

0000

IC-1

11-30-17

198

Clear table

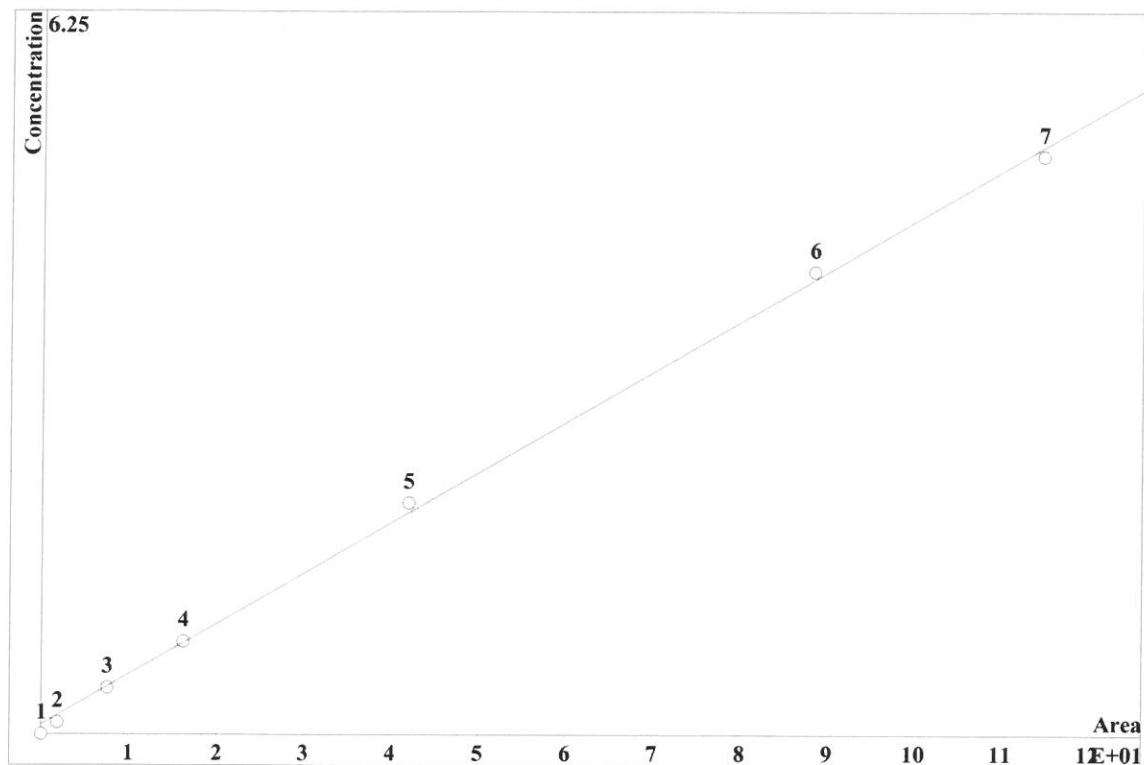
ident	concentrati on F-	concentrati on CL-	concentrati on NO2	concentrati on BR-	concentrati on NO3	concentrati on HPO4	concentrati on SO4	file name	date time
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2017-11-27_	11/27/17 11:32
STD2	0.1500	0.1500	0.2790	0.8240	0.0900	-0.2380	0.7500	_2017-11-27_	11/27/17 12:03
STD3	0.3960	0.5800	0.6250	2.1100	0.4120	0.9000	2.7410	_2017-11-27_	11/27/17 12:34
STD4	0.7630	1.1520	1.1400	3.9090	0.8630	2.2790	5.5390	_2017-11-27_	11/27/17 13:06
STD5	1.8560	2.8160	2.8040	9.3220	2.3230	5.1620	14.9910	_2017-11-27_	11/27/17 13:38
STD6	3.8510	5.7550	5.7860	19.1690	4.7860	9.5950	30.2710	_2017-11-27_	11/27/17 14:10
STD7	5.0810	7.6500	7.6720	25.5580	6.4000	12.1040	38.4230	_2017-11-27_	11/27/17 14:42
CCV	1.9370	2.9910	2.9180	9.6580	2.3910	5.6300	14.3140	_2017-11-27_	11/27/17 15:14
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2017-11-27_	11/27/17 15:45
ICV	2.0210	2.9440	2.9700	9.7710	2.4360	5.9270	14.6470	_2017-11-27_	11/27/17 16:17
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2017-11-27_	11/27/17 16:50
LB91791BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2017-11-27_	11/27/17 17:22
LB91791BSW	1.9840	2.9220	2.9090	9.8320	2.4130	5.8230	14.3390	_2017-11-27_	11/27/17 17:54
I6586-01	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2017-11-27_	11/27/17 18:26
I6586-02	0.0000	9.7910	0.0000	0.0000	0.0000	0.0000	1418.4200	_2017-11-27_	11/27/17 18:57
I6586-05	0.1300	10.2690	0.0000	0.0000	0.1800	0.0000	1220.4390	_2017-11-27_	11/27/17 19:29
I6586-06	0.0000	4.6160	0.0000	0.0000	0.0000	0.0000	352.8460	_2017-11-27_	11/27/17 20:01
I6586-07	0.0000	4.5800	0.0000	0.0000	0.0000	0.0000	347.5530	_2017-11-27_	11/27/17 20:33
I6586-08	0.0000	3.4420	0.0000	0.0000	0.0000	0.0000	75.2370	_2017-11-27_	11/27/17 21:05
I6586-09	0.0000	6.6050	0.0000	0.0000	0.8640	0.0000	12.9770	_2017-11-27_	11/27/17 21:37
I6586-10	0.0000	38.3950	0.0000	0.0000	0.8830	0.0000	21.0350	_2017-11-27_	11/27/17 22:09
CCV	1.9250	2.9600	2.8650	9.7870	2.4200	5.6860	14.4200	_2017-11-27_	11/27/17 22:41
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2017-11-27_	11/27/17 23:13
I6586-11	0.0000	40.4810	0.0000	0.0000	0.7560	0.0000	20.5810	_2017-11-27_	11/27/17 23:45
I6586-12	0.0000	42.5070	0.0000	0.0000	0.5470	0.0000	10.0140	_2017-11-28_	11/28/17 0:16
I6586-02DUP	0.0000	9.9920	0.0000	0.0000	0.0000	0.0000	1515.3990	_2017-11-28_	11/28/17 0:48
I6586-03MS	2.3080	12.7770	4.4620	12.1030	3.0020	0.6370	1312.6080	_2017-11-28_	11/28/17 1:20
I6586-04MSD	2.3430	12.9920	4.5770	12.1790	3.0420	0.6940	1335.4860	_2017-11-28_	11/28/17 1:52
I6591-01DLX20	0.0000	7.4820	0.0000	0.0000	0.0000	0.0000	0.0000	_2017-11-28_	11/28/17 2:24

I6591-02DLX20	0.0000	6.8110	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-11-28	11/28/17 2:56
I6591-03DLX10	0.0000	3.2600	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-11-28	11/28/17 3:28
I6591-04DLX10	0.0000	5.2850	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-11-28	11/28/17 4:00
I6591-05DLX5	0.0000	6.0160	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-11-28	11/28/17 4:32
CCV	2.0020	2.9770	2.9510	9.8610	2.4420	5.5690	14.8210	0.0000	2017-11-28	11/28/17 5:04
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-11-28	11/28/17 5:35
CCV	2.0110	3.0150	3.0220	9.9290	2.4690	5.3740	14.7560	0.0000	2017-11-28	11/28/17 9:00
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-11-28	11/28/17 9:39
LB91791BLW2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-11-28	11/28/17 10:10
LB91791BSW2	2.1000	3.0170	3.0460	9.9670	2.4730	6.0800	14.8180	0.0000	2017-11-28	11/28/17 10:42
I6586-02DLX50	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	22.1720	0.0000	2017-11-28	11/28/17 11:22
I6586-05DLX50	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	18.7840	0.0000	2017-11-28	11/28/17 11:54
I6586-06DLX20	0.0000	0.3090	0.0000	0.0000	0.0000	0.0000	13.8210	0.0000	2017-11-28	11/28/17 12:26
I6586-07DLX20	0.0000	0.3130	0.0000	0.0000	0.0000	0.0000	13.5870	0.0000	2017-11-28	11/28/17 12:57
I6586-08DLX5	0.0000	0.7690	0.0000	0.0000	0.0000	0.0000	13.7080	0.0000	2017-11-28	11/28/17 13:29
CCV	2.0310	3.0290	3.0190	10.0920	2.5000	5.3940	14.9630	0.0000	2017-11-28	11/28/17 14:01
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-11-28	11/28/17 14:33

CALIBRATION OF COMPONENT F-

IC-1 cal
11-27-17

Method: ANIONS 11-27-17.mtw
Equation: $Q = 0.870996 \cdot A + 1.69819$
RSD: 3.631 %
Correlation coefficient: 0.999462

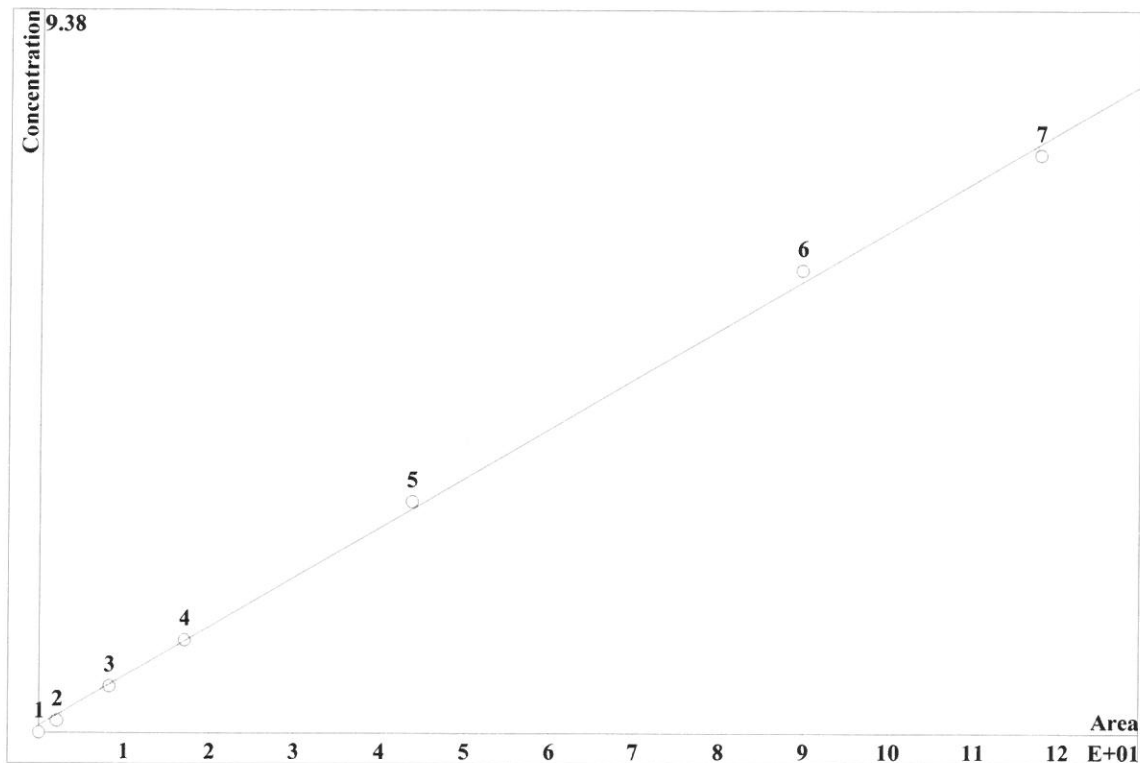


K3 = 0 K2 = 0 K1 = 0.870996 K0 = 1.69819
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.09784	1.813	0.1	20	5.921			Yes
3	0.404	7.546	0.4	20	5.921			Yes
4	0.9054	16.22	0.8	20	5.921			Yes
5	2.466	42.06	2	20	5.921			Yes
6	5.176	88.38	4	20	5.921			Yes
7	6.895	114.7	5	20	5.921			Yes

CALIBRATION OF COMPONENT CL-

Method: ANIONS 11-27-17.mtw
 Equation: $Q = 1.28323 \cdot A + 1.90529$
 RSD: 4.064 %
 Correlation coefficient: 0.999326



K3 = 0 K2 = 0 K1 = 1.28323 K0 = 1.90529

Base: Area

Ref.channel: Cond

ISTD:

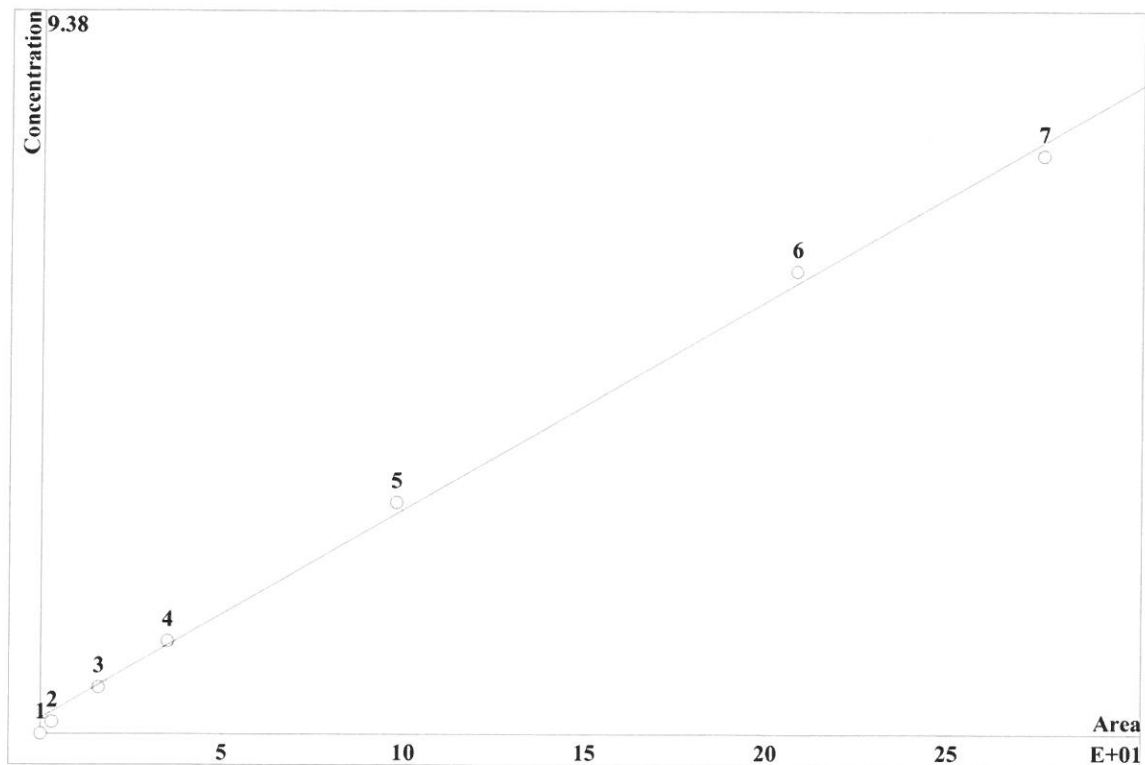
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.1296	2.093	0.15	20	8.982			Yes
3	0.5051	8.305	0.6	20	8.982			Yes
4	1.032	17.1	1.2	20	8.982			Yes
5	2.65	43.75	3	20	8.982			Yes
6	5.567	89.65	6	20	8.982			Yes
7	7.346	117.7	7.5	20	8.982			Yes

CALIBRATION OF COMPONENT NO2

Method: ANIONS 11-27-17.mtw
 Equation: $Q = 0.541172 \cdot A + 4.09824$
 RSD: 5.086 %
 Correlation coefficient: 0.998944



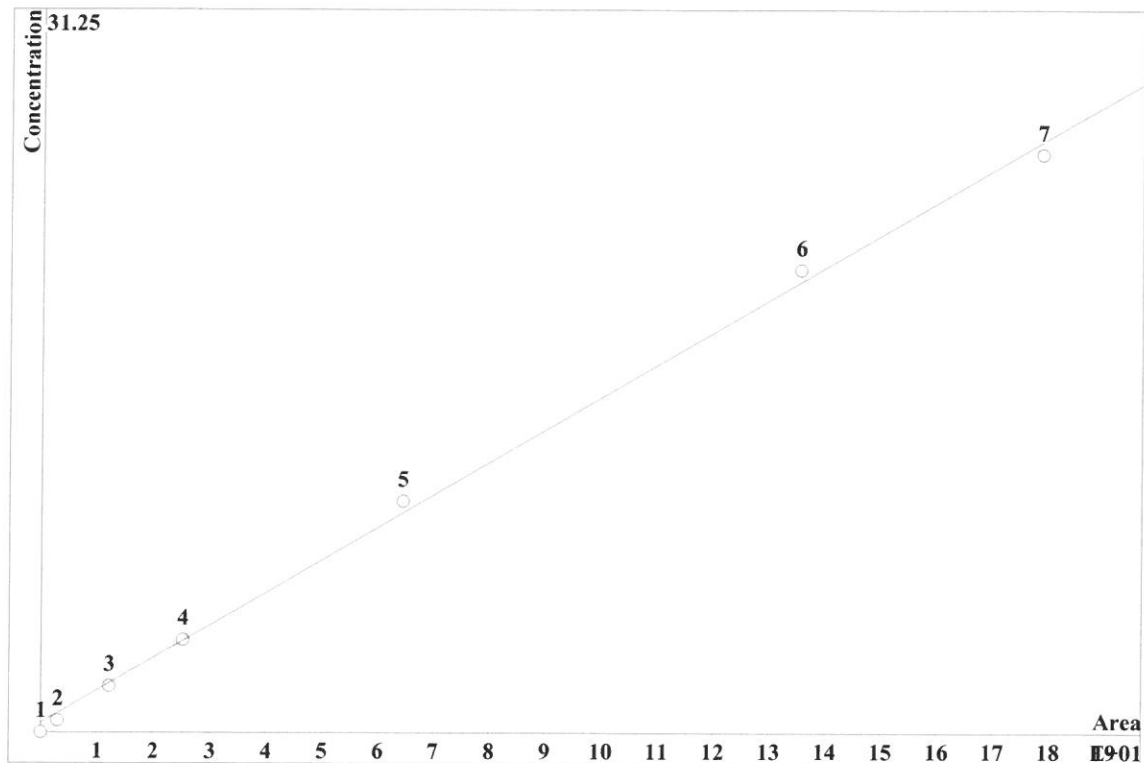
K3 = 0 K2 = 0 K1 = 0.541172 K0 = 4.09824
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.1482	3.079	0.15	20	10.72			Yes
3	0.7874	16.02	0.6	20	10.72			Yes
4	1.718	34.98	1.2	20	10.72			Yes
5	4.732	98.04	3	20	10.72			Yes
6	9.947	208.3	6	20	10.72			Yes
7	12.92	276	7.5	20	10.72			Yes

±□;□

CALIBRATION OF COMPONENT BR-

Method: ANIONS 11-27-17.mtw
 Equation: $Q = 2.81405 \cdot A + 8.50897$
 RSD: 4.769 %
 Correlation coefficient: 0.999071



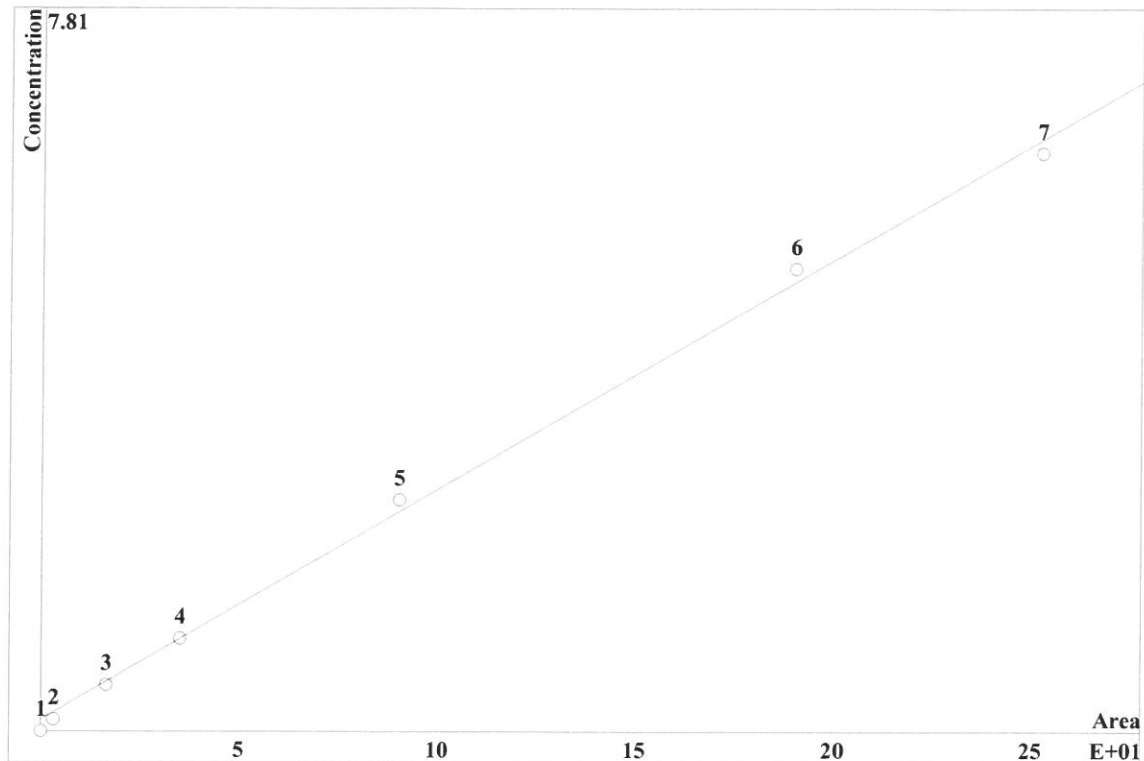
K3 = 0 K2 = 0 K1 = 2.81405 K0 = 8.50897

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

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0		0	0	0			No
2	0.1522	2.936		0.5	20		13.6	Yes
3	0.6403	12.19		2	20		13.6	Yes
4	1.339	25.2		4	20		13.6	Yes
5	3.525	64.54		10	20		13.6	Yes
6	7.522	135.5		20	20		13.6	Yes
7	9.903	178.6		25	20		13.6	Yes

CALIBRATION OF COMPONENT NO3

Method: ANIONS 11-27-17.mtw
 Equation: $Q = 0.496402 \cdot A + 2.59538$
 RSD: 5.040 %
 Correlation coefficient: 0.998963

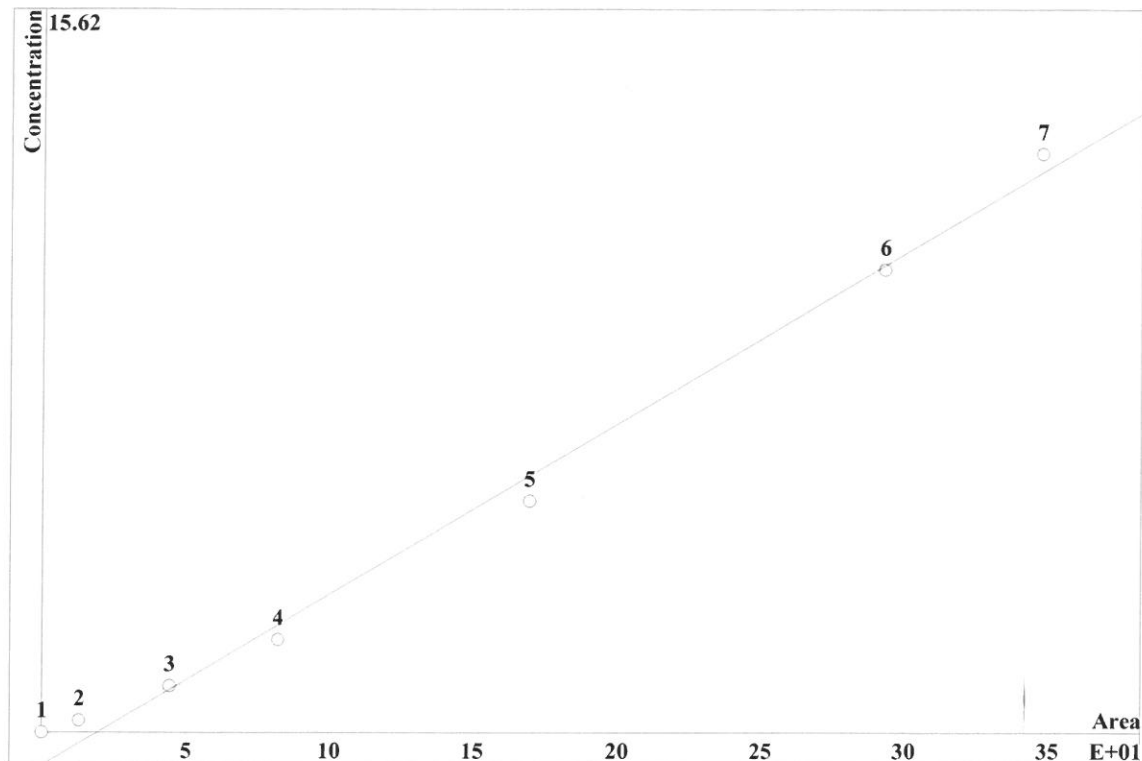


K3 = 0 K2 = 0 K1 = 0.496402 K0 = 2.59538
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.1411	3.122	0.125	20	15.49	Yes	
3	0.753	16.4	0.5	20	15.49	Yes	
4	1.61	35.05	1	20	15.49	Yes	
5	4.241	90.47	2.5	20	15.49	Yes	
6	9.146	190.4	5	20	15.49	Yes	
7	12.12	252.6	6.25	20	15.49	Yes	

CALIBRATION OF COMPONENT HPO4

Method: ANIONS 11-27-17.mtw
 Equation: $Q = 0.737079 \cdot A - 14.1849$
 RSD: 8.803 %
 Correlation coefficient: 0.996833

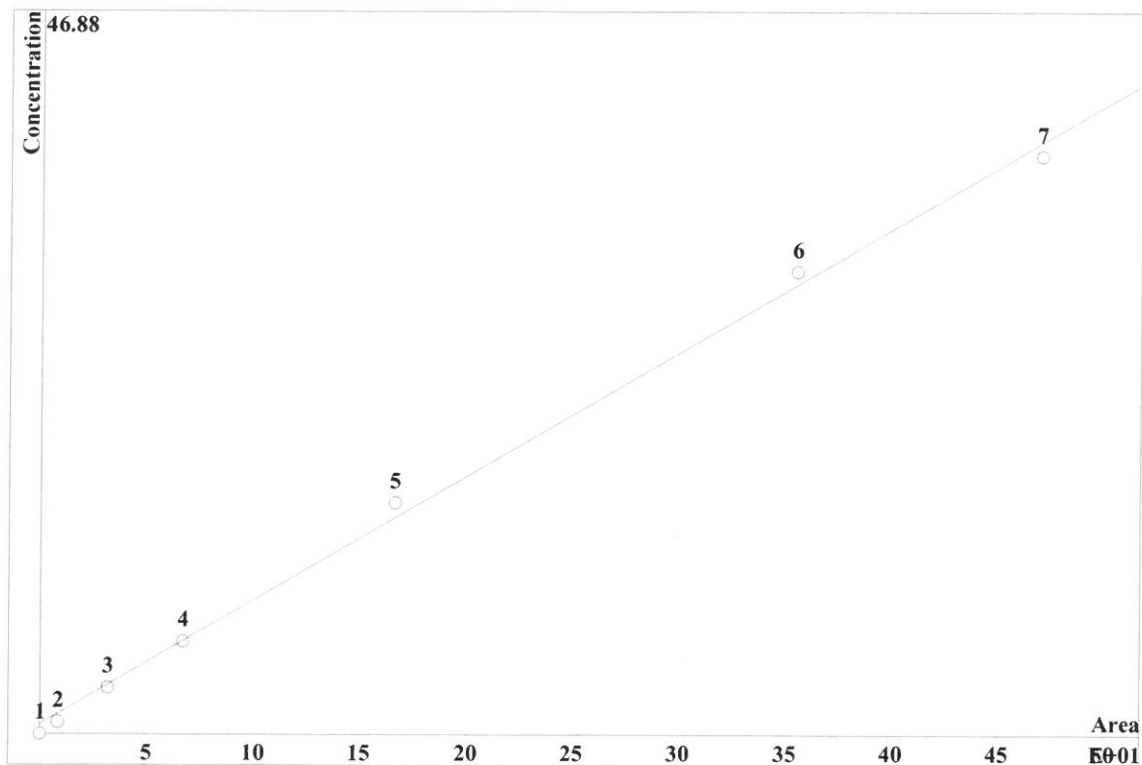


K3 = 0 K2 = 0 K1 = 0.737079 K0 = -14.1849
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.2952	12.77	0.25	20	22.72		Yes
3	1.007	44.23	1	20	22.72		Yes
4	1.97	82.2	2	20	22.72		Yes
5	4.364	169.8	5	20	22.72		Yes
6	7.947	293.2	10	20	22.72		Yes
7	9.836	347.7	12.5	20	22.72		Yes

CALIBRATION OF COMPONENT SO4

Method: ANIONS 11-27-17.mtw
 Equation: $Q = 1.60597 \cdot A + 13.1024$
 RSD: 5.442 %
 Correlation coefficient: 0.998791



K3 = 0 K2 = 0 K1 = 1.60597 K0 = 13.1024

Base: Area

Ref.channel: Cond

ISTD:

Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0		0	0	0		No
2	0.2618		8.348	0.75	20	25.7	Yes
3	1.025		31.91	3	20	25.7	Yes
4	2.098		67.19	6	20	25.7	Yes
5	5.544		166.9	15	20	25.7	Yes
6	11.92		355.2	30	20	25.7	Yes
7	15.78		470.3	37.5	20	25.7	Yes

Report date: 11/28/2017 9:38:45 AM
Printed by: wet

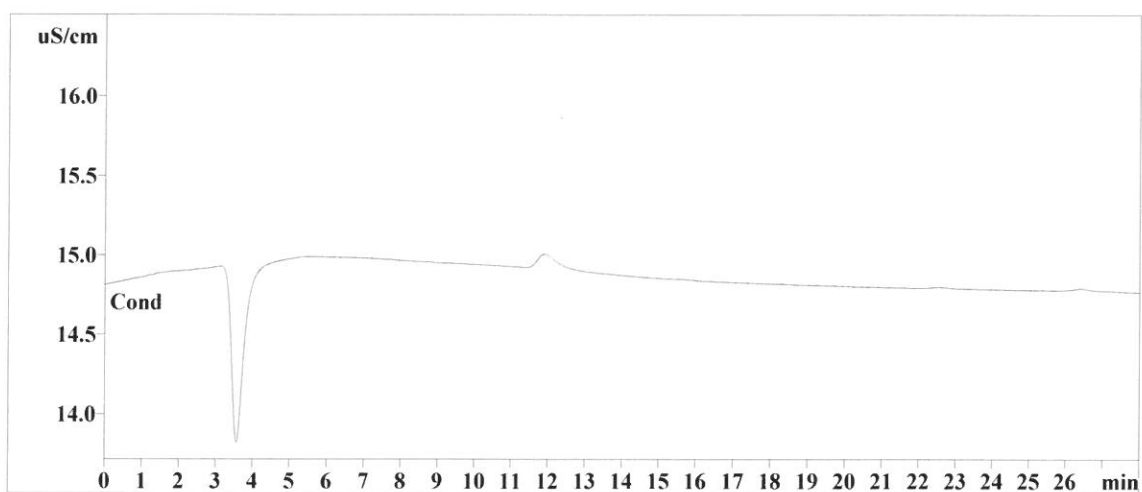
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Analysis from: 11/27/2017 11:32:42 AM
File: _2017-11-27_

Last save: 11/27/2017 3:28:02 PM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60076

Last save: 11/27/2017 11:40:12 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
METROHM LTD

Report date: 11/28/2017 9:38:56 AM
Printed by: wet

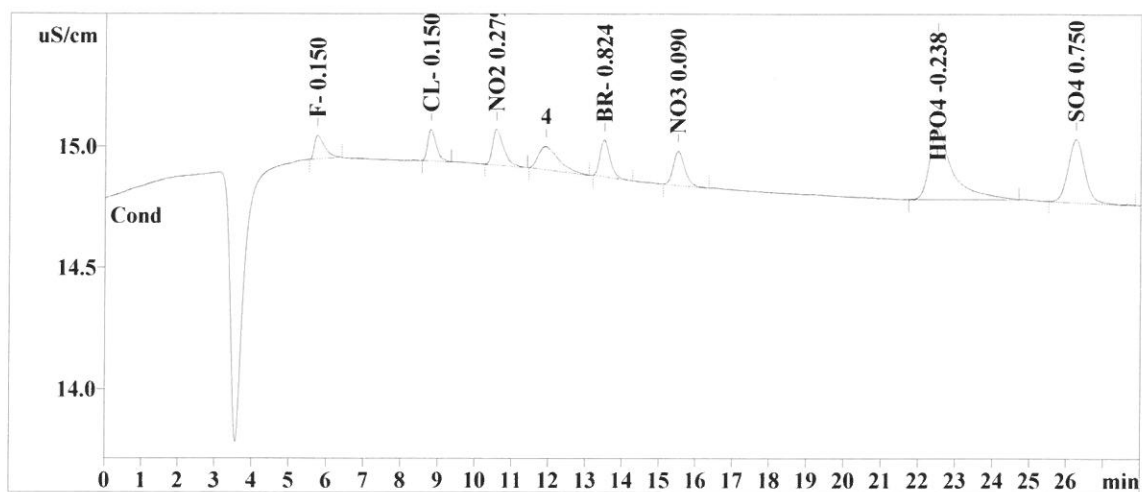
Ident: STD2
Analysis from: 11/27/2017 12:03:36 PM
File: _2017-11-27_

Last save: 11/27/2017 12:31:26 PM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60077

Last save: 11/27/2017 12:00:30 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.75	0.278	0.10	7.33	1.813	4.79	0.
2	8.79	0.245	0.13	9.74	2.093	5.53	0.
3	10.57	0.311	0.15	11.17	3.079	8.14	0.
4	13.49	0.291	0.15	11.46	2.936	7.76	0.
5	15.50	0.333	0.14	10.61	3.122	8.25	0.
6	22.51	0.548	0.29	22.27	12.766	33.75	0.
7	26.25	0.476	0.26	19.74	8.348	22.07	0.
7	28.00	0.354	1.22	92.32	34.157	90.29	0.

This report has been created by IC Net
METROHM LTD

Report date: 11/28/2017 9:39:05 AM
 Printed by: wet

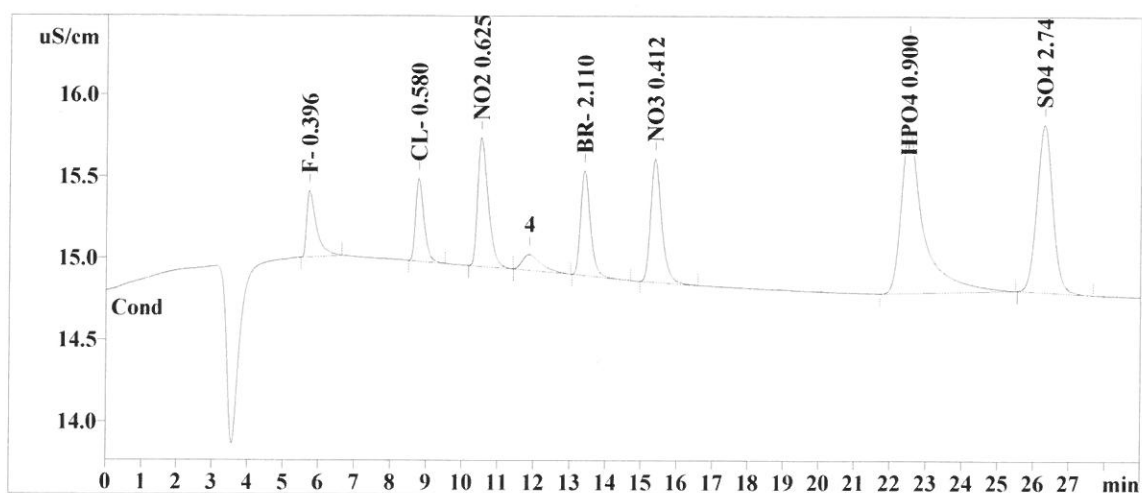
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 File: _2017-11-27_

Last save: 11/27/2017 1:03:20 PM

Method: ANIONS 11-27-17.mtw
 Run operator: wet
 Analysis number: 60078

Last save: 11/27/2017 12:36:28 PM

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	5.74	0.262	0.40	7.72	7.546	5.38	0.
2	8.77	0.247	0.51	9.68	8.305	5.93	0.
3	10.53	0.307	0.79	15.07	16.021	11.43	0.
4	13.40	0.282	0.64	12.26	12.193	8.70	0.
5	15.37	0.322	0.75	14.42	16.401	11.70	0.
6	22.51	0.545	1.01	19.28	44.233	31.56	0.
7	26.29	0.471	1.02	19.63	31.909	22.77	0.
7	29.00	0.348	5.12	98.07	136.607	97.48	0.

This report has been created by IC Net
 METROHM LTD

Report date: 11/28/2017 9:39:12 AM
Printed by: wet

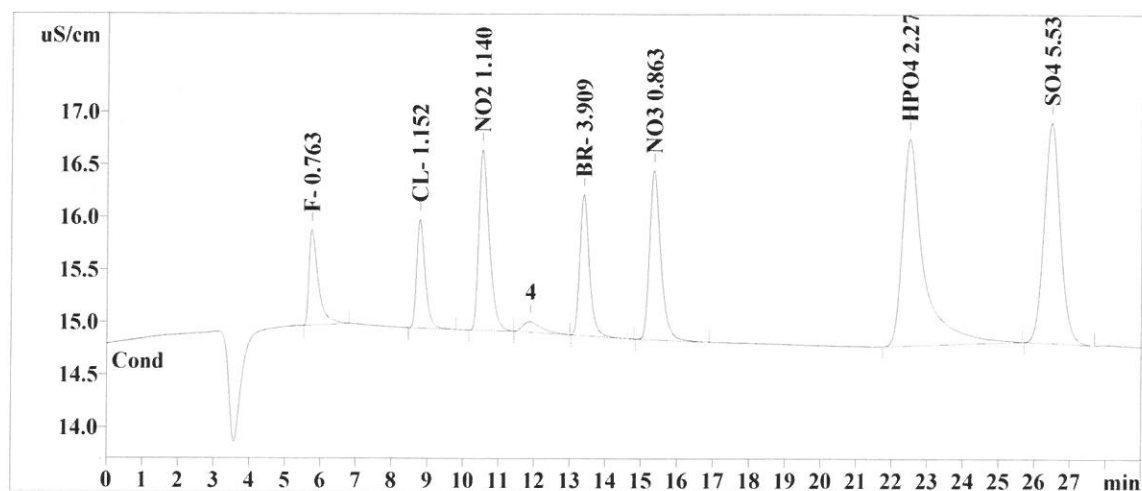
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Analysis from: 11/27/2017 1:06:25 PM
File: _2017-11-27_

Last save: 11/27/2017 1:35:14 PM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60079

Last save: 11/27/2017 1:03:20 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.74	0.251	0.91	8.40	16.217	5.76	0.
2	8.77	0.247	1.03	9.57	17.100	6.07	0.
3	10.53	0.307	1.72	15.94	34.981	12.43	0.
4	13.38	0.278	1.34	12.43	25.200	8.95	0.
5	15.34	0.320	1.61	14.94	35.047	12.45	0.
6	22.49	0.514	1.97	18.28	82.200	29.20	0.
7	26.47	0.484	2.10	19.47	67.185	23.86	0.
7	29.00	0.343	10.67	99.03	277.930	98.72	0.

This report has been created by IC Net
METROHM LTD

Report date: 11/28/2017 9:39:19 AM
Printed by: wet

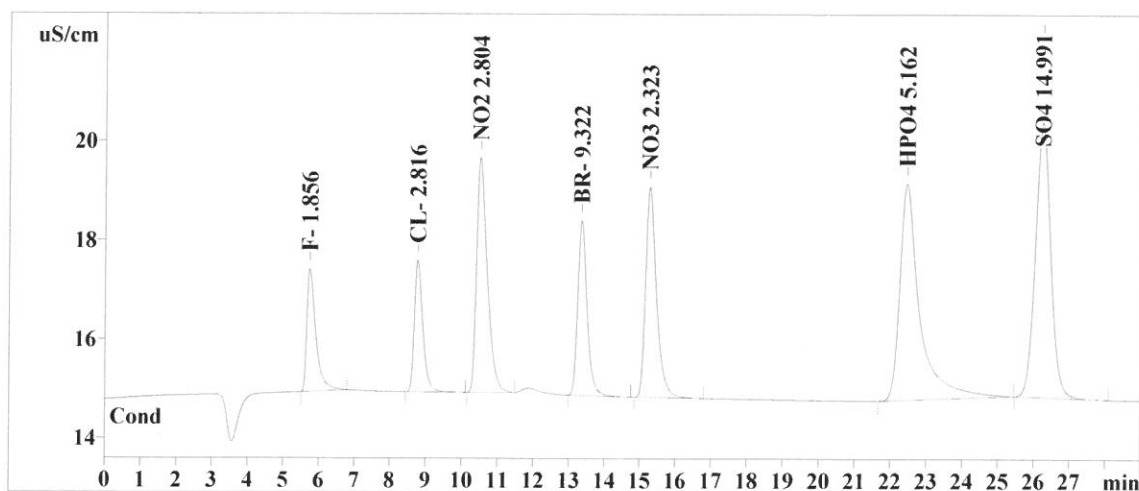
Ident: STD5
Analysis from: 11/27/2017 1:38:19 PM
File: _2017-11-27_

Last save: 11/27/2017 2:07:08 PM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60080

Last save: 11/27/2017 1:35:14 PM

SAMPLE:
: AP/AK
Vial number: 6
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	5.74	0.242	2.47	8.96	42.064	6.23	0.
2	8.77	0.245	2.65	9.63	43.750	6.48	0.
3	10.50	0.311	4.73	17.19	98.040	14.51	0.
4	13.35	0.271	3.53	12.81	64.542	9.55	0.
5	15.27	0.313	4.24	15.41	90.474	13.39	0.
6	22.45	0.491	4.36	15.85	169.784	25.13	0.
7	26.24	0.454	5.54	20.14	166.874	24.70	0.
7	29.00	0.332	27.52	100.00	675.528	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 11/28/2017 9:39:26 AM
Printed by: wet

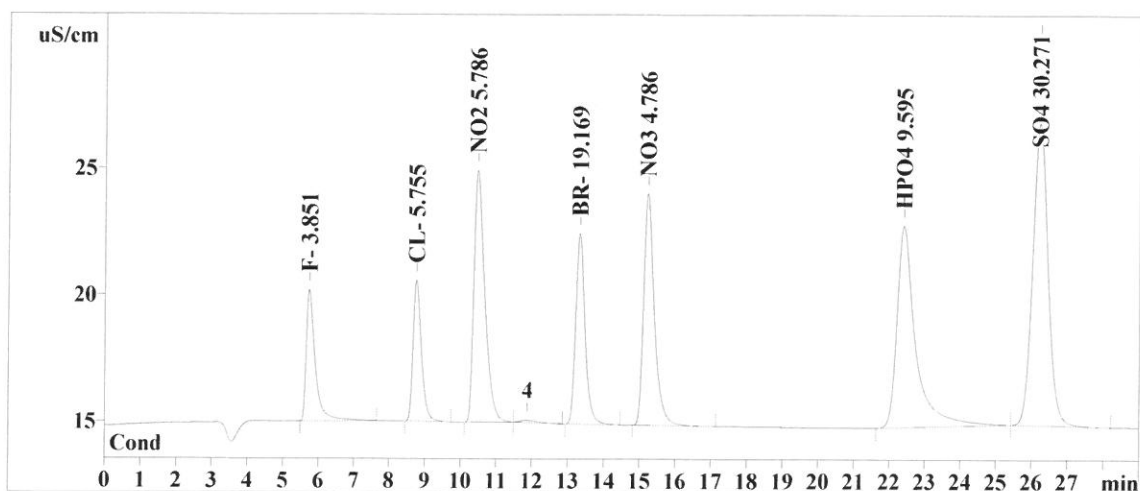
Ident: STD6
Analysis from: 11/27/2017 2:10:13 PM
File: _2017-11-27_

Last save: 11/27/2017 2:39:02 PM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60081

Last save: 11/27/2017 2:07:08 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	5.74	0.234	5.18	9.03	88.381	6.48	0.
2	8.75	0.240	5.57	9.71	89.653	6.57	0.
3	10.46	0.314	9.95	17.35	208.325	15.28	0.
4	13.33	0.267	7.52	13.12	135.456	9.93	0.
5	15.21	0.302	9.15	15.96	190.431	13.97	0.
6	22.40	0.477	7.95	13.86	293.188	21.50	0.
7	26.21	0.448	11.92	20.80	355.226	26.05	0.
7	29.00	0.326	57.23	99.84	1360.661	99.79	0.

This report has been created by IC Net
METROHM LTD

Report date: 11/28/2017 9:39:41 AM
Printed by: wet

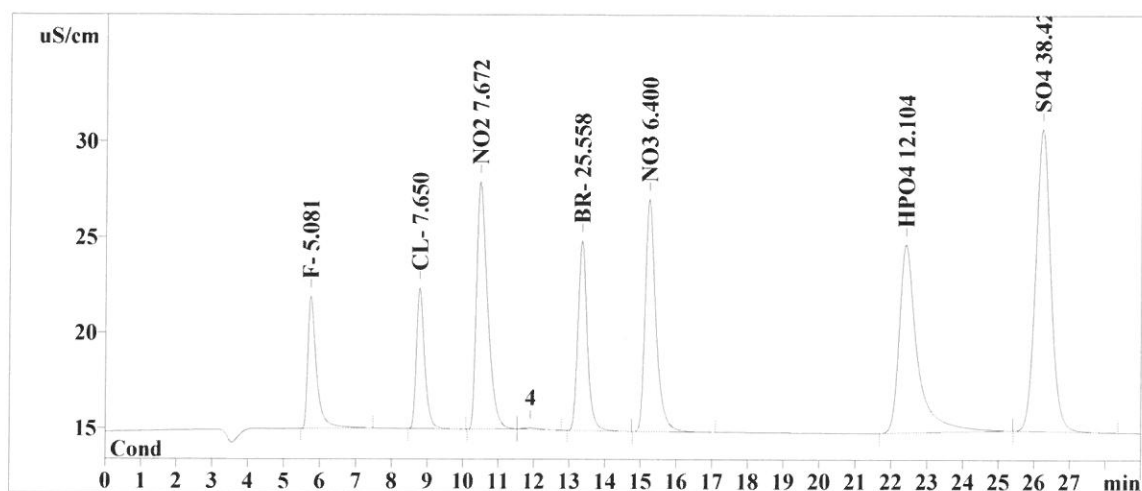
Ident: STD7
Analysis from: 11/27/2017 2:42:07 PM
File: _2017-11-27_

Last save: 11/27/2017 3:10:56 PM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60082

Last save: 11/27/2017 2:39:02 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	5.74	0.231	6.89	9.20	114.717	6.52	0.
2	8.77	0.238	7.35	9.81	117.747	6.69	0.
3	10.47	0.321	12.92	17.26	275.970	15.68	0.
4	13.35	0.267	9.90	13.22	178.622	10.15	0.
5	15.22	0.303	12.12	16.19	252.612	14.35	0.
6	22.39	0.460	9.84	13.13	347.672	19.75	0.
7	26.21	0.448	15.78	21.07	470.346	26.72	0.
7	29.00	0.324	74.80	99.88	1757.686	99.86	0.

This report has been created by IC Net
METROHM LTD

Report date: 11/28/2017 9:41:18 AM
Printed by: wet

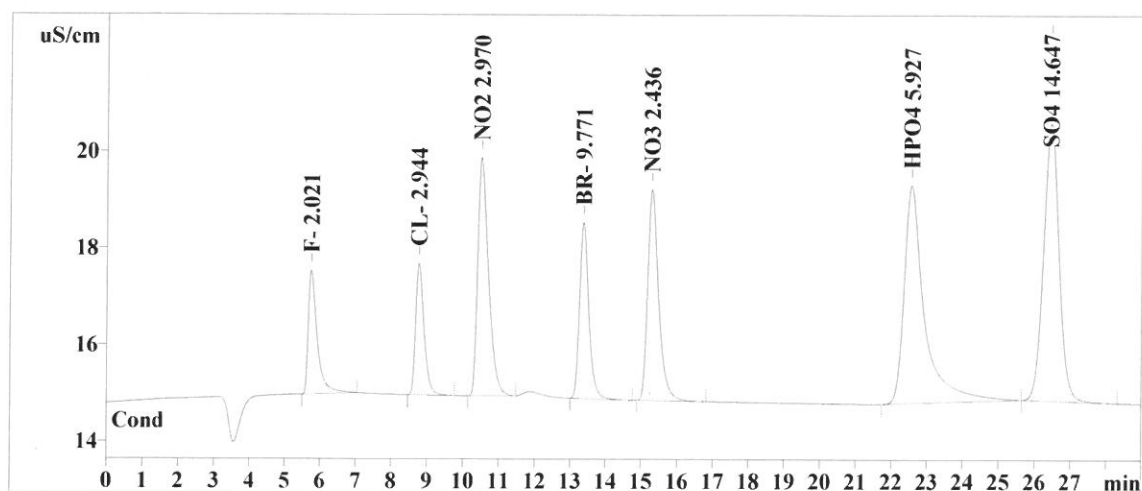
Ident: ICV
Analysis from: 11/27/2017 4:17:50 PM
File: _2017-11-27_

Last save: 11/27/2017 4:46:38 PM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60085

Last save: 11/27/2017 3:10:56 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	5.74	0.242	2.56	8.98	44.446	6.31	0.
2	8.77	0.244	2.72	9.56	44.405	6.30	0.
3	10.50	0.312	4.93	17.32	102.198	14.50	0.
4	13.36	0.270	3.64	12.79	66.421	9.43	0.
5	15.28	0.312	4.37	15.35	92.931	13.19	0.
6	22.55	0.506	4.50	15.82	180.069	25.55	0.
7	26.44	0.458	5.74	20.17	174.252	24.73	0.
7	29.00	0.335	28.45	99.99	704.722	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 11/28/2017 9:41:44 AM
Printed by: wet

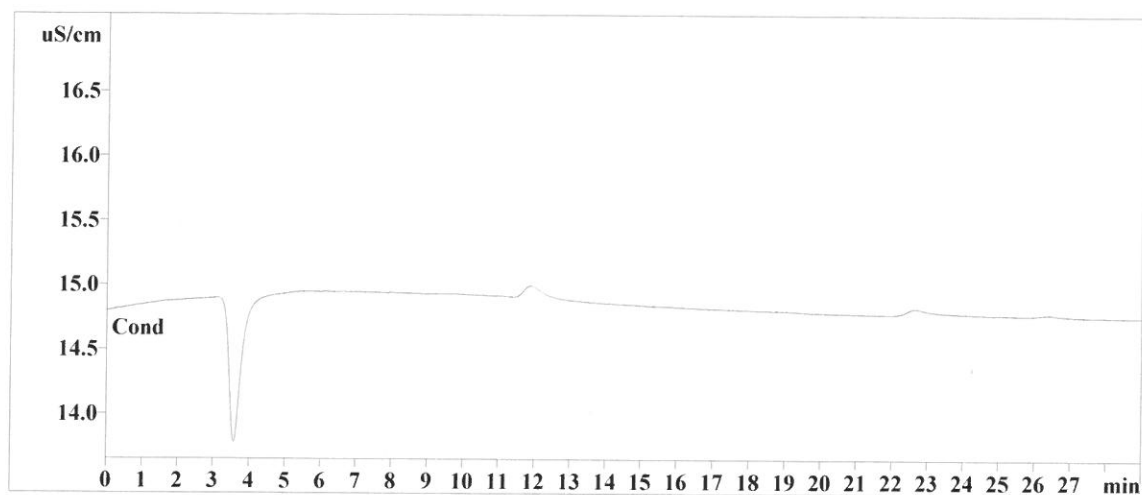
Ident: ICB
Analysis from: 11/27/2017 4:50:22 PM
File: _2017-11-27_

Last save: 11/28/2017 9:41:44 AM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60086

Last save: 11/27/2017 3:10:56 PM

SAMPLE:
: AK/AP
Vial number: 12
Volume: 20.0 μ L
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 11/28/2017 9:48:56 AM
Printed by: wet

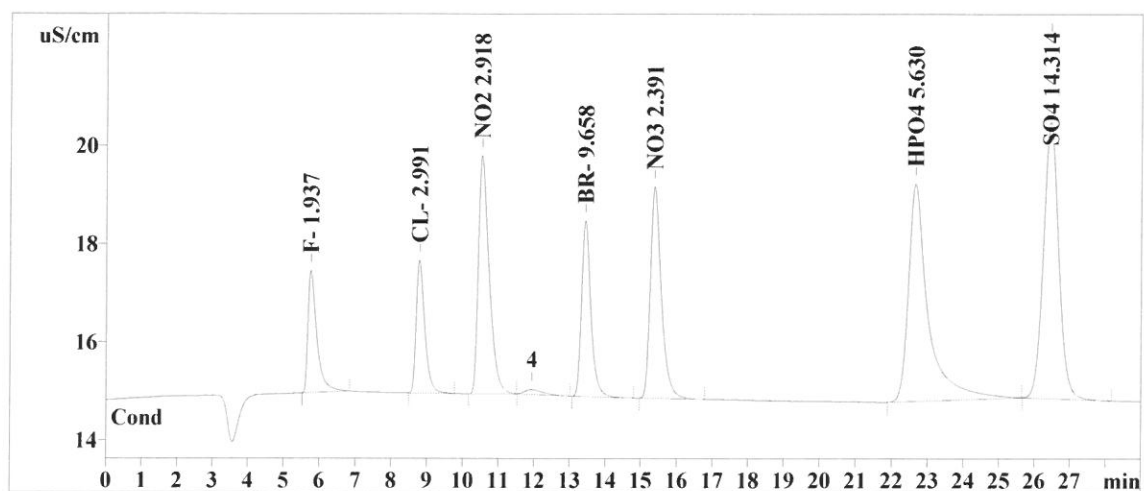
Ident: CCV
Analysis from: 11/27/2017 3:14:01 PM
File: _2017-11-27_

Last save: 11/27/2017 3:42:50 PM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60083

Last save: 11/27/2017 3:10:56 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	5.76	0.242	2.48	8.85	42.526	6.16	0.
2	8.79	0.249	2.70	9.62	45.140	6.54	0.
3	10.53	0.311	4.85	17.27	100.273	14.53	0.
4	13.44	0.271	3.57	12.73	65.617	9.51	0.
5	15.37	0.310	4.31	15.35	91.089	13.20	0.
6	22.65	0.490	4.42	15.76	171.999	24.92	0.
7	26.45	0.456	5.63	20.06	170.098	24.64	0.
7	29.00	0.333	27.97	99.63	686.743	99.48	0.

This report has been created by IC Net
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Report date: 11/28/2017 9:49:12 AM
Printed by: wet

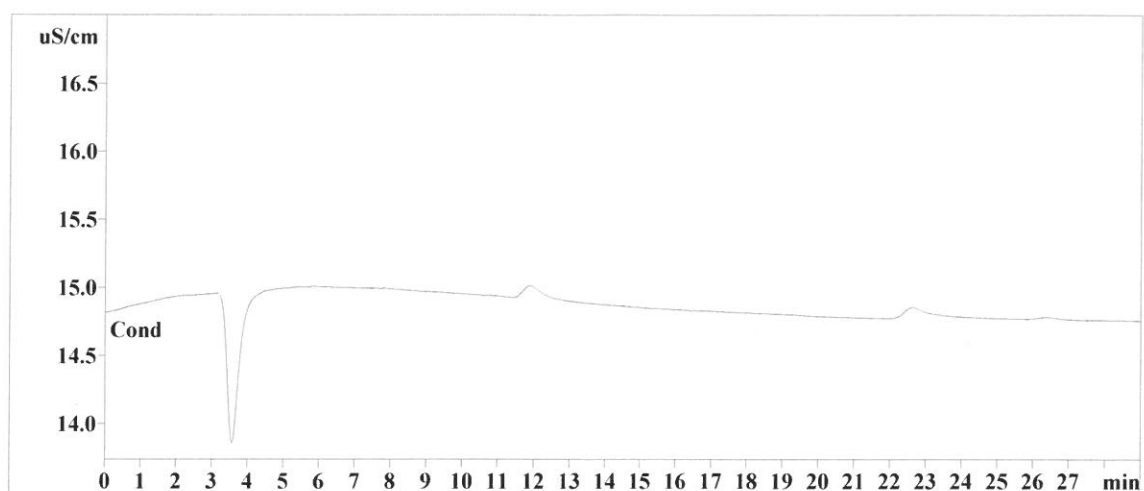
Ident: CCB
Analysis from: 11/27/2017 3:45:55 PM
File: _2017-11-27_

Last save: 11/28/2017 9:49:12 AM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60084

Last save: 11/27/2017 3:10:56 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: 11/28/2017 9:49:22 AM
Printed by: wet

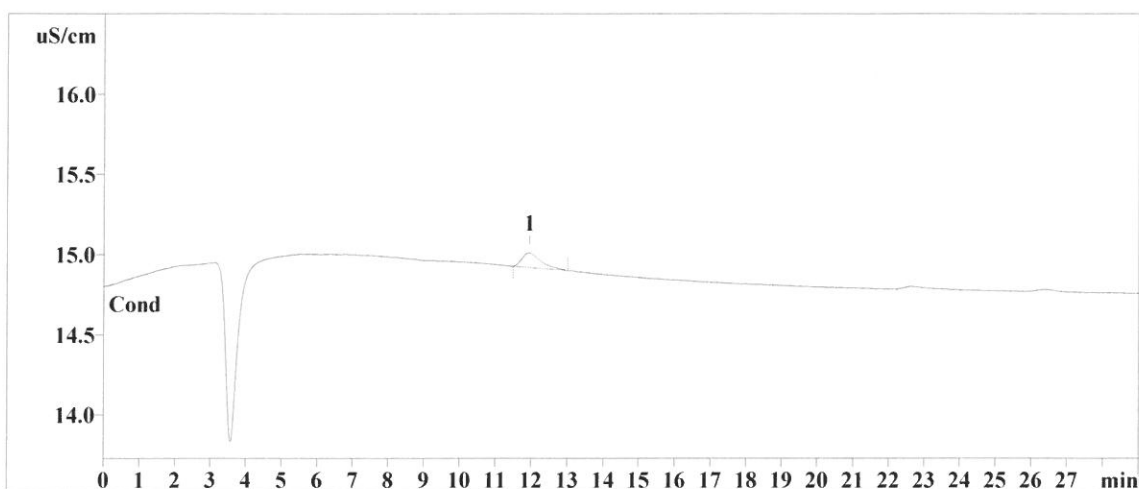
Ident: LB91791BLW
Analysis from: 11/27/2017 5:22:16 PM
File: _2017-11-27_

Last save: 11/27/2017 5:51:04 PM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60087

Last save: 11/27/2017 3:10:56 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	0.00	0.000	0.00	0.00	0.000	0.00	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	29.00	0.000	0.00	0.00	0.000	0.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 11/28/2017 9:49:36 AM
Printed by: wet

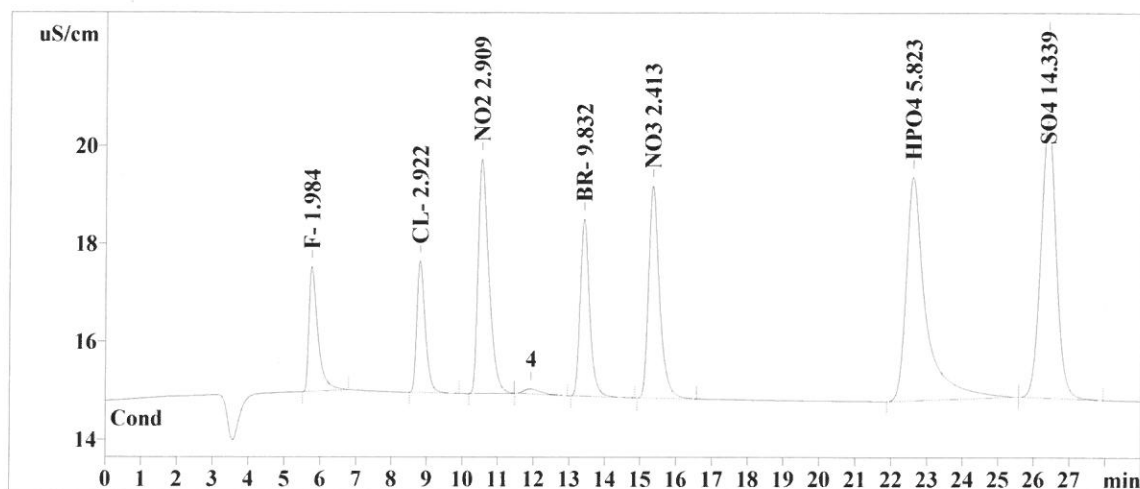
Ident: LB91791BSW
Analysis from: 11/27/2017 5:54:10 PM
File: _2017-11-27_

Last save: 11/27/2017 6:22:58 PM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60088

Last save: 11/27/2017 3:10:56 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	5.76	0.244	2.54	8.98	43.605	6.25	0.
2	8.80	0.245	2.69	9.49	44.056	6.31	0.
3	10.54	0.315	4.79	16.93	99.918	14.32	0.
4	13.41	0.274	3.61	12.77	66.851	9.58	0.
5	15.33	0.312	4.33	15.32	92.006	13.19	0.
6	22.60	0.489	4.56	16.13	177.238	25.41	0.
7	26.39	0.455	5.66	19.99	170.413	24.43	0.
7	29.00	0.333	28.18	99.62	694.087	99.49	0.

This report has been created by IC Net
METROHM LTD

Report date: 11/28/2017 9:49:58 AM
Printed by: wet

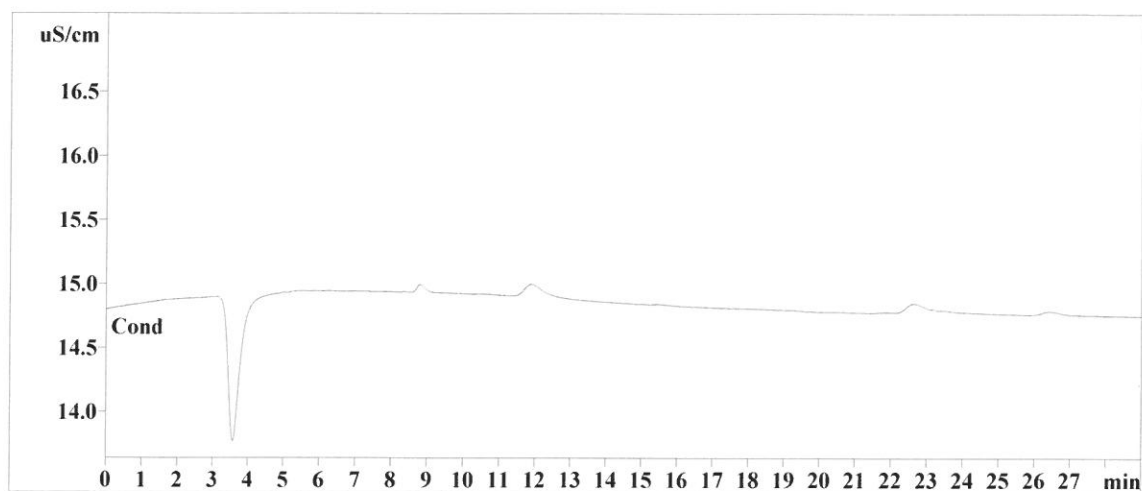
Ident: I6586-01
Analysis from: 11/27/2017 6:26:04 PM
File: _2017-11-27_

Last save: 11/28/2017 9:49:58 AM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60089

Last save: 11/27/2017 3:10:56 PM

SAMPLE:
: AK/AP
Vial number: 15
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: 11/28/2017 9:50:49 AM
Printed by: wet

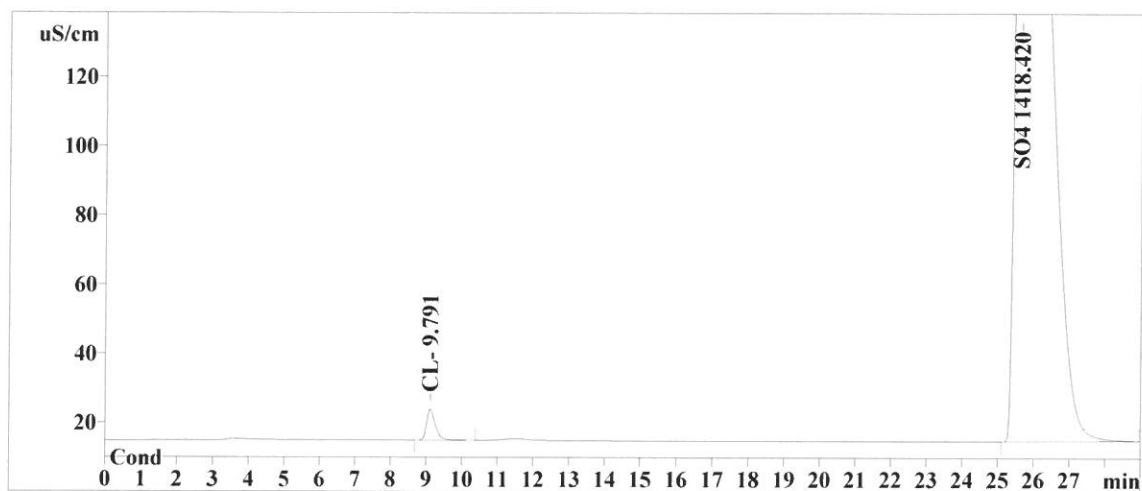
Ident: I6586-02
Analysis from: 11/27/2017 6:57:58 PM
File: _2017-11-27_

Last save: 11/28/2017 9:50:50 AM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60090

Last save: 11/27/2017 3:10:56 PM

SAMPLE:
: AK/AP
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	9.11	0.253	8.88	2.43	151.120	0.85	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	25.65	0.755	357.05	97.57	17656.208	99.15	0.
7	29.00	0.144	365.94	100.00	17807.328	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 11/28/2017 9:57:24 AM
Printed by: wet

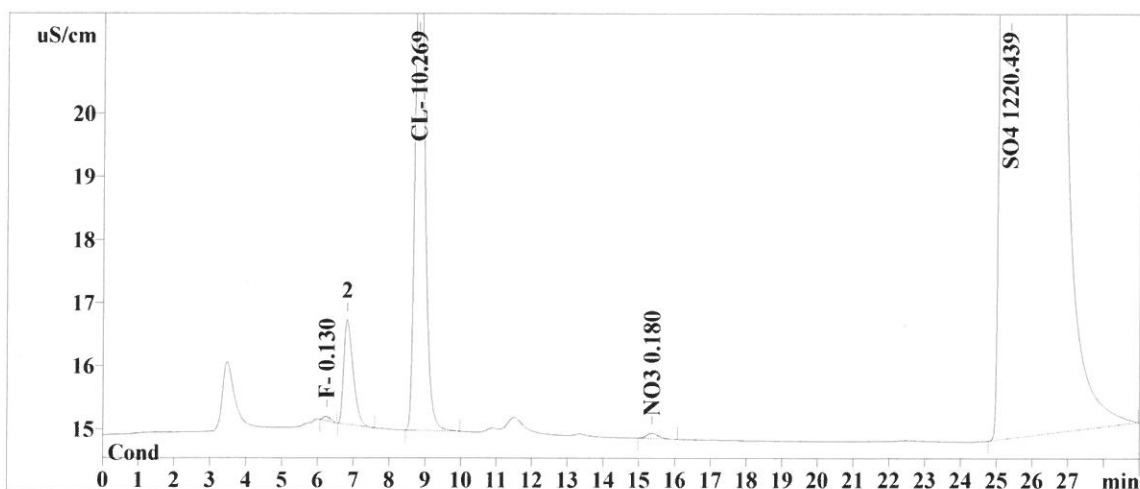
Ident: I6586-05
Analysis from: 11/27/2017 7:29:52 PM
File: _2017-11-27_

Last save: 11/28/2017 9:57:24 AM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60091

Last save: 11/27/2017 3:10:56 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	6.24	0.234	0.07	0.02	1.046	0.01	0.
2	8.79	0.265	8.99	2.78	158.567	1.03	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	15.36	0.362	0.08	0.03	2.030	0.01	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.35	0.747	313.00	96.66	15190.647	98.76	0.
7	29.00	0.230	322.14	99.49	15352.290	99.81	0.

This report has been created by IC Net
METROHM LTD

Report date: 11/28/2017 10:03:12 AM
Printed by: wet

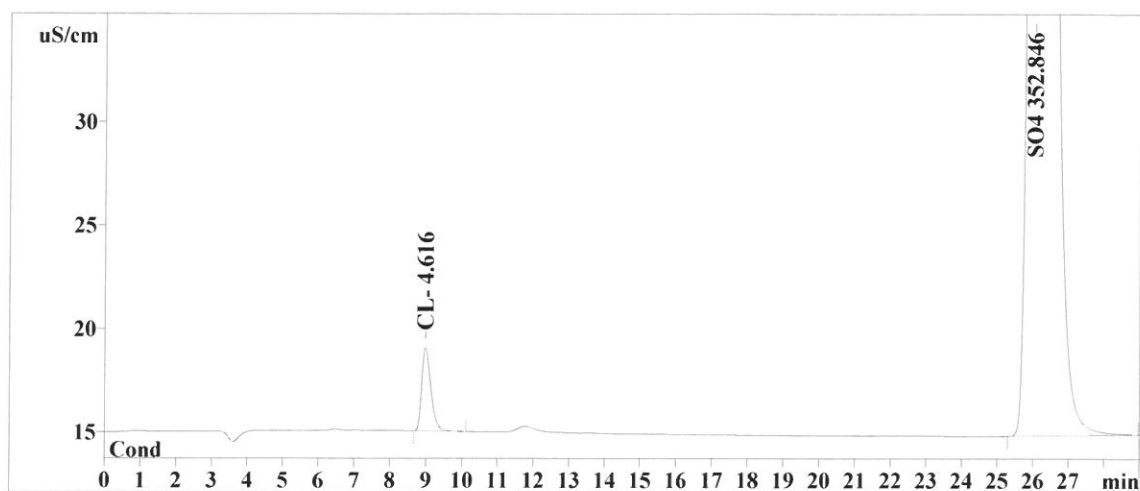
Ident: I6586-06
Analysis from: 11/27/2017 8:01:46 PM
File: _2017-11-27_

Last save: 11/28/2017 10:03:12 AM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60092

Last save: 11/27/2017 3:10:56 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	8.98	0.263	4.04	3.22	70.455	1.58	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	26.04	0.552	121.35	96.78	4386.033	98.42	0.
7	29.00	0.116	125.39	100.00	4456.488	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 11/28/2017 10:03:45 AM
Printed by: wet

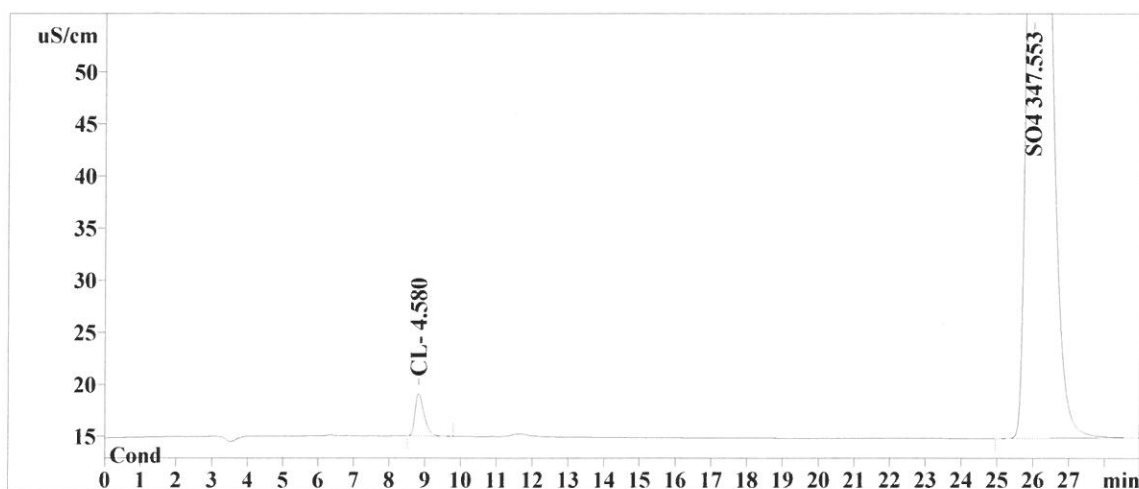
Ident: I6586-07
Analysis from: 11/27/2017 8:33:40 PM
File: _2017-11-27_

Last save: 11/28/2017 10:03:46 AM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60093

Last save: 11/27/2017 3:10:56 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	8.83	0.263	4.03	3.24	69.902	1.59	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	25.99	0.548	120.43	96.76	4320.111	98.41	0.
7	29.00	0.116	124.47	100.00	4390.013	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 11/28/2017 10:04:04 AM
Printed by: wet

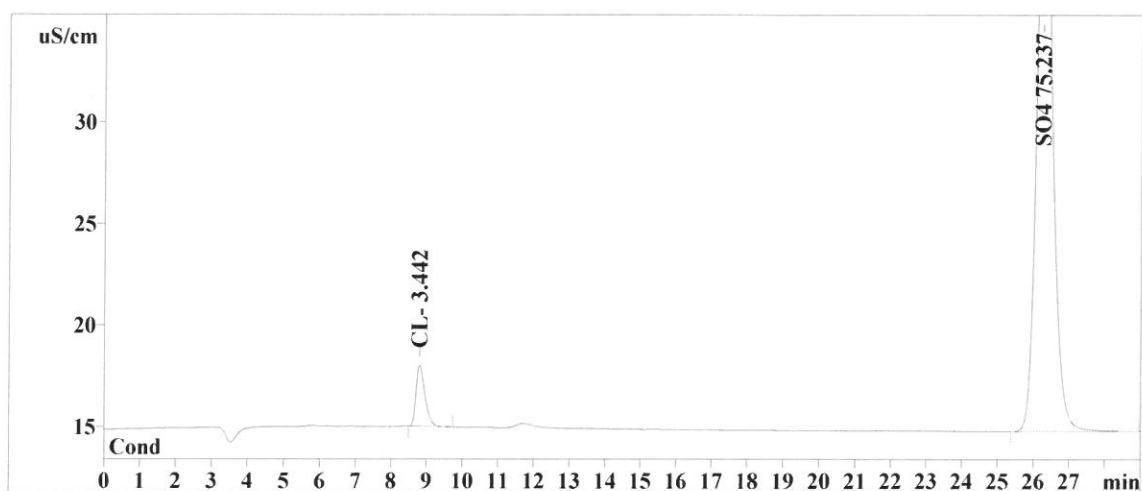
Ident: I6586-08
Analysis from: 11/27/2017 9:05:33 PM
File: _2017-11-27_

Last save: 11/28/2017 10:04:04 AM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60094

Last save: 11/27/2017 3:10:56 PM

SAMPLE:
:
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	8.80	0.266	2.99	8.80	52.157	5.32	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	26.25	0.449	30.94	91.19	928.811	94.68	0.
7	29.00	0.102	33.93	100.00	980.968	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 11/28/2017 10:09:25 AM
Printed by: wet

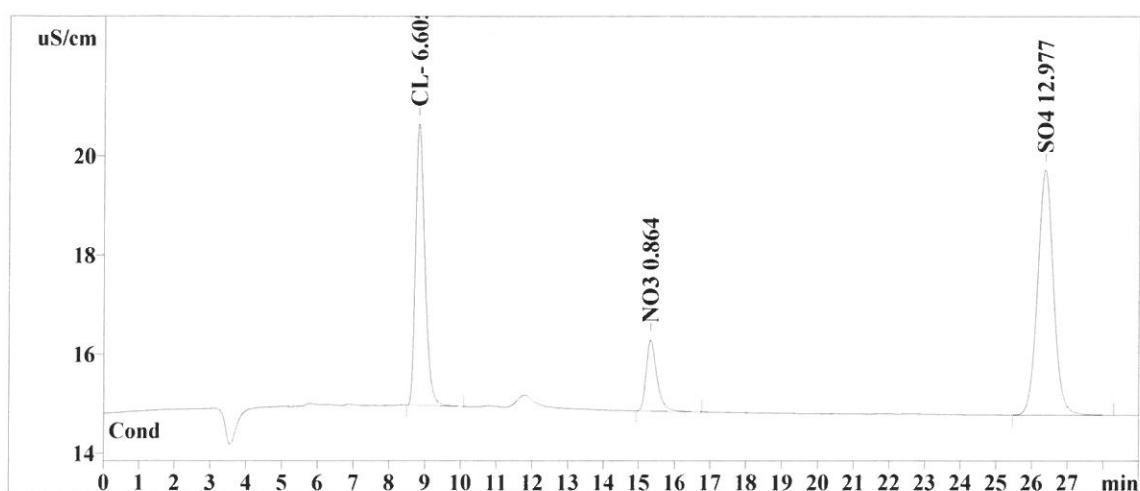
Ident: I6586-09
Analysis from: 11/27/2017 9:37:27 PM
File: _2017-11-27_

Last save: 11/28/2017 10:09:24 AM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60095

Last save: 11/27/2017 3:10:56 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	8.82	0.271	5.67	47.12	101.454	35.66	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	15.32	0.306	1.43	11.85	29.588	10.40	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.36	0.466	4.94	41.04	153.452	53.94	0.
7	29.00	0.149	12.04	100.00	284.494	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 11/28/2017 10:09:43 AM
Printed by: wet

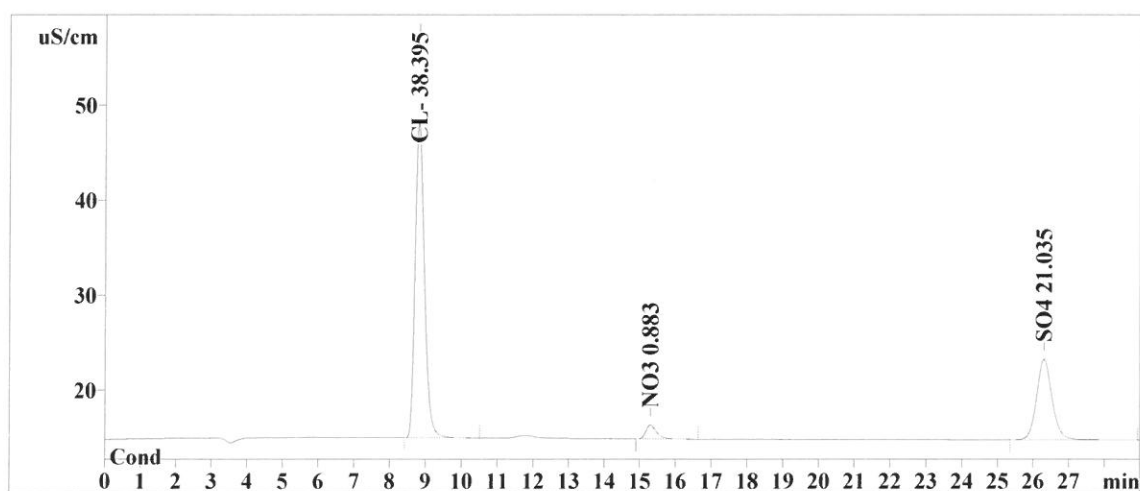
Ident: I6586-10
Analysis from: 11/27/2017 10:09:21 PM
File: _2017-11-27_

Last save: 11/28/2017 10:09:44 AM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60096

Last save: 11/27/2017 3:10:56 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	8.81	0.273	33.17	76.99	596.936	67.75	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	15.30	0.305	1.46	3.39	30.353	3.44	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.30	0.448	8.46	19.63	253.804	28.81	0.
7	29.00	0.147	43.09	100.01	881.093	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 11/28/2017 10:10:00 AM
Printed by: wet

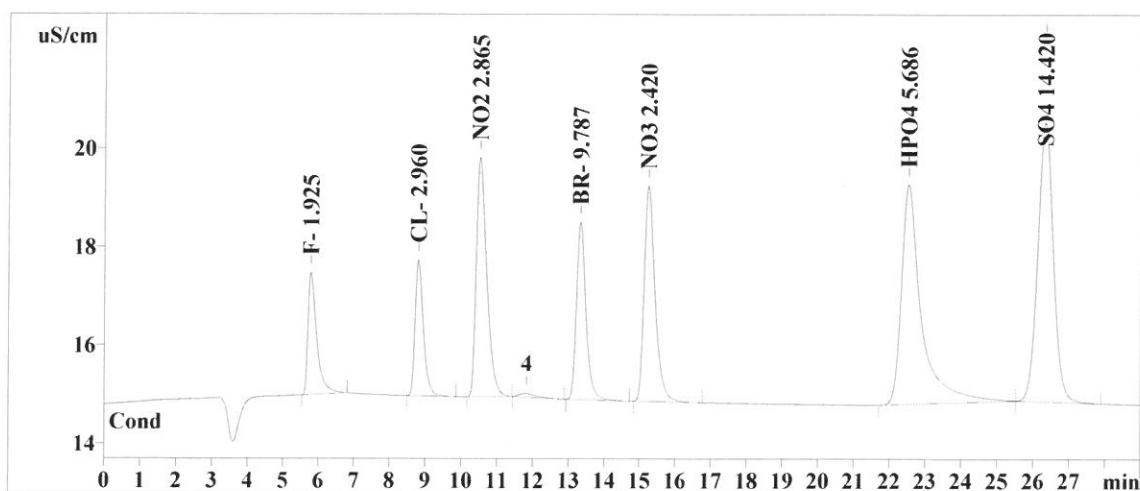
Ident: CCV
Analysis from: 11/27/2017 10:41:15 PM
File: _2017-11-27_

Last save: 11/27/2017 11:10:04 PM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60097

Last save: 11/27/2017 3:10:56 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	5.78	0.241	2.49	8.78	42.242	6.11	0.
2	8.80	0.242	2.76	9.75	44.653	6.46	0.
3	10.51	0.305	4.87	17.19	98.313	14.22	0.
4	13.32	0.272	3.61	12.73	66.536	9.62	0.
5	15.23	0.309	4.37	15.45	92.285	13.35	0.
6	22.52	0.491	4.46	15.76	173.533	25.10	0.
7	26.32	0.456	5.68	20.05	171.423	24.79	0.
7	29.00	0.331	28.23	99.71	688.986	99.64	0.

This report has been created by IC Net
METROHM LTD

Report date: 11/28/2017 10:10:18 AM
Printed by: wet

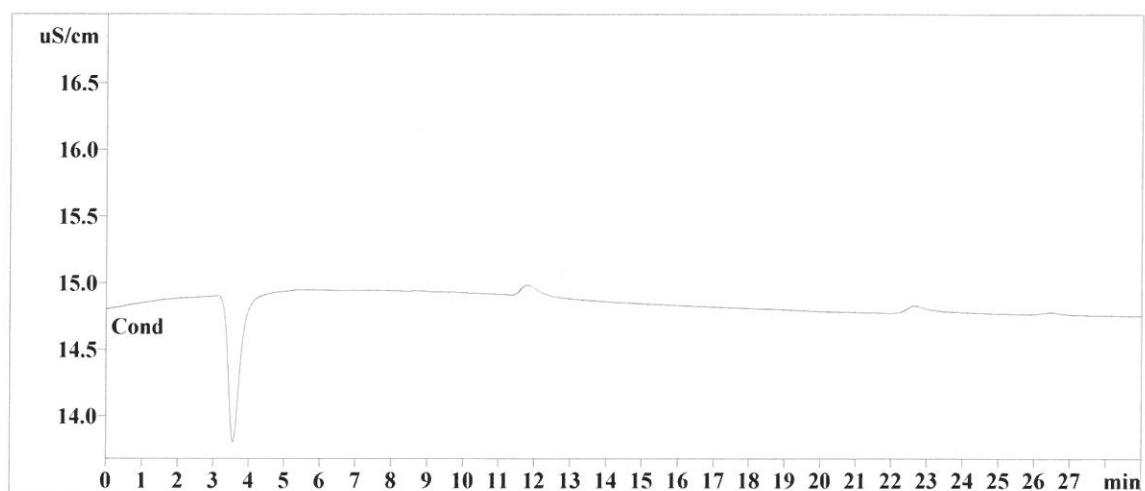
Ident: CCB
Analysis from: 11/27/2017 11:13:09 PM
File: _2017-11-27_

Last save: 11/28/2017 10:10:20 AM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60098

Last save: 11/27/2017 3:10:56 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
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Report date: 11/28/2017 10:10:33 AM
Printed by: wet

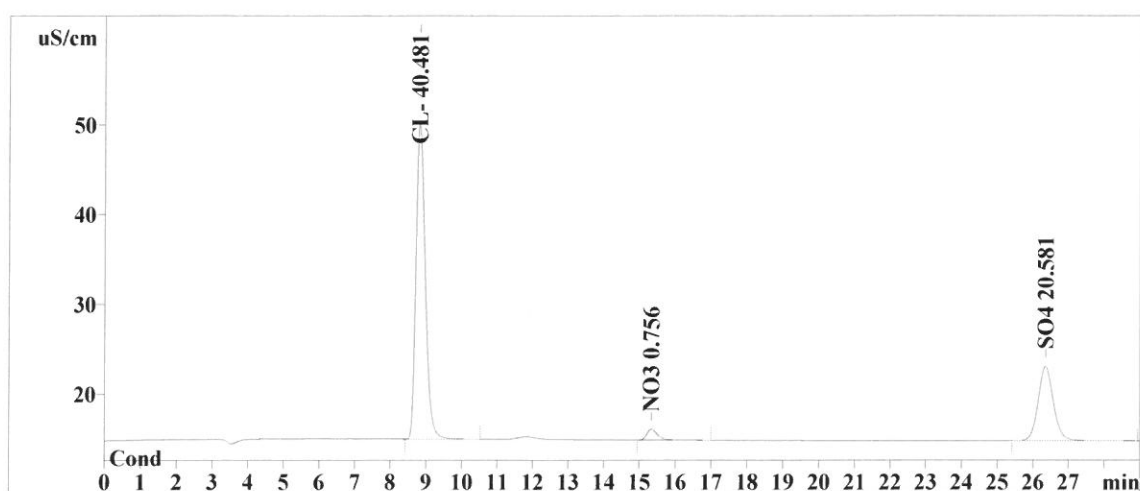
Ident: I6586-11
Analysis from: 11/27/2017 11:45:03 PM
File: _2017-11-27_

Last save: 11/28/2017 10:10:34 AM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60099

Last save: 11/27/2017 3:10:56 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.81	0.272	35.14	78.72	629.440	69.72	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	15.34	0.303	1.22	2.74	25.224	2.79	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.35	0.449	8.28	18.54	248.145	27.49	0.
7	29.00	0.146	44.64	100.00	902.810	100.00	0.

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Report date: 11/28/2017 10:11:20 AM
Printed by: wet

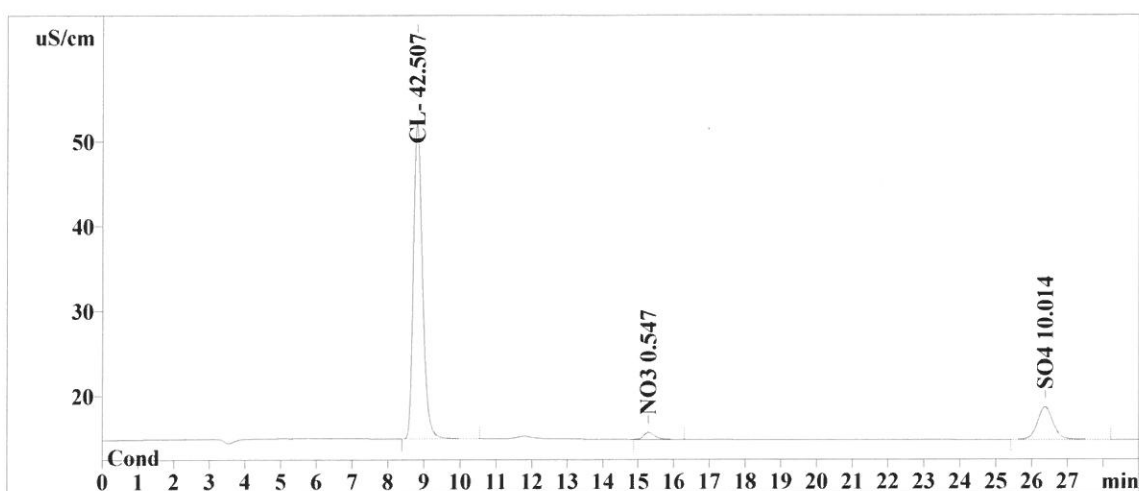
Ident: I6586-12
Analysis from: 11/28/2017 12:16:57 AM
File: _2017-11-28_

Last save: 11/28/2017 10:11:20 AM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60100

Last save: 11/27/2017 3:10:56 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	8.80	0.270	37.18	88.91	661.024	83.21	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	15.29	0.309	0.81	1.93	16.822	2.12	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.37	0.456	3.83	9.16	116.554	14.67	0.
7	29.00	0.148	41.82	100.00	794.401	100.00	0.

This report has been created by IC Net
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Report date: 11/28/2017 10:11:38 AM
Printed by: wet

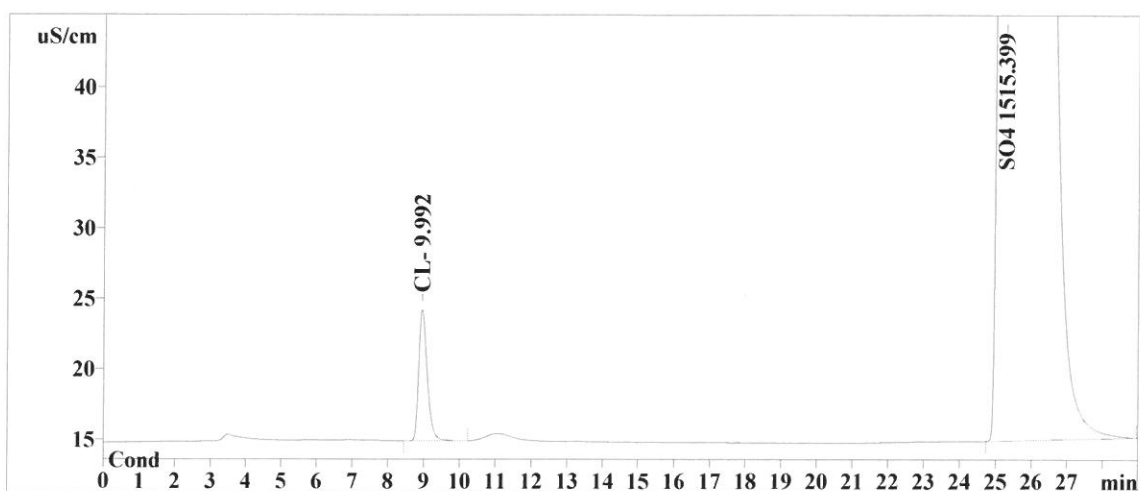
Ident: I6586-02DUP
Analysis from: 11/28/2017 12:48:51 AM
File: _2017-11-28_

Last save: 11/28/2017 10:11:40 AM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60101

Last save: 11/27/2017 3:10:56 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.95	0.247	9.31	2.59	154.248	0.81	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	25.28	0.831	350.24	97.41	18863.940	99.19	0.
7	29.00	0.154	359.54	100.00	19018.188	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 11/28/2017 10:11:52 AM
Printed by: wet

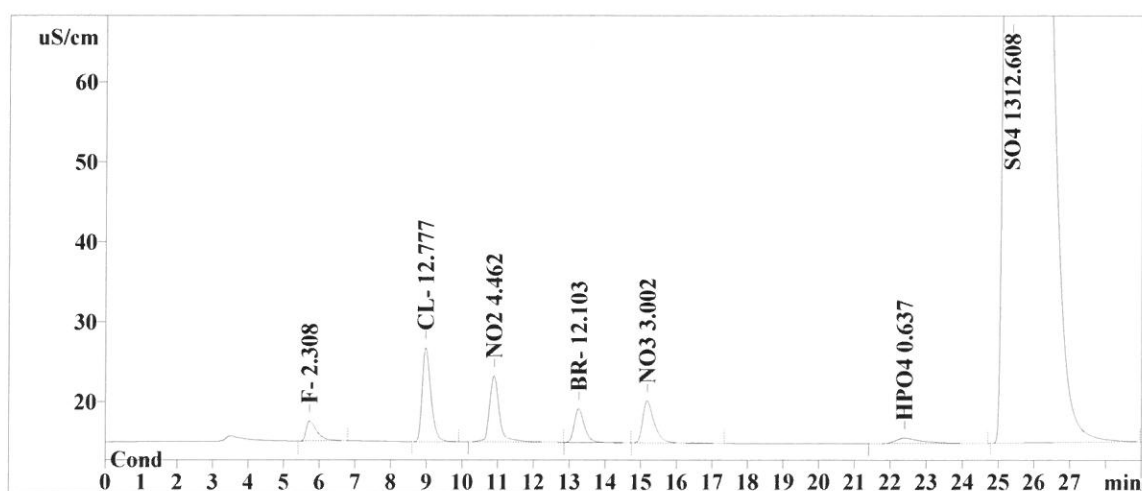
Ident: I6586-03MS
Analysis from: 11/28/2017 1:20:45 AM
File: _2017-11-28_

Last save: 11/28/2017 1:49:34 AM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60102

Last save: 11/27/2017 3:10:56 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	5.73	0.301	2.48	0.73	51.056	0.30	0.
2	8.97	0.254	11.73	3.44	197.651	1.16	0.
3	10.90	0.270	8.25	2.42	157.315	0.93	0.
4	13.26	0.295	4.19	1.23	82.997	0.49	0.
5	15.18	0.323	5.27	1.54	115.740	0.68	0.
6	22.41	0.700	0.70	0.20	36.517	0.22	0.
7	25.35	0.826	308.64	90.44	16338.478	96.22	0.
7	29.00	0.424	341.27	100.00	16979.755	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 11/28/2017 10:12:03 AM
Printed by: wet

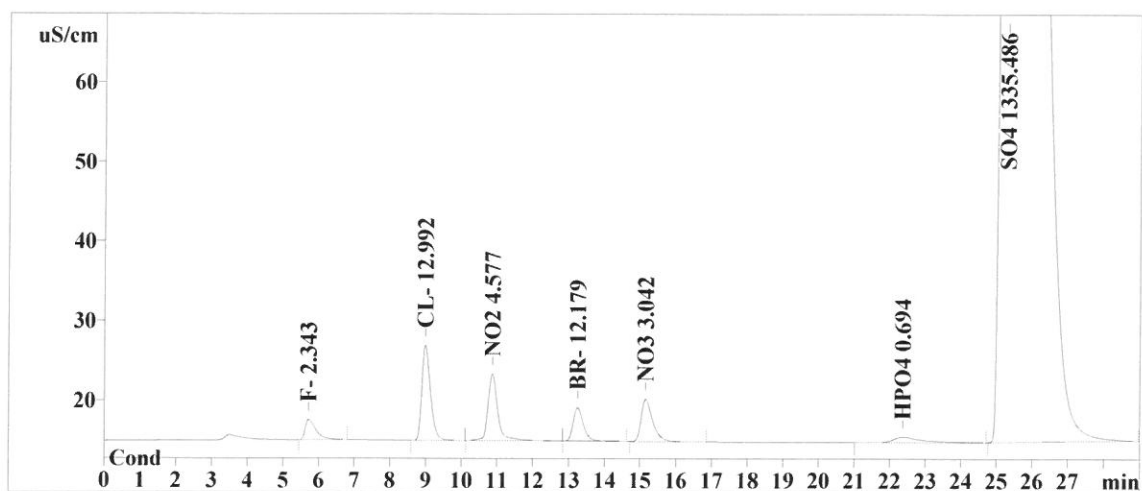
Ident: I6586-04MSD
Analysis from: 11/28/2017 1:52:39 AM
File: _2017-11-28_

Last save: 11/28/2017 2:21:28 AM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60103

Last save: 11/27/2017 3:10:56 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	5.72	0.300	2.53	0.74	51.857	0.30	0.
2	8.98	0.252	11.96	3.48	201.001	1.16	0.
3	10.87	0.272	8.39	2.44	161.594	0.94	0.
4	13.25	0.295	4.22	1.23	83.537	0.48	0.
5	15.15	0.325	5.32	1.55	117.353	0.68	0.
6	22.37	0.713	0.71	0.21	38.064	0.22	0.
7	25.31	0.838	310.29	90.35	16623.390	96.22	0.
7	29.00	0.428	343.41	100.00	17276.796	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 11/28/2017 10:12:44 AM
Printed by: wet

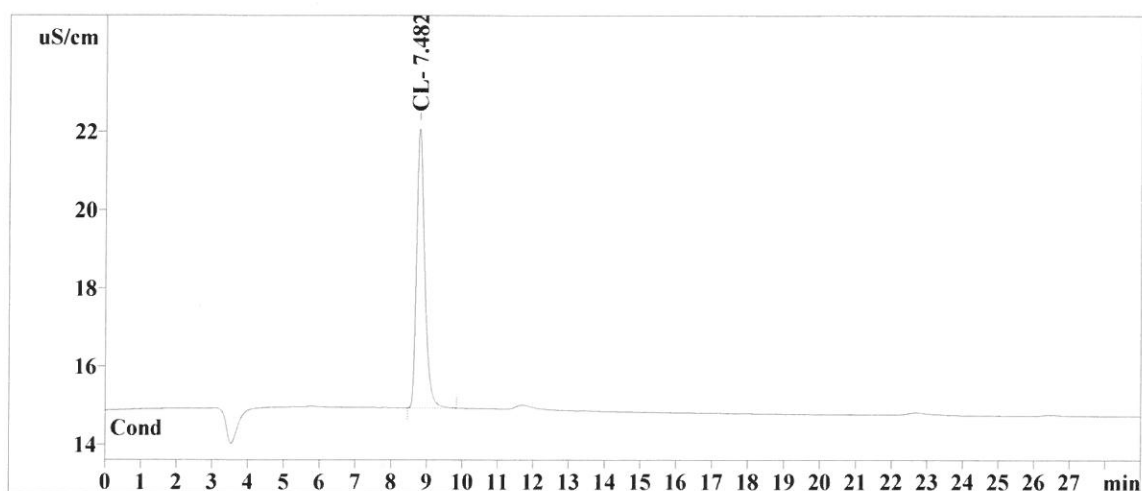
Ident: I6591-01DLX20
Analysis from: 11/28/2017 2:24:33 AM
File: _2017-11-28_

Last save: 11/28/2017 10:12:36 AM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60104

Last save: 11/27/2017 3:10:56 PM

SAMPLE:
: AK/AP
Vial number: 28
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	8.78	0.241	7.12	100.00	115.131	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	29.00	0.034	7.12	100.00	115.131	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 11/28/2017 10:13:52 AM
Printed by: wet

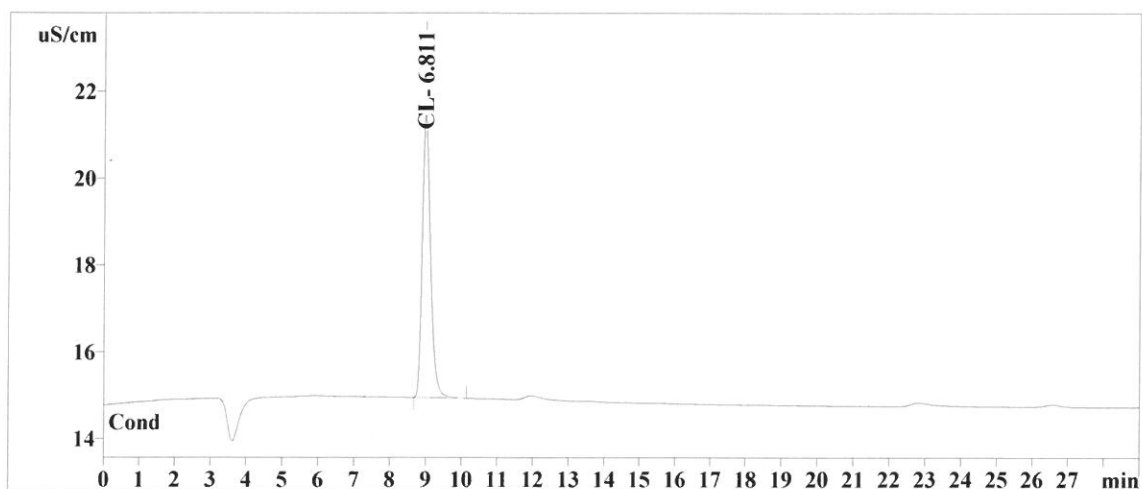
Ident: I6591-02DLX20
Analysis from: 11/28/2017 2:56:27 AM
File: _2017-11-28_

Last save: 11/28/2017 10:13:48 AM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60105

Last save: 11/27/2017 3:10:56 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	8.97	0.240	6.50	99.99	104.671	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	29.00	0.034	6.50	99.99	104.671	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 11/28/2017 10:14:21 AM
Printed by: wet

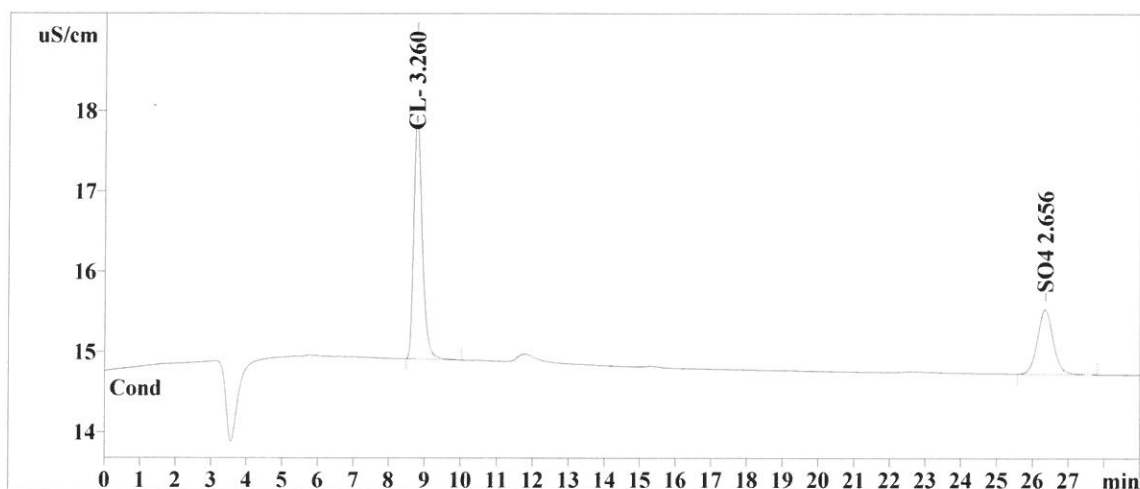
Ident: I6591-03DLX10
Analysis from: 11/28/2017 3:28:21 AM
File: _2017-11-28_

Last save: 11/28/2017 10:13:48 AM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60106

Last save: 11/27/2017 3:10:56 PM

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	8.77	0.243	3.03	79.01	49.324	66.43	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	26.34	0.467	0.80	20.96	24.923	33.57	0.
7	29.00	0.101	3.83	99.98	74.247	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 11/28/2017 10:14:37 AM
Printed by: wet

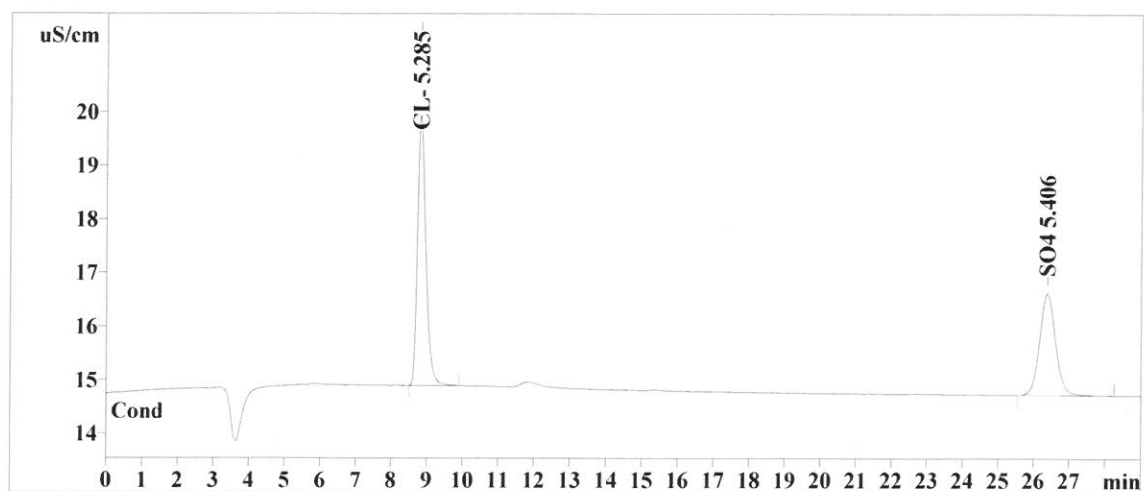
Ident: I6591-04DLX10
Analysis from: 11/28/2017 4:00:15 AM
File: _2017-11-28_

Last save: 11/28/2017 10:13:48 AM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60107

Last save: 11/27/2017 3:10:56 PM

SAMPLE:
: AK/AP
Vial number: 31
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	8.82	0.240	5.03	72.62	80.890	57.76	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	26.38	0.469	1.90	27.37	59.159	42.24	0.
7	29.00	0.101	6.93	99.99	140.049	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 11/28/2017 10:14:59 AM
Printed by: wet

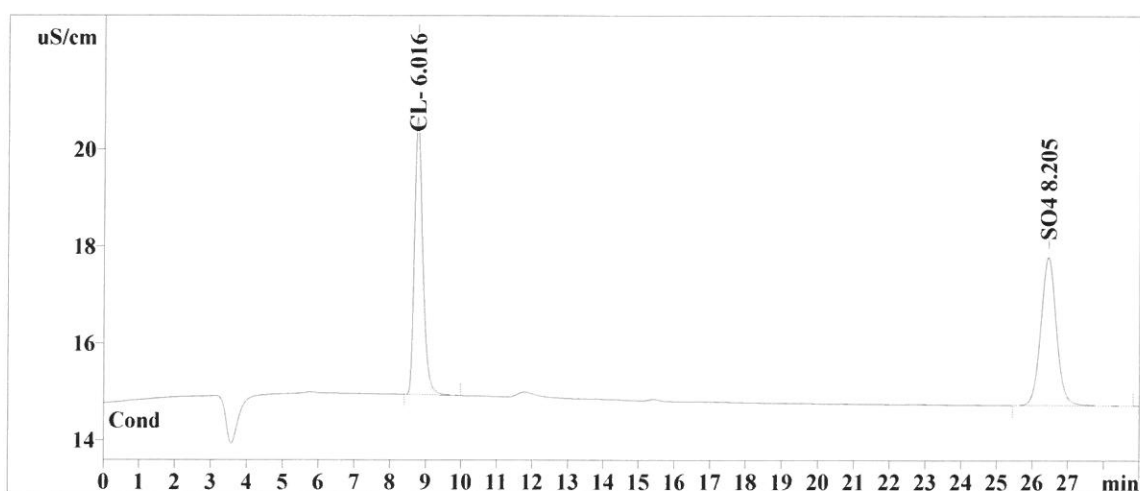
Ident: I6591-05DLX5
Analysis from: 11/28/2017 4:32:08 AM
File: _2017-11-28_

Last save: 11/28/2017 10:13:48 AM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60108

Last save: 11/27/2017 3:10:56 PM

SAMPLE:
: AK/AP
Vial number: 32
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	8.76	0.240	5.72	65.17	92.277	49.53	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	26.44	0.461	3.06	34.82	94.026	50.47	0.
7	29.00	0.100	8.78	100.00	186.303	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 11/28/2017 10:15:09 AM
Printed by: wet

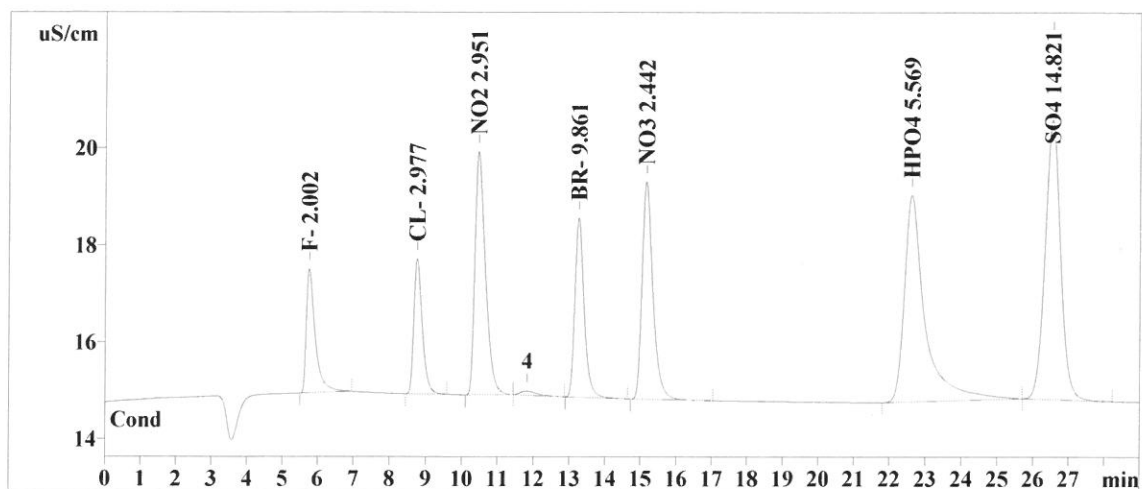
Ident: CCV
Analysis from: 11/28/2017 5:04:02 AM
File: _2017-11-28_

Last save: 11/28/2017 5:32:50 AM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60109

Last save: 11/27/2017 3:10:56 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	5.76	0.242	2.55	8.91	44.016	6.29	0.
2	8.76	0.242	2.79	9.73	44.907	6.41	0.
3	10.46	0.306	5.01	17.51	101.470	14.49	0.
4	13.27	0.268	3.70	12.91	67.062	9.58	0.
5	15.15	0.305	4.48	15.64	93.169	13.30	0.
6	22.61	0.503	4.26	14.87	170.358	24.33	0.
7	26.53	0.463	5.76	20.10	176.420	25.19	0.
7	29.00	0.333	28.55	99.69	697.403	99.59	0.

This report has been created by IC Net
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Report date: 11/28/2017 10:15:17 AM
Printed by: wet

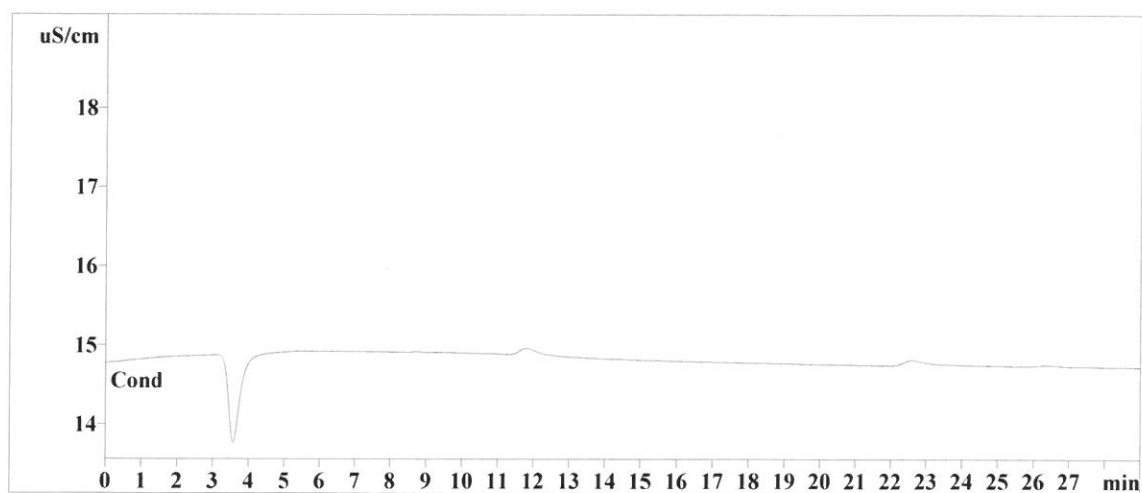
Ident: CCB
Analysis from: 11/28/2017 5:35:56 AM
File: _2017-11-28_

Last save: 11/28/2017 10:13:48 AM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60110

Last save: 11/27/2017 3:10:56 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: 11/28/2017 10:15:27 AM
Printed by: wet

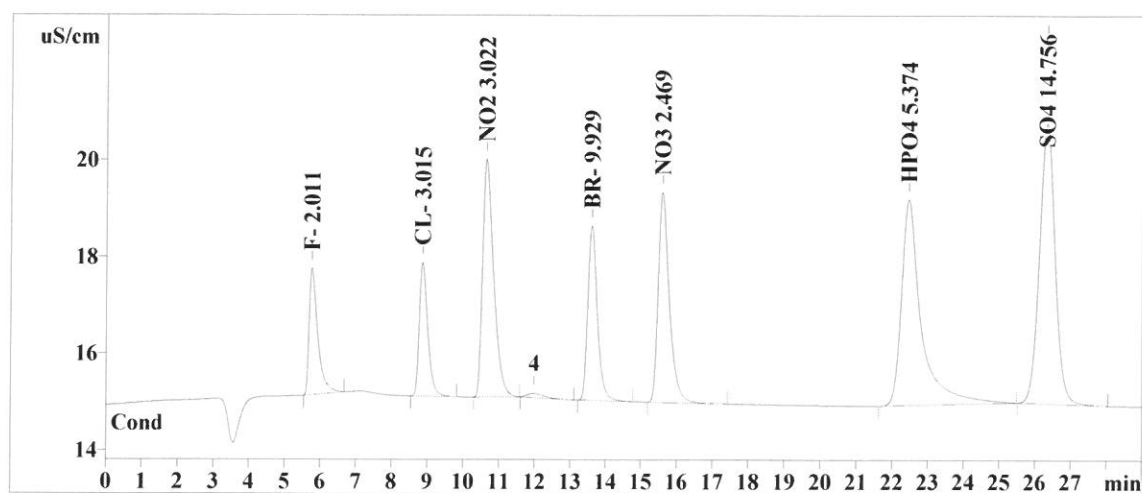
Ident: CCV
Analysis from: 11/28/2017 9:00:30 AM
File: _2017-11-28_

Last save: 11/28/2017 9:29:18 AM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60113

Last save: 11/27/2017 3:10:56 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	5.76	0.244	2.61	9.22	44.220	6.32	0.
2	8.86	0.247	2.76	9.72	45.511	6.51	0.
3	10.63	0.320	4.91	17.32	104.093	14.89	0.
4	13.60	0.277	3.61	12.72	67.541	9.66	0.
5	15.58	0.318	4.34	15.30	94.240	13.48	0.
6	22.44	0.490	4.25	14.99	165.061	23.61	0.
7	26.31	0.458	5.78	20.40	175.612	25.12	0.
7	29.00	0.336	28.25	99.68	696.279	99.58	0.

This report has been created by IC Net
METROHM LTD

Report date: 11/28/2017 10:15:36 AM
Printed by: wet

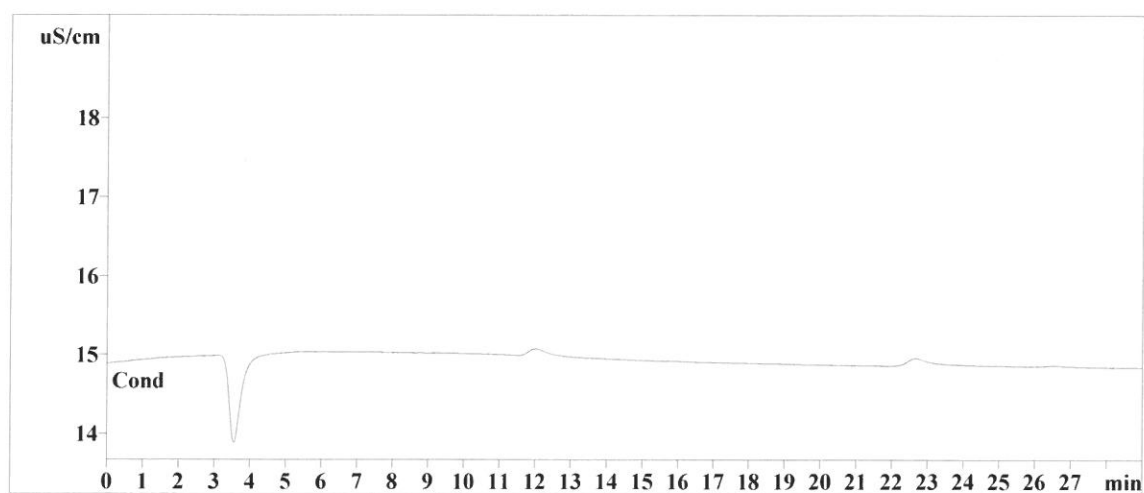
Ident: CCB
Analysis from: 11/28/2017 9:39:00 AM
File: _2017-11-28_

Last save: 11/28/2017 10:13:48 AM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60114

Last save: 11/27/2017 3:10:56 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: 11/28/2017 2:29:14 PM
Printed by: wet

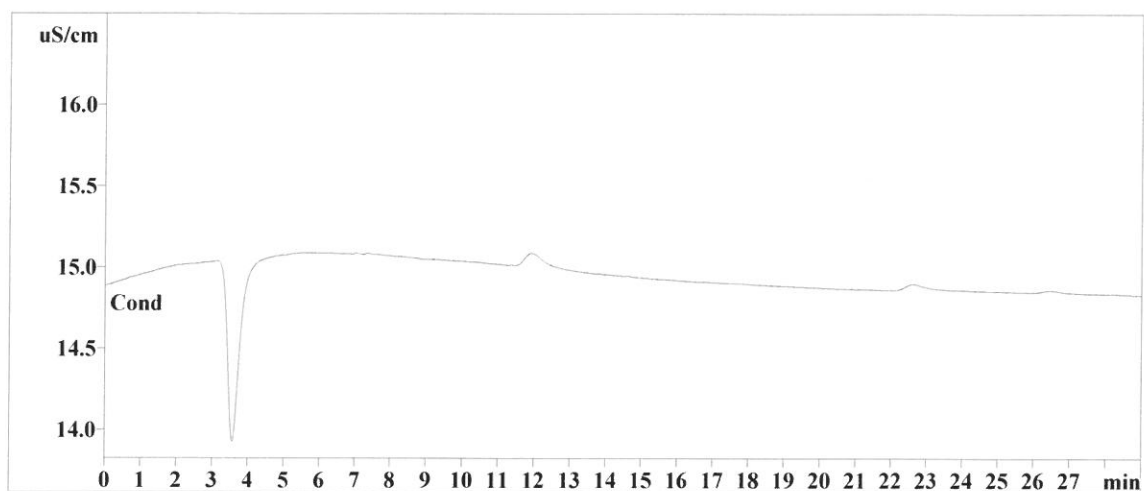
Ident: LB91791BLW2
Analysis from: 11/28/2017 10:10:54 AM
File: _2017-11-28_

Last save: 11/28/2017 2:27:54 PM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60115

Last save: 11/27/2017 3:10:56 PM

SAMPLE:
: AK/AP
Vial number: 13
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: 11/28/2017 2:31:50 PM
Printed by: wet

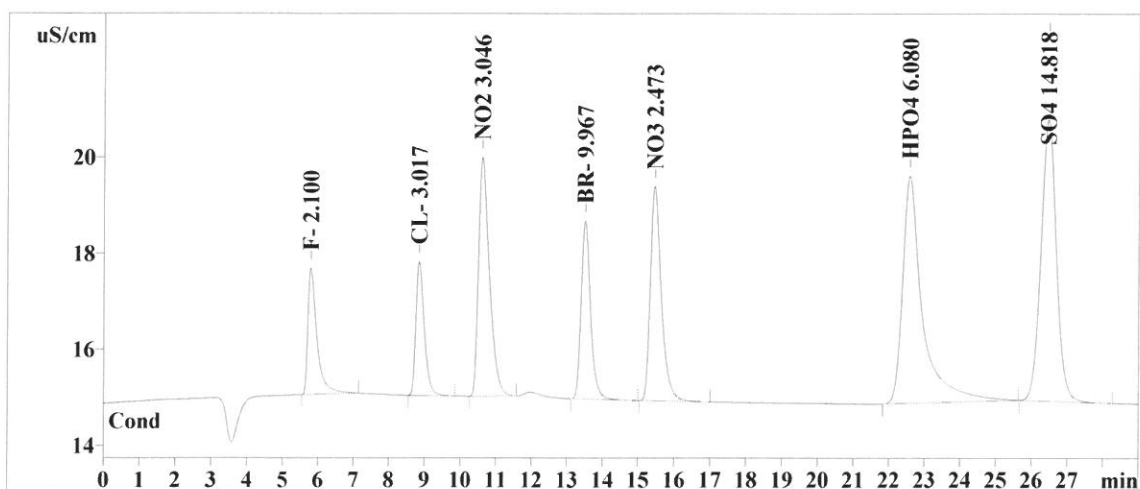
Ident: LB91791BSW2
Analysis from: 11/28/2017 10:42:48 AM
File: _2017-11-28_

Last save: 11/28/2017 2:27:54 PM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60116

Last save: 11/27/2017 3:10:56 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	5.79	0.244	2.63	9.03	46.264	6.43	0.
2	8.85	0.244	2.78	9.55	45.541	6.33	0.
3	10.61	0.319	4.97	17.08	104.995	14.59	0.
4	13.51	0.271	3.70	12.71	67.814	9.42	0.
5	15.44	0.310	4.46	15.30	94.390	13.12	0.
6	22.57	0.490	4.72	16.22	184.210	25.60	0.
7	26.45	0.455	5.85	20.10	176.384	24.51	0.
7	29.00	0.333	29.11	99.99	719.598	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 11/28/2017 2:31:58 PM
Printed by: wet

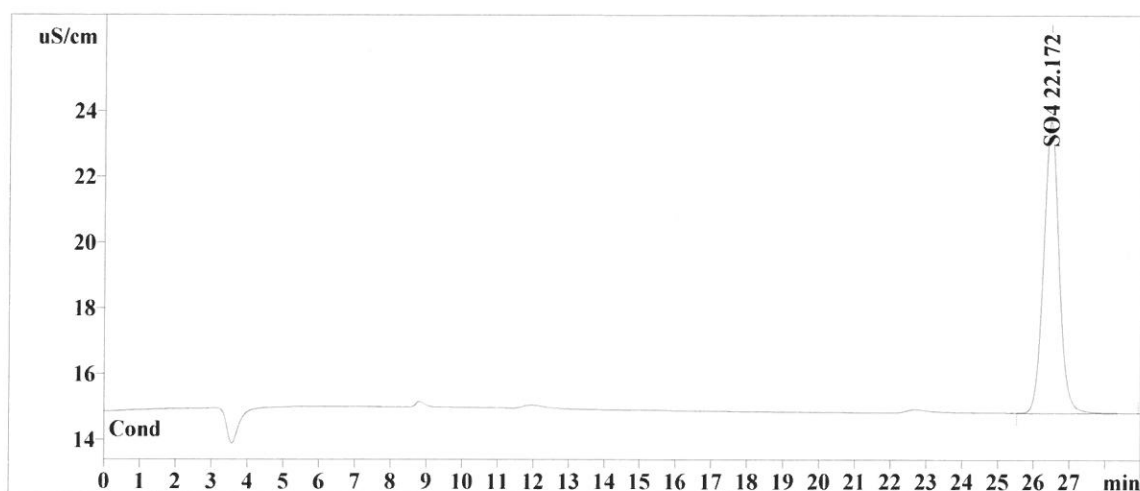
Ident: I6586-02DLX50
Analysis from: 11/28/2017 11:22:12 AM
File: _2017-11-28_

Last save: 11/28/2017 2:27:54 PM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60117

Last save: 11/27/2017 3:10:56 PM

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	0.00	0.000	0.00	0.00	0.000	0.00	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	26.46	0.453	8.86	99.99	267.963	100.00	0.
7	29.00	0.065	8.86	99.99	267.963	100.00	0.

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Report date: 11/28/2017 2:32:16 PM
Printed by: wet

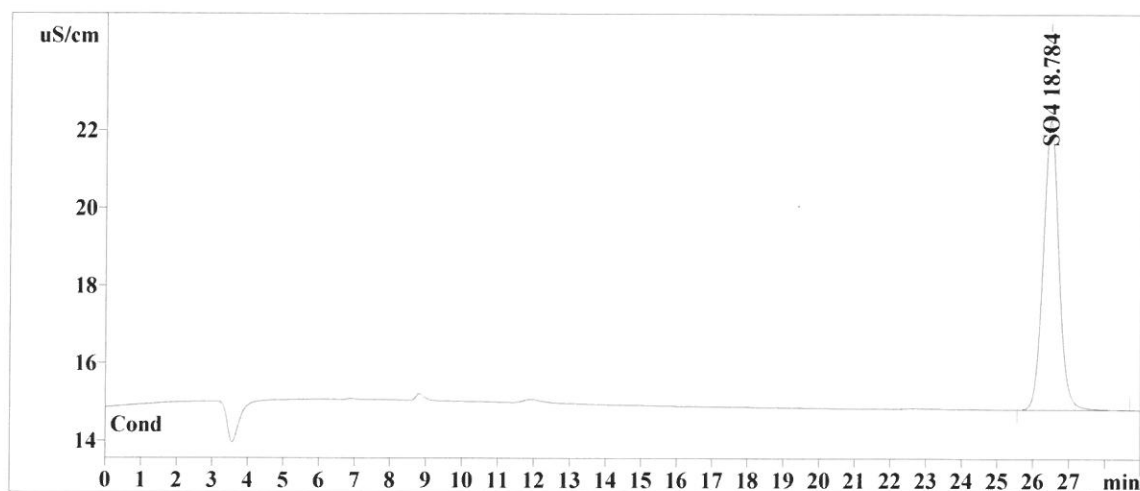
Ident: I6586-05DLX50
Analysis from: 11/28/2017 11:54:06 AM
File: _2017-11-28_

Last save: 11/28/2017 2:27:54 PM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60118

Last save: 11/27/2017 3:10:56 PM

SAMPLE:
: AK/AP
Vial number: 34
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	0.00	0.000	0.00	0.00	0.000	0.00	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	26.47	0.454	7.44	100.00	225.775	100.00	0.
7	29.00	0.065	7.44	100.00	225.775	100.00	0.

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Report date: 11/28/2017 2:32:53 PM
Printed by: wet

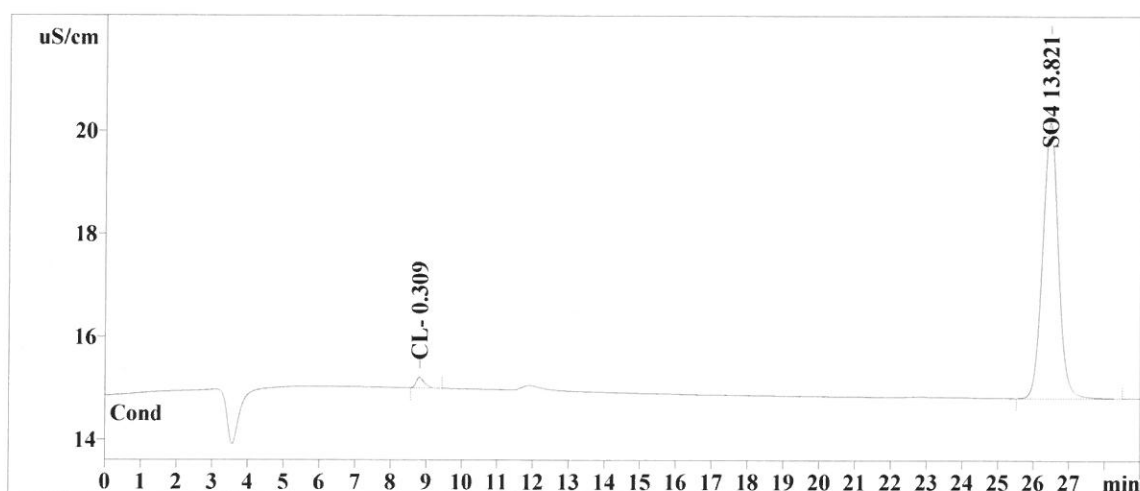
Ident: I6586-06DLX20
Analysis from: 11/28/2017 12:26:00 PM
File: _2017-11-28_

Last save: 11/28/2017 2:27:56 PM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60119

Last save: 11/27/2017 3:10:56 PM

SAMPLE:
: AK/AP
Vial number: 35
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	8.80	0.245	0.21	3.71	3.326	1.99	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	26.44	0.460	5.36	96.28	163.956	98.01	0.
7	29.00	0.101	5.56	99.99	167.282	100.00	0.

This report has been created by IC Net
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Report date: 11/28/2017 2:33:09 PM
Printed by: wet

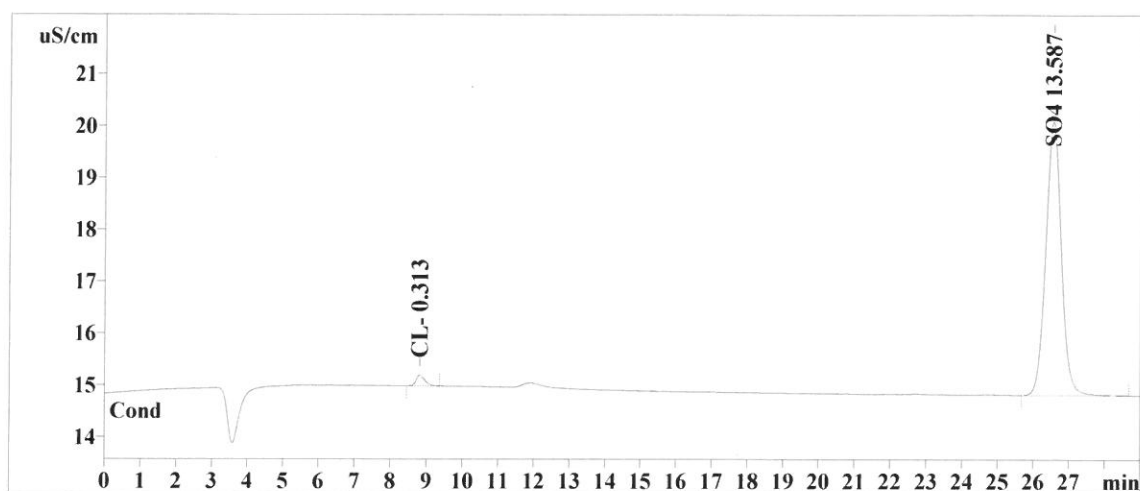
Ident: I6586-07DLX20
Analysis from: 11/28/2017 12:57:54 PM
File: _2017-11-28_

Last save: 11/28/2017 2:27:56 PM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60120

Last save: 11/27/2017 3:10:56 PM

SAMPLE:
: AK/AP
Vial number: 36
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	8.81	0.246	0.21	3.77	3.397	2.07	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	26.54	0.457	5.28	96.23	161.044	97.93	0.
7	29.00	0.101	5.49	99.99	164.441	100.00	0.

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Report date: 11/28/2017 2:33:34 PM
Printed by: wet

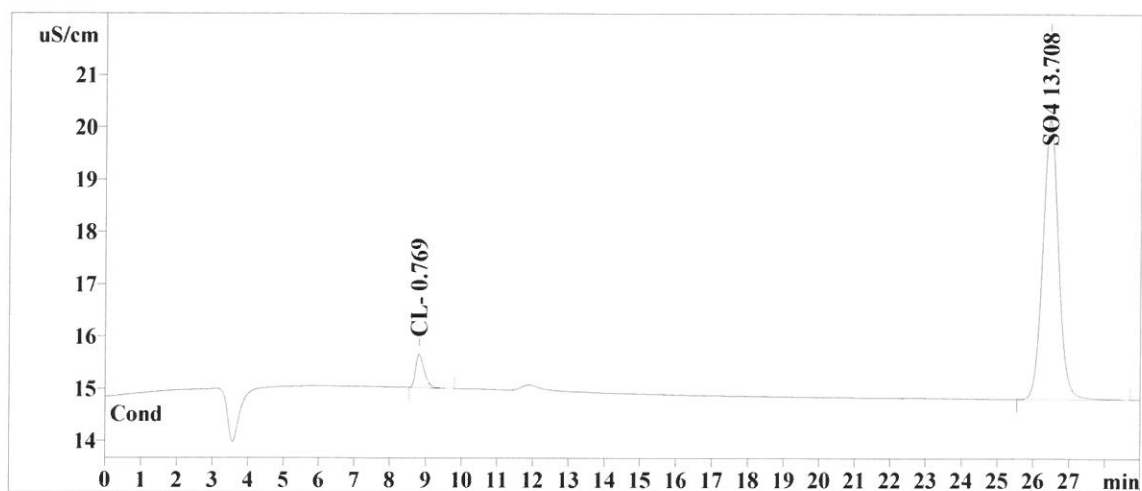
Ident: I6586-08DLX5
Analysis from: 11/28/2017 1:29:48 PM
File: _2017-11-28_

Last save: 11/28/2017 2:27:56 PM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60121

Last save: 11/27/2017 3:10:56 PM

SAMPLE:
: AK/AP
Vial number: 37
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	8.81	0.249	0.63	10.61	10.506	6.07	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	26.46	0.457	5.33	89.37	162.550	93.93	0.
7	29.00	0.101	5.96	99.98	173.055	100.00	0.

This report has been created by IC Net
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Report date: 11/28/2017 2:33:44 PM
Printed by: wet

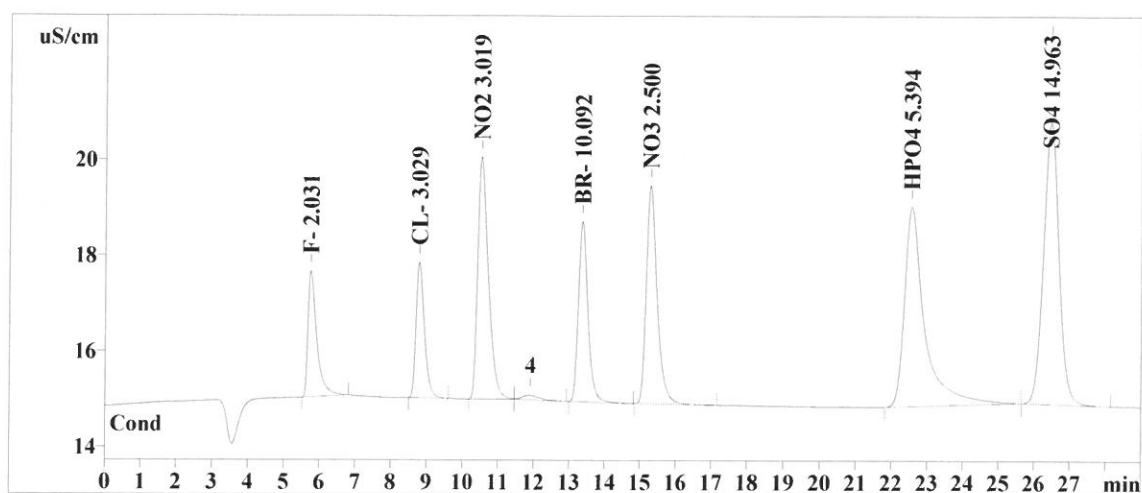
Ident: CCV
Analysis from: 11/28/2017 2:01:42 PM
File: _2017-11-28_

Last save: 11/28/2017 2:30:30 PM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60122

Last save: 11/27/2017 3:10:56 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	5.76	0.241	2.63	9.07	44.698	6.34	0.
2	8.79	0.242	2.83	9.77	45.732	6.48	0.
3	10.52	0.310	5.06	17.45	103.982	14.74	0.
4	13.36	0.270	3.76	12.98	68.704	9.74	0.
5	15.28	0.307	4.55	15.72	95.493	13.54	0.
6	22.55	0.500	4.17	14.39	165.611	23.48	0.
7	26.46	0.457	5.88	20.31	178.181	25.26	0.
7	29.00	0.333	28.88	99.68	702.402	99.57	0.

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Report date: 11/28/2017 3:02:38 PM
Printed by: wet

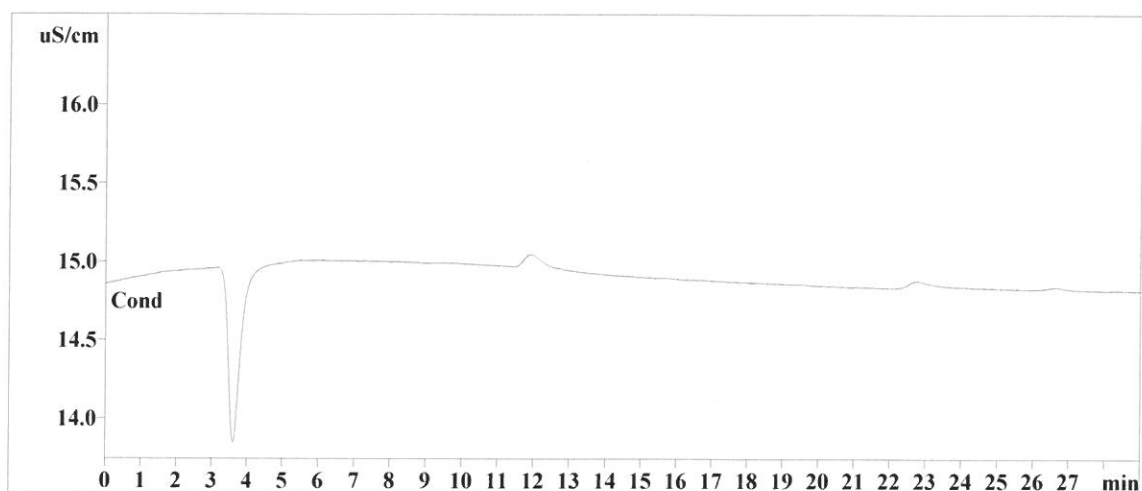
Ident: CCB
Analysis from: 11/28/2017 2:33:36 PM
File: _2017-11-28_

Last save: 11/28/2017 3:02:36 PM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60123

Last save: 11/27/2017 3:10:56 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