

11/20/17

10/31/17 Az

Clear table

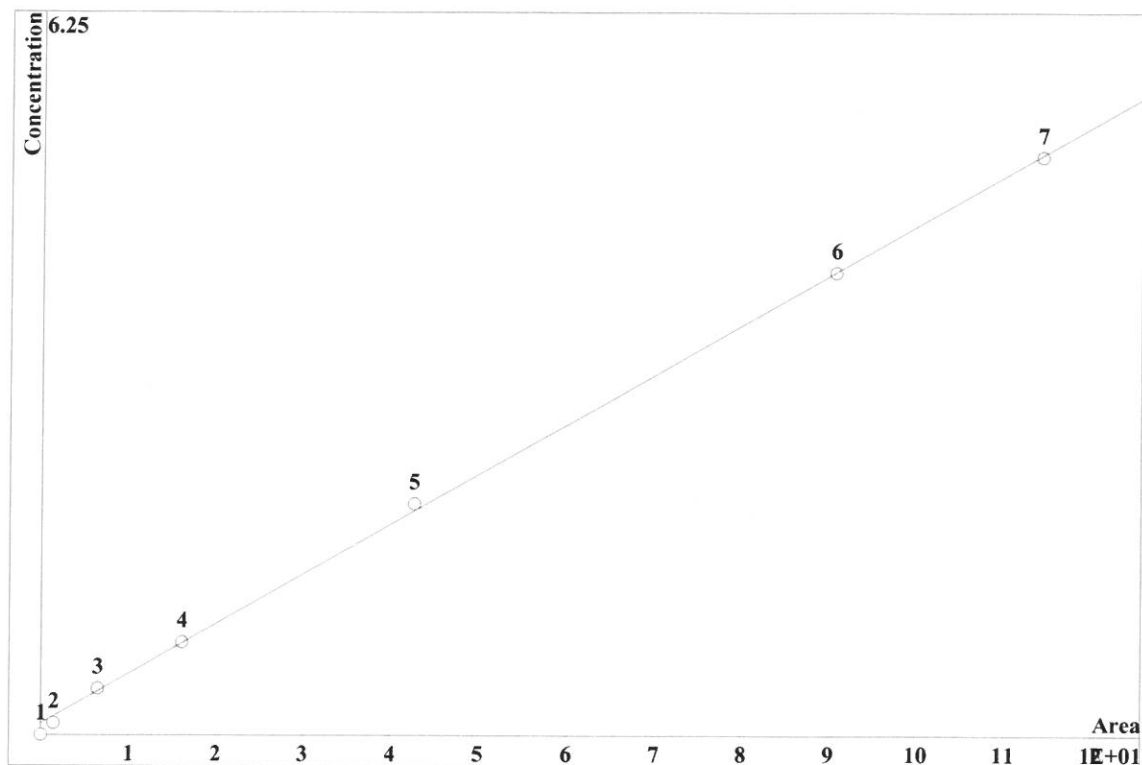
ident	concentrati on F-	concentrati on CL-	concentrati on NO2	concentrati on BR-	concentrati on NO3	concentrati on HPO4	concentrati on SO4	file name	date time
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-10-09_	10/9/17 10:05
STD2	0.1630	0.2290	0.2290	0.6910	0.2090	0.3940	1.3410	2017-10-09_	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	2.1550	2.8870	2.8970	9.1040	2.3150	2.7350	13.8830	2017-10-27_	10/27/17 18:03
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-10-27_	10/27/17 18:33
LB91167BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-10-27_	10/27/17 19:02
LB91167BSW	2.1740	2.8640	2.8800	9.1760	2.3330	2.8360	13.9970	2017-10-27_	10/27/17 19:31
I6191-02	0.0000	4.4220	0.0000	2.0360	0.0000	0.0000	7.1760	2017-10-27_	10/27/17 20:00
I6191-05	0.0000	3.4460	0.0000	0.0000	0.0000	0.0000	10.1010	2017-10-27_	10/27/17 20:29
I6191-06	0.0000	0.9530	0.0000	0.0000	0.2800	0.0000	82.6780	2017-10-27_	10/27/17 20:58
I6191-07	0.0000	0.5730	0.0000	0.0000	0.0000	0.0000	20.1900	2017-10-27_	10/27/17 21:27
I6191-08	0.0000	0.6240	0.0000	0.0000	0.5020	0.0000	55.6070	2017-10-27_	10/27/17 21:56
I6191-02DUP	0.0000	4.4080	0.0000	1.8270	0.0000	0.0000	7.2960	2017-10-27_	10/27/17 22:25
I6191-03MS	1.0130	7.3300	3.0060	11.4530	2.5010	3.0930	21.6420	2017-10-27_	10/27/17 22:54
I6191-04MSD	1.0170	7.2450	3.0000	11.4660	2.5010	2.5510	21.8510	2017-10-27_	10/27/17 23:22
CCV	2.1380	2.8700	2.8990	9.6230	2.3660	1.6610	14.9960	2017-10-27_	10/27/17 23:51
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-10-28_	10/28/17 0:20
I6191-09	0.0000	0.6100	0.0000	0.0000	0.5190	0.0000	56.9500	2017-10-28_	10/28/17 0:49
I6191-10	0.0000	0.9240	0.0000	0.0000	0.0000	0.0000	2.5390	2017-10-28_	10/28/17 1:18
I6193-01	0.3140	3.0050	0.0000	2.6150	0.0000	0.0000	2107.4470	2017-10-28_	10/28/17 1:47
I6193-02	0.3650	3.0780	0.0000	2.6020	0.0000	0.0000	2077.3840	2017-10-28_	10/28/17 2:16
CCV	2.0820	2.9600	2.9940	9.8770	2.3520	0.0000	18.1500	2017-10-28_	10/28/17 2:45
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-10-28_	10/28/17 3:14

CCV	2.2430	3.0040	2.9040	9.8600	2.3640	1.3470	14.1290	2017-10-28_	10/28/17 10:54
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-10-28_	10/28/17 11:28
LB91167BLW2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-10-28_	10/28/17 11:57
LB91167BSW2	2.1300	2.9630	2.8490	9.5790	2.3360	2.3950	13.7710	2017-10-28_	10/28/17 12:25
I6191-09	0.0000	0.5890	0.0000	0.0000	0.5140	0.0000	56.3840	2017-10-28_	10/28/17 12:54
I6191-10	0.0000	0.9260	0.0000	0.0000	0.0000	0.0000	2.5200	2017-10-28_	10/28/17 13:23
I6193-01	0.3200	2.9500	0.0000	2.4650	0.0000	0.0000	2049.3470	2017-10-28_	10/28/17 13:52
I6193-02	0.3700	2.9340	0.0000	2.4240	0.0000	0.0000	2043.9440	2017-10-28_	10/28/17 14:21
I6191-06DLX5	0.0000	0.2750	0.0000	0.0000	0.0000	0.0000	15.1870	2017-10-28_	10/28/17 14:50
I6191-08DLX5	0.0000	0.1910	0.0000	0.0000	0.1630	0.0000	10.5290	2017-10-28_	10/28/17 15:19
I6191-09DLX5	0.0000	0.1800	0.0000	0.0000	0.1690	0.0000	10.4320	2017-10-28_	10/28/17 15:48
I6193-01DLX10C	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	15.5360	2017-10-28_	10/28/17 16:17
CCV	2.1190	3.1370	3.0520	9.8380	2.3920	1.7730	14.9460	2017-10-28_	10/28/17 16:46
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-10-28_	10/28/17 17:15
I6193-02DLX10C	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	15.5060	2017-10-28_	10/28/17 17:44
CCV	2.2650	3.0590	2.9760	9.7930	2.3750	2.6070	14.5740	2017-10-28_	10/28/17 18:13
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-10-28_	10/28/17 18:41

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



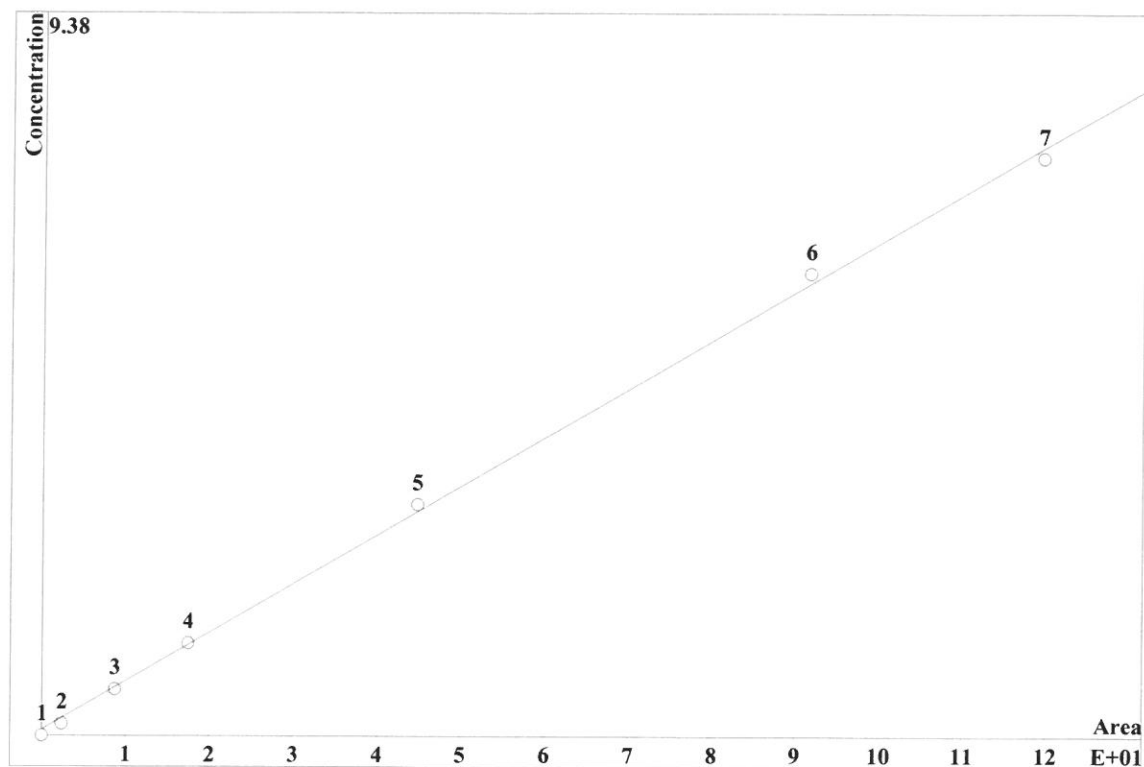
K3 = 0 K2 = 0 K1 = 0.86129 K0 = 2.02421

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

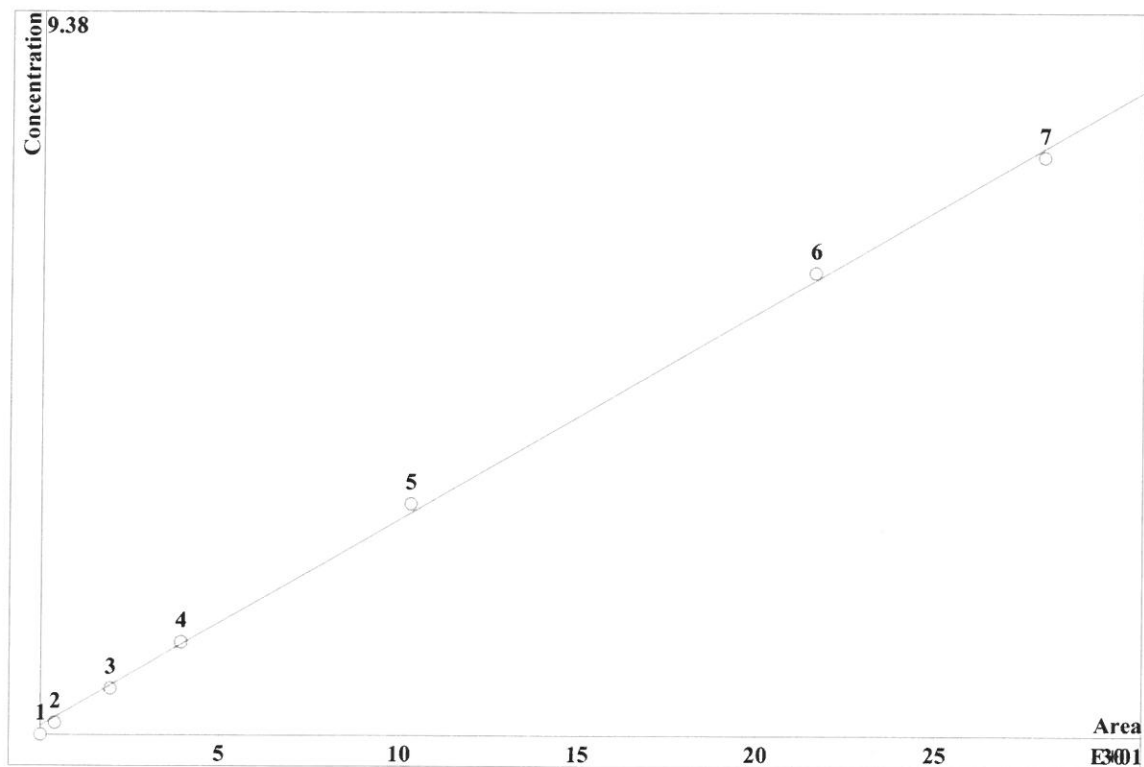
Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

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



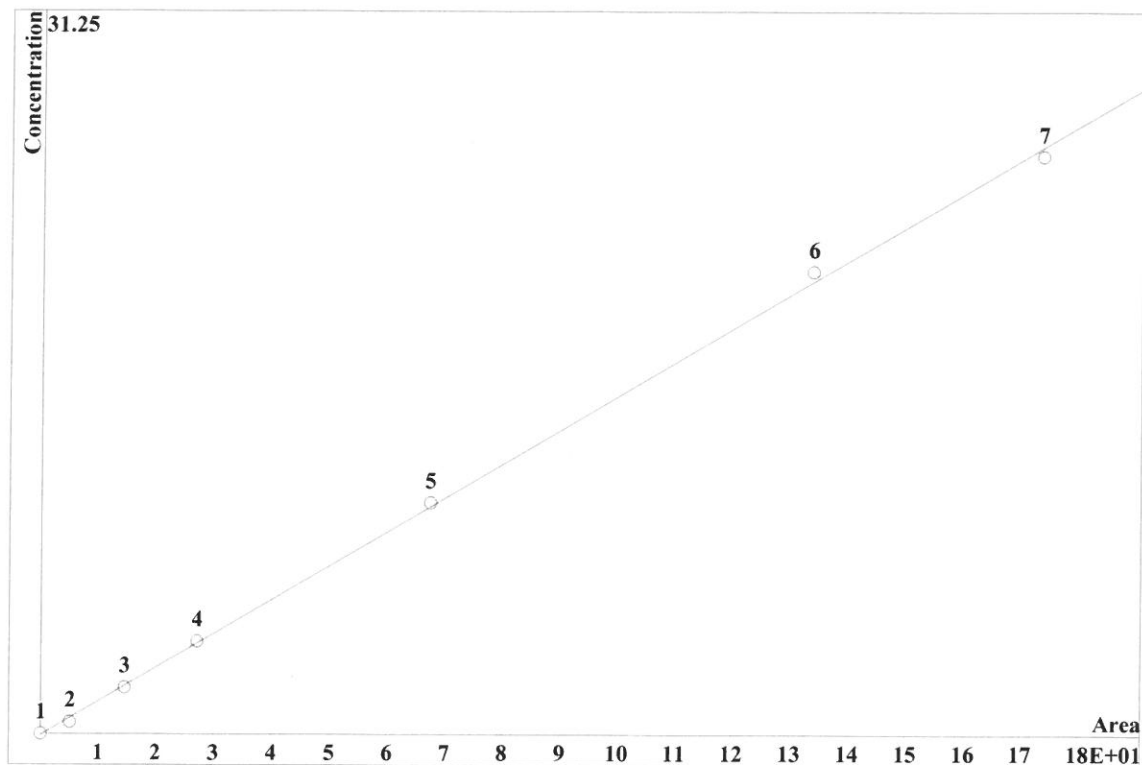
K3 = 0 K2 = 0 K1 = 0.53566 K0 = 2.41064

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



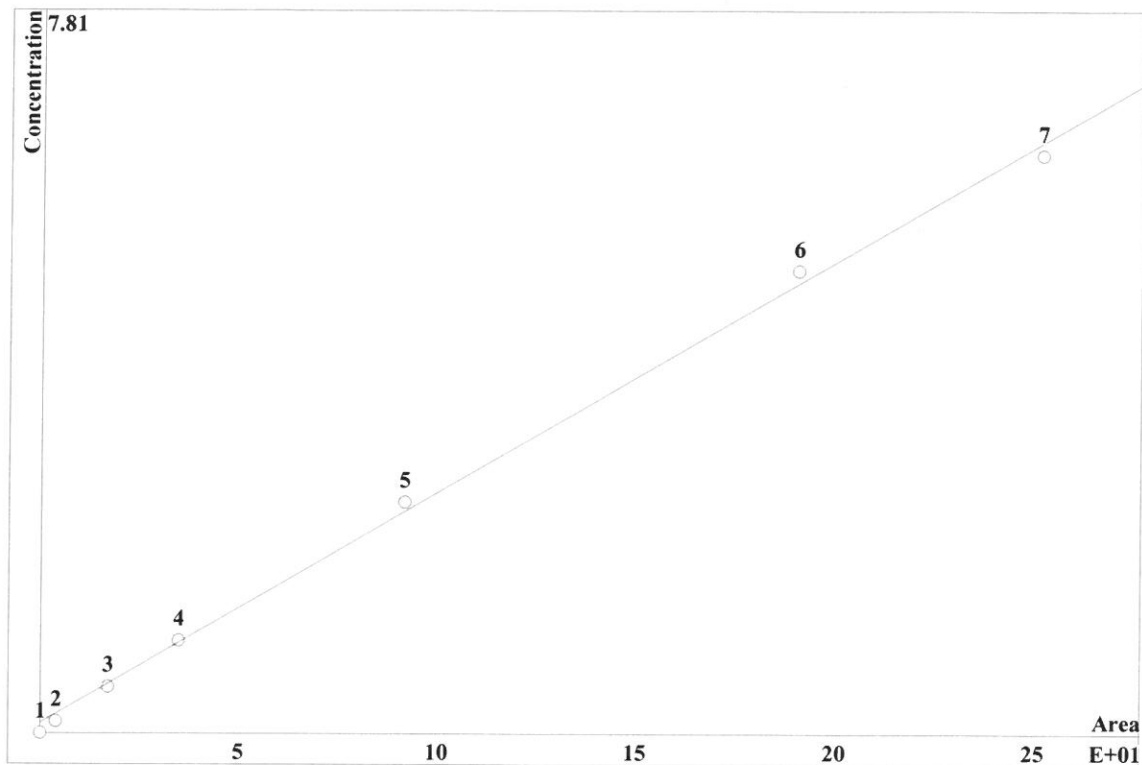
K3 = 0 K2 = 0 K1 = 2.9328 K0 = -1.14636

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



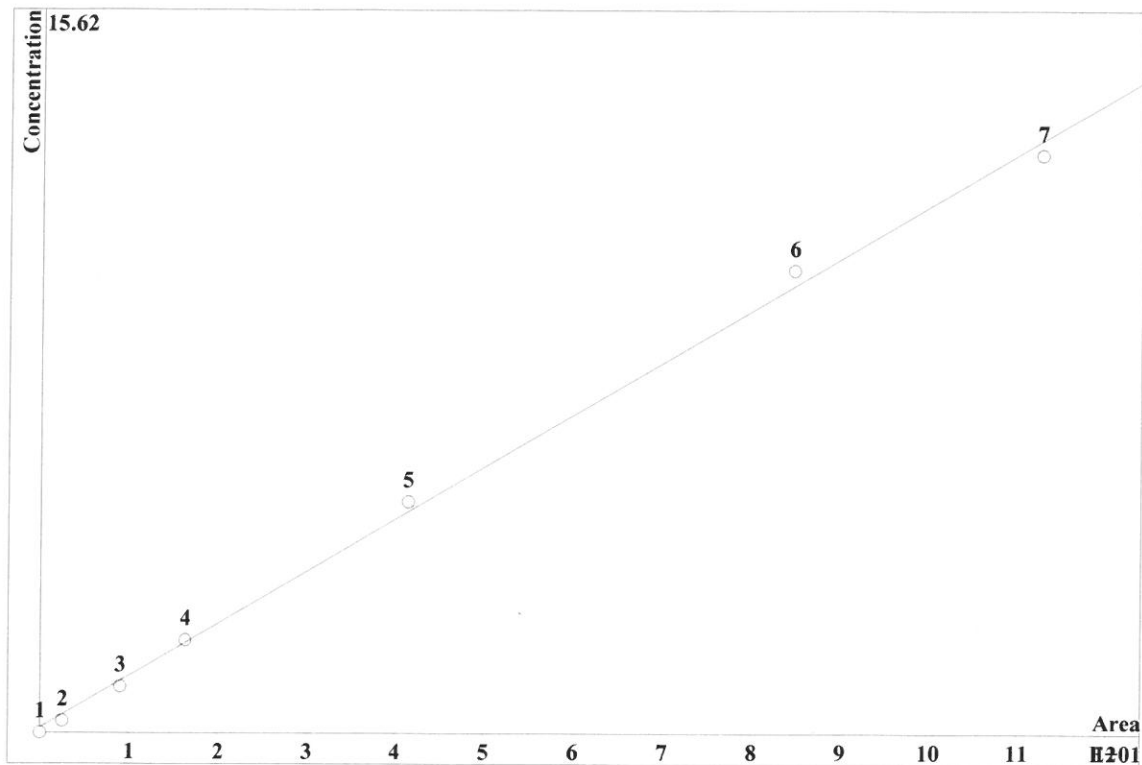
K3 = 0 K2 = 0 K1 = 0.498326 K0 = 2.26137

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



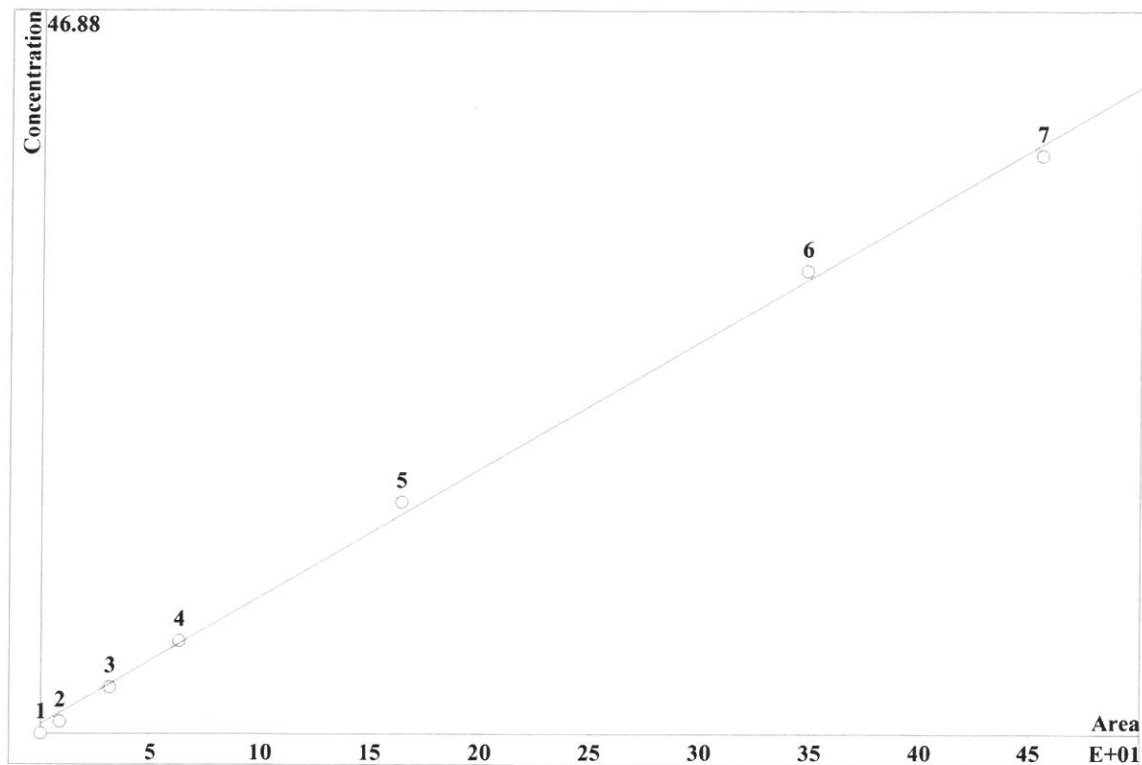
K3 = 0 K2 = 0 K1 = 2.25662 K0 = 2.2697

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

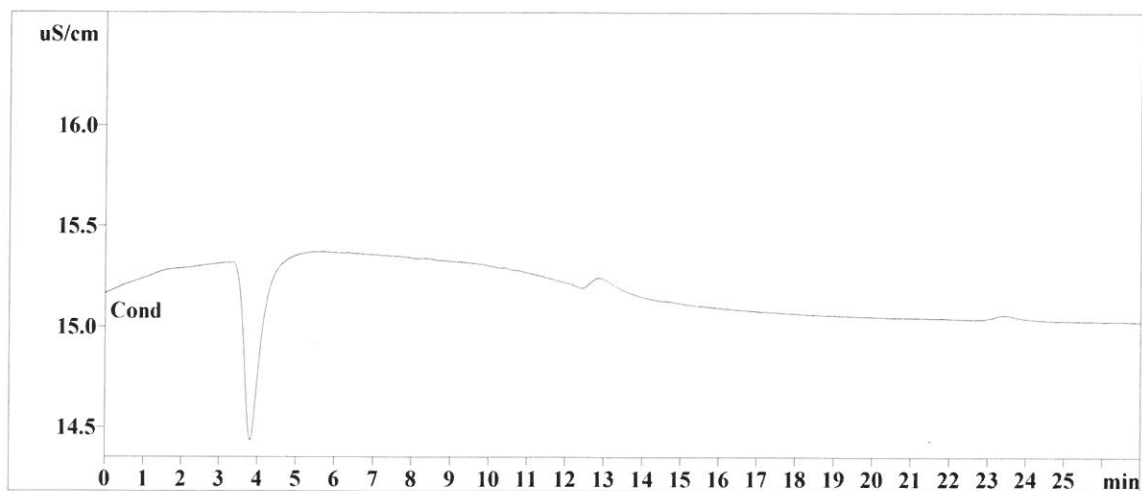
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Analysis from: 10/9/2017 10:05:47 AM
File: _2017-10-09_

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

This report has been created by IC Net
METROHM LTD

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

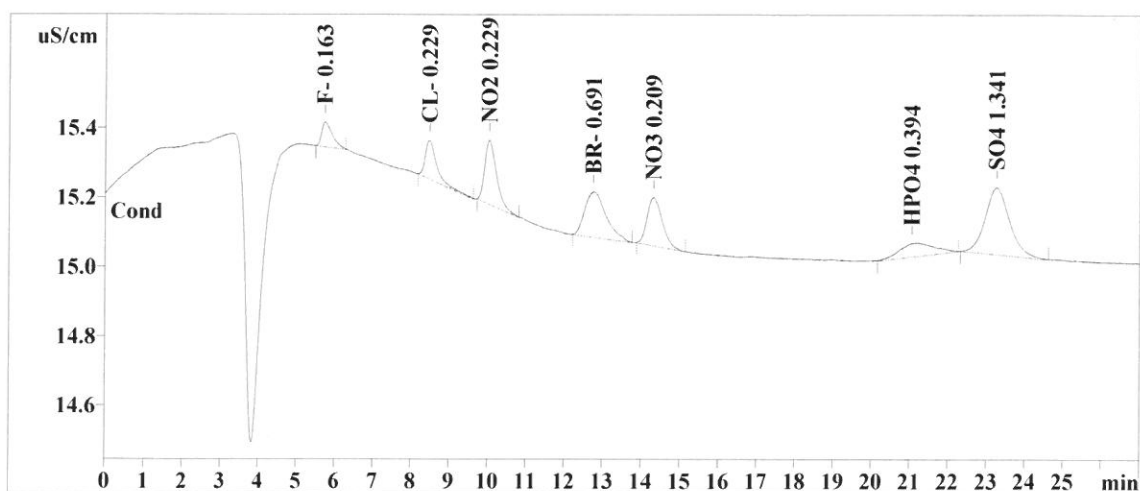
Ident: STD2
Analysis from: 10/9/2017 10:35:42 AM
File: _2017-10-09_

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.

This report has been created by IC Net
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Report date: 10/11/2017 9:43:46 AM
Printed by: wet

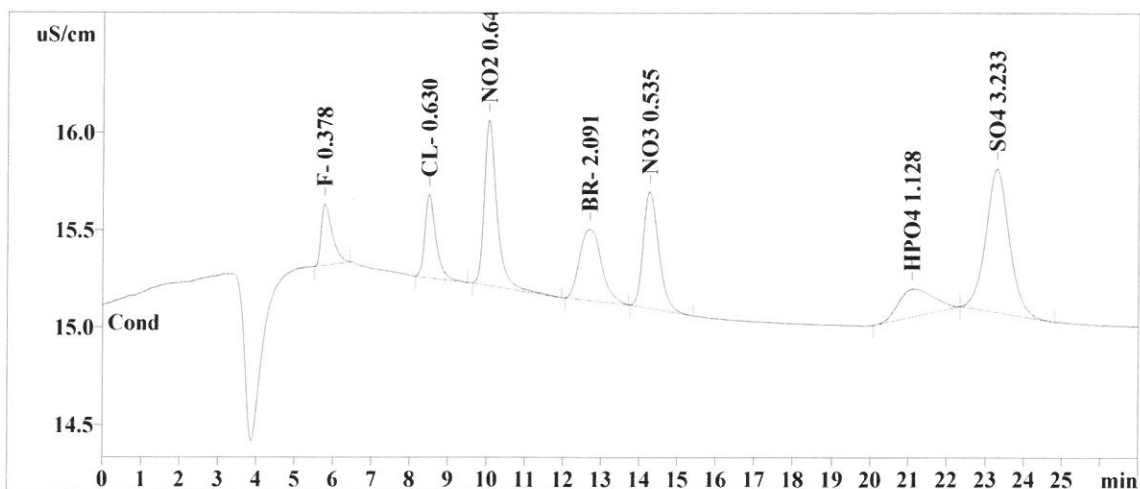
Ident: STD3
Analysis from: 10/9/2017 11:05:37 AM
File: _2017-10-09_

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.

This report has been created by IC Net
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Report date: 10/11/2017 9:43:55 AM
Printed by: wet

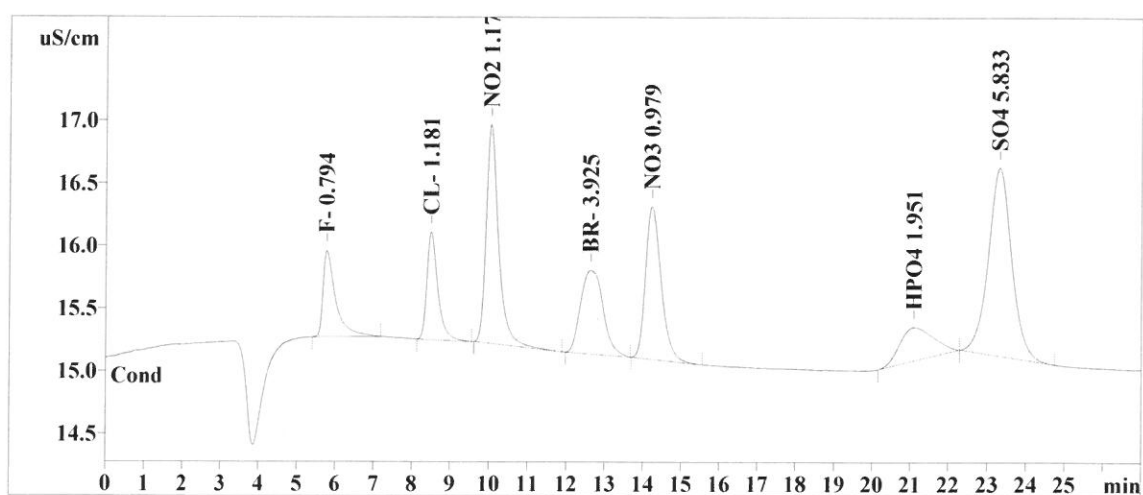
Ident: STD4
Analysis from: 10/9/2017 11:35:32 AM
File: _2017-10-09_

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

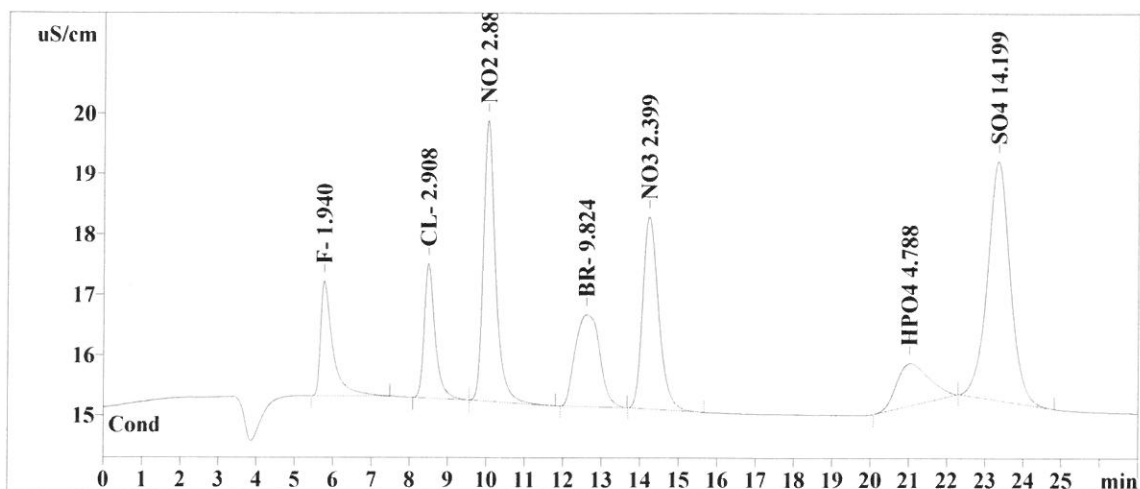
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Analysis from: 10/9/2017 12:05:27 PM
File: _2017-10-09_

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

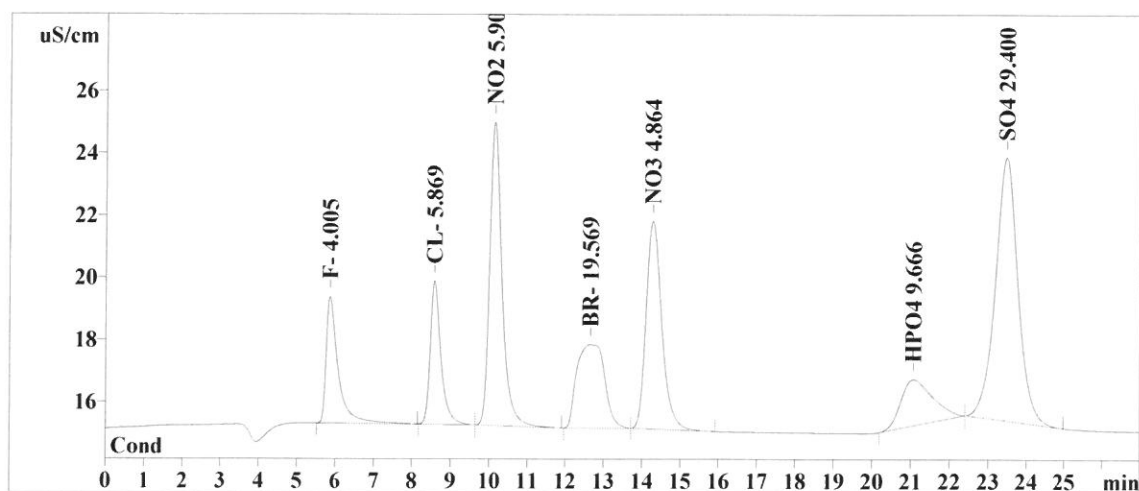
Ident: STD6
Analysis from: 10/9/2017 12:35:22 PM
File: _2017-10-09_

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 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.85	0.300	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

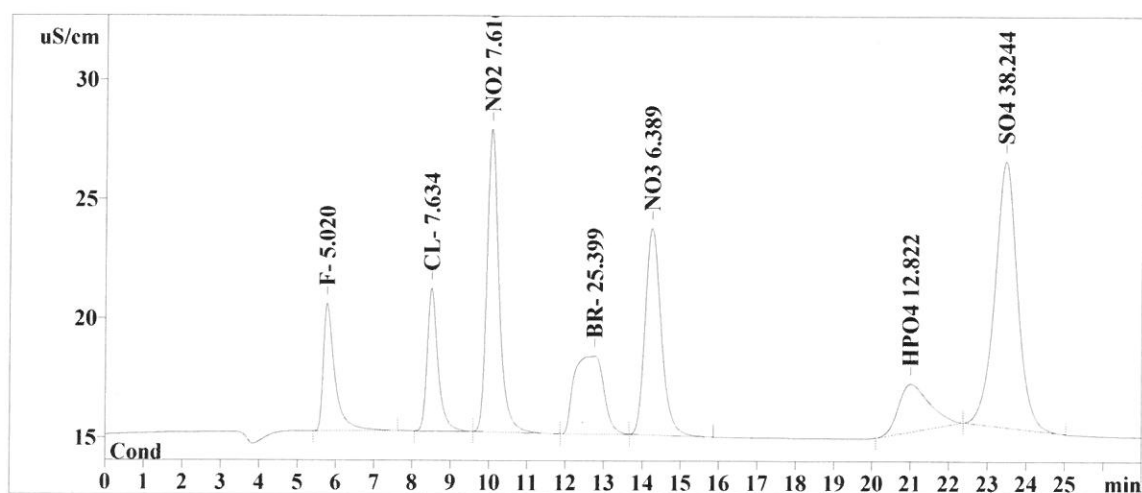
Ident: STD7
Analysis from: 10/9/2017 1:05:18 PM
File: _2017-10-09_

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

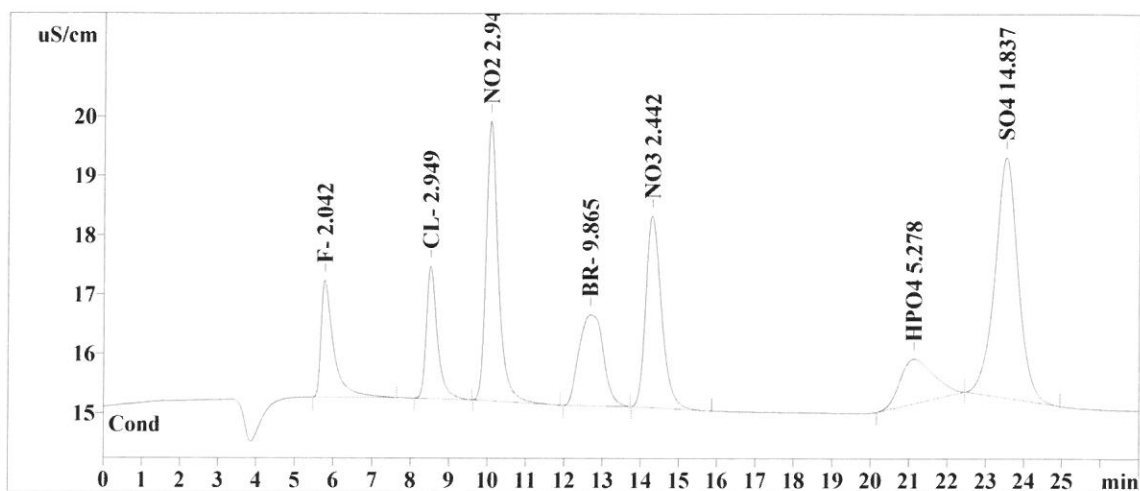
Ident: ICV
Analysis from: 10/9/2017 2:52:39 PM
File: _2017-10-09_

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

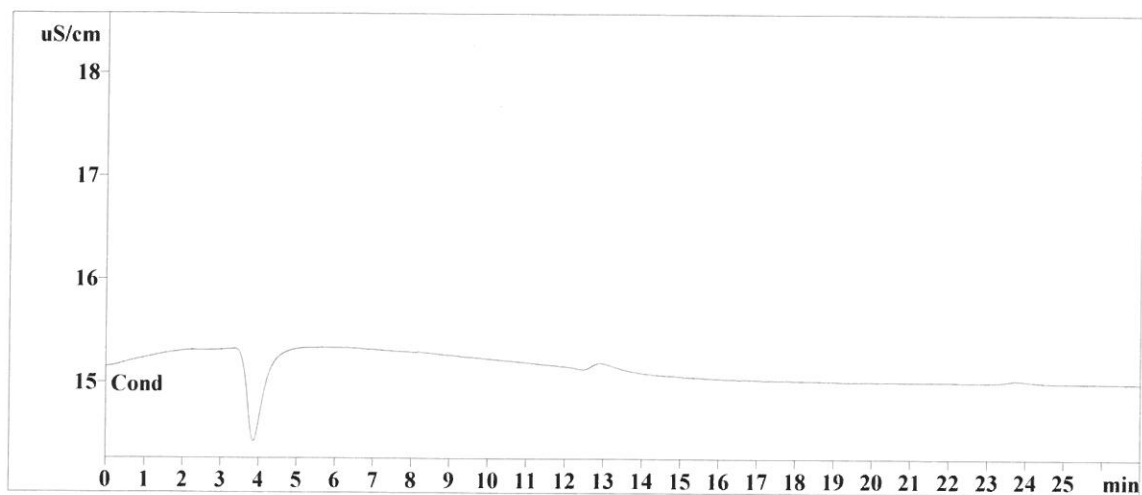
Ident: ICB
Analysis from: 10/9/2017 3:22:34 PM
File: _2017-10-09_

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: 10/30/2017 12:05:04 PM
Printed by: wet

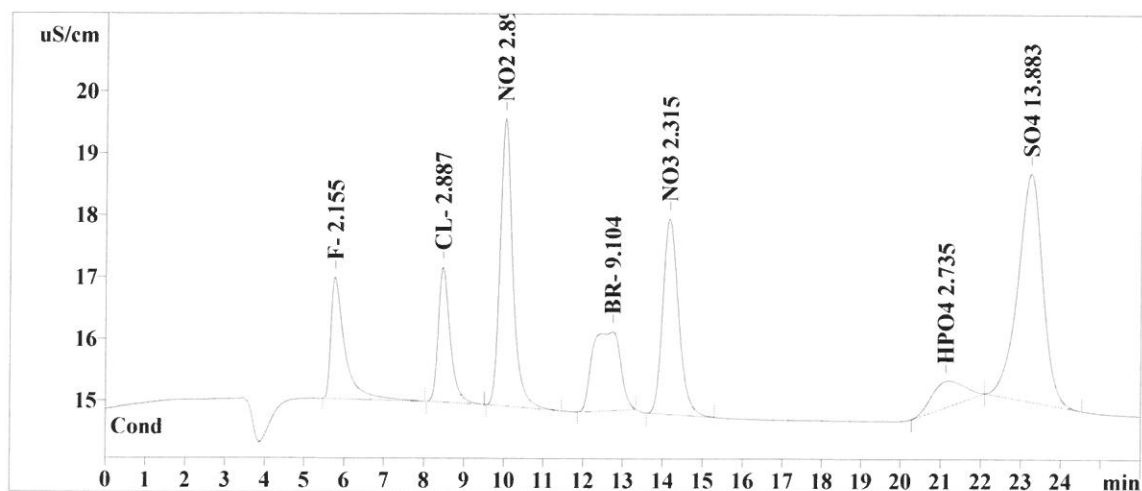
Ident: CCV
Analysis from: 10/27/2017 6:03:15 PM
File: _2017-10-27_

Last save: 10/30/2017 11:38:20 AM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59728

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	5.76	0.319	1.96	11.31	47.686	8.99	0.
2	8.46	0.297	2.18	12.56	44.428	8.38	0.
3	10.01	0.322	4.64	26.80	103.672	19.55	0.
4	12.74	0.810	1.27	7.34	62.472	11.78	0.
5	14.15	0.424	3.16	18.25	88.389	16.67	0.
6	21.11	0.903	0.42	2.45	23.233	4.38	0.
7	23.24	0.647	3.69	21.28	160.357	30.24	0.
7	26.00	0.532	17.32	99.99	530.237	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/30/2017 12:05:12 PM
Printed by: wet

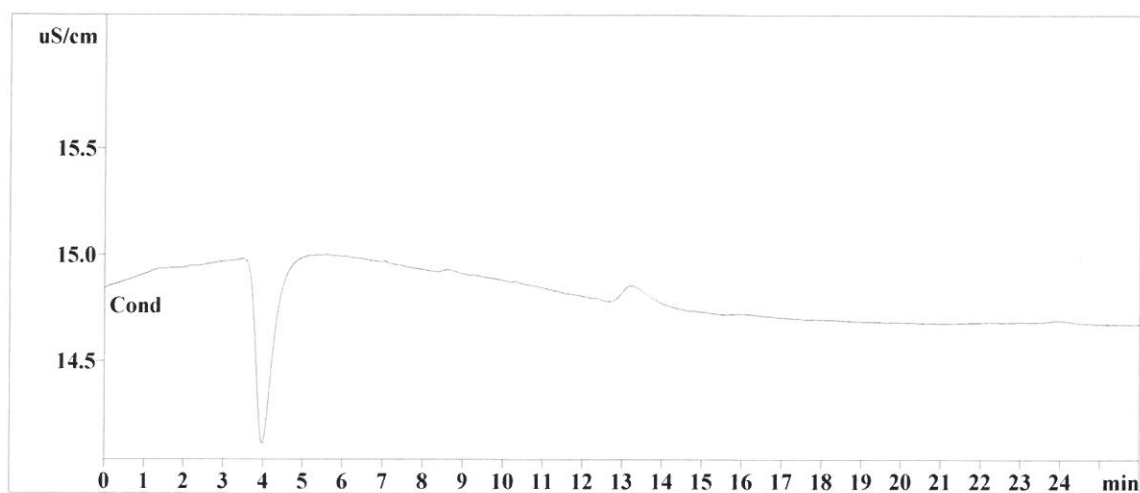
Ident: CCB
Analysis from: 10/27/2017 6:33:42 PM
File: _2017-10-27_

Last save: 10/30/2017 11:38:20 AM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59729

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: 10/30/2017 12:05:19 PM
Printed by: wet

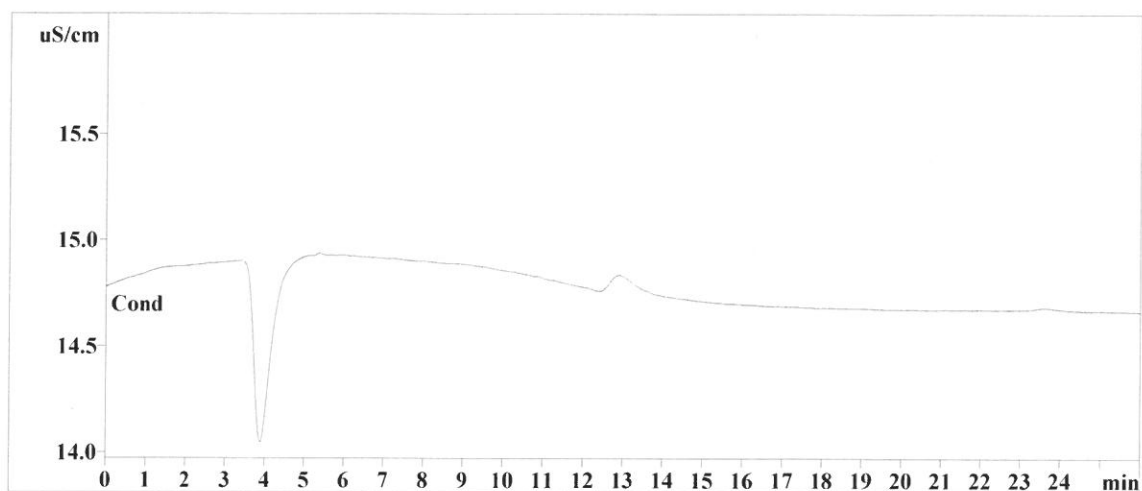
Ident: LB91167BLW
Analysis from: 10/27/2017 7:02:38 PM
File: _2017-10-27_

Last save: 10/28/2017 12:19:36 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59730

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: 10/30/2017 12:05:32 PM
Printed by: wet

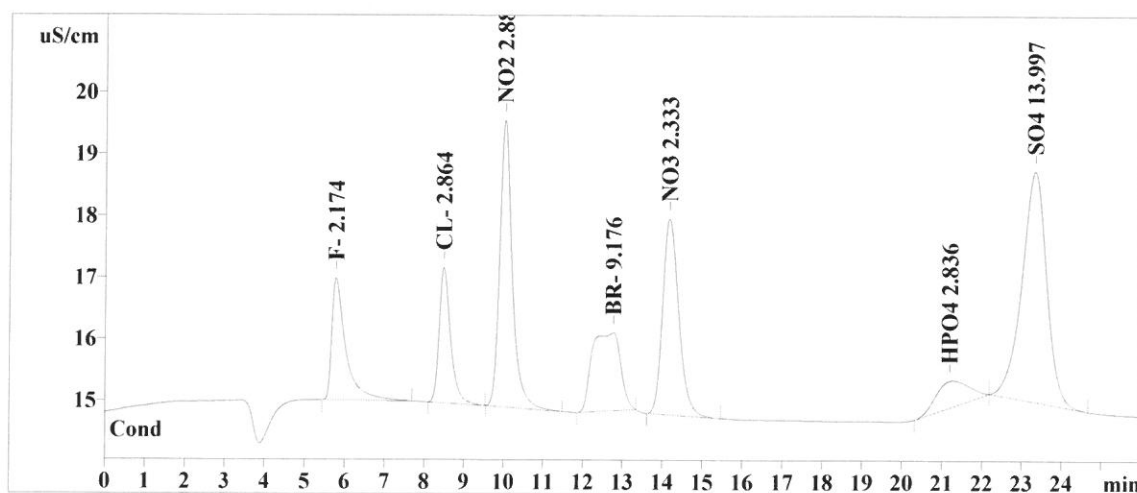
Ident: LB91167BSW
Analysis from: 10/27/2017 7:31:34 PM
File: _2017-10-27_

Last save: 10/28/2017 12:21:02 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59731

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	5.77	0.323	1.98	11.33	48.136	9.03	0.
2	8.48	0.291	2.19	12.59	44.064	8.27	0.
3	10.01	0.317	4.65	26.66	103.017	19.32	0.
4	12.75	0.825	1.26	7.25	62.963	11.81	0.
5	14.16	0.424	3.18	18.23	89.083	16.71	0.
6	21.16	0.916	0.44	2.50	24.131	4.53	0.
7	23.31	0.643	3.74	21.42	161.738	30.34	0.
7	26.00	0.534	17.43	99.99	533.133	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/30/2017 1:00:03 PM
Printed by: wet

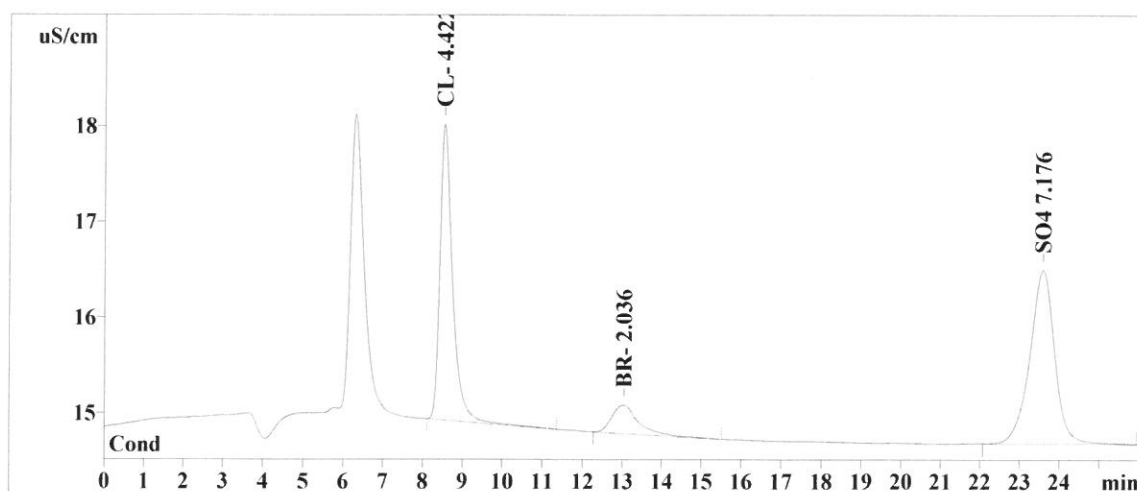
Ident: I6191-02
Analysis from: 10/27/2017 8:00:29 PM
File: _2017-10-27_

Last save: 10/30/2017 1:00:04 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59732

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

SAMPLE:
: AK/AP
Vial number: 15
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	8.53	0.315	3.09	59.42	68.712	42.37	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.03	0.659	0.30	5.70	14.277	8.80	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	23.58	0.637	1.81	34.86	79.201	48.83	0.
7	26.00	0.230	5.20	99.98	162.190	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/30/2017 12:49:26 PM
Printed by: wet

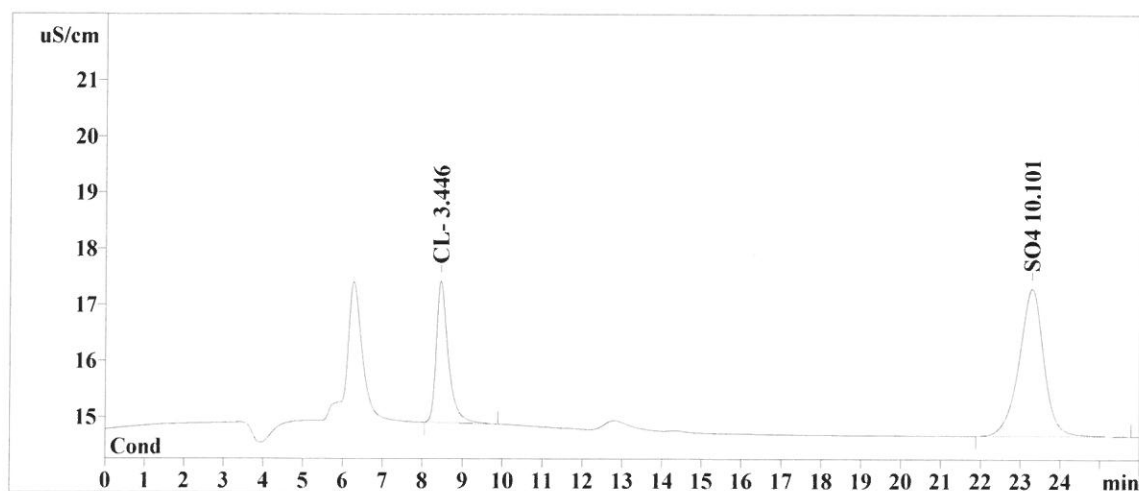
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Analysis from: 10/27/2017 8:29:25 PM
File: _2017-10-27_

Last save: 10/30/2017 12:49:18 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59733

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

SAMPLE:
: AK/AP
Vial number: 19
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	8.45	0.302	2.52	48.98	53.274	31.74	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	23.28	0.635	2.63	51.00	114.593	68.26	0.
7	26.00	0.134	5.15	99.98	167.867	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/30/2017 12:49:34 PM
Printed by: wet

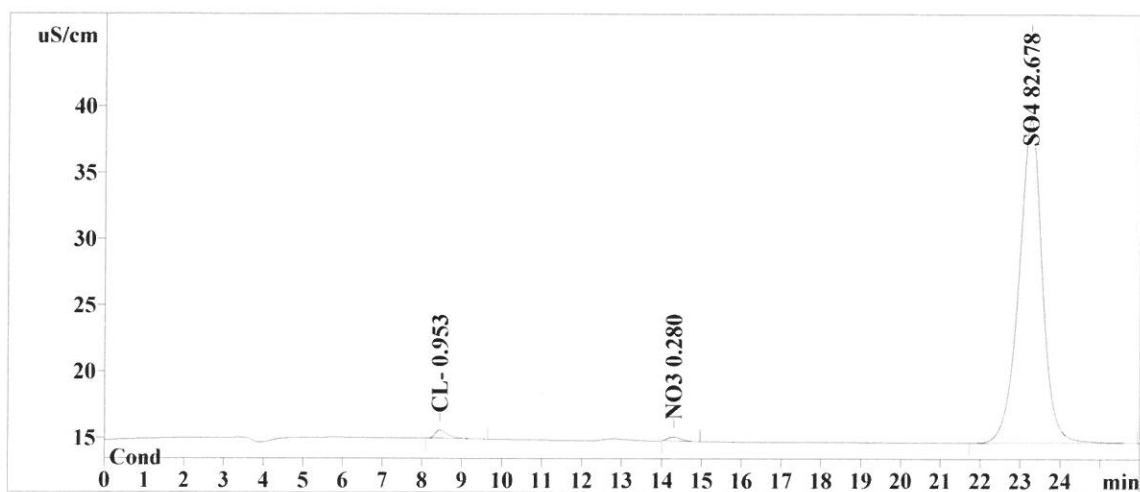
Ident: I6191-06
Analysis from: 10/27/2017 8:58:20 PM
File: _2017-10-27_

Last save: 10/30/2017 12:49:18 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59734

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	8.46	0.316	0.64	2.52	13.832	1.36	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	14.30	0.375	0.29	1.14	6.712	0.66	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	23.24	0.595	24.36	96.34	992.825	97.97	0.
7	26.00	0.184	25.29	100.00	1013.370	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/30/2017 12:50:02 PM
Printed by: wet

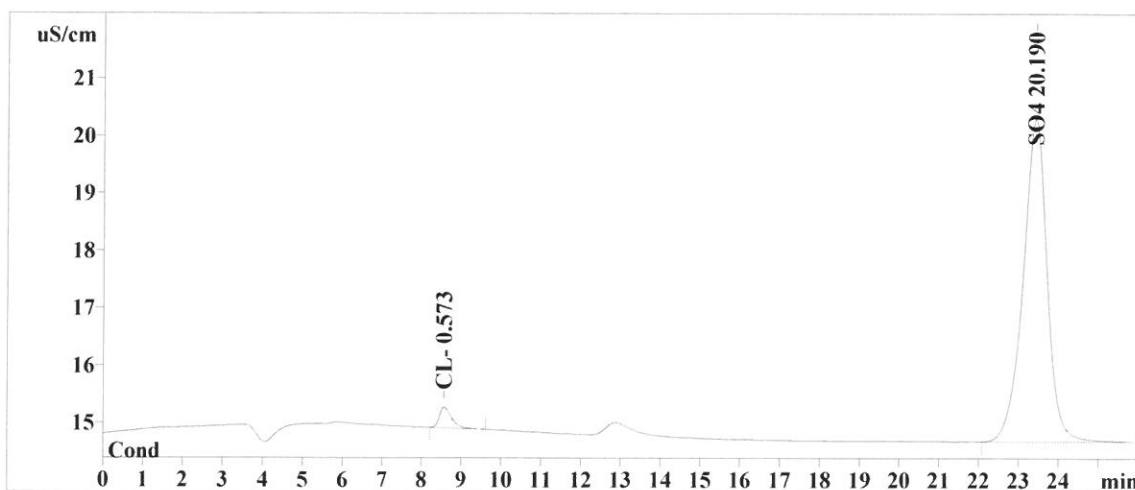
Ident: I6191-07
Analysis from: 10/27/2017 9:27:16 PM
File: _2017-10-27_

Last save: 10/30/2017 12:49:20 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59735

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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.57	0.315	0.36	6.05	7.829	3.20	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	23.41	0.615	5.62	93.95	236.682	96.80	0.
7	26.00	0.133	5.98	99.99	244.511	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/30/2017 12:50:17 PM
Printed by: wet

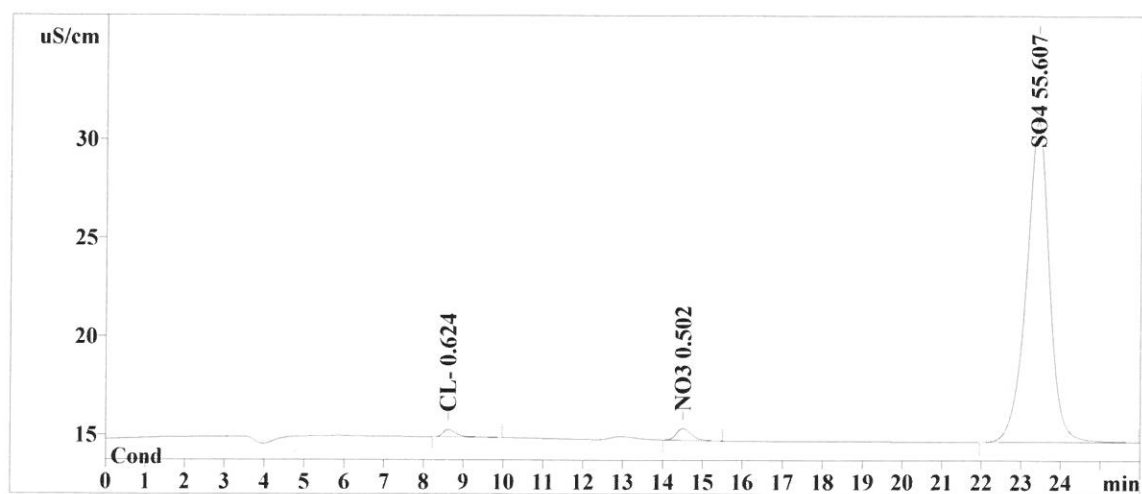
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Analysis from: 10/27/2017 9:56:11 PM
File: _2017-10-27_

Last save: 10/30/2017 12:49:20 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59736

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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.61	0.318	0.38	2.19	8.623	1.25	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	14.51	0.399	0.60	3.46	15.600	2.26	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	23.41	0.595	16.27	94.35	665.248	96.49	0.
7	26.00	0.187	17.25	99.99	689.471	100.00	0.

This report has been created by IC Net
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Report date: 10/30/2017 1:00:19 PM
Printed by: wet

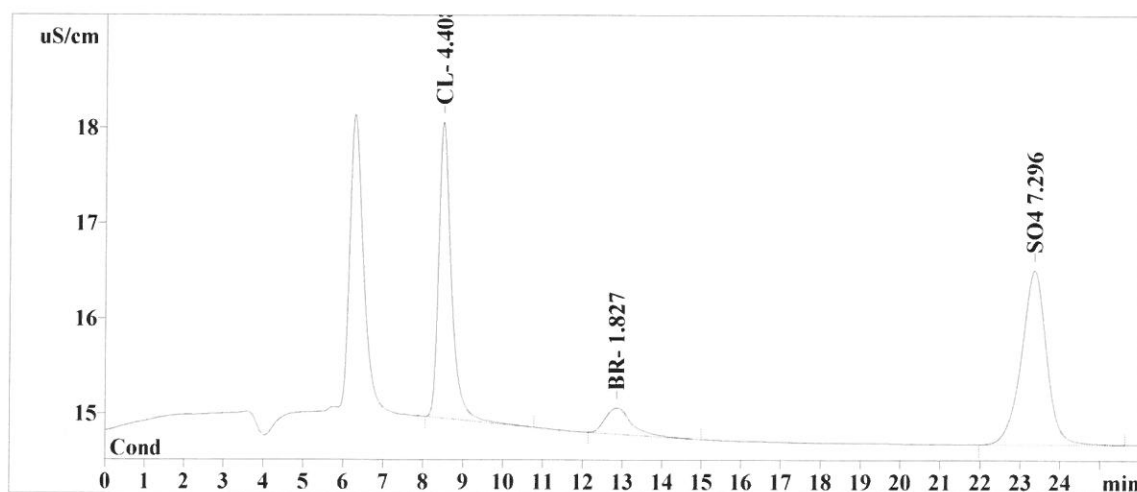
Ident: I6191-02DUP
Analysis from: 10/27/2017 10:25:07 PM
File: _2017-10-27_

Last save: 10/30/2017 1:00:20 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59737

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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.49	0.314	3.11	59.61	68.493	42.28	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	12.86	0.664	0.27	5.26	12.847	7.93	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	23.34	0.647	1.83	35.08	80.650	49.79	0.
7	26.00	0.232	5.21	99.96	161.990	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/30/2017 12:58:35 PM
Printed by: wet

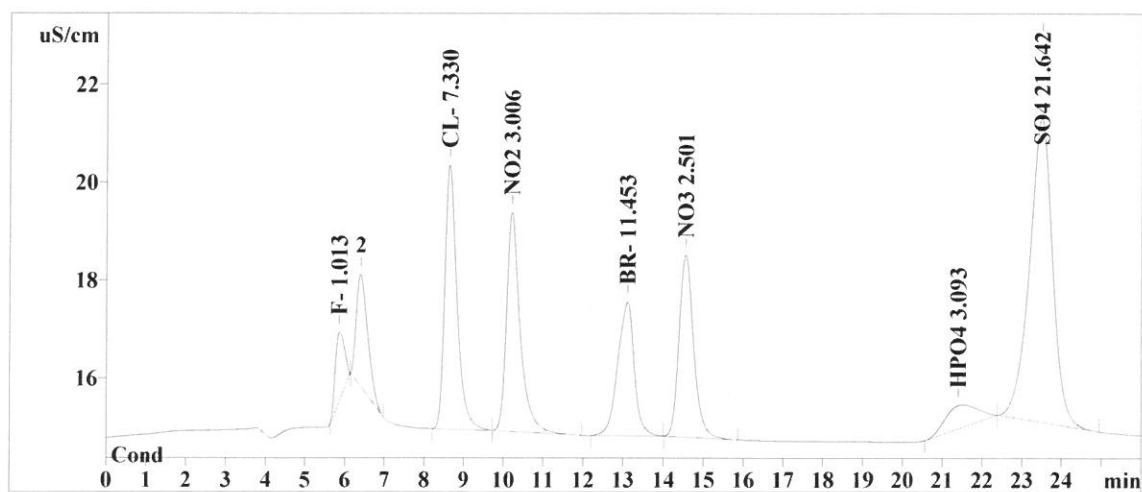
Ident: I6191-03MS
Analysis from: 10/27/2017 10:54:02 PM
File: _2017-10-27_

Last save: 10/27/2017 11:19:52 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59738

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	5.85	0.252	1.40	5.27	21.176	2.84	0.
2	8.63	0.310	5.39	20.20	114.711	15.40	0.
3	10.20	0.342	4.47	16.77	107.724	14.46	0.
4	13.11	0.440	2.73	10.23	78.491	10.54	0.
5	14.55	0.389	3.72	13.93	95.856	12.87	0.
6	21.40	0.919	0.48	1.79	26.406	3.54	0.
7	23.47	0.612	6.20	23.25	254.256	34.13	0.
7	26.00	0.466	24.38	91.44	698.621	93.77	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/30/2017 12:58:46 PM
Printed by: wet

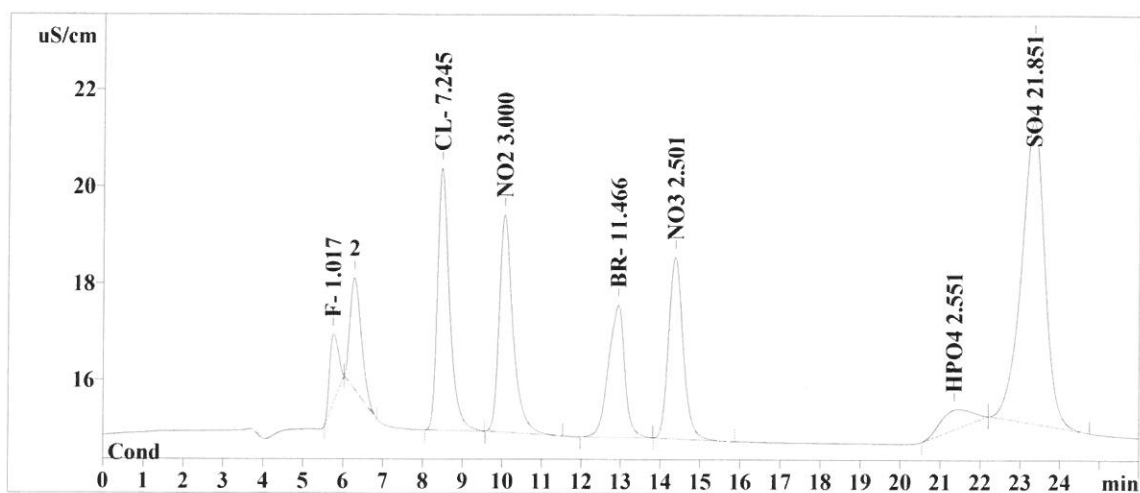
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Analysis from: 10/27/2017 11:22:58 PM
File: _2017-10-27_

Last save: 10/27/2017 11:48:48 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59739

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	5.74	0.249	1.43	5.34	21.261	2.87	0.
2	8.47	0.304	5.41	20.22	113.365	15.31	0.
3	10.04	0.341	4.49	16.77	107.530	14.52	0.
4	12.93	0.443	2.73	10.20	78.581	10.61	0.
5	14.36	0.385	3.75	14.00	95.843	12.94	0.
6	21.31	0.884	0.41	1.53	21.601	2.92	0.
7	23.32	0.610	6.26	23.38	256.778	34.68	0.
7	26.00	0.459	24.47	91.45	694.958	93.86	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/30/2017 12:59:14 PM
Printed by: wet

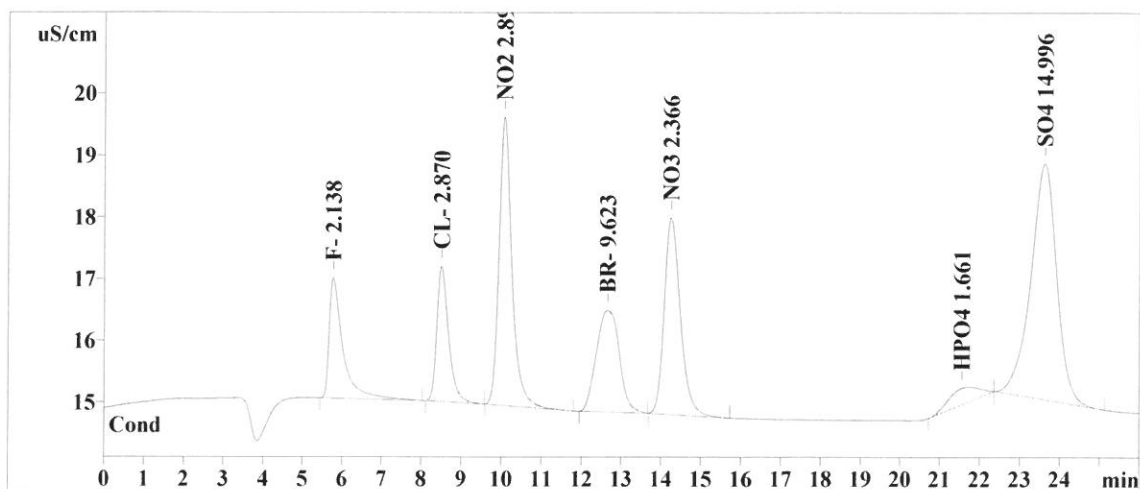
Ident: CCV
Analysis from: 10/27/2017 11:51:54 PM
File: _2017-10-27_

Last save: 10/28/2017 12:17:44 AM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59740

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	5.77	0.318	1.94	10.98	47.287	8.77	0.
2	8.50	0.294	2.18	12.34	44.153	8.19	0.
3	10.06	0.320	4.67	26.35	103.755	19.24	0.
4	12.65	0.639	1.64	9.28	66.014	12.24	0.
5	14.24	0.427	3.18	17.96	90.401	16.77	0.
6	21.54	0.864	0.27	1.50	13.718	2.54	0.
7	23.60	0.674	3.82	21.57	173.836	32.24	0.
7	26.00	0.505	17.70	99.98	539.164	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/30/2017 12:59:24 PM
Printed by: wet

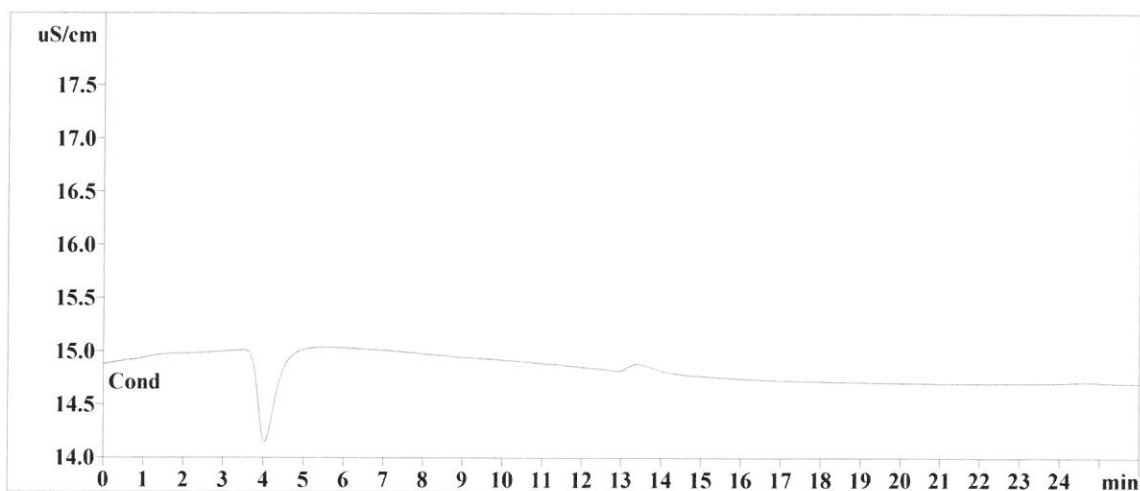
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Analysis from: 10/28/2017 12:20:49 AM
File: _2017-10-28_

Last save: 10/28/2017 12:19:36 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59741

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: 10/30/2017 1:04:05 PM
Printed by: wet

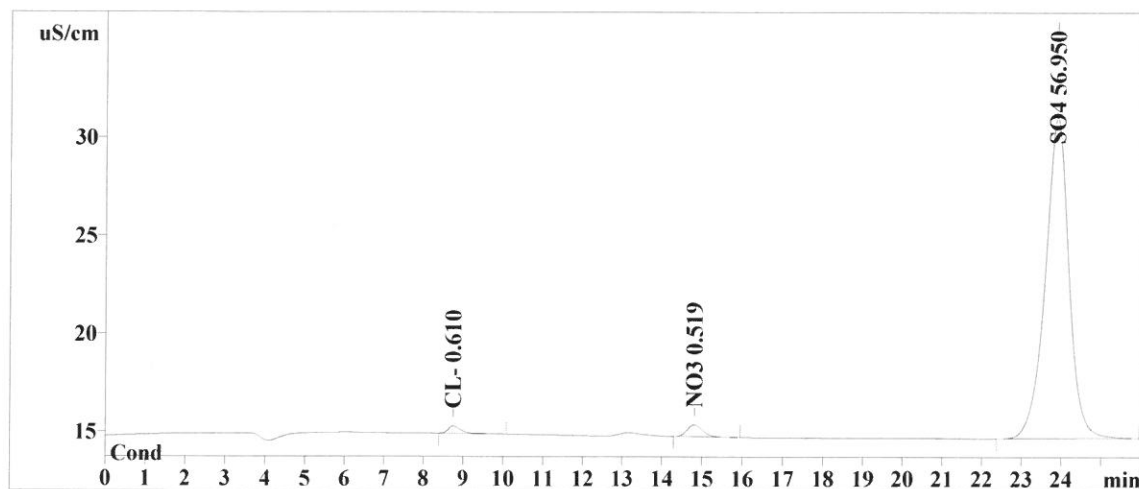
Ident: I6191-09
Analysis from: 10/28/2017 12:49:45 AM
File: _2017-10-28_

Last save: 10/30/2017 12:49:20 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59742

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	8.75	0.314	0.38	2.18	8.405	1.19	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	14.81	0.413	0.60	3.47	16.274	2.30	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	23.89	0.610	16.33	94.34	681.503	96.51	0.
7	26.00	0.191	17.31	99.99	706.182	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/30/2017 1:05:10 PM
Printed by: wet

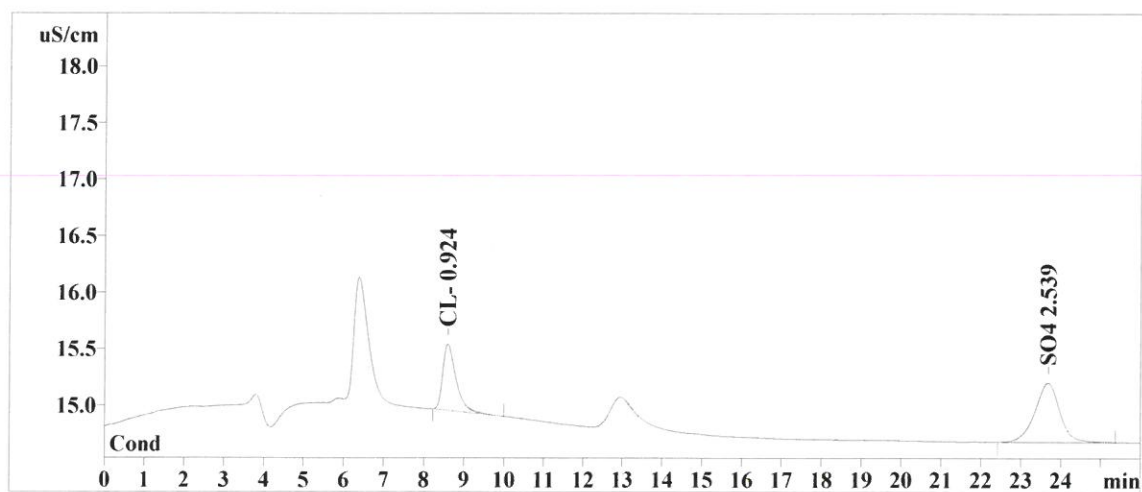
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Analysis from: 10/28/2017 1:18:40 AM
File: _2017-10-28_

Last save: 10/30/2017 1:05:08 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59743

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	8.59	0.329	0.59	52.60	13.381	36.69	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	23.67	0.644	0.53	47.27	23.087	63.31	0.
7	26.00	0.139	1.11	99.86	36.468	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/30/2017 1:05:33 PM
Printed by: wet

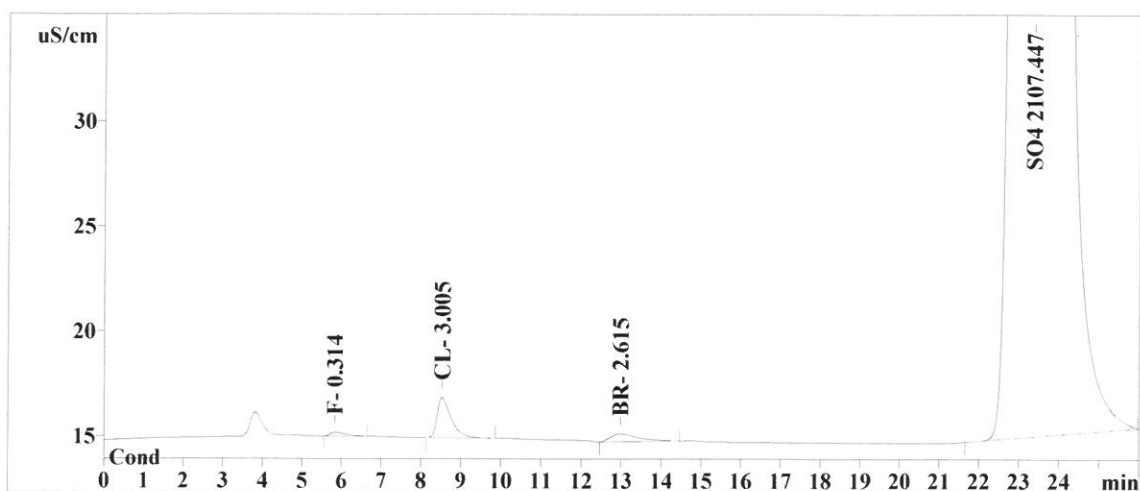
Ident: I6193-01
Analysis from: 10/28/2017 1:47:36 AM
File: _2017-10-28_

Last save: 10/28/2017 2:13:26 AM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59744

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	5.84	0.441	0.17	0.04	4.948	0.02	0.
2	8.54	0.350	1.92	0.40	46.298	0.18	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	12.97	0.715	0.38	0.08	18.226	0.07	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	23.37	0.845	476.85	99.48	25493.958	99.73	0.
7	26.00	0.336	479.32	100.00	25563.430	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/30/2017 1:05:41 PM
Printed by: wet

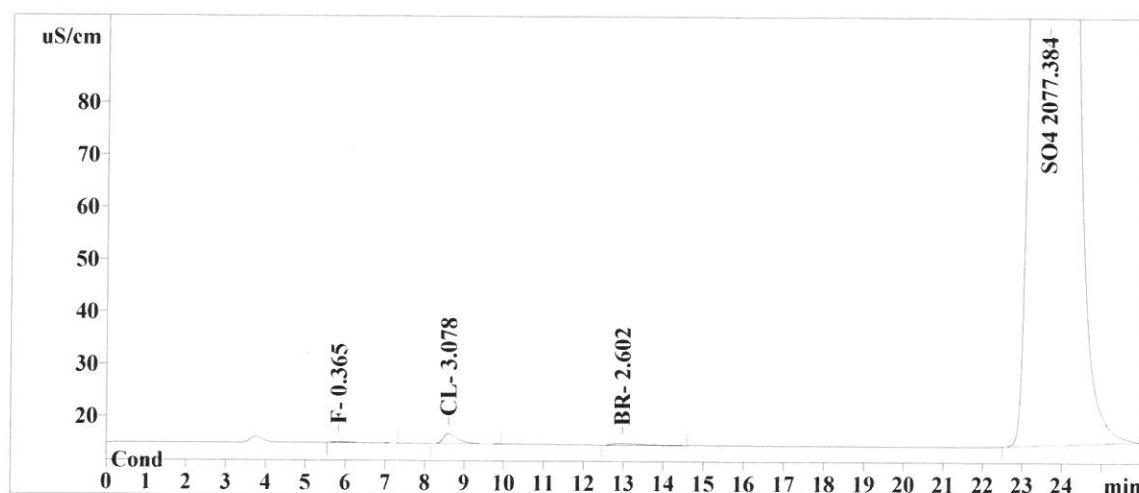
Ident: I6193-02
Analysis from: 10/28/2017 2:16:31 AM
File: _2017-10-28_

Last save: 10/28/2017 2:42:20 AM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59745

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

SAMPLE:
:
Vial number: 26
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.84	0.481	0.18	0.04	6.135	0.02	0.
2	8.60	0.357	1.92	0.40	47.449	0.19	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	12.96	0.753	0.36	0.08	18.136	0.07	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	23.63	0.828	477.75	99.49	25130.183	99.72	0.
7	26.00	0.346	480.21	100.00	25201.904	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/30/2017 1:20:46 PM
Printed by: wet

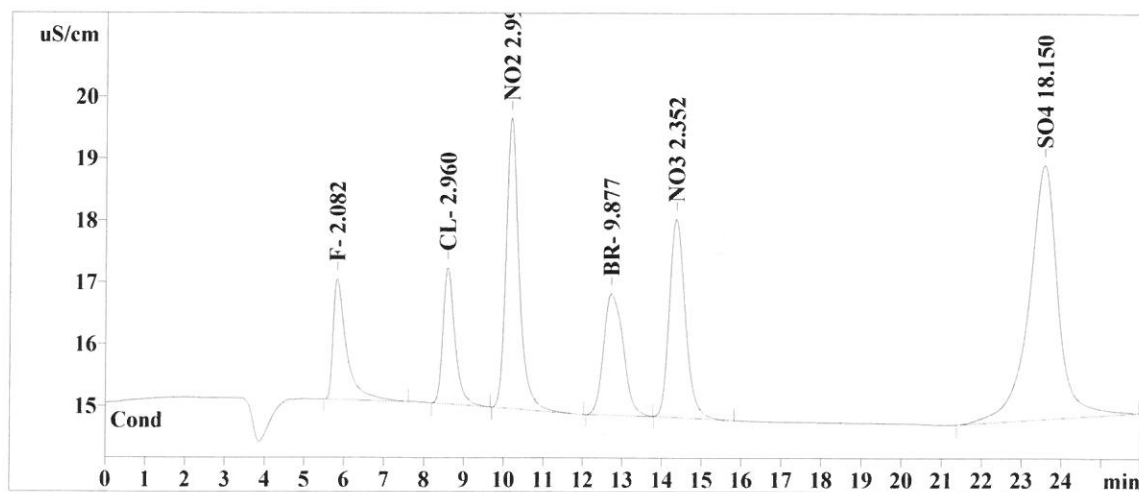
Ident: CCV
Analysis from: 10/28/2017 2:45:27 AM
File: _2017-10-28_

Last save: 10/28/2017 3:11:16 AM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59746

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	5.82	0.317	1.95	10.75	45.988	8.09	0.
2	8.58	0.299	2.20	12.14	45.582	8.02	0.
3	10.17	0.328	4.70	25.93	107.283	18.87	0.
4	12.71	0.549	1.96	10.82	67.748	11.92	0.
5	14.34	0.422	3.20	17.67	89.839	15.80	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	23.55	0.695	4.11	22.68	211.993	37.29	0.
7	26.00	0.373	18.12	100.00	568.433	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/30/2017 1:20:55 PM
Printed by: wet

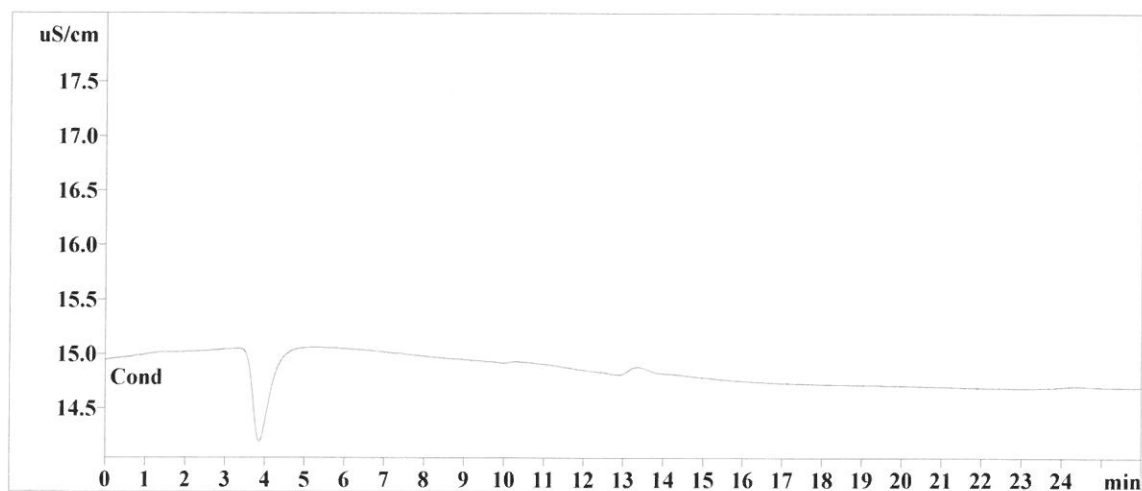
Ident: CCB
Analysis from: 10/28/2017 3:14:22 AM
File: _2017-10-28_

Last save: 10/28/2017 12:19:36 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59747

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: 10/30/2017 1:06:39 PM
Printed by: wet

Ident: CCV
Analysis from: 10/28/2017 10:54:42 AM
File: _2017-10-28_

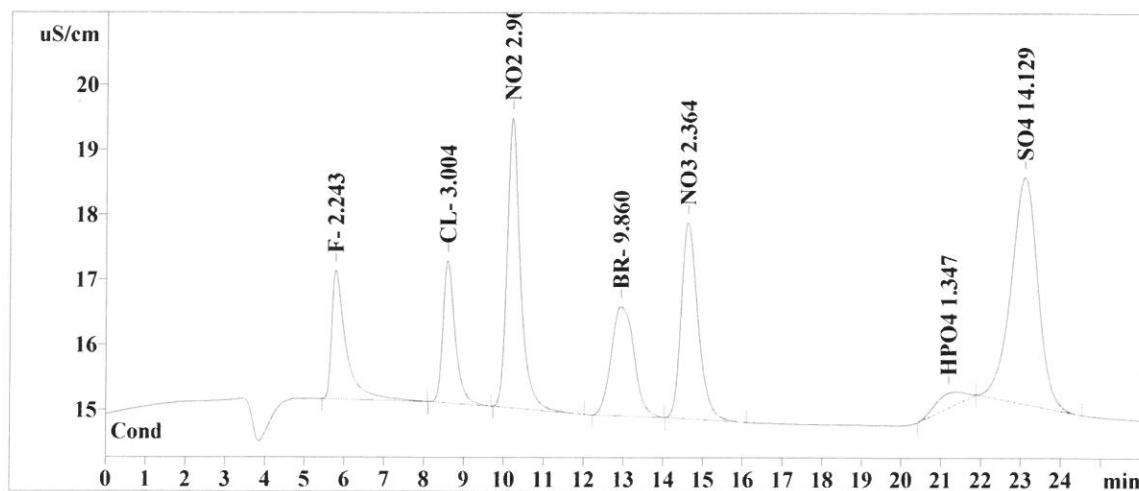
Last save: 10/28/2017 11:20:32 AM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59750

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

SAMPLE:

: AK/AP
Vial number: 2
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	5.78	0.327	1.98	11.61	49.729	9.34	0.
2	8.58	0.304	2.19	12.83	46.276	8.70	0.
3	10.20	0.333	4.46	26.18	103.934	19.53	0.
4	12.93	0.632	1.68	9.87	67.628	12.71	0.
5	14.61	0.450	3.02	17.70	90.347	16.98	0.
6	21.19	0.807	0.23	1.34	10.934	2.05	0.
7	23.09	0.702	3.49	20.45	163.334	30.69	0.
7	26.00	0.508	17.04	99.98	532.182	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/30/2017 1:07:16 PM
Printed by: wet

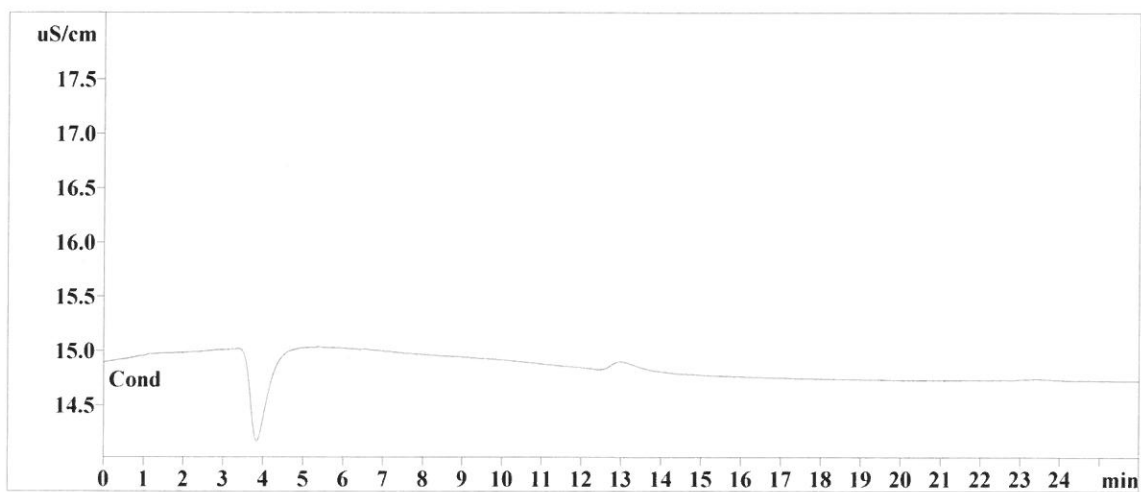
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Analysis from: 10/28/2017 11:28:05 AM
File: _2017-10-28_

Last save: 10/28/2017 12:19:36 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59751

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: 10/30/2017 1:07:22 PM
Printed by: wet

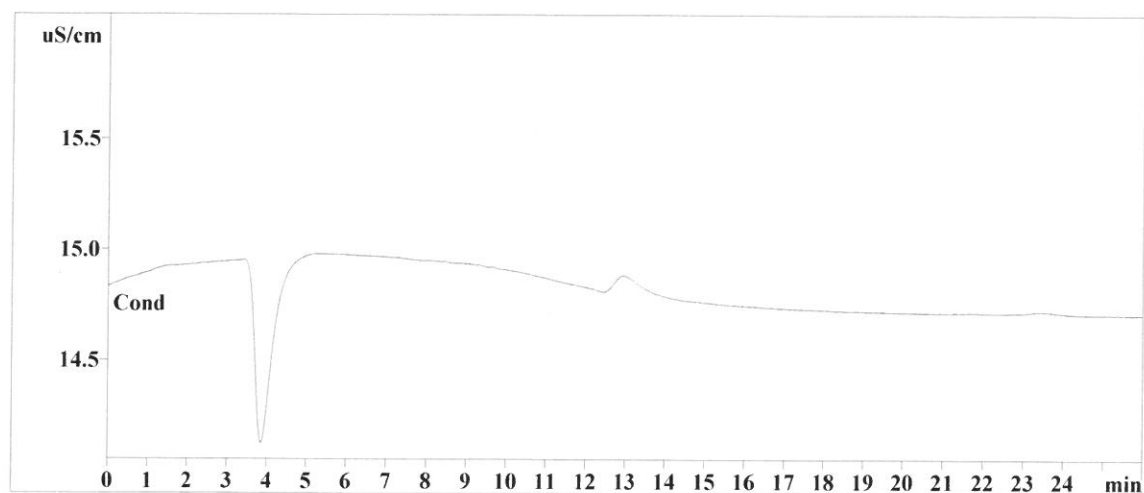
Ident: LB91167BLW2
Analysis from: 10/28/2017 11:57:01 AM
File: _2017-10-28_

Last save: 10/30/2017 1:07:08 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59752

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: 10/30/2017 1:07:30 PM
Printed by: wet

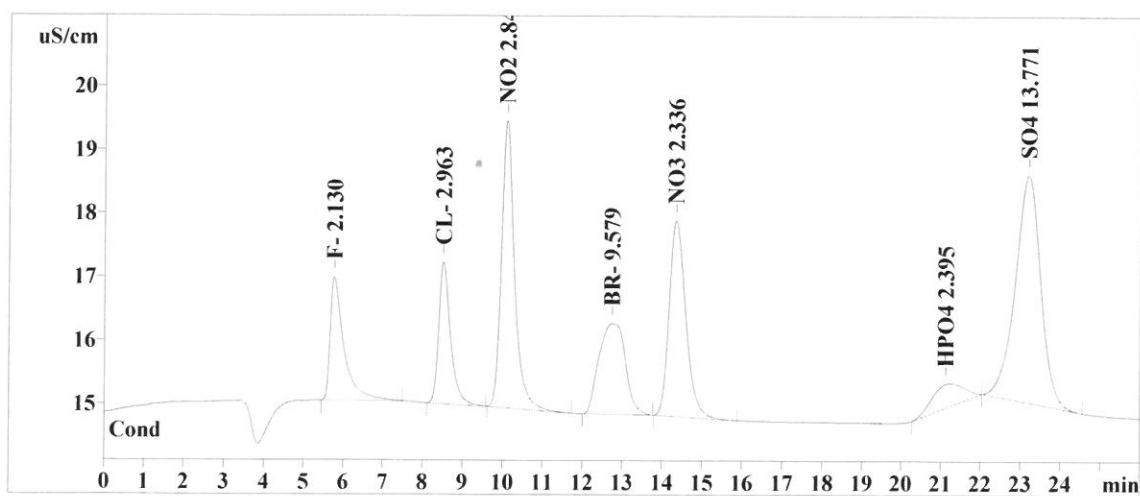
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Analysis from: 10/28/2017 12:25:56 PM
File: _2017-10-28_

Last save: 10/28/2017 12:51:46 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59753

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	5.76	0.323	1.94	11.33	47.121	8.91	0.
2	8.51	0.296	2.22	12.98	45.632	8.63	0.
3	10.08	0.322	4.52	26.35	101.888	19.27	0.
4	12.74	0.753	1.43	8.33	65.716	12.43	0.
5	14.33	0.438	3.08	17.94	89.233	16.87	0.
6	21.11	0.894	0.38	2.19	20.218	3.82	0.
7	23.19	0.664	3.57	20.85	159.007	30.07	0.
7	26.00	0.527	17.14	99.98	528.815	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/30/2017 2:17:46 PM
Printed by: wet

Ident: I6191-09
Analysis from: 10/28/2017 12:54:52 PM
File: _2017-10-28_

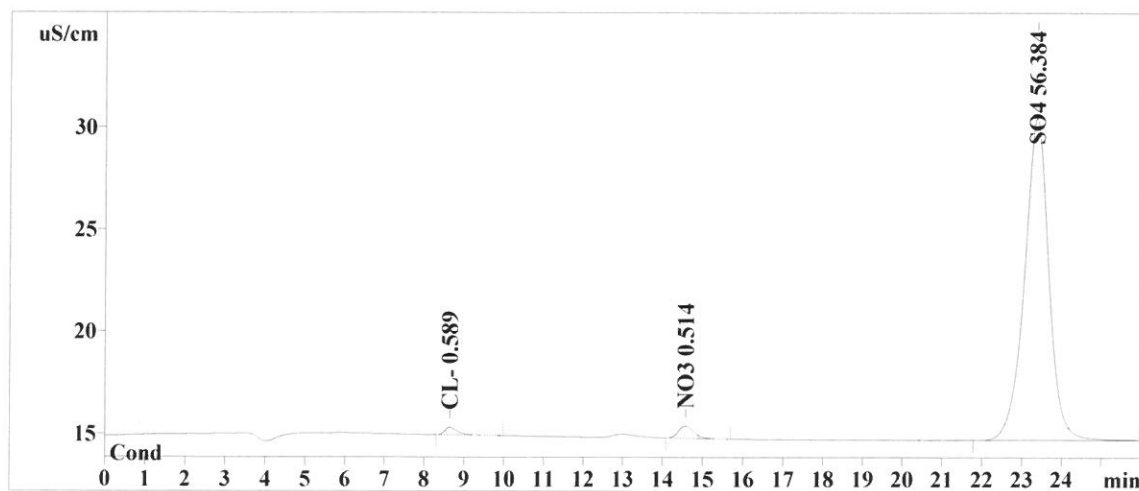
Last save: 10/30/2017 1:08:12 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59754

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	8.64	0.311	0.37	2.22	8.069	1.15	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	14.57	0.414	0.60	3.56	16.097	2.30	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	23.36	0.627	15.76	94.21	674.656	96.54	0.
7	26.00	0.193	16.72	99.99	698.822	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/30/2017 2:18:05 PM
Printed by: wet

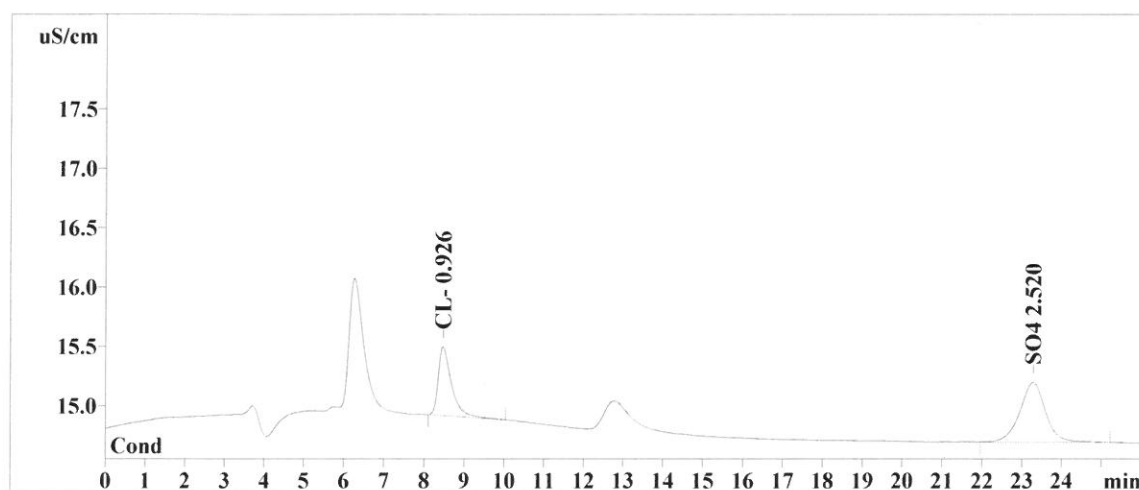
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File: _2017-10-28_

Last save: 10/30/2017 1:08:12 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59755

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	8.47	0.325	0.58	53.49	13.403	36.96	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	23.28	0.663	0.50	46.44	22.862	63.04	0.
7	26.00	0.141	1.09	99.93	36.265	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/30/2017 2:19:03 PM
Printed by: wet

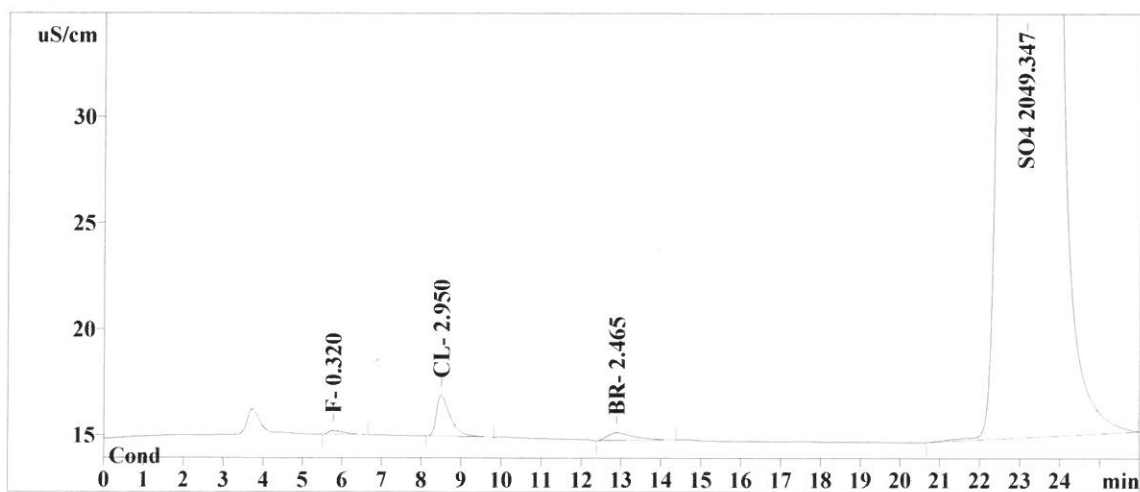
Ident: I6193-01
Analysis from: 10/28/2017 1:52:42 PM
File: _2017-10-28_

Last save: 10/30/2017 2:18:58 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59756

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	5.79	0.458	0.17	0.04	5.072	0.02	0.
2	8.50	0.342	1.91	0.40	45.433	0.18	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	12.89	0.707	0.36	0.08	17.198	0.07	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	23.13	0.834	471.33	99.48	24790.907	99.73	0.
7	26.00	0.334	473.78	100.00	24858.610	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/30/2017 2:19:17 PM
Printed by: wet

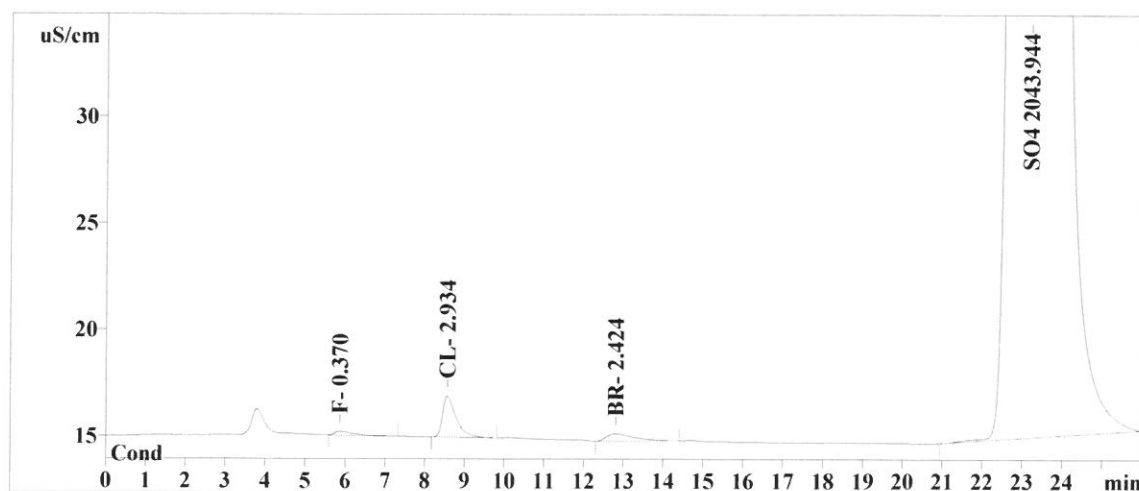
Ident: I6193-02
Analysis from: 10/28/2017 2:21:38 PM
File: _2017-10-28_

Last save: 10/28/2017 2:47:28 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59757

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	5.87	0.455	0.19	0.04	6.235	0.03	0.
2	8.57	0.340	1.92	0.41	45.176	0.18	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	12.82	0.737	0.35	0.07	16.924	0.07	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	23.21	0.831	469.02	99.48	24725.530	99.72	0.
7	26.00	0.338	471.48	100.00	24793.864	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/30/2017 2:25:08 PM
Printed by: wet

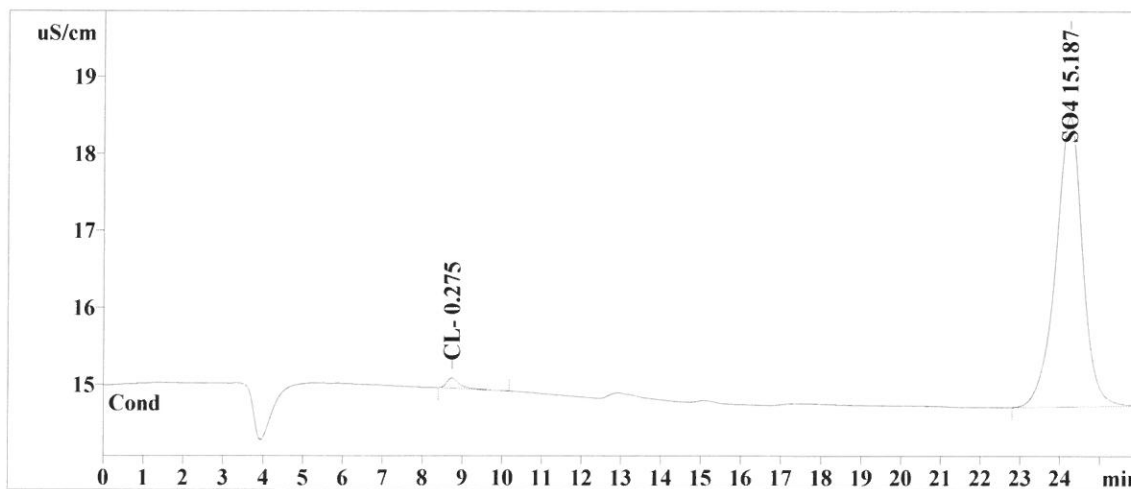
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Analysis from: 10/28/2017 2:50:33 PM
File: _2017-10-28_

Last save: 10/30/2017 2:20:22 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59758

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

SAMPLE: 5.13g
: 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	8.74	0.309	0.13	3.42	3.116	1.74	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	24.22	0.683	3.77	96.56	176.142	98.26	0.
7	26.00	0.142	3.90	99.97	179.258	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/30/2017 2:26:46 PM
Printed by: wet

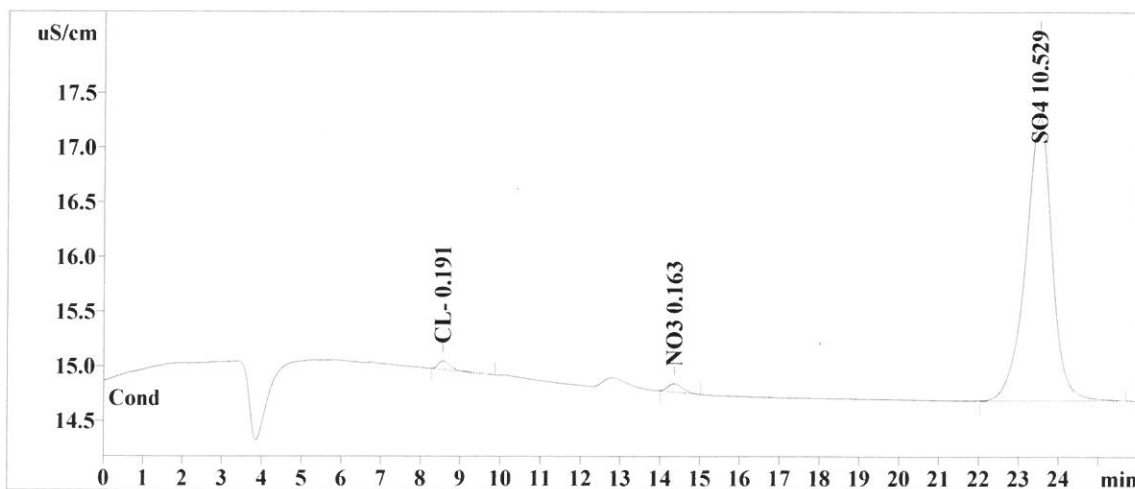
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Analysis from: 10/28/2017 3:19:29 PM
File: _2017-10-28_

Last save: 10/30/2017 1:08:12 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59759

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	8.56	0.306	0.08	2.92	1.784	1.44	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	14.37	0.413	0.08	2.77	1.998	1.62	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	23.50	0.670	2.59	94.26	119.776	96.94	0.
7	26.00	0.198	2.75	99.95	123.559	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/30/2017 2:27:38 PM
Printed by: wet

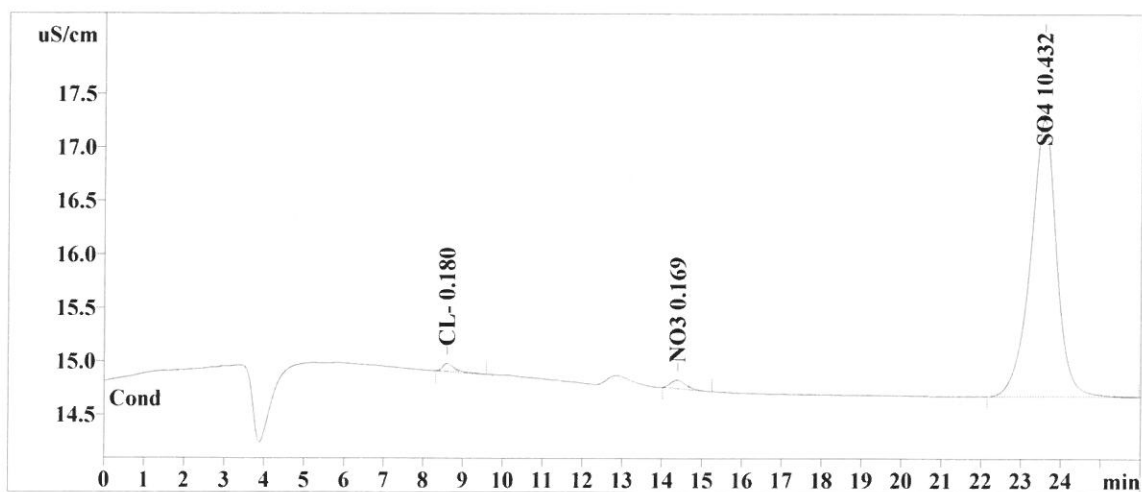
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Last save: 10/30/2017 1:08:12 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59760

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	8.60	0.302	0.08	2.76	1.612	1.32	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	14.39	0.426	0.08	2.93	2.237	1.83	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	23.56	0.664	2.59	94.23	118.604	96.86	0.
7	26.00	0.199	2.74	99.92	122.453	100.00	0.

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METROHM LTD

Report date: 10/30/2017 2:27:57 PM
Printed by: wet

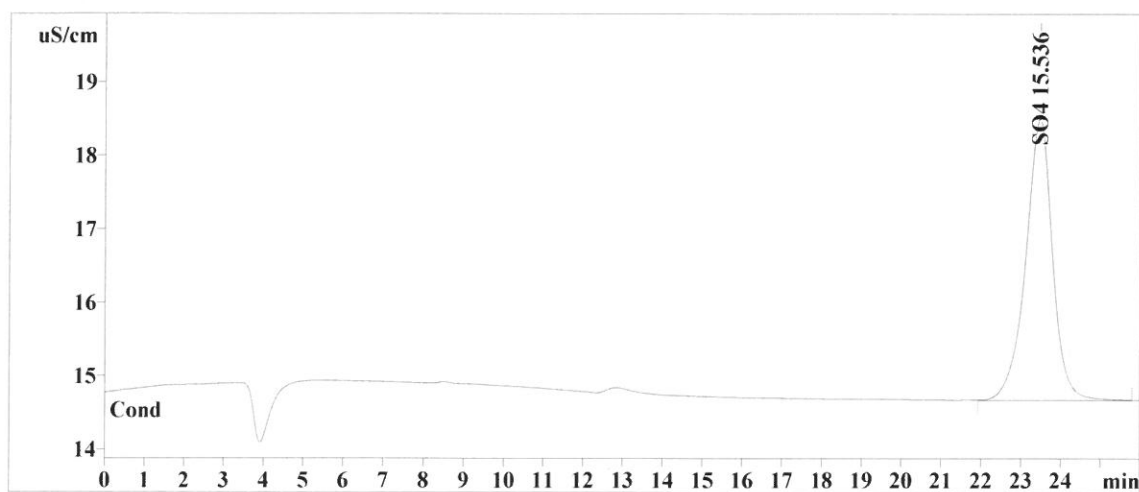
Ident: I6193-01DLX100
Analysis from: 10/28/2017 4:17:20 PM
File: _2017-10-28_

Last save: 10/30/2017 1:08:12 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59761

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	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	23.45	0.684	3.82	100.00	180.363	100.00	0.
7	26.00	0.098	3.82	100.00	180.363	100.00	0.

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METROHM LTD

Report date: 10/30/2017 2:28:04 PM
Printed by: wet

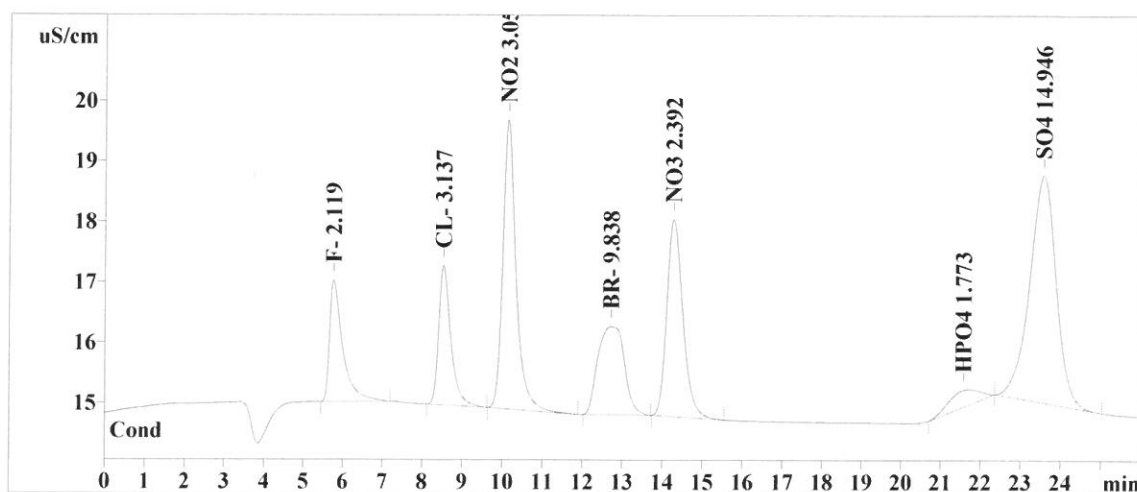
Ident: CCV
Analysis from: 10/28/2017 4:46:15 PM
File: _2017-10-28_

Last save: 10/28/2017 5:12:04 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59762

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	5.76	0.320	2.00	11.21	46.845	8.49	0.
2	8.52	0.300	2.31	12.94	48.377	8.77	0.
3	10.13	0.326	4.78	26.78	109.454	19.84	0.
4	12.71	0.755	1.46	8.18	67.484	12.23	0.
5	14.27	0.423	3.26	18.27	91.482	16.59	0.
6	21.54	0.876	0.28	1.57	14.711	2.67	0.
7	23.56	0.687	3.76	21.04	173.229	31.41	0.
7	26.00	0.527	17.85	99.99	551.581	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/30/2017 2:28:12 PM
Printed by: wet

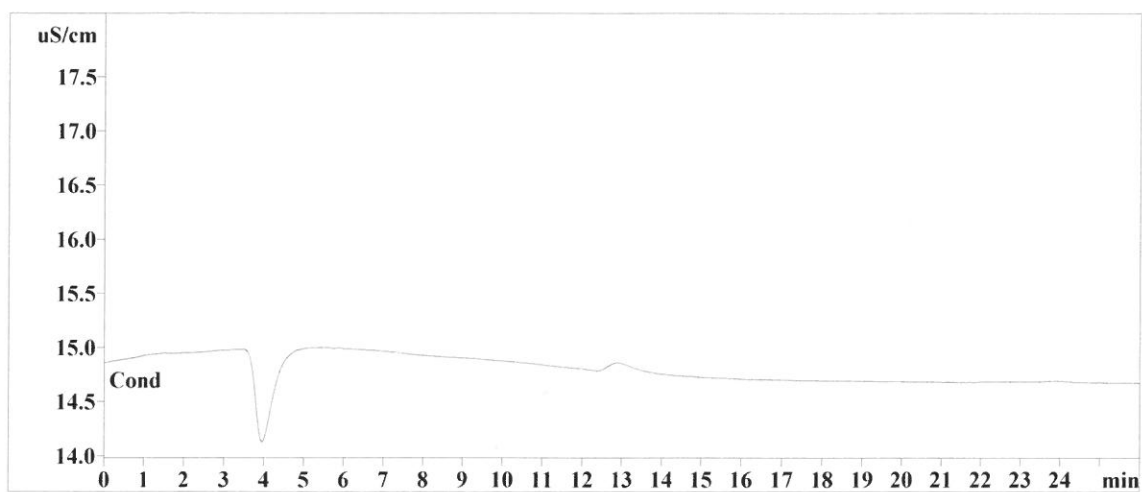
Ident: CCB
Analysis from: 10/28/2017 5:15:10 PM
File: _2017-10-28_

Last save: 10/30/2017 1:07:08 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59763

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: 10/30/2017 2:28:19 PM
Printed by: wet

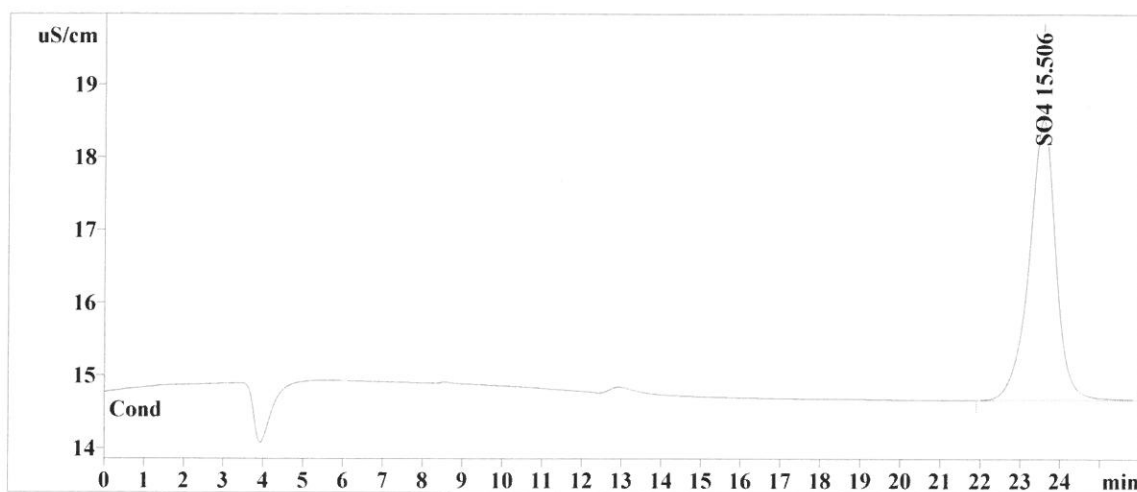
Ident: I6193-02DLX100
Analysis from: 10/28/2017 5:44:06 PM
File: _2017-10-28_

Last save: 10/30/2017 1:08:12 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59764

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	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	23.55	0.674	3.85	99.99	179.999	100.00	0.
7	26.00	0.096	3.85	99.99	179.999	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/30/2017 2:28:25 PM
Printed by: wet

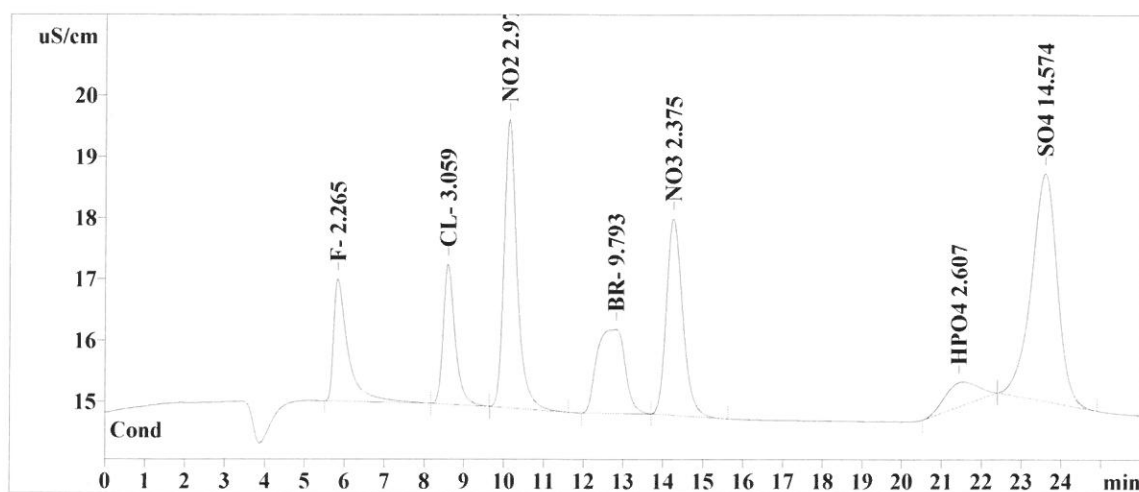
Ident: CCV
Analysis from: 10/28/2017 6:13:01 PM
File: _2017-10-28_

Last save: 10/28/2017 6:38:52 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59765

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	5.83	0.330	1.99	11.27	50.240	9.09	0.
2	8.58	0.298	2.28	12.93	47.149	8.53	0.
3	10.12	0.325	4.71	26.62	106.620	19.29	0.
4	12.81	0.801	1.37	7.77	67.175	12.15	0.
5	14.24	0.428	3.21	18.14	90.798	16.42	0.
6	21.42	0.929	0.39	2.23	22.103	4.00	0.
7	23.58	0.676	3.72	21.03	168.728	30.52	0.
7	26.00	0.541	17.67	99.99	552.812	100.00	0.

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METROHM LTD

Report date: 10/30/2017 2:28:51 PM
Printed by: wet

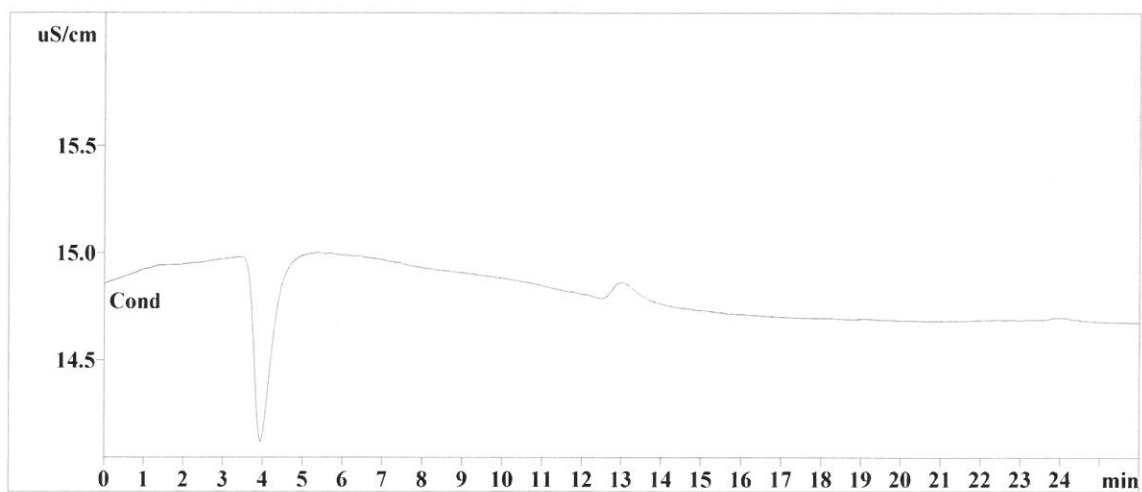
Ident: CCB
Analysis from: 10/28/2017 6:41:57 PM
File: _2017-10-28_

Last save: 10/30/2017 1:08:12 PM

Method: ANIONS 10-09-17.mtw
Run operator: wet
Analysis number: 59766

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