

10/31/17 AK

Clear table

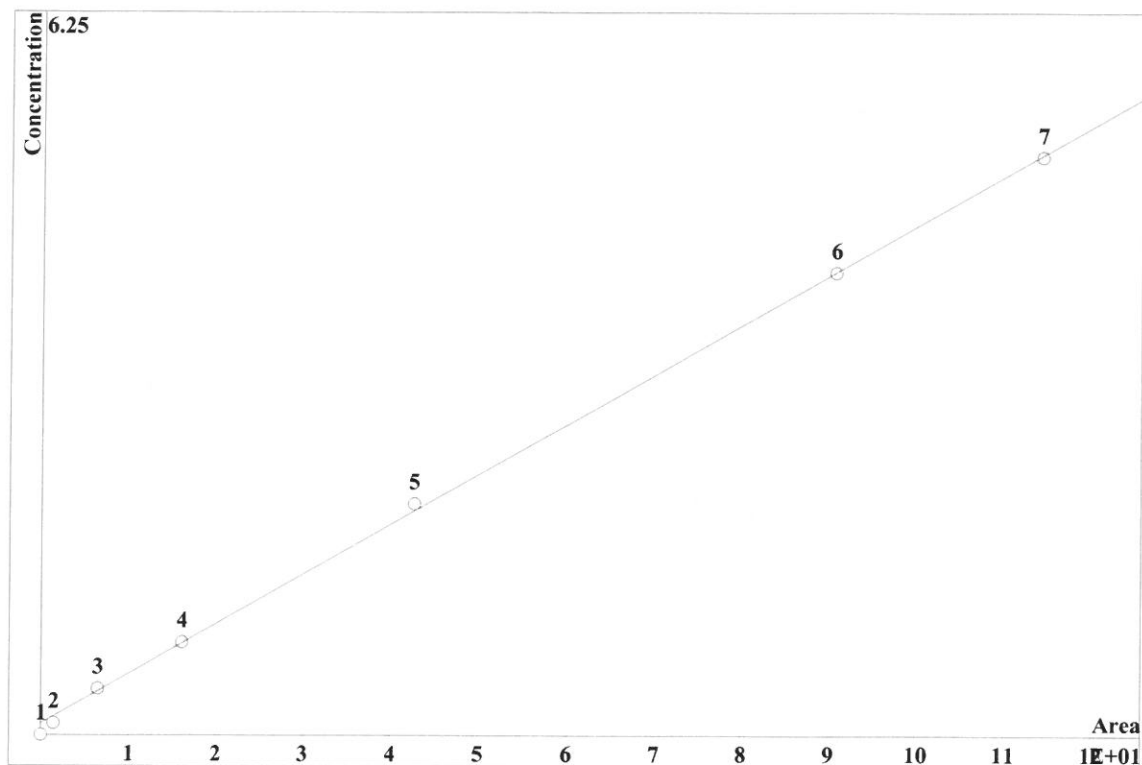
ident	concentrati on F-	concentrati on CL-	concentrati on NO2	concentrati on BR-	concentrati on NO3	concentrati on HPO4	concentrati on SO4	file name	date time
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-10-09	10/9/17 10:05
STD2	0.1630	0.2290	0.2290	0.6910	0.2090	0.3940	1.3410	2017-10-09	10/9/17 10:35
STD3	0.3780	0.6300	0.6430	2.0910	0.5350	1.1280	3.2330	2017-10-09	10/9/17 11:05
STD4	0.7940	1.1810	1.1750	3.9250	0.9790	1.9510	5.8330	2017-10-09	10/9/17 11:35
STD5	1.9400	2.9080	2.8830	9.8240	2.3990	4.7880	14.1990	2017-10-09	10/9/17 12:05
STD6	4.0050	5.8690	5.9040	19.5690	4.8640	9.6660	29.4000	2017-10-09	10/9/17 12:35
STD7	5.0200	7.6340	7.6160	25.3990	6.3890	12.8220	38.2440	2017-10-09	10/9/17 13:05
ICV	2.0420	2.9490	2.9450	9.8650	2.4420	5.2780	14.8370	2017-10-09	10/9/17 14:52
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-10-09	10/9/17 15:22
CCV	2.0710	2.8940	2.8730	9.7220	2.3900	6.1030	14.1060	2017-10-25	10/25/17 2:07
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-10-25	10/25/17 2:36
LB91083BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-10-25	10/25/17 11:47
LB91083BSW	2.1280	2.9120	2.9320	10.1050	2.4420	6.6960	14.9220	2017-10-25	10/25/17 12:45
I6129-01	0.4240	4.7880	0.0000	4.1760	0.0000	1.1310	4043.2350	2017-10-25	10/25/17 14:07
I6129-03	0.1780	2.7860	0.0000	0.8230	0.0000	0.0000	64.6590	2017-10-25	10/25/17 14:36
I6143-01	0.0000	129.0750	0.0000	8.3420	0.0000	0.0000	1.0510	2017-10-25	10/25/17 15:05
I6143-02	0.0000	16.4170	0.0000	8.5710	0.2490	0.0000	4.0370	2017-10-25	10/25/17 15:34
I6143-06	0.0000	129.5960	0.0000	8.1800	0.0000	0.0000	1.0210	2017-10-25	10/25/17 16:03
I6143-02DUP	0.0000	16.4370	0.0000	8.4880	0.2470	0.0000	3.8380	2017-10-25	10/25/17 16:31
I6143-02MS	2.7510	17.1380	1.9050	12.0100	2.7020	3.1760	18.8720	2017-10-25	10/25/17 17:00
I6143-02MSD	2.6830	17.3510	1.8920	12.1390	2.7160	2.3660	19.0220	2017-10-25	10/25/17 17:29
CCV	2.2890	2.9820	2.9090	10.0440	2.3860	2.6430	14.4540	2017-10-25	10/25/17 17:58
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-10-25	10/25/17 18:27
I6129-04	0.1520	4.1280	0.0000	1.2730	0.0000	0.0000	80.6720	2017-10-25	10/25/17 18:56
I6129-05	0.0000	3.4360	0.0000	0.8100	0.0000	0.0000	17.4230	2017-10-25	10/25/17 19:25
I6129-06	0.2880	3.5210	0.0000	1.4950	0.0000	1.0690	587.8280	2017-10-25	10/25/17 19:54
I6129-06DUP	0.3610	3.3480	0.0000	1.4800	0.0000	1.2550	592.6090	2017-10-25	10/25/17 20:23
I6129-06MS	2.6090	6.4490	2.9880	10.7340	2.4900	6.6080	564.4650	2017-10-25	10/25/17 20:52
I6143-01DLX20	0.0000	4.9780	0.0000	0.0000	0.0000	0.0000	0.0000	2017-10-25	10/25/17 21:21

I6143-02DLX5	0.0000	3.1800	0.0000	1.5830	0.0000	0.0000	0.0000	1.3520	2017-10-25	10/25/17 21:50
I6143-06DLX20	0.0000	4.9130	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-10-25	10/25/17 22:19
I6129-01DLX20C	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	15.6350	2017-10-25	10/25/17 22:47
I6129-03DLX5	0.0000	0.5970	0.0000	0.0000	0.0000	0.0000	0.0000	11.5050	2017-10-25	10/25/17 23:16
CCV	2.1590	2.9100	2.9960	9.9950	2.4220	5.2560	0.0000	14.6050	2017-10-25	10/25/17 23:45
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-10-26	10/26/17 0:14
CCV	2.1040	2.8860	2.9320	9.9670	2.3770	5.5750	0.0000	13.6050	2017-10-26	10/26/17 9:29
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-10-26	10/26/17 9:58
LB91083BLW2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-10-26	10/26/17 10:27
LB91083BSW2	2.0480	2.8570	2.8790	9.7310	2.3700	5.8950	0.0000	13.8690	2017-10-26	10/26/17 10:56
I6140-01	0.0000	31.5670	0.0000	0.0000	0.6600	0.0000	0.0000	12.6570	2017-10-26	10/26/17 11:25
I6140-01DUP	0.0000	31.3640	0.0000	0.0000	0.6600	0.0000	0.0000	12.6150	2017-10-26	10/26/17 11:54
I6140-01MS	2.3930	31.7400	2.9460	10.3350	3.0330	7.4000	0.0000	26.0980	2017-10-26	10/26/17 12:23
I6140-01MSD	2.1430	31.9250	2.8370	10.0020	2.9590	7.3080	0.0000	26.0190	2017-10-26	10/26/17 12:51
I6129-04DLX5	0.0000	0.8540	0.0000	0.0000	0.0000	0.0000	0.0000	14.1470	2017-10-26	10/26/17 13:20
I6129-06DLX20	0.0000	0.2290	0.0000	0.0000	0.0000	0.0000	0.0000	21.7070	2017-10-26	10/26/17 13:49
CCV	1.9760	2.8900	2.8840	9.6380	2.3480	6.3150	0.0000	13.9640	2017-10-26	10/26/17 14:18
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-10-26	10/26/17 14:47

IC-1
10-09-17

CALIBRATION OF COMPONENT F-

Method: ANIONS 10-09-17.mtw
Equation: $Q = 0.86129 \cdot A + 2.02421$
RSD: 2.252 %
Correlation coefficient: 0.999793



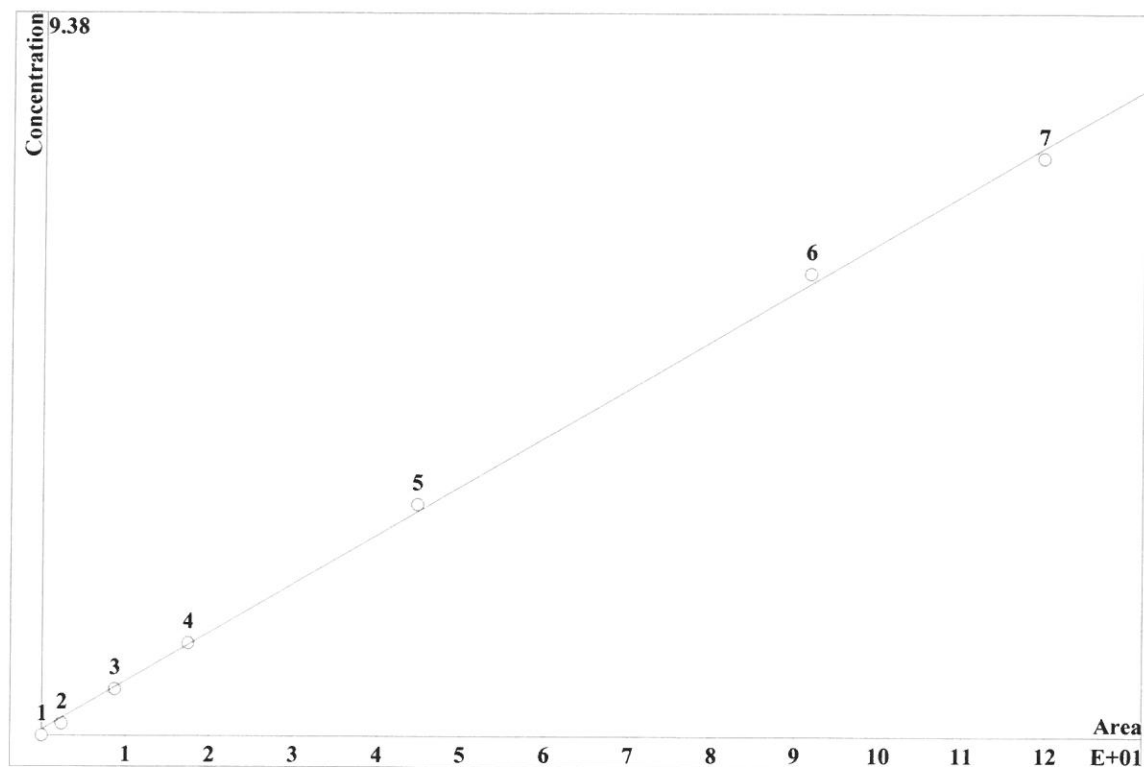
K3 = 0 K2 = 0 K1 = 0.86129 K0 = 2.02421

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	0.07192	1.439	0.1	0.1	20	5.813		Yes
3	0.3127	6.419	0.4	0.4	20	5.813		Yes
4	0.6874	16.1	0.8	0.8	20	5.813		Yes
5	1.893	42.7	2	2	20	5.813		Yes
6	4.064	90.64	4	4	20	5.813		Yes
7	5.333	114.2	5	5	20	5.813		Yes

CALIBRATION OF COMPONENT CL-

Method: ANIONS 10-09-17.mtw
 Equation: $Q = 1.2643 \cdot A + 1.5686$
 RSD: 3.672 %
 Correlation coefficient: 0.999450



K3 = 0 K2 = 0 K1 = 1.2643 K0 = 1.5686

Base: Area

Ref.channel: Cond

ISTD:

Formula: Linear

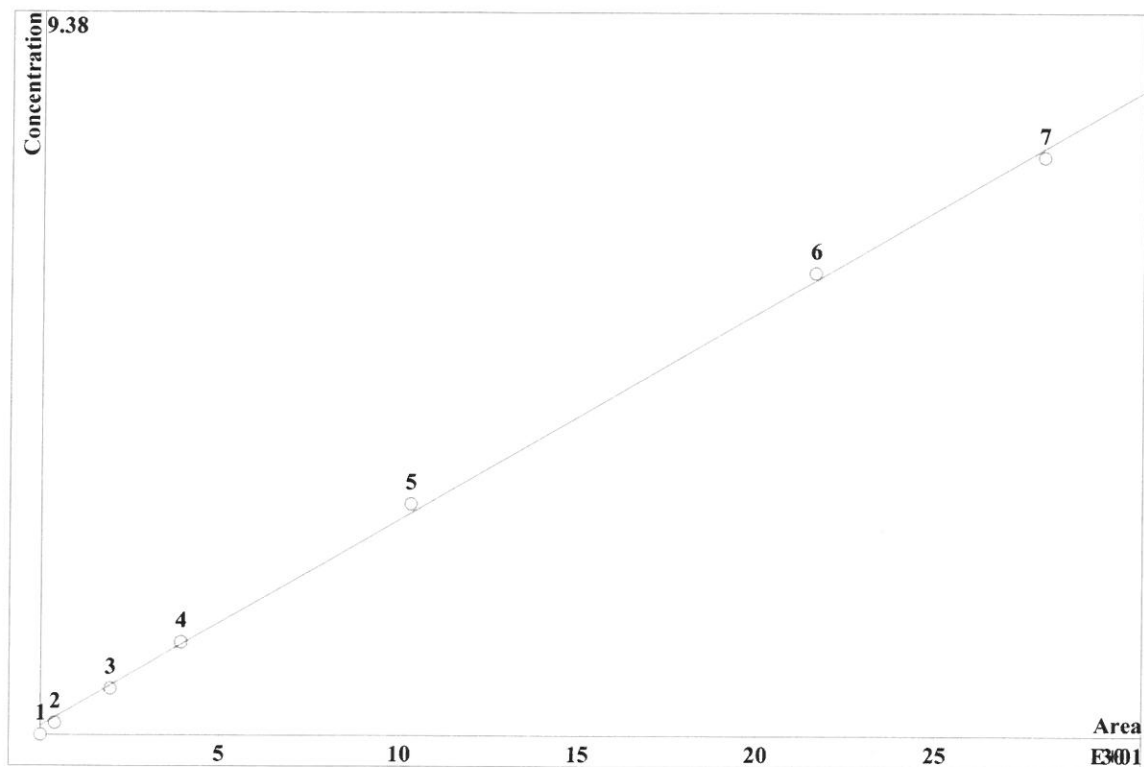
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0	No	
2	0.112	2.38	0.15	20	8.549	Yes	
3	0.4267	8.718	0.6	20	8.549	Yes	
4	0.8585	17.44	1.2	20	8.549	Yes	
5	2.218	44.76	3	20	8.549	Yes	
6	4.598	91.6	6	20	8.549	Yes	
7	5.974	119.5	7.5	20	8.549	Yes	

±□;□

CALIBRATION OF COMPONENT NO2

Method: ANIONS 10-09-17.mtw
 Equation: $Q = 0.53566 \cdot A + 2.41064$
 RSD: 3.445 %
 Correlation coefficient: 0.999516



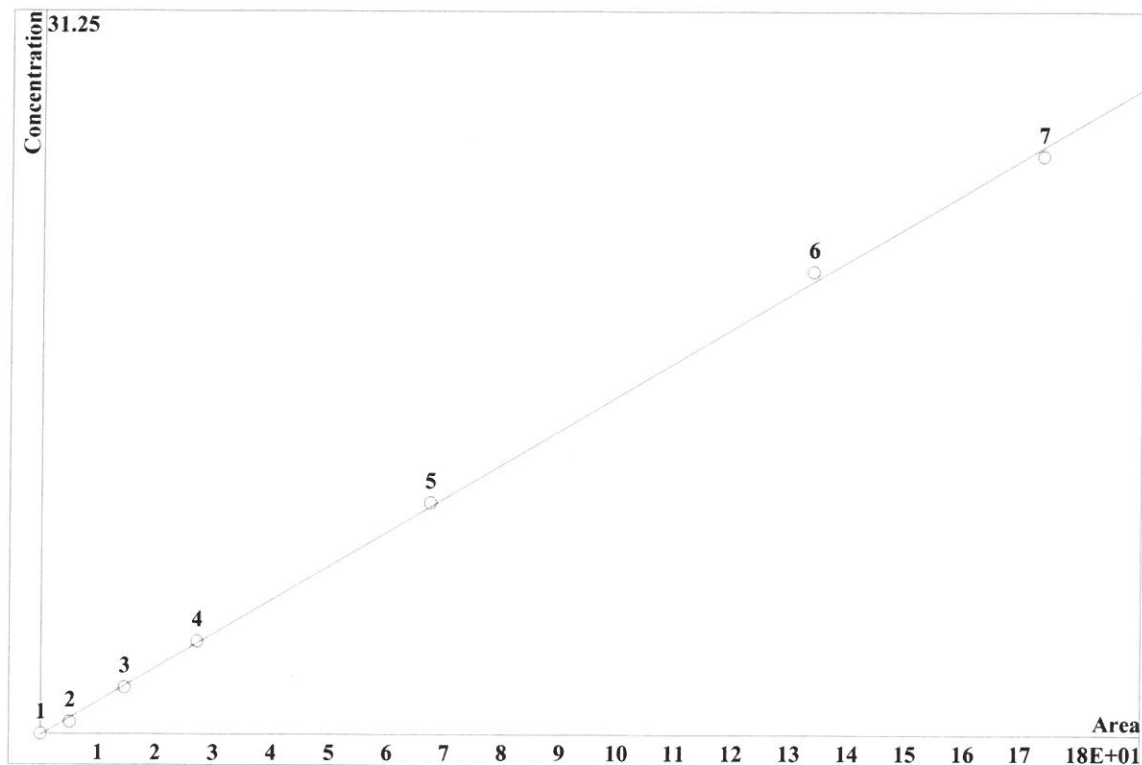
K3 = 0 K2 = 0 K1 = 0.53566 K0 = 2.41064

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	0.1859	4.032	0.15	20	10.12	Yes	
3	0.8464	19.5	0.6	20	10.12	Yes	
4	1.744	39.36	1.2	20	10.12	Yes	
5	4.642	103.2	3	20	10.12	Yes	
6	9.756	216	6	20	10.12	Yes	
7	12.68	279.9	7.5	20	10.12	Yes	

CALIBRATION OF COMPONENT BR-

Method: ANIONS 10-09-17.mtw
 Equation: $Q = 2.9328 \cdot A - 1.14636$
 RSD: 3.182 %
 Correlation coefficient: 0.999587



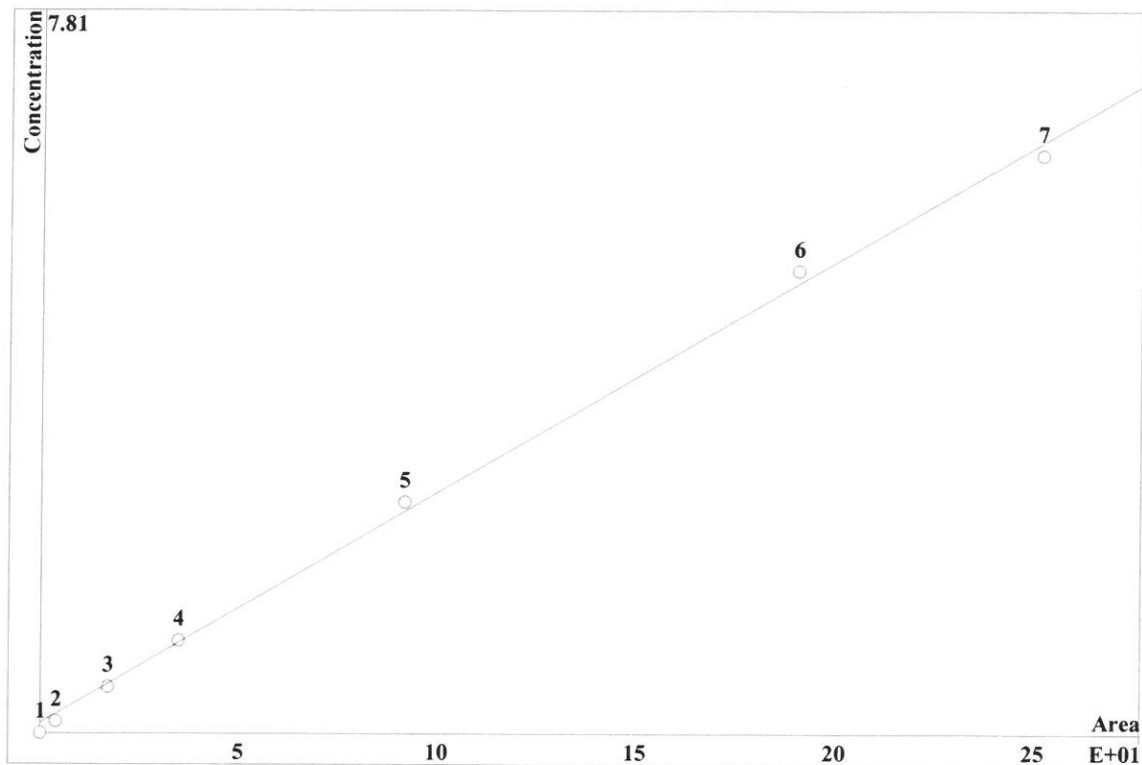
K3 = 0 K2 = 0 K1 = 2.9328 K0 = -1.14636

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	0.1319	5.103	0.5	20	12.77	Yes	
3	0.3655	14.65	2	20	12.77	Yes	
4	0.6666	27.16	4	20	12.77	Yes	
5	1.524	67.39	10	20	12.77	Yes	
6	2.684	133.8	20	20	12.77	Yes	
7	3.273	173.6	25	20	12.77	Yes	

CALIBRATION OF COMPONENT NO3

Method: ANIONS 10-09-17.mtw
 Equation: $Q = 0.498326 \cdot A + 2.26137$
 RSD: 4.652 %
 Correlation coefficient: 0.999116



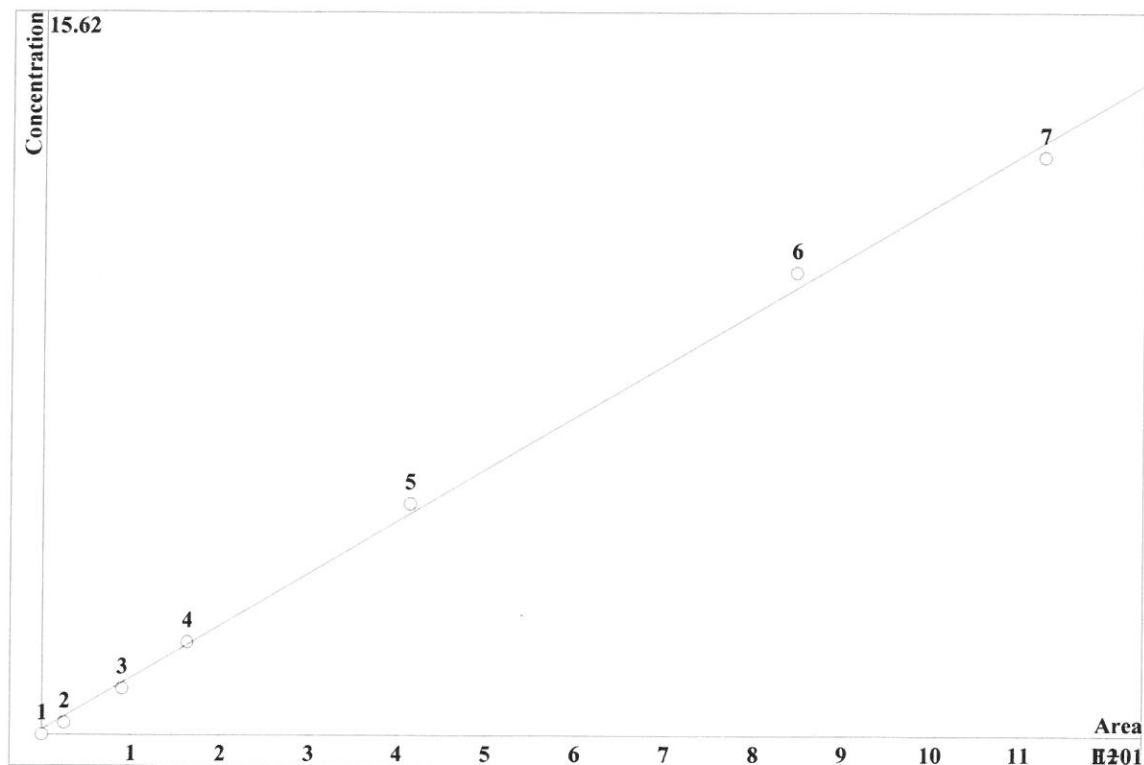
K3 = 0 K2 = 0 K1 = 0.498326 K0 = 2.26137

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	0.1399	3.863	0.125	20	14.38			Yes
3	0.5984	16.92	0.5	20	14.38			Yes
4	1.217	34.75	1	20	14.38			Yes
5	3.182	91.75	2.5	20	14.38			Yes
6	6.668	190.7	5	20	14.38			Yes
7	8.653	251.9	6.25	20	14.38			Yes

CALIBRATION OF COMPONENT HPO4

Method: ANIONS 10-09-17.mtw
 Equation: $Q = 2.25662 \cdot A + 2.2697$
 RSD: 5.339 %
 Correlation coefficient: 0.998836



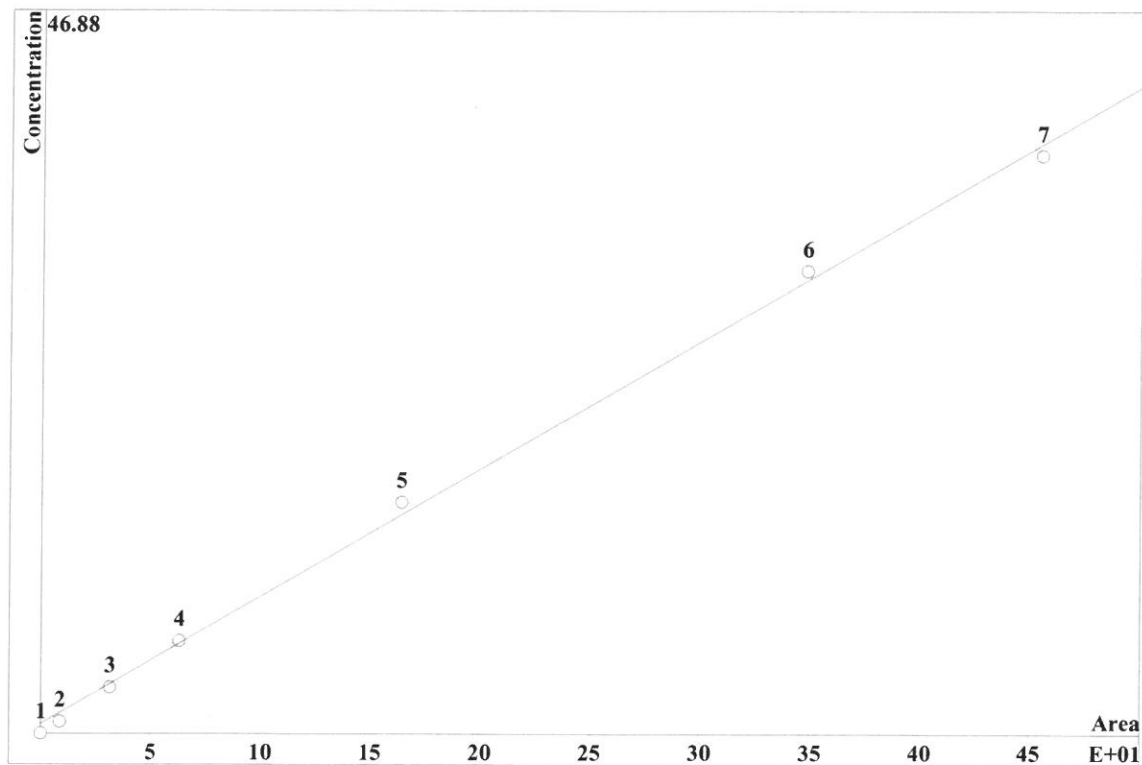
K3 = 0 K2 = 0 K1 = 2.25662 K0 = 2.2697

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	0.03997	2.484	0.25	20	21.58	Yes	
3	0.1437	8.995	1	20	21.58	Yes	
4	0.2675	16.28	2	20	21.58	Yes	
5	0.7043	41.43	5	20	21.58	Yes	
6	1.487	84.67	10	20	21.58	Yes	
7	2.01	112.6	12.5	20	21.58	Yes	

CALIBRATION OF COMPONENT SO4

Method: ANIONS 10-09-17.mtw
 Equation: $Q = 1.6528 \cdot A + 12.6134$
 RSD: 4.583 %
 Correlation coefficient: 0.999142



K3 = 0 K2 = 0 K1 = 1.6528 K0 = 12.6134

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	0.1944	8.6	0.75	20	24.1		Yes
3	0.7368	31.49	3	20	24.1		Yes
4	1.5	62.95	6	20	24.1		Yes
5	3.959	164.2	15	20	24.1		Yes
6	8.459	348.1	30	20	24.1		Yes
7	11.15	455.1	37.5	20	24.1		Yes

Report date: 10/11/2017 9:43:28 AM
Printed by: wet

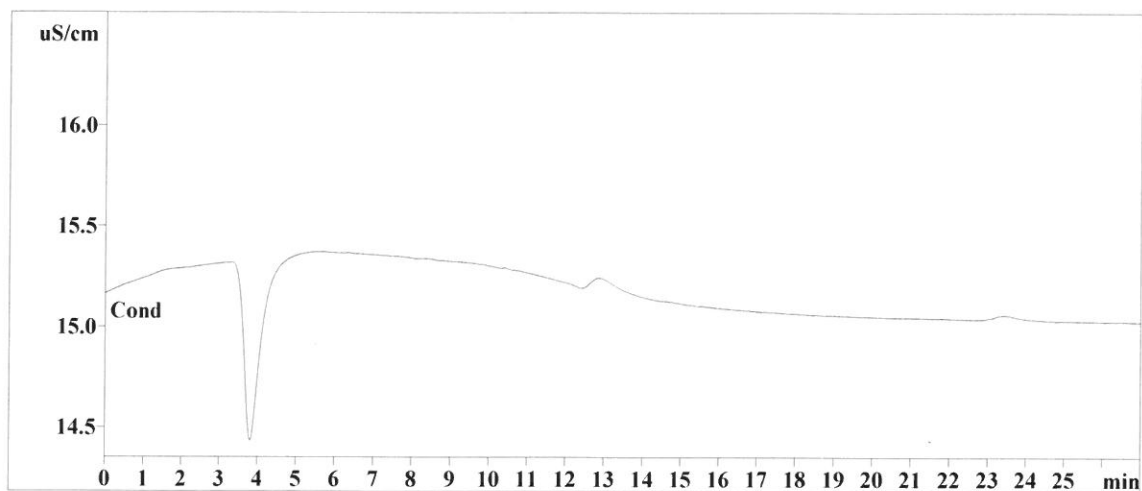
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Analysis from: 10/9/2017 10:05:47 AM
File: _2017-10-09_

Last save: 10/9/2017 2:28:58 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59329

Last save: 10/9/2017 1:02:12 PM

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



Quantitation method: Custom

No peaks

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Report date: 10/11/2017 9:43:37 AM
Printed by: wet

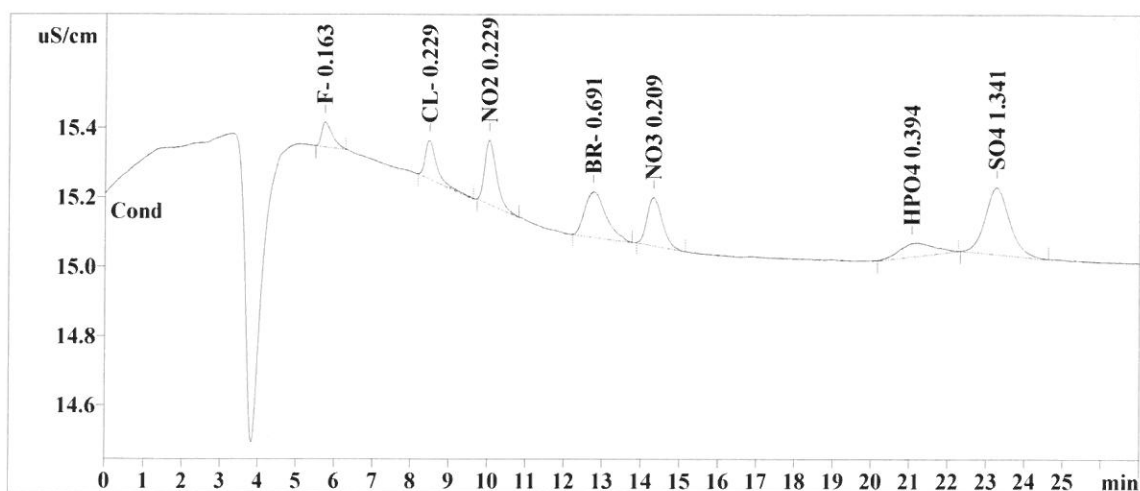
Ident: STD2
Analysis from: 10/9/2017 10:35:42 AM
File: _2017-10-09_

Last save: 10/9/2017 2:28:58 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59330

Last save: 10/9/2017 1:02:12 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	5.73	0.306	0.07	8.17	1.439	5.16	0.
2	8.47	0.300	0.11	12.67	2.380	8.53	0.
3	10.03	0.327	0.19	21.15	4.032	14.45	0.
4	12.77	0.592	0.13	14.97	5.103	18.29	0.
5	14.31	0.430	0.14	15.87	3.863	13.84	0.
6	21.05	0.995	0.04	4.45	2.484	8.90	0.
7	23.26	0.660	0.19	22.05	8.600	30.82	0.
7	27.00	0.516	0.87	99.32	27.902	100.00	0.

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Report date: 10/11/2017 9:43:46 AM
Printed by: wet

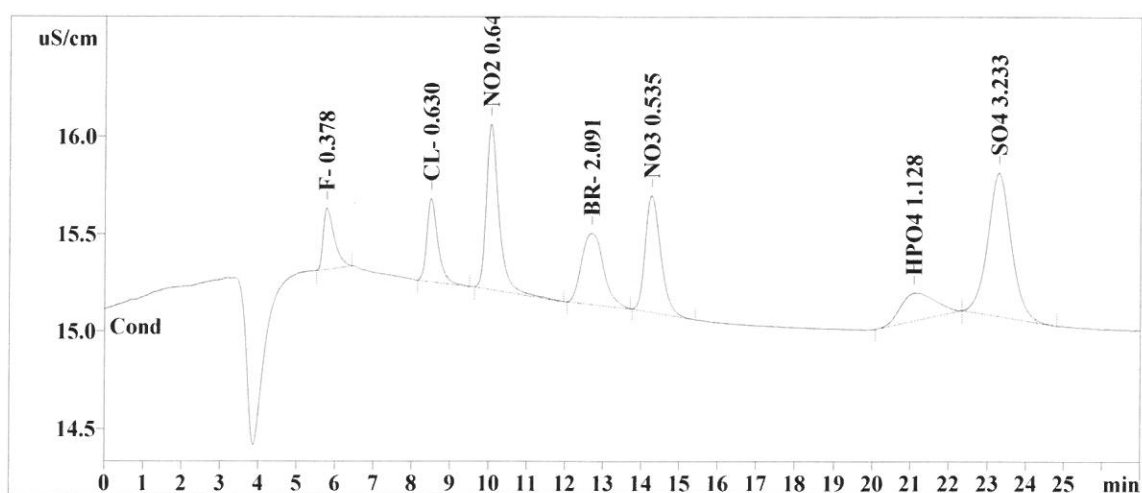
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Analysis from: 10/9/2017 11:05:37 AM
File: _2017-10-09_

Last save: 10/9/2017 2:28:58 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59331

Last save: 10/9/2017 1:02:12 PM

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	5.77	0.309	0.31	9.11	6.419	6.02	0.
2	8.49	0.298	0.43	12.44	8.718	8.17	0.
3	10.05	0.326	0.85	24.68	19.504	18.28	0.
4	12.70	0.618	0.36	10.64	14.652	13.73	0.
5	14.26	0.430	0.60	17.42	16.925	15.86	0.
6	21.07	1.029	0.14	4.17	8.995	8.43	0.
7	23.29	0.635	0.74	21.47	31.487	29.51	0.
7	27.00	0.521	3.43	99.93	106.701	100.00	0.

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Report date: 10/11/2017 9:43:55 AM
Printed by: wet

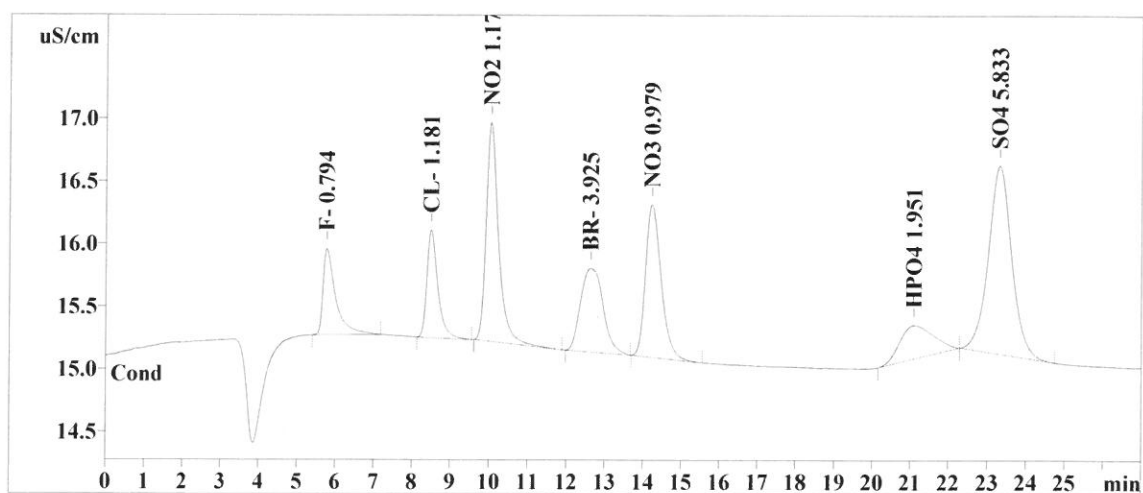
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Analysis from: 10/9/2017 11:35:32 AM
File: _2017-10-09_

Last save: 10/9/2017 2:28:58 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59332

Last save: 10/9/2017 1:02:12 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	5.77	0.316	0.69	9.90	16.097	7.52	0.
2	8.49	0.296	0.86	12.37	17.436	8.15	0.
3	10.04	0.322	1.74	25.11	39.356	18.39	0.
4	12.63	0.643	0.67	9.59	27.159	12.69	0.
5	14.22	0.431	1.22	17.52	34.746	16.23	0.
6	21.07	0.995	0.27	3.85	16.282	7.61	0.
7	23.31	0.621	1.50	21.61	62.952	29.41	0.
7	27.00	0.518	6.94	99.95	214.028	100.00	0.

This report has been created by IC Net
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Report date: 10/11/2017 9:44:01 AM
Printed by: wet

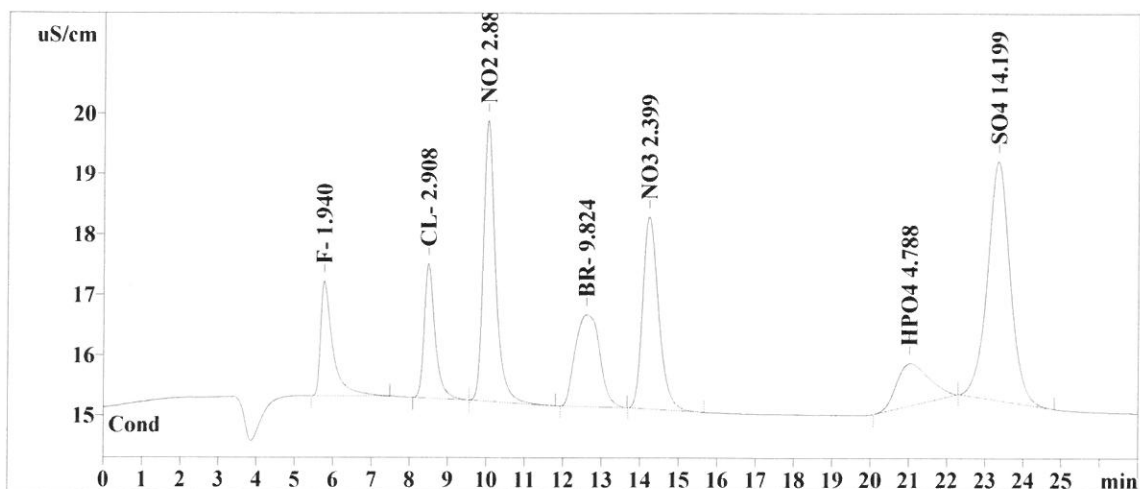
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Analysis from: 10/9/2017 12:05:27 PM
File: _2017-10-09_

Last save: 10/9/2017 2:28:58 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59333

Last save: 10/9/2017 1:02:12 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	5.76	0.303	1.89	10.44	42.702	7.69	0.
2	8.48	0.293	2.22	12.24	44.760	8.06	0.
3	10.03	0.320	4.64	25.61	103.155	18.57	0.
4	12.60	0.720	1.52	8.41	67.388	12.13	0.
5	14.23	0.435	3.18	17.56	91.753	16.52	0.
6	21.01	0.942	0.70	3.88	41.433	7.46	0.
7	23.34	0.612	3.96	21.84	164.188	29.56	0.
7	27.00	0.518	18.12	99.99	555.379	100.00	0.

This report has been created by IC Net
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Report date: 10/11/2017 9:46:22 AM
Printed by: wet

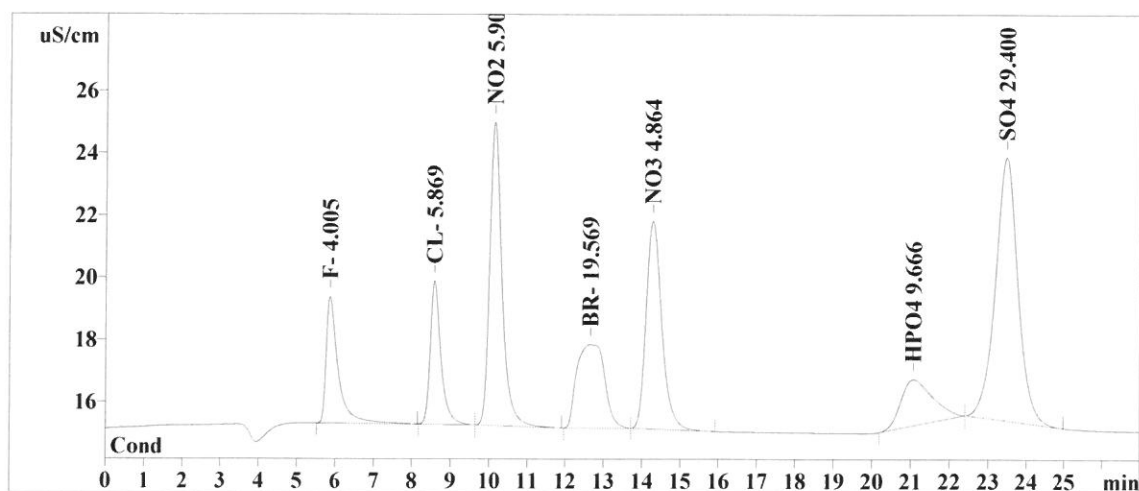
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Analysis from: 10/9/2017 12:35:22 PM
File: _2017-10-09_

Last save: 10/9/2017 2:29:00 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59334

Last save: 10/9/2017 1:02:12 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.85	0.300	4.06	10.77	90.643	7.84	0.
2	8.57	0.289	4.60	12.19	91.604	7.93	0.
3	10.13	0.319	9.76	25.87	215.956	18.69	0.
4	12.65	0.824	2.68	7.12	133.842	11.58	0.
5	14.27	0.431	6.67	17.68	190.666	16.50	0.
6	21.05	0.895	1.49	3.94	84.666	7.33	0.
7	23.46	0.606	8.46	22.43	348.130	30.13	0.
7	27.00	0.523	37.71	100.00	1155.506	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/11/2017 9:46:30 AM
Printed by: wet

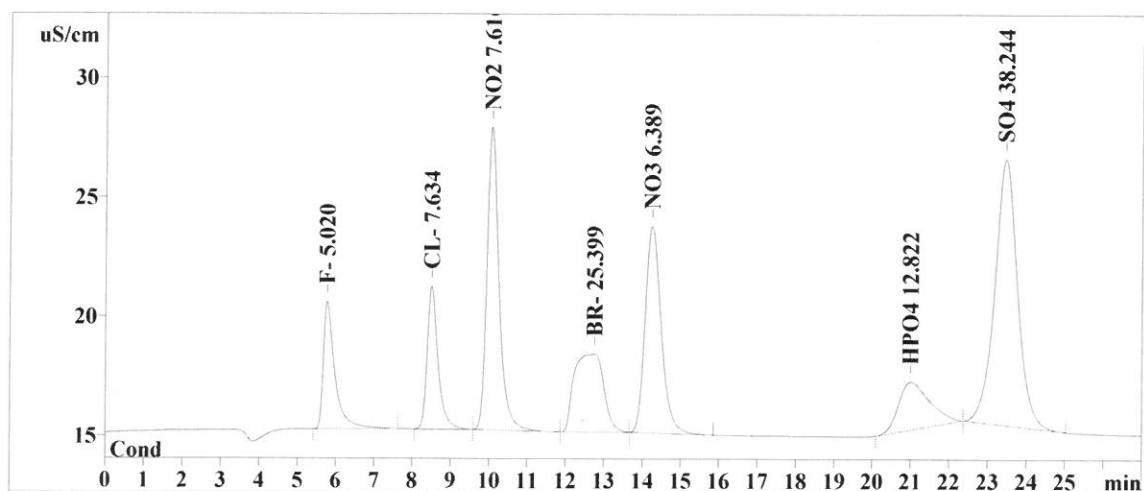
Ident: STD7
Analysis from: 10/9/2017 1:05:18 PM
File: _2017-10-09_

Last save: 10/10/2017 9:01:54 AM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59335

Last save: 10/9/2017 1:02:12 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	5.76	0.294	5.33	10.87	114.217	7.58	0.
2	8.49	0.289	5.97	12.18	119.520	7.93	0.
3	10.05	0.319	12.67	25.83	279.865	18.57	0.
4	12.75	0.880	3.27	6.67	173.595	11.52	0.
5	14.24	0.439	8.65	17.64	251.886	16.72	0.
6	20.99	0.870	2.01	4.10	112.635	7.47	0.
7	23.45	0.598	11.15	22.72	455.143	30.20	0.
7	27.00	0.527	49.06	100.00	1506.861	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/11/2017 9:46:55 AM
Printed by: wet

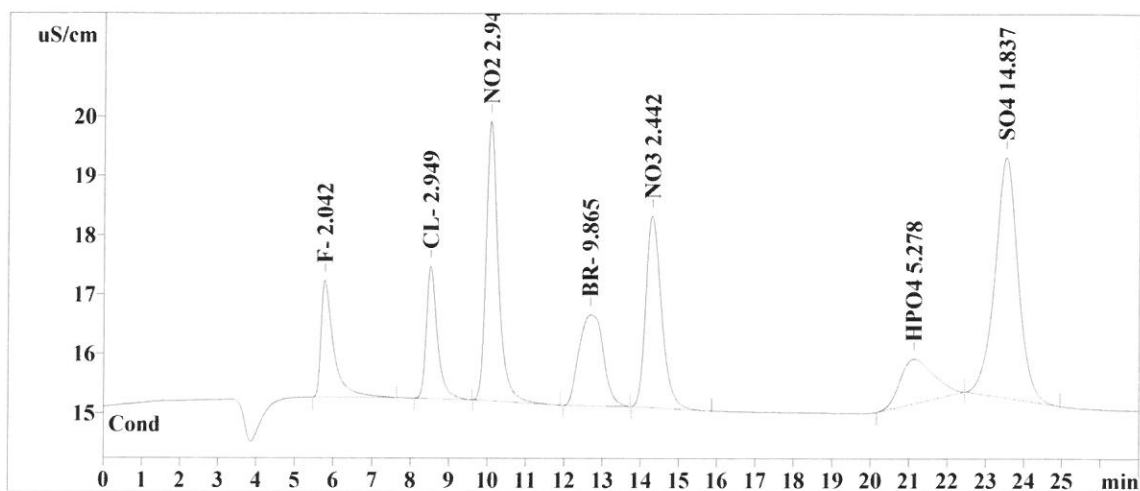
Ident: ICV
Analysis from: 10/9/2017 2:52:39 PM
File: _2017-10-09_

Last save: 10/10/2017 9:01:54 AM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59338

Last save: 10/9/2017 1:02:12 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	5.77	0.308	1.96	10.63	45.062	7.84	0.
2	8.51	0.294	2.23	12.06	45.410	7.90	0.
3	10.08	0.320	4.71	25.49	105.459	18.35	0.
4	12.68	0.715	1.53	8.30	67.662	11.77	0.
5	14.29	0.436	3.23	17.47	93.484	16.26	0.
6	21.10	0.966	0.75	4.09	45.772	7.96	0.
7	23.52	0.624	4.06	21.94	171.909	29.91	0.
7	27.00	0.523	18.48	99.98	574.759	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/11/2017 9:47:56 AM
Printed by: wet

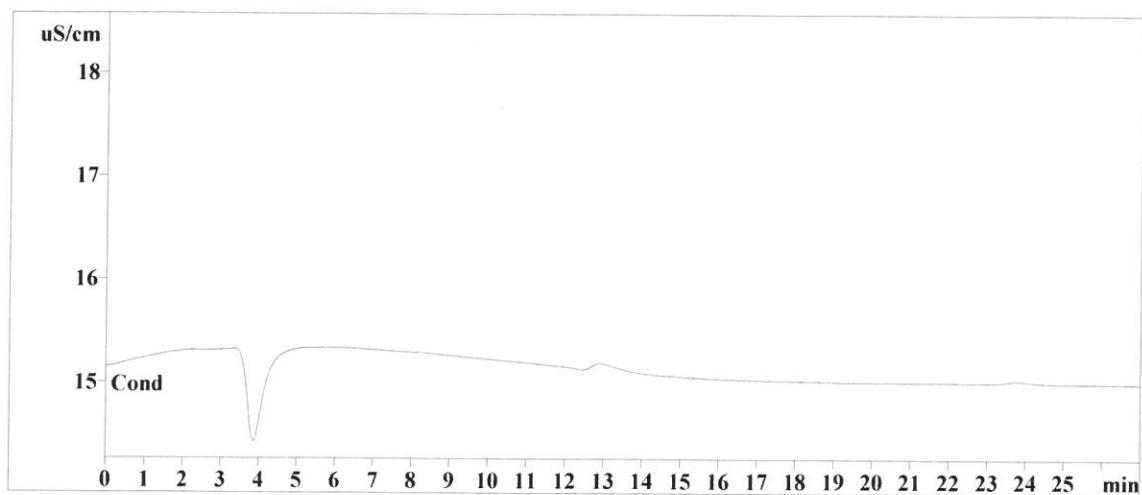
Ident: ICB
Analysis from: 10/9/2017 3:22:34 PM
File: _2017-10-09_

Last save: 10/11/2017 9:47:46 AM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59339

Last save: 10/9/2017 1:02:12 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: 10/26/2017 8:50:59 AM
Printed by: wet

Ident: CCV
Analysis from: 10/25/2017 2:07:05 AM
File: _2017-10-25_

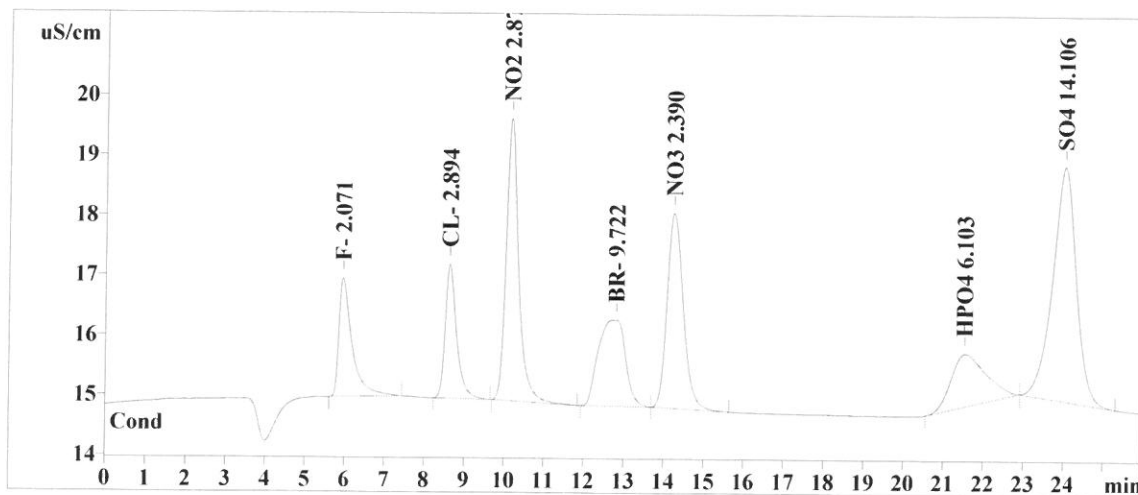
Last save: 10/26/2017 8:50:56 AM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59645

Last save: 10/9/2017 5:10:38 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	5.94	0.313	1.98	10.74	45.730	8.06	0.
2	8.62	0.288	2.23	12.13	44.539	7.85	0.
3	10.15	0.312	4.70	25.57	102.771	18.12	0.
4	12.79	0.761	1.43	7.80	66.689	11.76	0.
5	14.23	0.426	3.25	17.69	91.396	16.11	0.
6	21.52	0.948	0.88	4.79	53.086	9.36	0.
7	24.02	0.618	3.91	21.25	163.065	28.75	0.
7	26.00	0.524	18.39	99.98	567.277	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/26/2017 8:51:08 AM
Printed by: wet

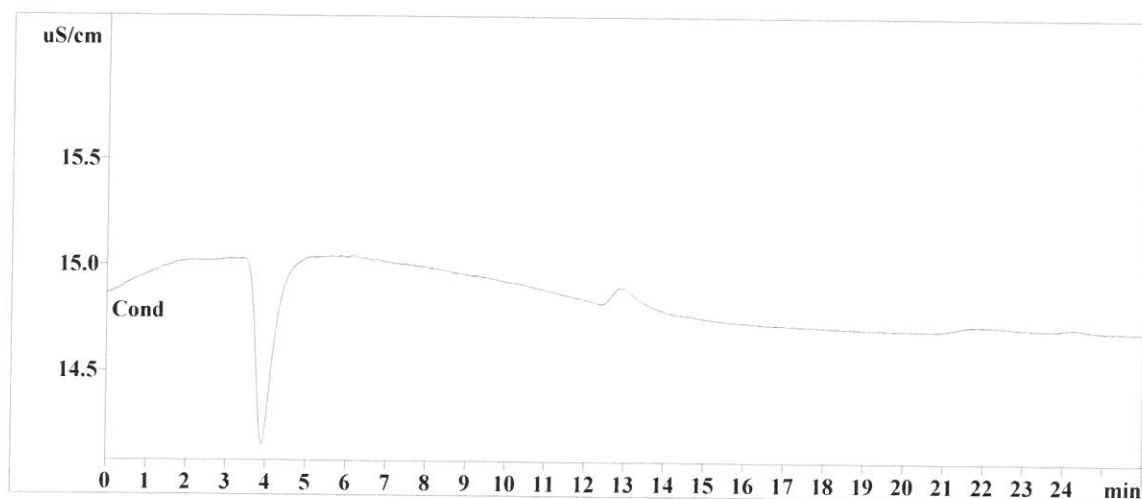
Ident: CCB
Analysis from: 10/25/2017 2:36:01 AM
File: _2017-10-25_

Last save: 10/25/2017 12:54:16 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59646

Last save: 10/9/2017 5:10:38 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: 10/26/2017 8:52:02 AM
Printed by: wet

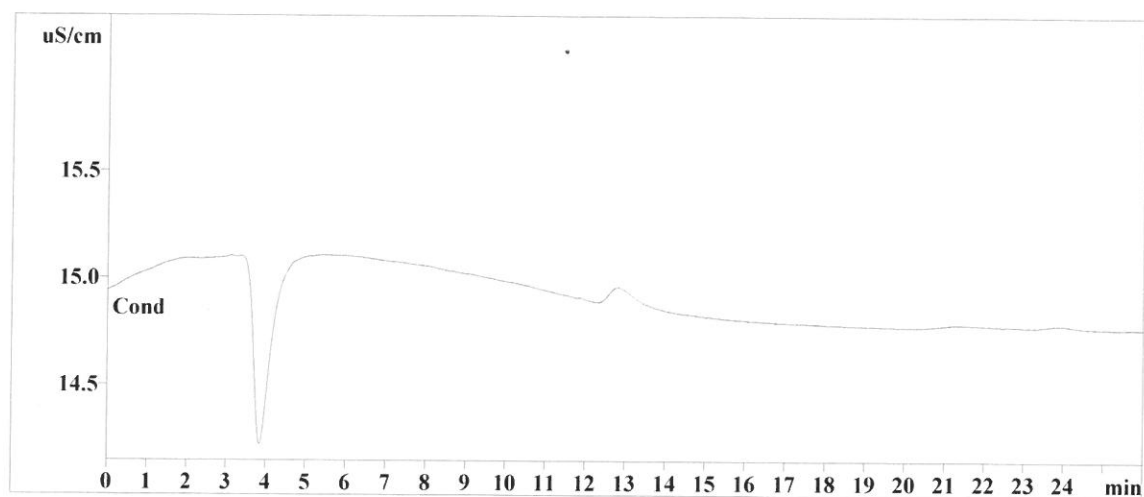
Ident: LB91083BLW
Analysis from: 10/25/2017 11:47:12 AM
File: _2017-10-25_

Last save: 10/26/2017 8:48:14 AM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59656

Last save: 10/9/2017 5:10:38 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: 10/26/2017 8:53:14 AM
Printed by: wet

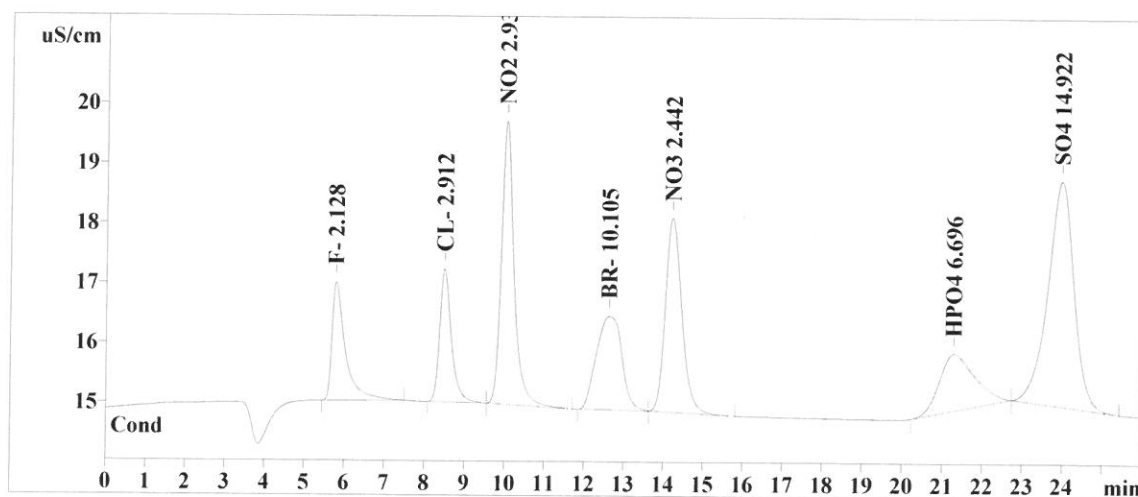
Ident: LB91083BSW
Analysis from: 10/25/2017 12:45:03 PM
File: _2017-10-25_

Last save: 10/26/2017 8:48:14 AM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59658

Last save: 10/9/2017 5:10:38 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	5.78	0.318	1.98	10.72	47.073	7.97	0.
2	8.48	0.291	2.22	12.04	44.818	7.58	0.
3	10.02	0.316	4.73	25.63	104.976	17.76	0.
4	12.62	0.716	1.56	8.47	69.299	11.73	0.
5	14.20	0.436	3.24	17.56	93.475	15.82	0.
6	21.27	0.943	0.96	5.18	58.339	9.87	0.
7	23.97	0.682	3.76	20.39	172.935	29.27	0.
7	26.00	0.529	18.45	99.99	590.915	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/26/2017 8:59:07 AM
Printed by: wet

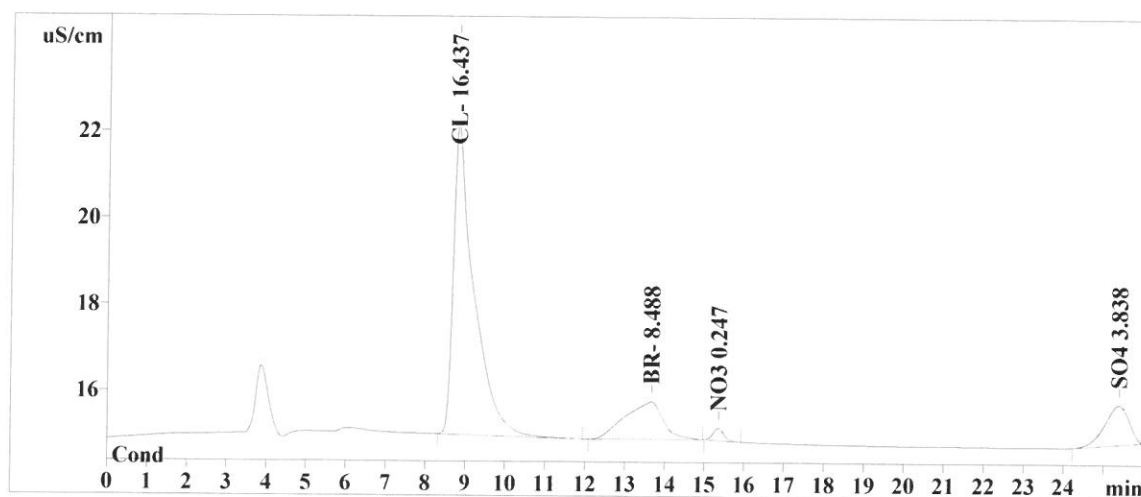
Ident: I6143-02DUP
Analysis from: 10/25/2017 4:31:57 PM
File: _2017-10-25_

Last save: 10/26/2017 8:59:00 AM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59666

Last save: 10/9/2017 5:10:38 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	8.79	0.490	7.19	77.57	258.780	71.63	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.66	1.097	0.87	9.40	58.277	16.13	0.
5	15.35	0.290	0.28	3.07	5.389	1.49	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.38	0.663	0.92	9.95	38.806	10.74	0.
7	26.00	0.363	9.27	99.99	361.252	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/26/2017 8:55:55 AM
Printed by: wet

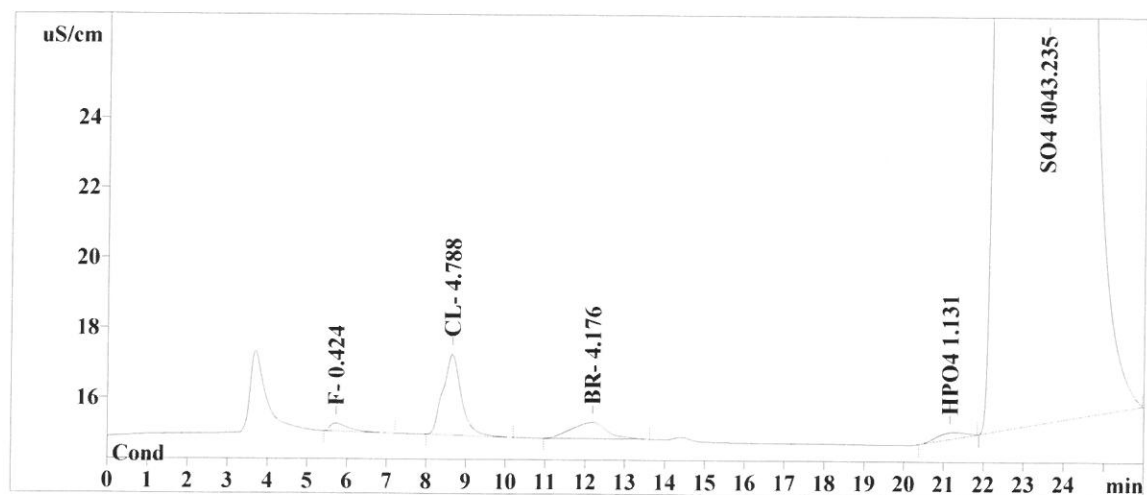
Ident: I6129-01
Analysis from: 10/25/2017 2:07:19 PM
File: _2017-10-25_

Last save: 10/25/2017 2:33:08 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59661

Last save: 10/9/2017 5:10:38 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	5.72	0.484	0.23	0.04	7.485	0.02	0.
2	8.65	0.500	2.30	0.41	74.500	0.15	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	12.19	0.951	0.47	0.08	28.868	0.06	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	21.13	0.809	0.19	0.03	9.022	0.02	0.
7	23.54	1.474	563.81	99.44	48918.362	99.76	0.
7	26.00	0.603	566.99	100.00	49038.238	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/26/2017 8:56:14 AM
Printed by: wet

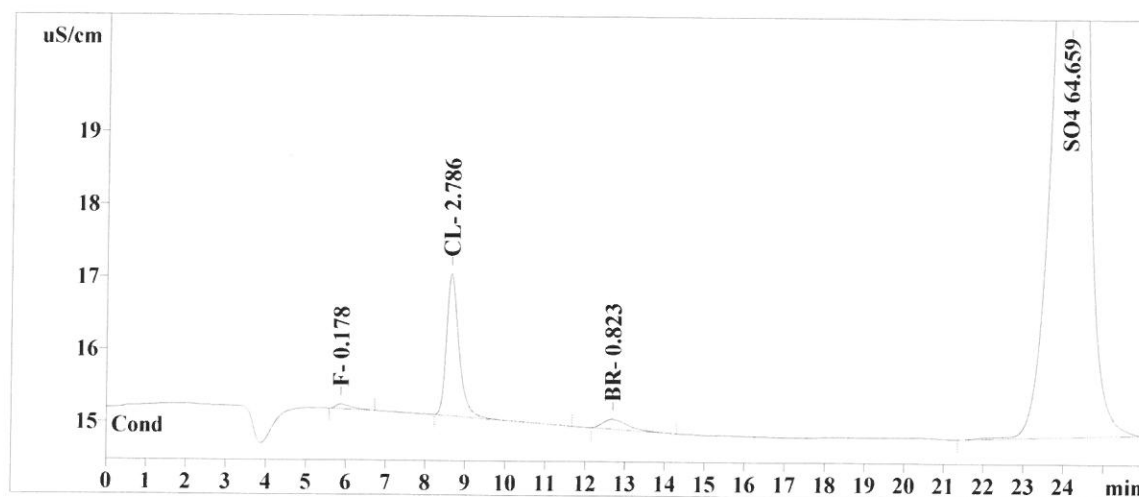
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Analysis from: 10/25/2017 2:36:14 PM
File: _2017-10-25_

Last save: 10/25/2017 3:02:04 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59662

Last save: 10/9/2017 5:10:38 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.87	0.400	0.07	0.33	1.788	0.22	0.
2	8.63	0.316	1.96	9.94	42.832	5.19	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	12.69	0.667	0.14	0.69	6.006	0.73	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.13	0.643	17.52	89.03	774.783	93.87	0.
7	26.00	0.289	19.67	99.98	825.409	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/26/2017 8:59:26 AM
Printed by: wet

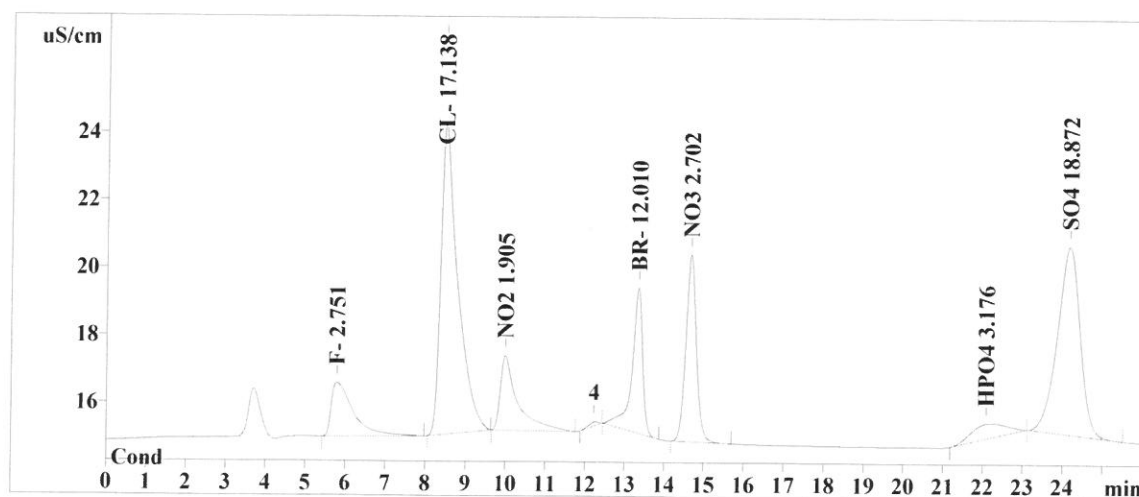
Ident: I6143-02MS
Analysis from: 10/25/2017 5:00:53 PM
File: _2017-10-25_

Last save: 10/25/2017 5:47:36 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59667

Last save: 10/9/2017 5:10:38 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	5.79	0.542	1.59	5.49	61.540	7.38	0.
2	8.47	0.419	9.19	31.71	269.867	32.36	0.
3	9.99	0.355	2.20	7.60	66.641	7.99	0.
4	13.34	0.254	4.30	14.84	82.289	9.87	0.
5	14.66	0.281	5.54	19.13	103.904	12.46	0.
6	22.07	1.005	0.45	1.55	27.145	3.25	0.
7	24.16	0.601	5.58	19.25	220.731	26.46	0.
7	26.00	0.494	28.85	99.58	832.117	99.77	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/26/2017 8:56:28 AM
Printed by: wet

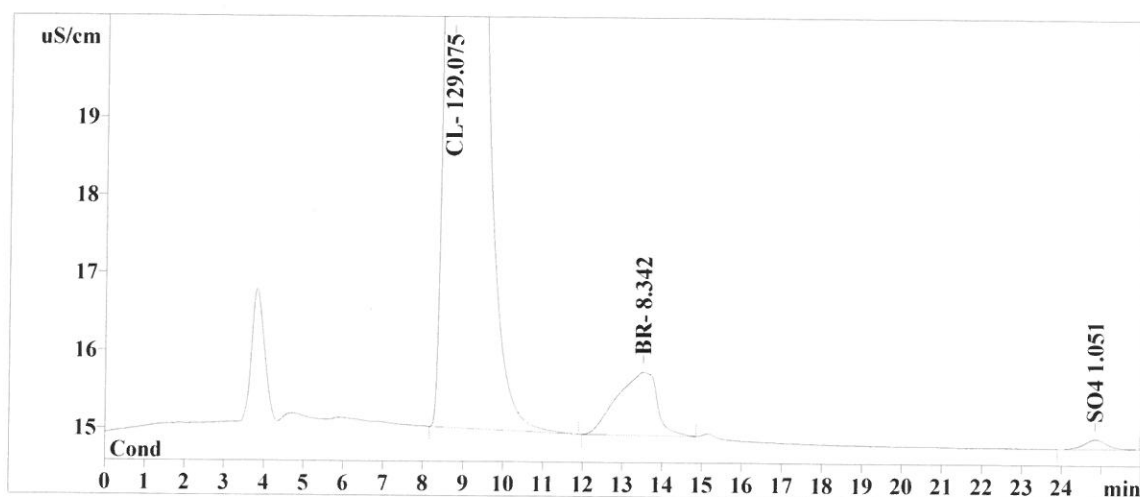
Ident: I6143-01
Analysis from: 10/25/2017 3:05:10 PM
File: _2017-10-25_

Last save: 10/25/2017 5:44:28 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59663

Last save: 10/9/2017 5:10:38 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	8.70	0.436	64.61	98.56	2040.599	97.03	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.52	1.153	0.81	1.24	57.278	2.72	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.85	0.593	0.13	0.19	5.089	0.24	0.
7	26.00	0.312	65.55	99.99	2102.967	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/26/2017 8:56:34 AM
Printed by: wet

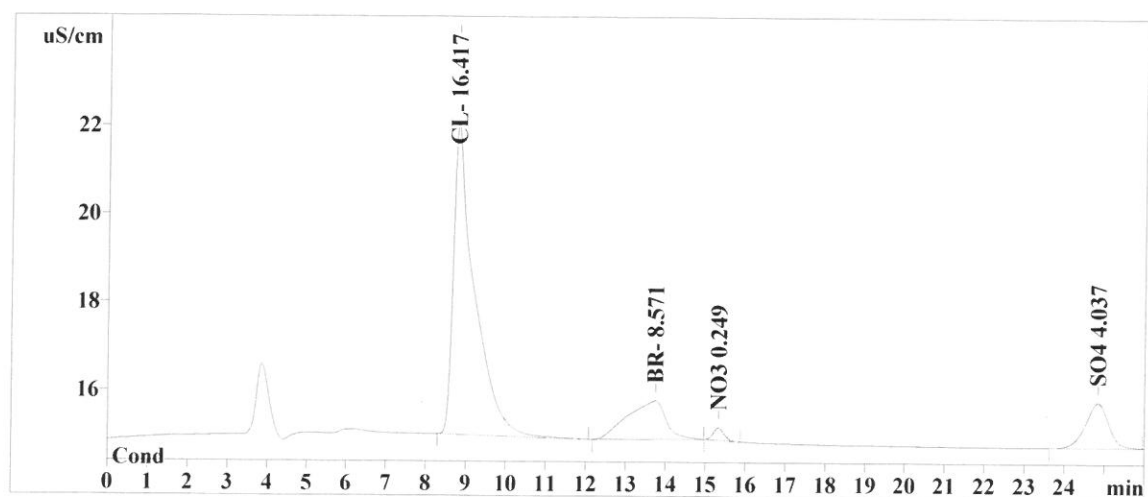
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Analysis from: 10/25/2017 3:34:05 PM
File: _2017-10-25_

Last save: 10/25/2017 5:48:26 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59664

Last save: 10/9/2017 5:10:38 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	8.77	0.495	7.04	76.26	258.453	71.01	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.74	1.107	0.88	9.53	58.843	16.17	0.
5	15.33	0.293	0.29	3.10	5.457	1.50	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.84	0.607	1.02	11.10	41.216	11.32	0.
7	26.00	0.357	9.23	99.98	363.969	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/26/2017 8:56:47 AM
Printed by: wet

Ident: I6143-06
Analysis from: 10/25/2017 4:03:01 PM
File: _2017-10-25_

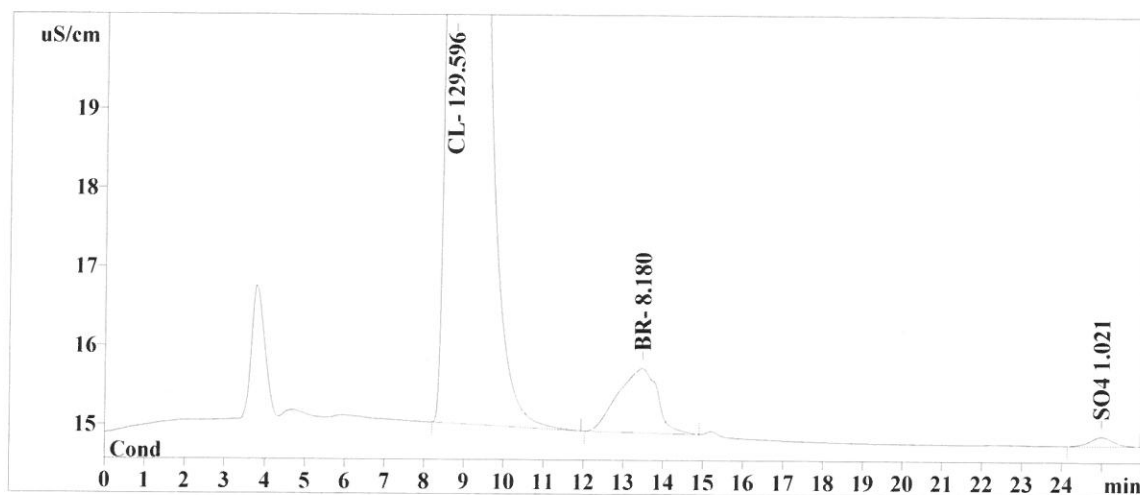
Last save: 10/25/2017 4:28:50 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59665

Last save: 10/9/2017 5:10:38 PM

SAMPLE:

: AK/AP
Vial number: 23
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	8.74	0.443	63.52	98.54	2048.842	97.11	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.48	1.150	0.82	1.27	56.174	2.66	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.99	0.602	0.12	0.18	4.726	0.22	0.
7	26.00	0.313	64.45	99.99	2109.742	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/26/2017 8:59:45 AM
Printed by: wet

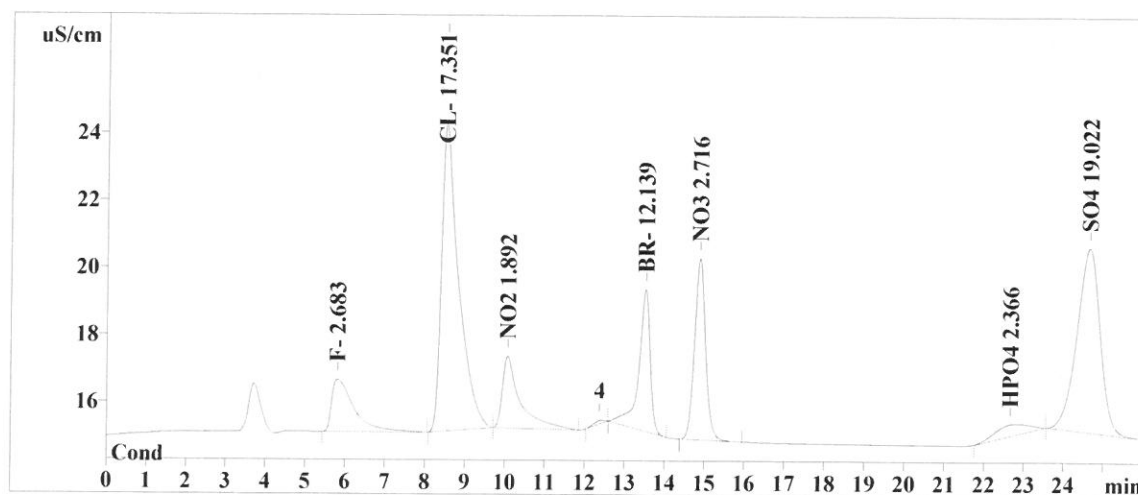
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Analysis from: 10/25/2017 5:29:48 PM
File: _2017-10-25_

Last save: 10/26/2017 8:59:46 AM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59668

Last save: 10/9/2017 5:10:38 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	5.81	0.540	1.55	5.47	59.942	7.21	0.
2	8.51	0.425	9.17	32.31	273.240	32.87	0.
3	10.07	0.365	2.14	7.53	66.133	7.96	0.
4	13.52	0.262	4.21	14.83	83.170	10.01	0.
5	14.87	0.291	5.39	18.98	104.453	12.57	0.
6	22.64	0.968	0.35	1.22	19.968	2.40	0.
7	24.65	0.617	5.48	19.31	222.545	26.78	0.
7	26.00	0.495	28.29	99.64	829.451	99.79	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/26/2017 9:09:58 AM
Printed by: wet

Ident: CCV
Analysis from: 10/25/2017 5:58:44 PM
File: _2017-10-25_

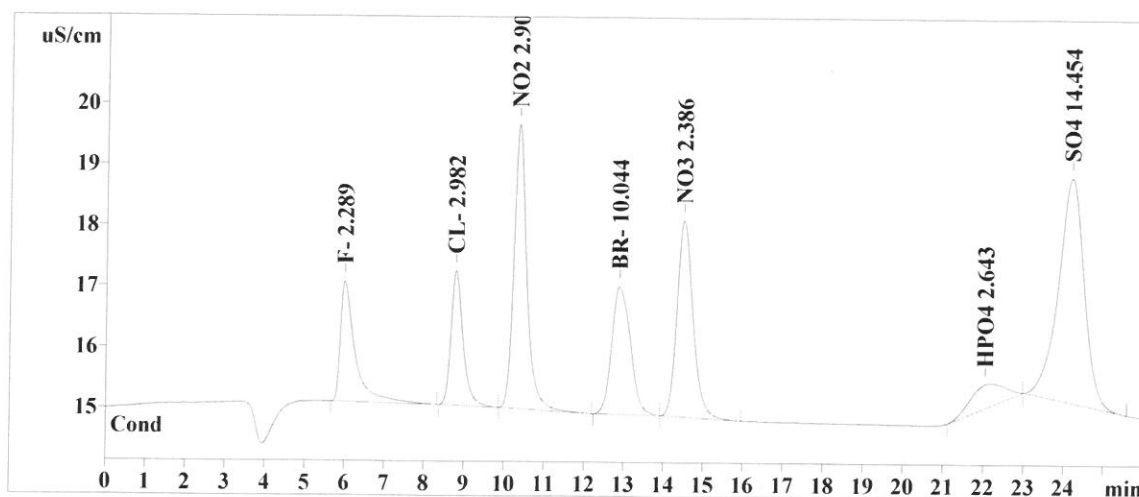
Last save: 10/25/2017 6:24:34 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59669

Last save: 10/9/2017 5:10:38 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	5.99	0.333	1.97	10.79	50.793	9.22	0.
2	8.78	0.302	2.20	12.08	45.925	8.34	0.
3	10.34	0.318	4.66	25.57	104.105	18.91	0.
4	12.87	0.517	2.10	11.50	68.887	12.51	0.
5	14.49	0.425	3.22	17.66	91.231	16.57	0.
6	22.03	0.951	0.39	2.15	22.418	4.07	0.
7	24.19	0.670	3.69	20.24	167.276	30.38	0.
7	26.00	0.502	18.24	99.99	550.635	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/26/2017 9:10:09 AM
Printed by: wet

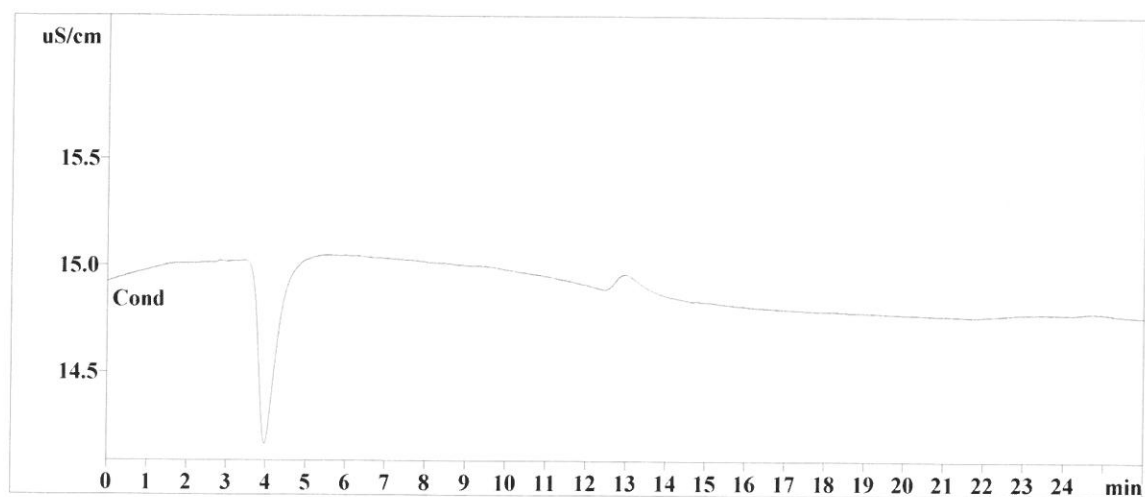
Ident: CCB
Analysis from: 10/25/2017 6:27:39 PM
File: _2017-10-25_

Last save: 10/26/2017 8:42:08 AM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59670

Last save: 10/9/2017 5:10:38 PM

SAMPLE:
: AK/AP
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

Report date: 10/26/2017 9:10:37 AM
Printed by: wet

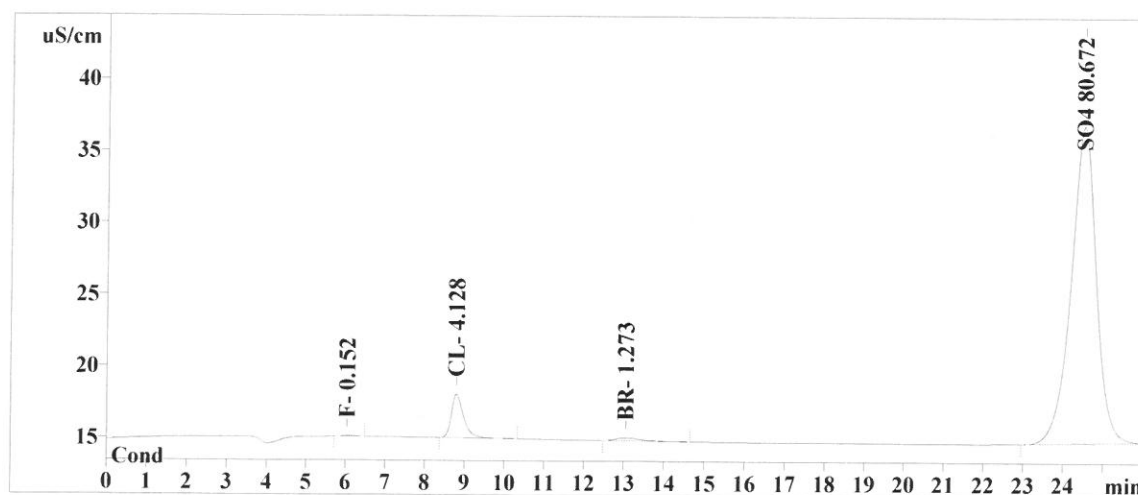
Ident: I6129-04
Analysis from: 10/25/2017 6:56:34 PM
File: _2017-10-25_

Last save: 10/25/2017 7:22:24 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59671

Last save: 10/9/2017 5:10:38 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	6.03	0.339	0.06	0.23	1.185	0.11	0.
2	8.80	0.302	3.04	11.99	64.062	6.14	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.04	0.635	0.21	0.81	9.075	0.87	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.50	0.644	22.07	86.97	968.552	92.87	0.
7	26.00	0.274	25.38	100.00	1042.873	100.00	0.

This report has been created by IC Net
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Report date: 10/26/2017 9:10:48 AM
Printed by: wet

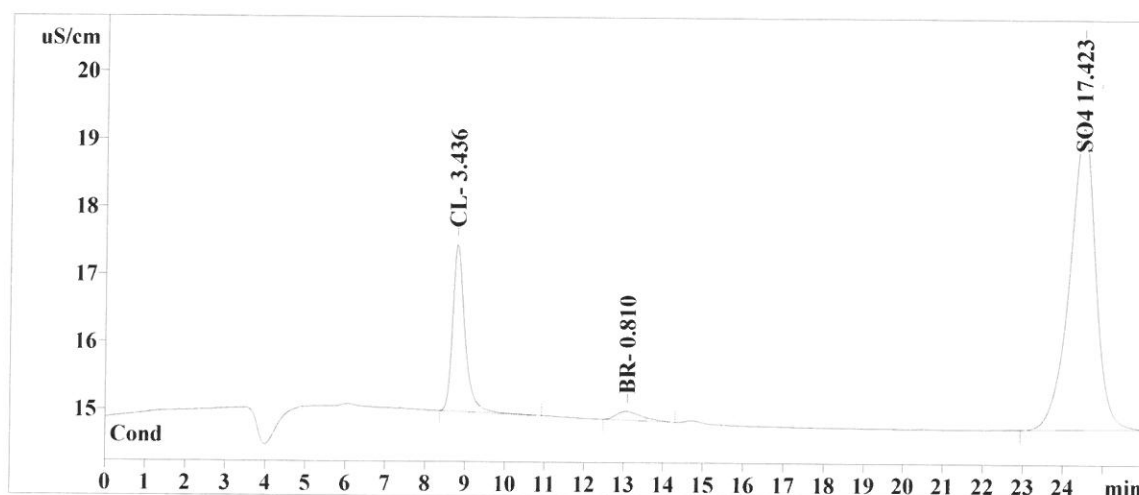
Ident: I6129-05
Analysis from: 10/25/2017 7:25:30 PM
File: _2017-10-25_

Last save: 10/25/2017 7:51:20 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59672

Last save: 10/9/2017 5:10:38 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.79	0.306	2.47	34.96	53.120	20.26	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.08	0.694	0.13	1.84	5.914	2.26	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.48	0.666	4.46	63.19	203.195	77.49	0.
7	26.00	0.238	7.05	99.99	262.229	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/26/2017 9:11:12 AM
Printed by: wet

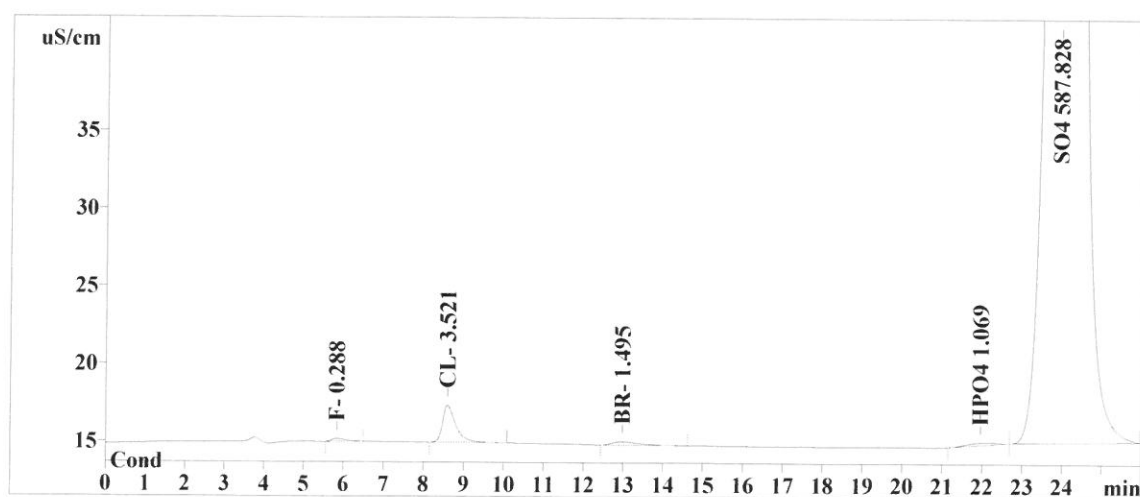
Ident: I6129-06
Analysis from: 10/25/2017 7:54:25 PM
File: _2017-10-25_

Last save: 10/25/2017 8:20:16 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59673

Last save: 10/9/2017 5:10:38 PM

SAMPLE:
: AK/AP
Vial number: 15
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.83	0.377	0.18	0.11	4.345	0.06	0.
2	8.59	0.326	2.37	1.44	54.460	0.76	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	12.97	0.714	0.22	0.13	10.584	0.15	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	21.95	0.816	0.17	0.11	8.471	0.12	0.
7	23.93	0.667	161.58	98.21	7105.503	98.92	0.
7	26.00	0.414	164.53	100.00	7183.364	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/26/2017 9:11:29 AM
Printed by: wet

Ident: I6129-06DUP
Analysis from: 10/25/2017 8:23:21 PM
File: _2017-10-25_

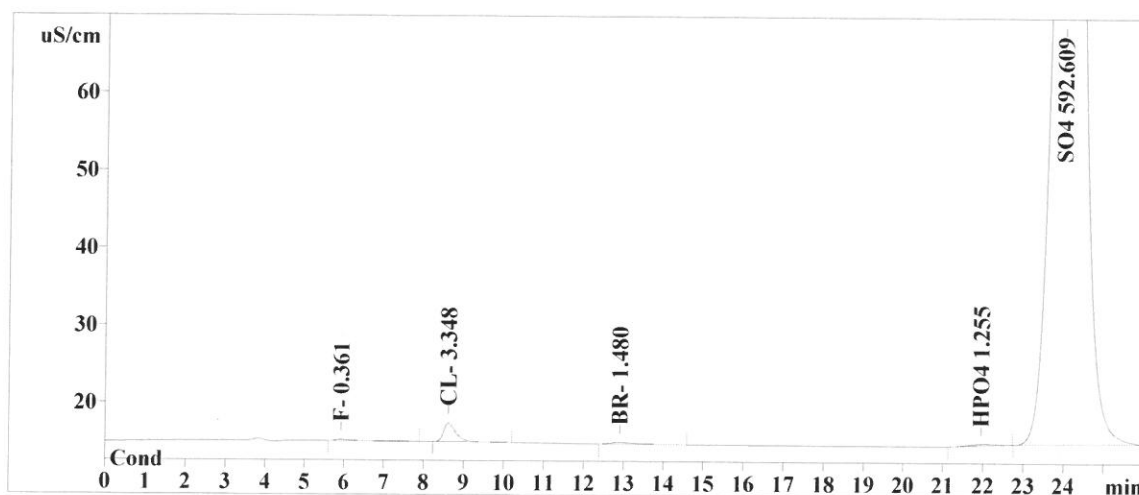
Last save: 10/25/2017 8:49:10 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59674

Last save: 10/9/2017 5:10:38 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	5.92	0.404	0.19	0.11	6.023	0.08	0.
2	8.62	0.313	2.38	1.45	51.725	0.71	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	12.90	0.694	0.22	0.13	10.485	0.14	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	21.94	0.831	0.20	0.12	10.118	0.14	0.
7	23.99	0.672	161.96	98.18	7163.353	98.92	0.
7	26.00	0.416	164.95	100.00	7241.703	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/26/2017 9:11:38 AM
Printed by: wet

Ident: I6129-06MS
Analysis from: 10/25/2017 8:52:16 PM
File: _2017-10-25_

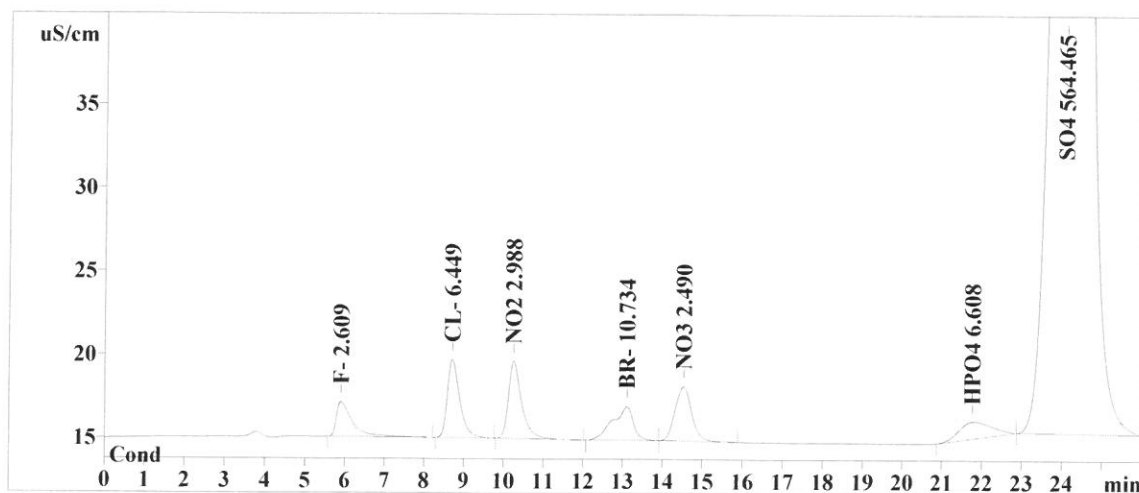
Last save: 10/25/2017 9:18:06 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59675

Last save: 10/9/2017 5:10:38 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	5.90	0.376	2.07	1.23	58.234	0.80	0.
2	8.70	0.314	4.68	2.79	100.779	1.38	0.
3	10.25	0.327	4.63	2.76	107.071	1.46	0.
4	13.11	0.625	2.03	1.21	73.593	1.01	0.
5	14.53	0.452	3.26	1.94	95.404	1.30	0.
6	21.76	0.913	1.02	0.61	57.558	0.79	0.
7	24.08	0.689	150.35	89.47	6822.798	93.27	0.
7	26.00	0.528	168.04	100.00	7315.437	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/26/2017 9:12:07 AM
Printed by: wet

Ident: I6143-01DLX20
Analysis from: 10/25/2017 9:21:12 PM
File: _2017-10-25_

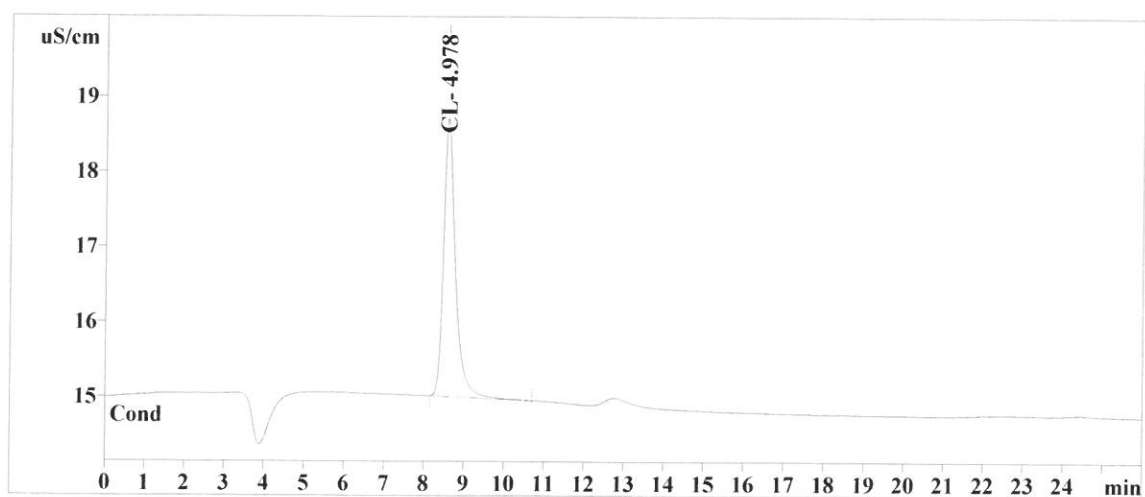
Last save: 10/26/2017 9:12:04 AM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59676

Last save: 10/9/2017 5:10:38 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	8.58	0.297	3.71	99.99	77.509	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	26.00	0.042	3.71	99.99	77.509	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/26/2017 9:12:27 AM
Printed by: wet

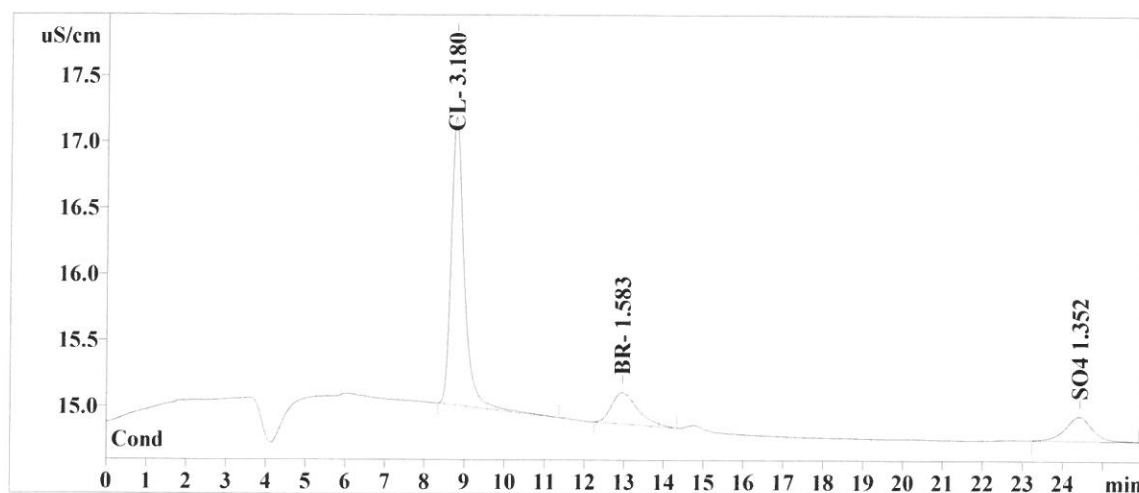
Ident: I6143-02DLX5
Analysis from: 10/25/2017 9:50:07 PM
File: _2017-10-25_

Last save: 10/26/2017 9:12:28 AM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59677

Last save: 10/9/2017 5:10:38 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	8.76	0.318	2.18	83.75	49.056	71.12	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	12.96	0.708	0.24	9.17	11.185	16.22	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.43	0.692	0.18	7.05	8.733	12.66	0.
7	26.00	0.245	2.60	99.96	68.974	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/26/2017 9:15:40 AM
Printed by: wet

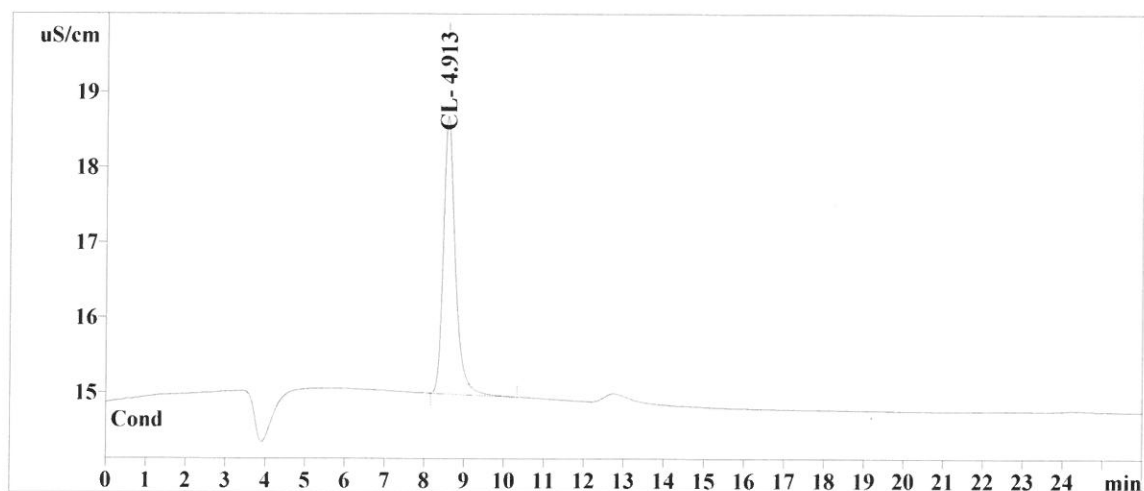
Ident: I6143-06DLX20
Analysis from: 10/25/2017 10:19:03 PM
File: _2017-10-25_

Last save: 10/26/2017 9:12:04 AM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59678

Last save: 10/9/2017 5:10:38 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	8.57	0.295	3.70	99.99	76.485	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	26.00	0.042	3.70	99.99	76.485	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/26/2017 9:15:47 AM
Printed by: wet

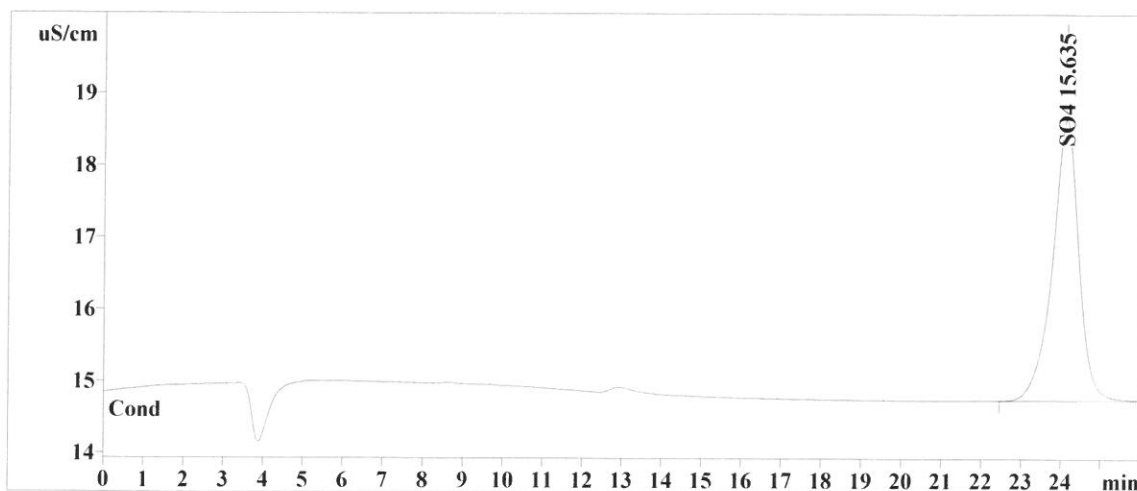
Ident: I6129-01DLX200
Analysis from: 10/25/2017 10:47:58 PM
File: _2017-10-25_

Last save: 10/26/2017 9:12:04 AM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59679

Last save: 10/9/2017 5:10:38 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	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	24.13	0.670	3.91	99.99	181.563	100.00	0.
7	26.00	0.096	3.91	99.99	181.563	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/26/2017 9:15:54 AM
Printed by: wet

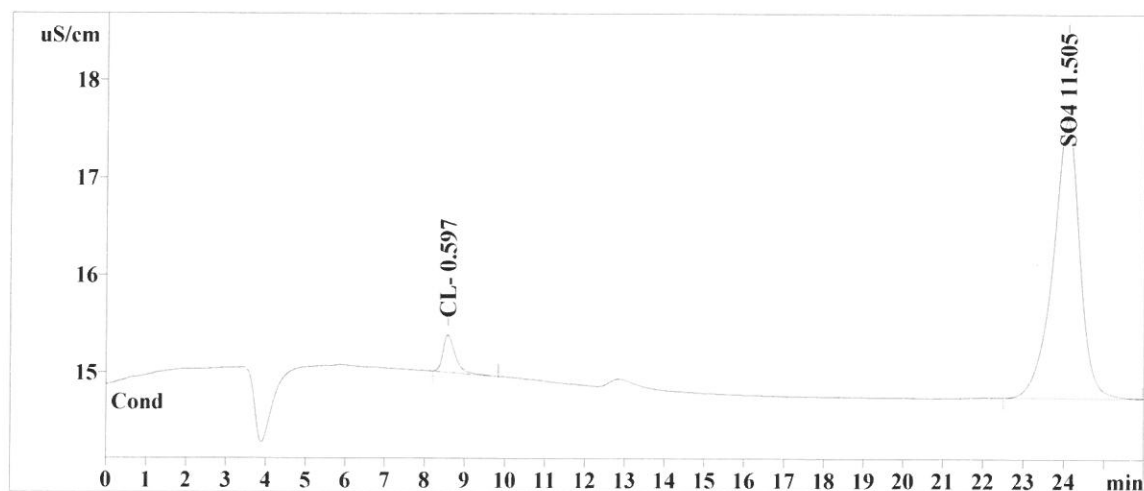
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Analysis from: 10/25/2017 11:16:53 PM
File: _2017-10-25_

Last save: 10/26/2017 9:12:04 AM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59680

Last save: 10/9/2017 5:10:38 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	8.58	0.303	0.38	11.87	8.197	5.86	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	24.06	0.668	2.85	88.12	131.593	94.14	0.
7	26.00	0.139	3.24	99.98	139.790	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/26/2017 9:16:00 AM
Printed by: wet

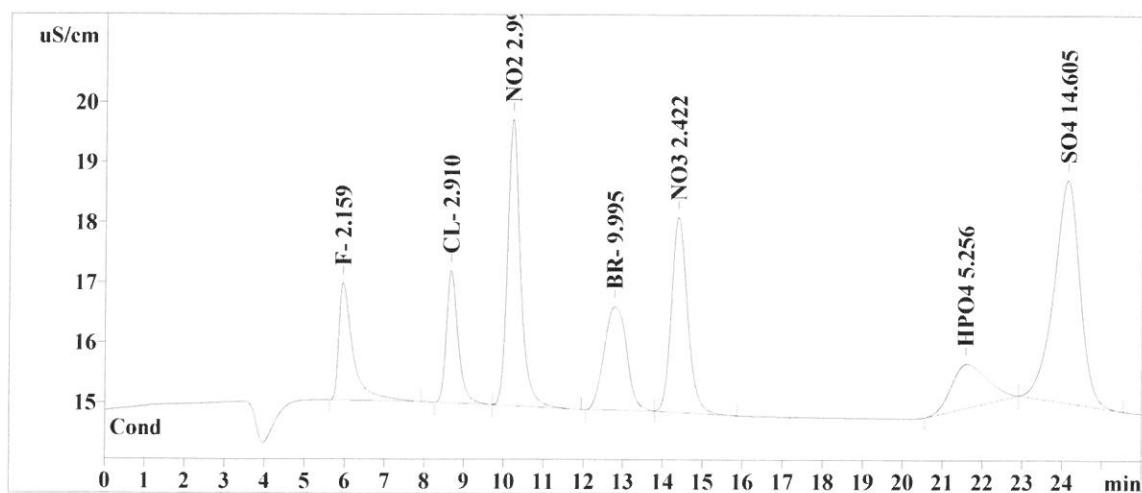
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Analysis from: 10/25/2017 11:45:49 PM
File: _2017-10-25_

Last save: 10/26/2017 12:11:38 AM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59681

Last save: 10/9/2017 5:10:38 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	5.95	0.323	1.95	10.66	47.775	8.30	0.
2	8.66	0.296	2.20	12.00	44.790	7.78	0.
3	10.21	0.324	4.76	25.99	107.365	18.65	0.
4	12.78	0.633	1.72	9.39	68.554	11.91	0.
5	14.37	0.431	3.24	17.67	92.665	16.09	0.
6	21.57	0.990	0.73	4.01	45.580	7.92	0.
7	24.13	0.677	3.71	20.25	169.098	29.37	0.
7	26.00	0.525	18.32	99.98	575.827	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/26/2017 9:16:07 AM
Printed by: wet

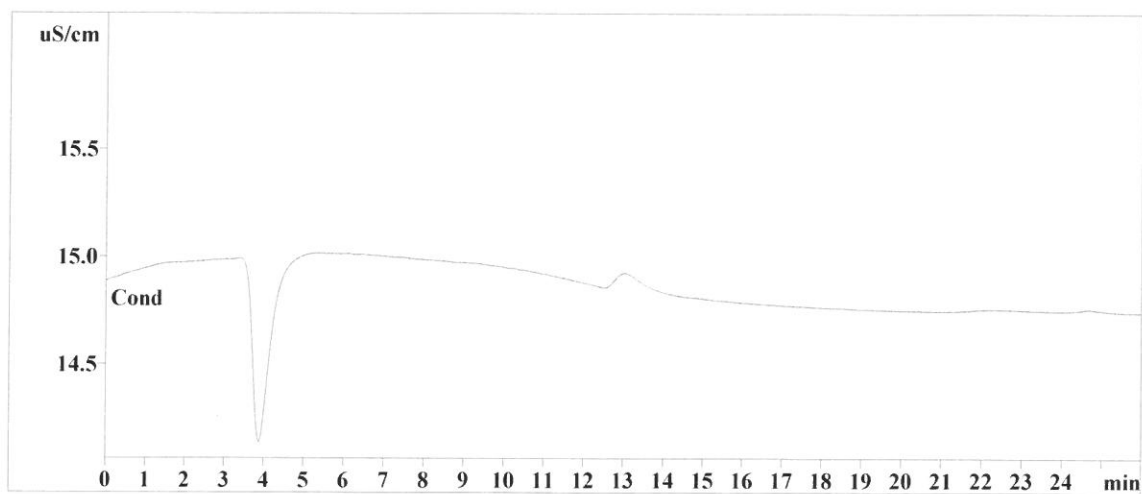
Ident: CCB
Analysis from: 10/26/2017 12:14:44 AM
File: _2017-10-26_

Last save: 10/26/2017 8:42:08 AM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59682

Last save: 10/9/2017 5:10:38 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: 10/26/2017 2:14:24 PM
Printed by: wet

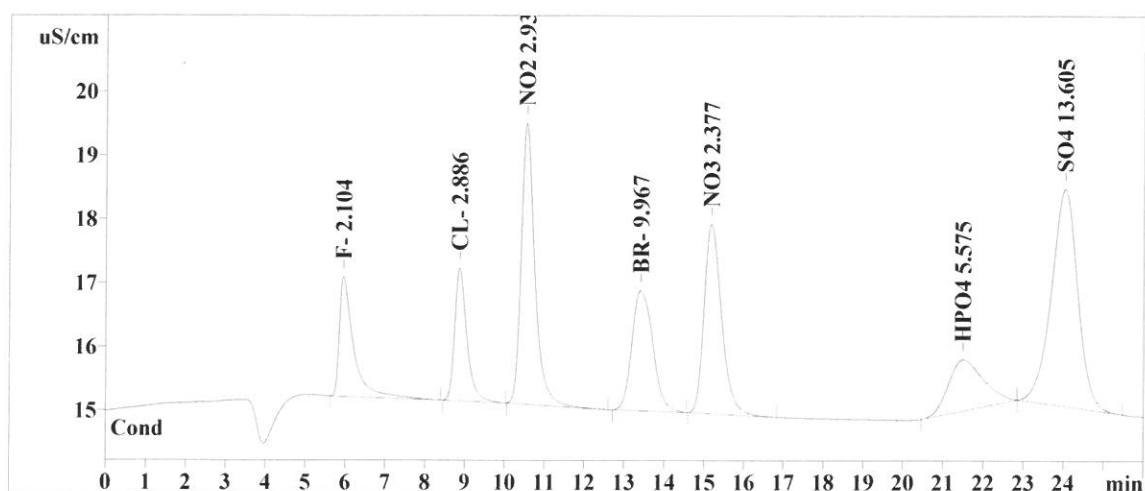
Ident: CCV
Analysis from: 10/26/2017 9:29:26 AM
File: _2017-10-26_

Last save: 10/26/2017 9:55:16 AM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59685

Last save: 10/9/2017 5:10:38 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	5.95	0.325	1.87	10.75	46.498	8.30	0.
2	8.86	0.310	2.08	11.94	44.410	7.92	0.
3	10.54	0.343	4.40	25.27	104.991	18.73	0.
4	13.40	0.568	1.88	10.80	68.361	12.20	0.
5	15.16	0.459	2.97	17.05	90.875	16.21	0.
6	21.47	0.944	0.81	4.63	48.401	8.63	0.
7	24.03	0.692	3.41	19.56	156.996	28.01	0.
7	26.00	0.520	17.43	99.99	560.531	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/26/2017 2:14:47 PM
Printed by: wet

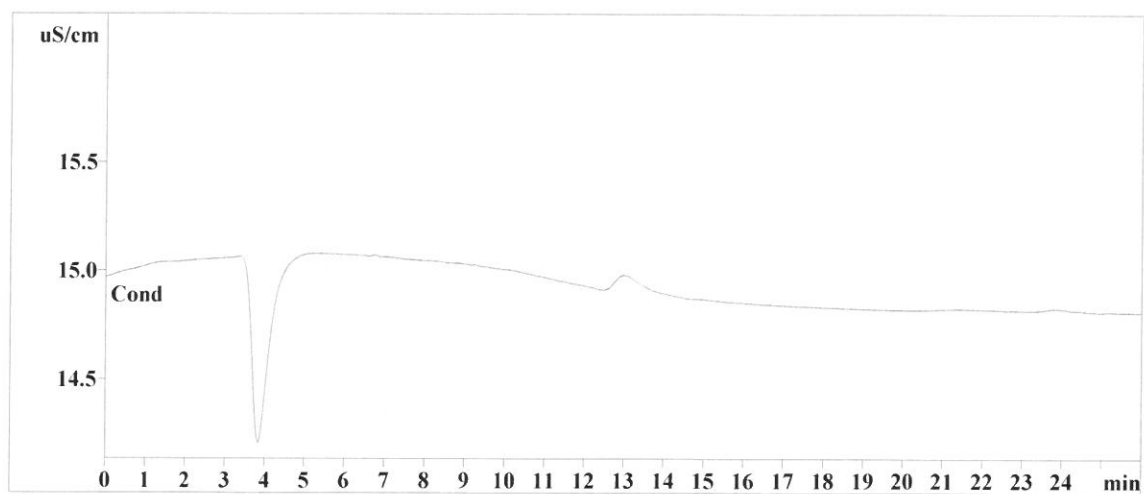
Ident: CCB
Analysis from: 10/26/2017 9:58:22 AM
File: _2017-10-26_

Last save: 10/26/2017 2:14:42 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59686

Last save: 10/9/2017 5:10:38 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: 10/26/2017 2:14:54 PM
Printed by: wet

AL
10/26/17

LB61083BLW2

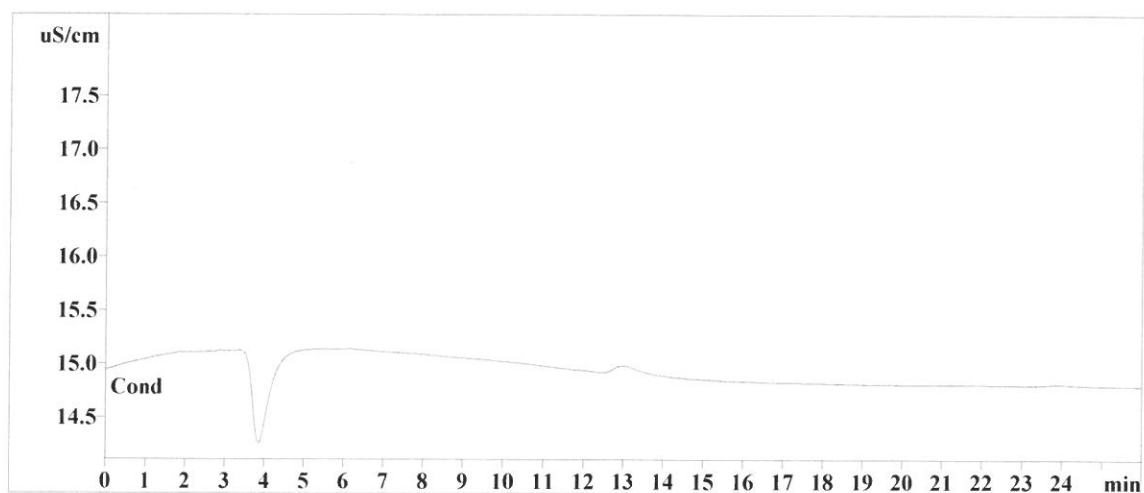
Ident: LB61083BLW
Analysis from: 10/26/2017 10:27:17 AM
File: _2017-10-26_

Last save: 10/26/2017 2:14:42 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59687

Last save: 10/9/2017 5:10:38 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: 10/26/2017 2:26:26 PM
Printed by: wet

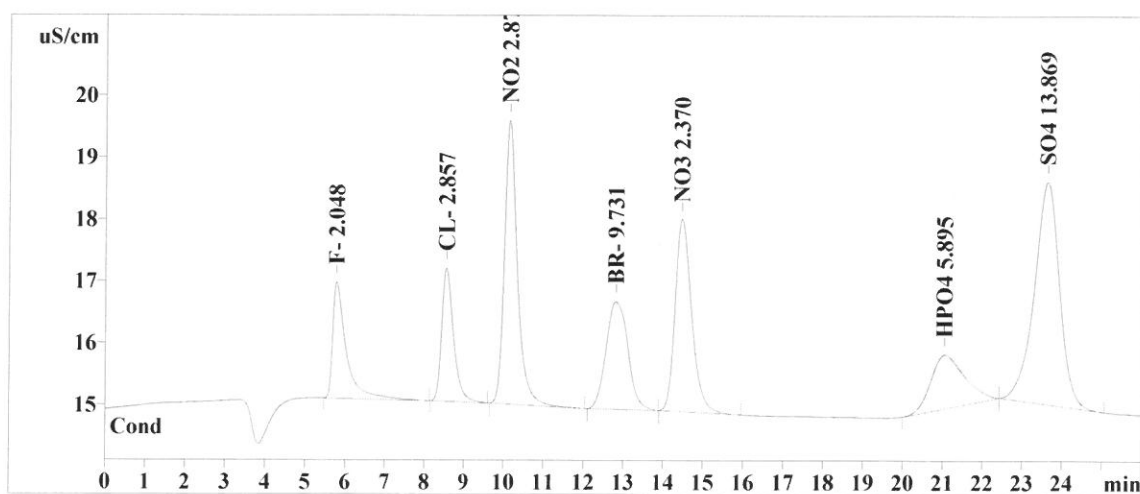
Ident: LB61083BSW
Analysis from: 10/26/2017 10:56:13 AM
File: _2017-10-26_

Last save: 10/26/2017 11:22:02 AM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59688

Last save: 10/9/2017 5:10:38 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	5.78	0.314	1.88	10.48	45.217	8.06	0.
2	8.55	0.296	2.15	12.00	43.950	7.84	0.
3	10.14	0.322	4.59	25.58	103.006	18.36	0.
4	12.81	0.603	1.74	9.70	66.753	11.90	0.
5	14.47	0.439	3.11	17.33	90.569	16.15	0.
6	21.04	0.912	0.87	4.86	51.242	9.14	0.
7	23.63	0.662	3.59	20.04	160.193	28.56	0.
7	26.00	0.507	17.93	99.98	560.929	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/26/2017 2:27:42 PM
Printed by: wet

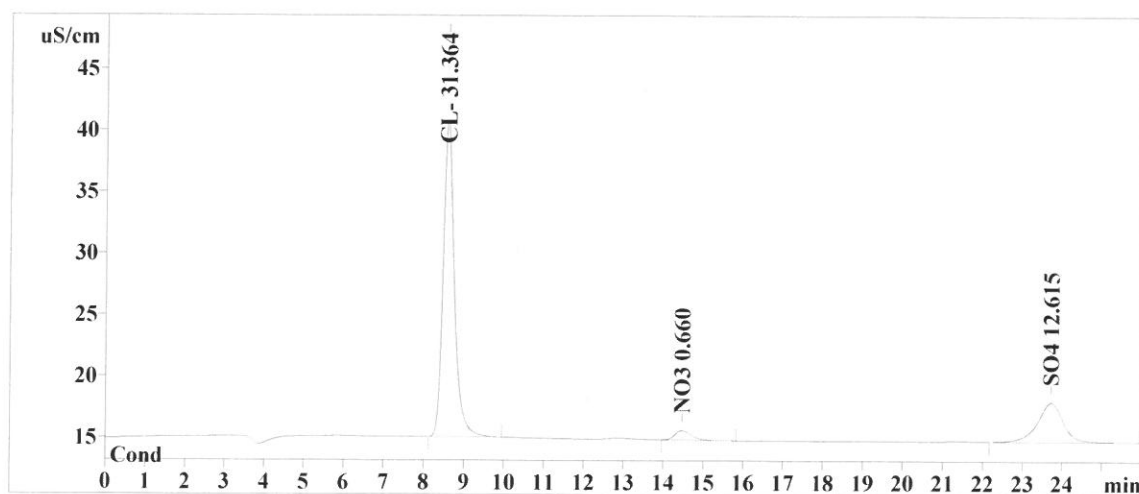
Ident: I6140-01DUP
Analysis from: 10/26/2017 11:54:04 AM
File: _2017-10-26_

Last save: 10/26/2017 2:27:28 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59690

Last save: 10/9/2017 5:10:38 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	8.57	0.277	25.75	86.65	494.904	74.77	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	14.47	0.431	0.77	2.60	21.948	3.32	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	23.72	0.656	3.20	10.75	145.017	21.91	0.
7	26.00	0.195	29.72	100.00	661.869	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/26/2017 2:27:49 PM
Printed by: wet

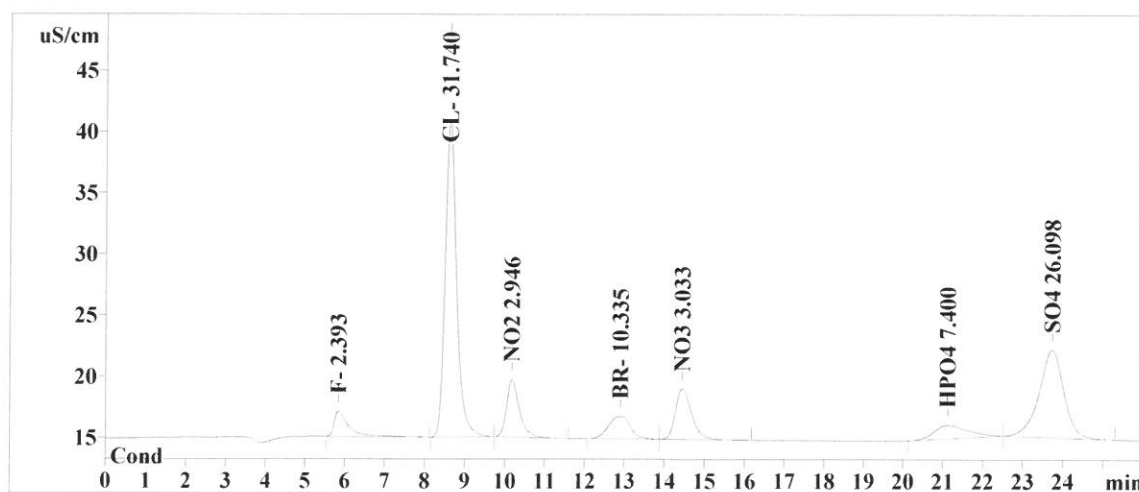
Ident: I6140-01MS
Analysis from: 10/26/2017 12:23:00 PM
File: _2017-10-26_

Last save: 10/26/2017 12:48:50 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59691

Last save: 10/9/2017 5:10:38 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	5.84	0.338	2.06	4.38	53.223	4.36	0.
2	8.61	0.279	25.97	55.26	500.864	41.04	0.
3	10.18	0.323	4.73	10.06	105.511	8.65	0.
4	12.90	0.601	1.83	3.89	70.867	5.81	0.
5	14.45	0.426	4.14	8.81	117.175	9.60	0.
6	21.11	0.910	1.10	2.34	64.582	5.29	0.
7	23.73	0.633	7.16	15.23	308.173	25.25	0.
7	26.00	0.501	46.99	99.99	1220.394	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/26/2017 2:27:38 PM
Printed by: wet

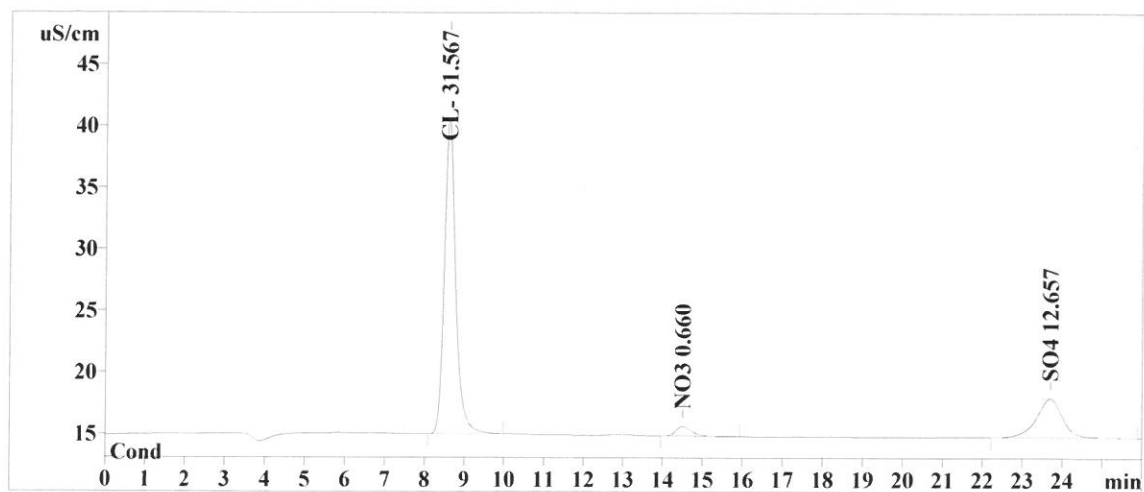
Ident: I6140-01
Analysis from: 10/26/2017 11:25:09 AM
File: _2017-10-26_

Last save: 10/26/2017 2:27:38 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59689

Last save: 10/9/2017 5:10:38 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	8.59	0.279	25.65	86.63	498.123	74.84	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	14.50	0.427	0.78	2.62	21.954	3.30	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	23.70	0.664	3.18	10.74	145.533	21.86	0.
7	26.00	0.196	29.60	99.99	665.610	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/26/2017 2:27:59 PM
Printed by: wet

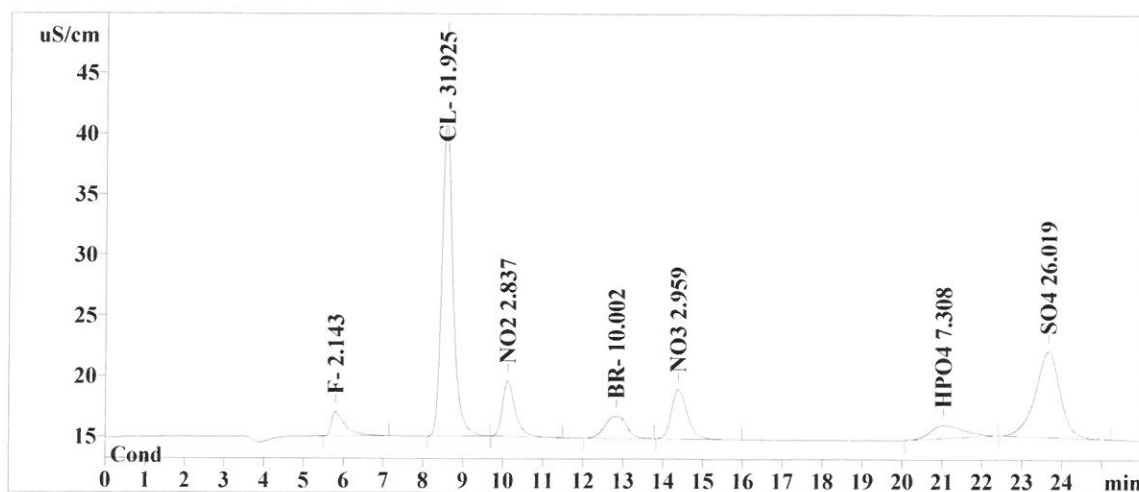
Ident: I6140-01MSD
Analysis from: 10/26/2017 12:51:55 PM
File: _2017-10-26_

Last save: 10/26/2017 1:17:46 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59692

Last save: 10/9/2017 5:10:38 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	5.80	0.332	1.97	4.22	47.424	3.93	0.
2	8.56	0.278	26.18	55.97	503.782	41.76	0.
3	10.12	0.322	4.57	9.78	101.415	8.41	0.
4	12.83	0.589	1.81	3.86	68.602	5.69	0.
5	14.37	0.424	4.06	8.68	114.235	9.47	0.
6	21.03	0.908	1.09	2.33	63.763	5.29	0.
7	23.65	0.636	7.09	15.16	307.221	25.47	0.
7	26.00	0.498	46.78	99.99	1206.442	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/26/2017 2:28:15 PM
Printed by: wet

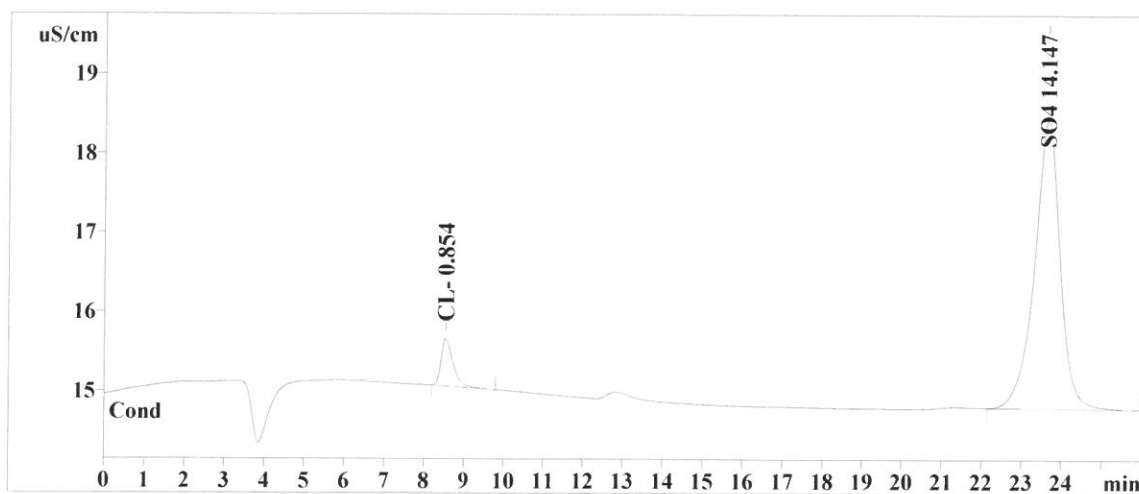
Ident: I6129-04DLX5
Analysis from: 10/26/2017 1:20:51 PM
File: _2017-10-26_

Last save: 10/26/2017 2:28:16 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59693

Last save: 10/9/2017 5:10:38 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	8.54	0.299	0.59	14.04	12.265	6.98	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	23.65	0.649	3.63	85.94	163.551	93.02	0.
7	26.00	0.135	4.23	99.98	175.816	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/26/2017 2:28:33 PM
Printed by: wet

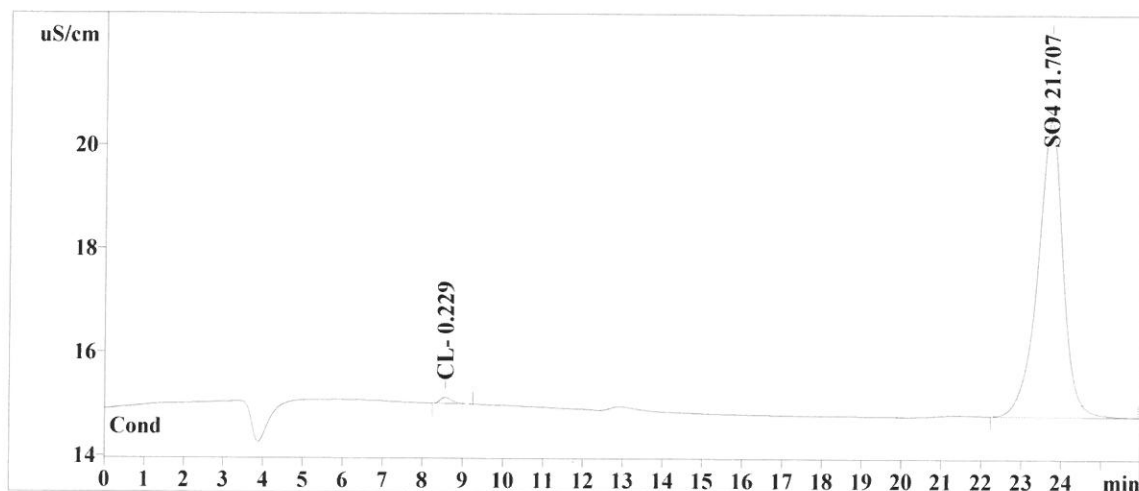
Ident: I6129-06DLX20
Analysis from: 10/26/2017 1:49:46 PM
File: _2017-10-26_

Last save: 10/26/2017 2:28:34 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59694

Last save: 10/9/2017 5:10:38 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	8.57	0.297	0.12	2.03	2.384	0.93	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	23.72	0.644	5.72	97.96	255.044	99.07	0.
7	26.00	0.134	5.84	99.99	257.428	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/27/2017 3:21:21 PM
Printed by: wet

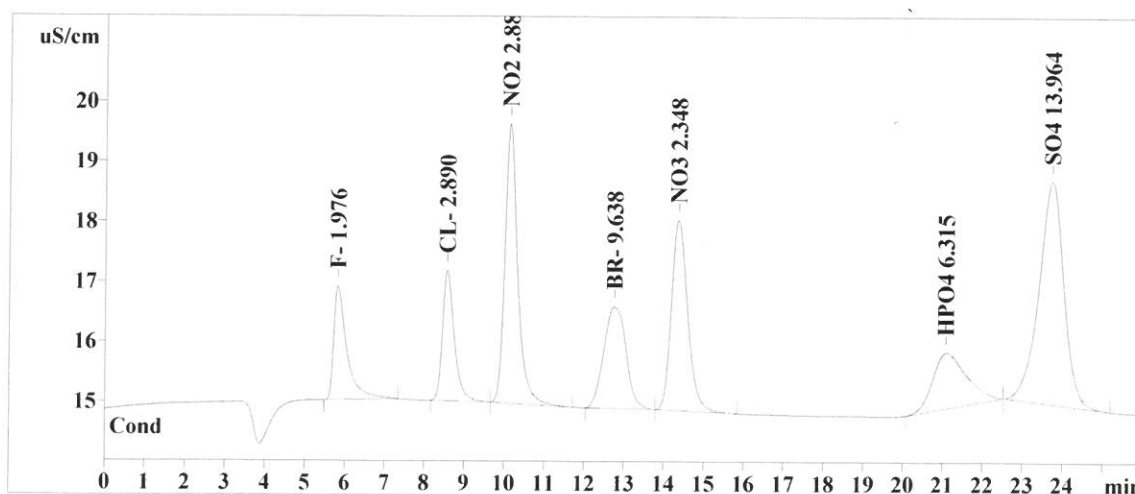
Ident: CCV
Analysis from: 10/26/2017 2:18:42 PM
File: _2017-10-26_

Last save: 10/26/2017 2:44:32 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59695

Last save: 10/9/2017 5:10:38 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	5.81	0.314	1.89	10.37	43.527	7.73	0.
2	8.56	0.297	2.17	11.92	44.482	7.90	0.
3	10.13	0.319	4.65	25.52	103.184	18.32	0.
4	12.75	0.617	1.69	9.30	66.115	11.74	0.
5	14.34	0.427	3.17	17.39	89.686	15.92	0.
6	21.08	0.907	0.93	5.10	54.967	9.76	0.
7	23.73	0.641	3.71	20.38	161.347	28.64	0.
7	26.00	0.503	18.21	99.98	563.308	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/27/2017 3:21:29 PM
Printed by: wet

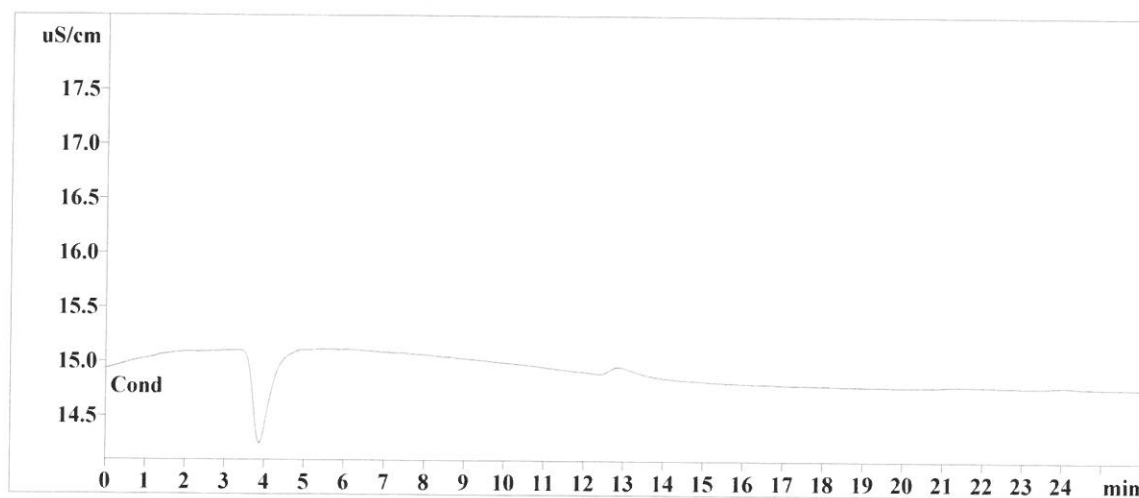
Ident: CCB
Analysis from: 10/26/2017 2:47:38 PM
File: _2017-10-26_

Last save: 10/27/2017 3:21:10 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59696

Last save: 10/9/2017 5:10:38 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