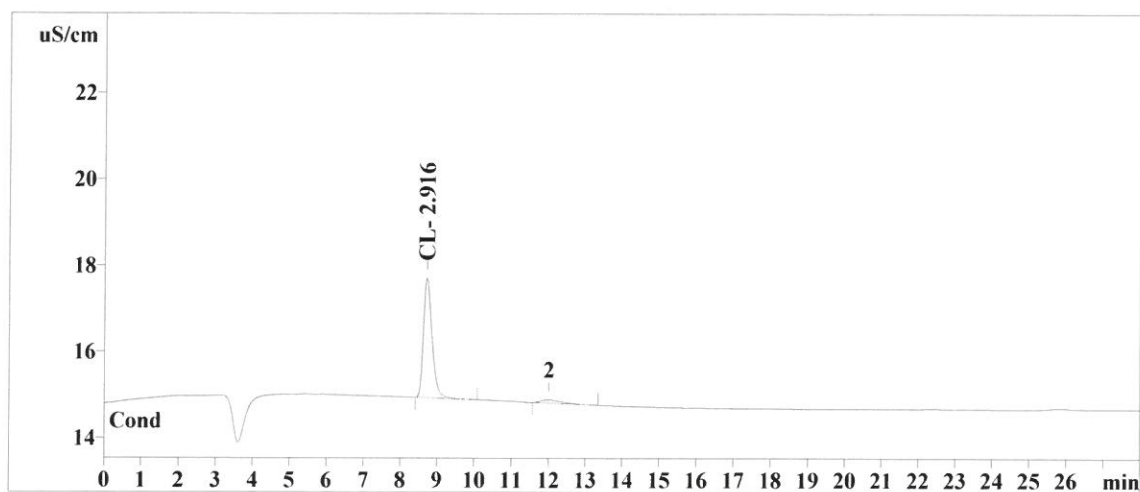
Ident: I7011-05DLX500
Analysis from: 12/21/2017 12:46:26 PM
File: _2017-12-21_

Last save: 12/22/2017 11:52:42 AM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60412

Last save: 12/21/2017 9:49:08 AM

SAMPLE:
: AK/AP
Vial number: 32
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	8.71	0.244	2.77	97.14	45.235	93.69	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	28.00	0.035	2.77	97.14	45.235	93.69	0.

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Report date: 12/22/2017 11:18:08 AM
Printed by: wet

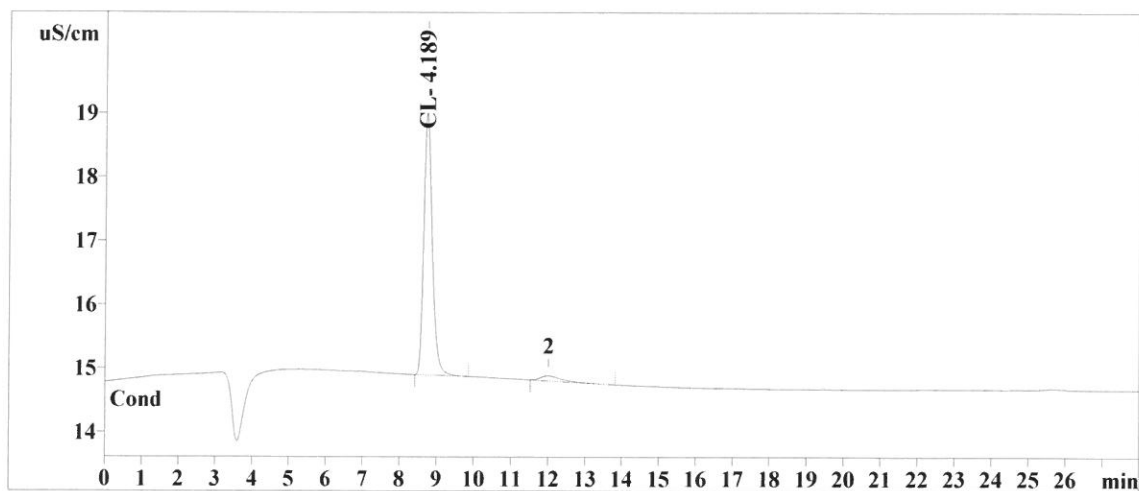
Ident: I7011-06DLX500
Analysis from: 12/21/2017 1:17:20 PM
File: _2017-12-21_

Last save: 12/22/2017 11:18:08 AM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60413

Last save: 12/21/2017 9:49:08 AM

SAMPLE:
: AK/AP
Vial number: 33
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	8.72	0.239	4.11	98.02	65.634	95.25	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	28.00	0.034	4.11	98.02	65.634	95.25	0.

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Report date: 12/22/2017 11:19:04 AM
 Printed by: wet

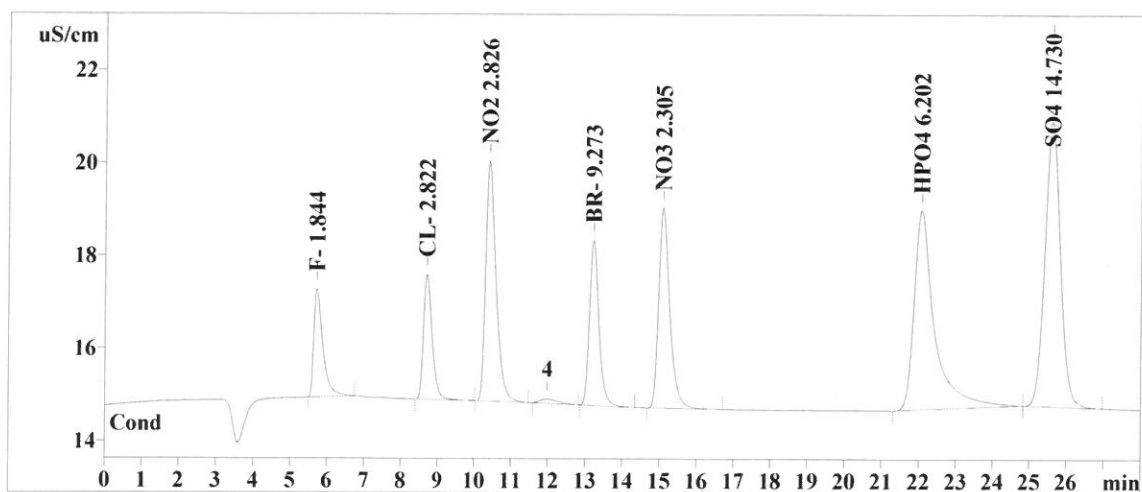
Ident: CCV
 Analysis from: 12/21/2017 1:48:15 PM
 File: _2017-12-21_

Last save: 12/21/2017 2:16:04 PM

Method: ANIONS 12-08-17.mtw
 Run operator: wet
 Analysis number: 60414

Last save: 12/21/2017 9:49:08 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	5.72	0.243	2.33	8.13	39.511	5.74	0.
2	8.70	0.242	2.69	9.40	43.727	6.36	0.
3	10.40	0.294	5.17	18.08	101.665	14.78	0.
4	13.22	0.269	3.56	12.45	64.185	9.33	0.
5	15.08	0.306	4.32	15.09	89.697	13.04	0.
6	22.06	0.492	4.29	15.00	165.878	24.11	0.
7	25.60	0.444	6.15	21.51	180.234	26.19	0.
7	28.00	0.327	28.51	99.66	684.896	99.54	0.

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Report date: 12/22/2017 11:19:26 AM
Printed by: wet

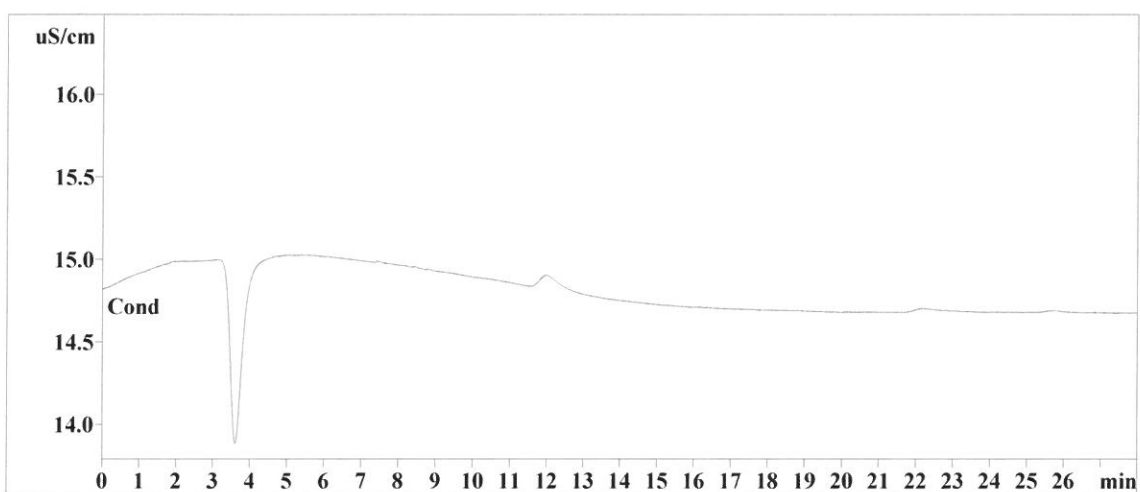
Ident: CCB
Analysis from: 12/21/2017 2:19:47 PM
File: _2017-12-21_

Last save: 12/22/2017 11:19:26 AM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60415

Last save: 12/21/2017 9:49:08 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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METROHM LTD