

IC-1 300.0

12-05-17 AK

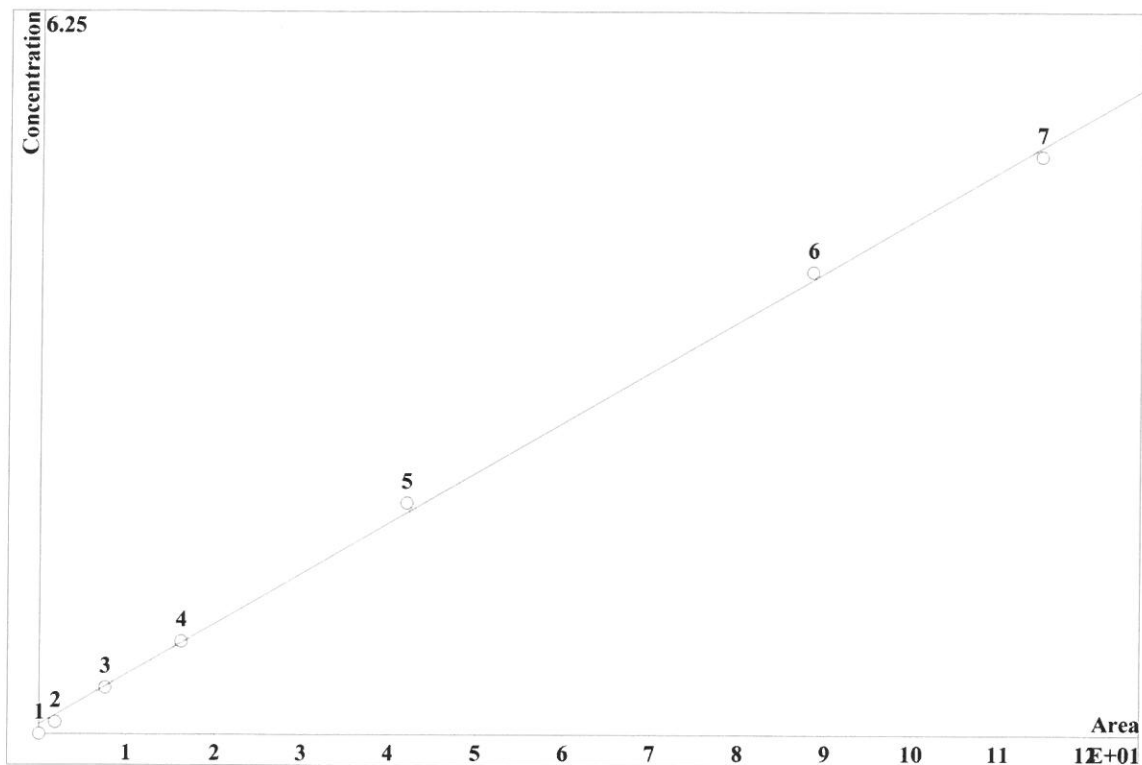
Clear table

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	2017-11-27_	11/27/17 11:32
STD2	0.1500	0.1500	0.2790	0.8240	0.0900	-0.2380	0.7500	2017-11-27_	11/27/17 12:03
STD3	0.3960	0.5800	0.6250	2.1100	0.4120	0.9000	2.7410	2017-11-27_	11/27/17 12:34
STD4	0.7630	1.1520	1.1400	3.9090	0.8630	2.2790	5.5390	2017-11-27_	11/27/17 13:06
STD5	1.8560	2.8160	2.8040	9.3220	2.3230	5.1620	14.9910	2017-11-27_	11/27/17 13:38
STD6	3.8510	5.7550	5.7860	19.1690	4.7860	9.5950	30.2710	2017-11-27_	11/27/17 14:10
STD7	5.0810	7.6500	7.6720	25.5580	6.4000	12.1040	38.4230	2017-11-27_	11/27/17 14:42
CCV	1.9370	2.9910	2.9180	9.6580	2.3910	5.6300	14.3140	2017-11-27_	11/27/17 15:14
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-11-27_	11/27/17 15:45
ICV	2.0210	2.9440	2.9700	9.7710	2.4360	5.9270	14.6470	2017-11-27_	11/27/17 16:17
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-11-27_	11/27/17 16:50
CCV	1.8670	2.9420	2.9510	9.6300	2.3910	5.0360	14.4250	2017-12-04_	12/4/17 11:21
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-12-04_	12/4/17 11:52
LB91921BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-12-04_	12/4/17 12:23
LB91921BSW	1.8940	2.8960	2.9430	9.6010	2.3880	5.3410	14.3430	2017-12-04_	12/4/17 12:54
I6720-01	0.5640	183.3010	0.0000	0.7780	0.0000	0.0000	0.9160	2017-12-04_	12/4/17 13:24
I6720-02	0.4070	92.9990	0.0000	0.6580	0.0000	0.0000	1.4460	2017-12-04_	12/4/17 13:55
I6720-03	0.4180	90.4310	0.0000	0.6580	0.0000	0.0000	1.5870	2017-12-04_	12/4/17 14:26
I6720-03DUP	0.4190	90.9200	0.0000	0.6570	0.0000	0.0000	1.5750	2017-12-04_	12/4/17 14:58
I6720-03MS	2.6120	85.1510	3.5570	10.4460	2.5720	7.2470	17.3180	2017-12-04_	12/4/17 15:29
I6720-01DLX50	0.0000	2.6700	0.0000	0.0000	0.0000	0.0000	0.0000	2017-12-04_	12/4/17 16:00
I6720-02DLX20	0.0000	3.5680	0.0000	0.0000	0.0000	0.0000	0.0000	2017-12-04_	12/4/17 16:31
I6720-03DLX20	0.0000	3.4640	0.0000	0.0000	0.0000	0.0000	0.0000	2017-12-04_	12/4/17 17:02
CCV	1.7800	2.8810	2.9750	9.5730	2.3800	3.7220	14.1790	2017-12-04_	12/4/17 17:32
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-12-04_	12/4/17 18:03

CALIBRATION OF COMPONENT F-

IC-1 cal
11-27-17

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

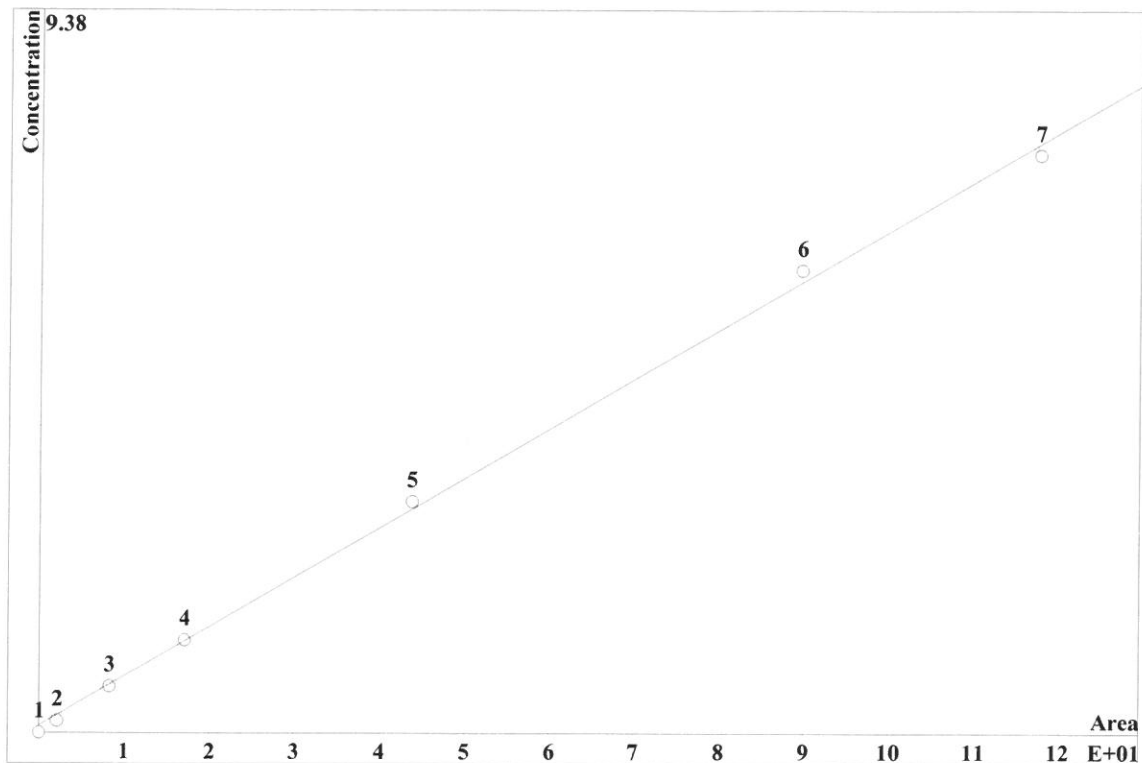


K3 = 0 K2 = 0 K1 = 0.870996 K0 = 1.69819
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

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

CALIBRATION OF COMPONENT CL-

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



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

Base: Area

Ref.channel: Cond

ISTD:

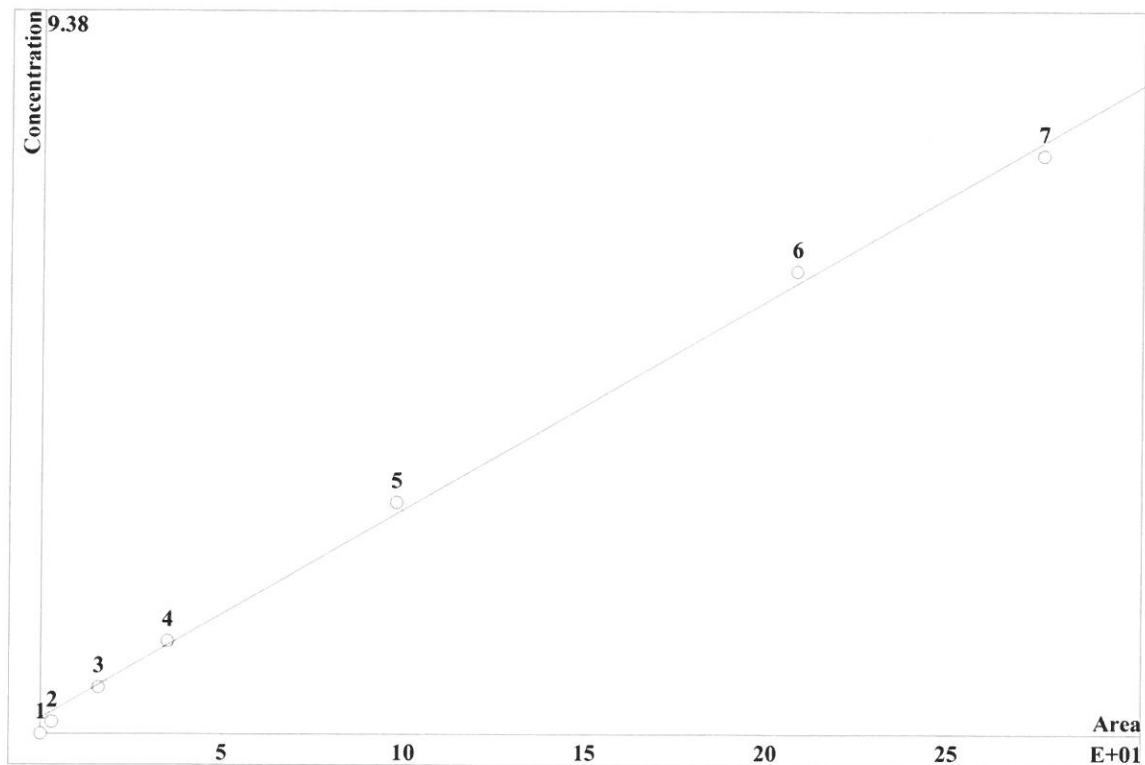
Formula: Linear

Weight: 1

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

CALIBRATION OF COMPONENT NO2

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



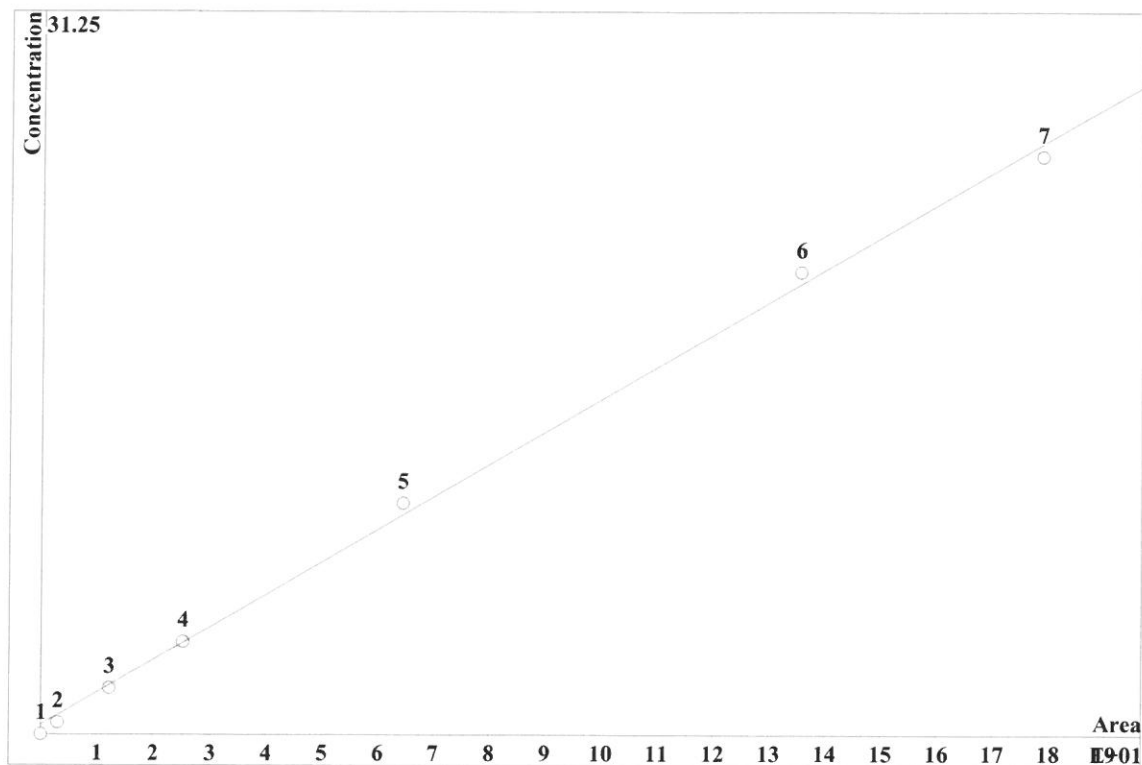
K3 = 0 K2 = 0 K1 = 0.541172 K0 = 4.09824
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

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

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CALIBRATION OF COMPONENT BR-

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



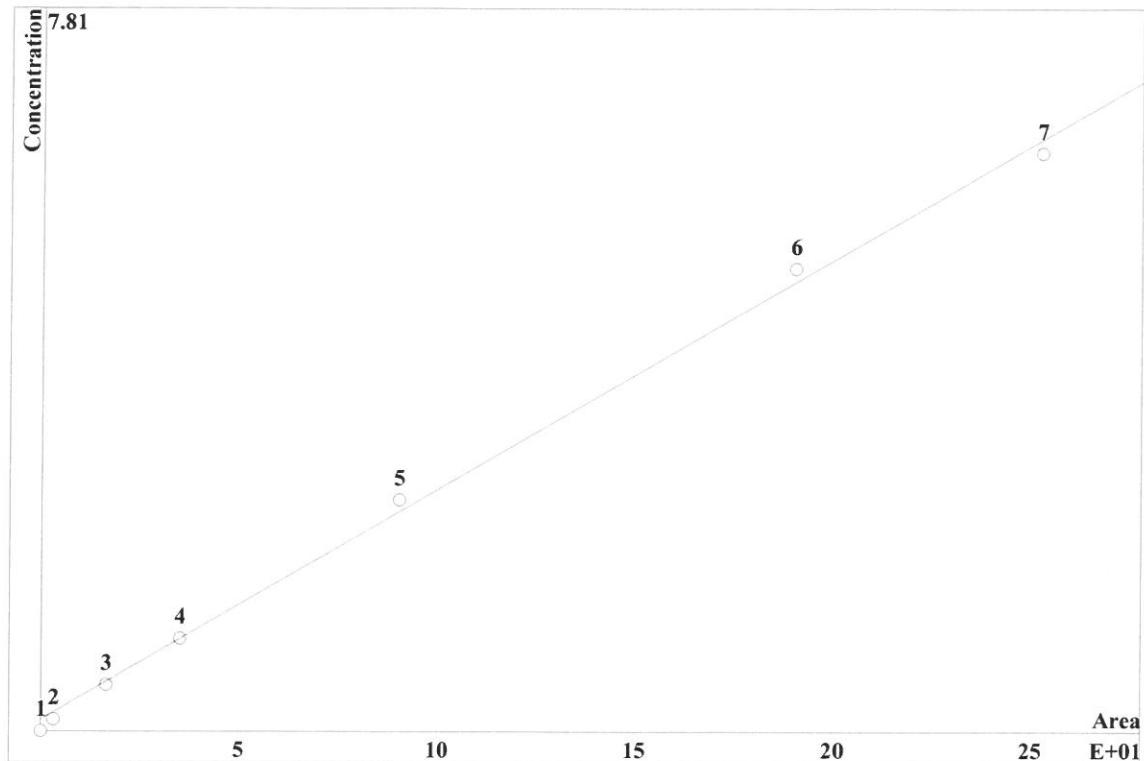
K3 = 0 K2 = 0 K1 = 2.81405 K0 = 8.50897

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

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

CALIBRATION OF COMPONENT NO3

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



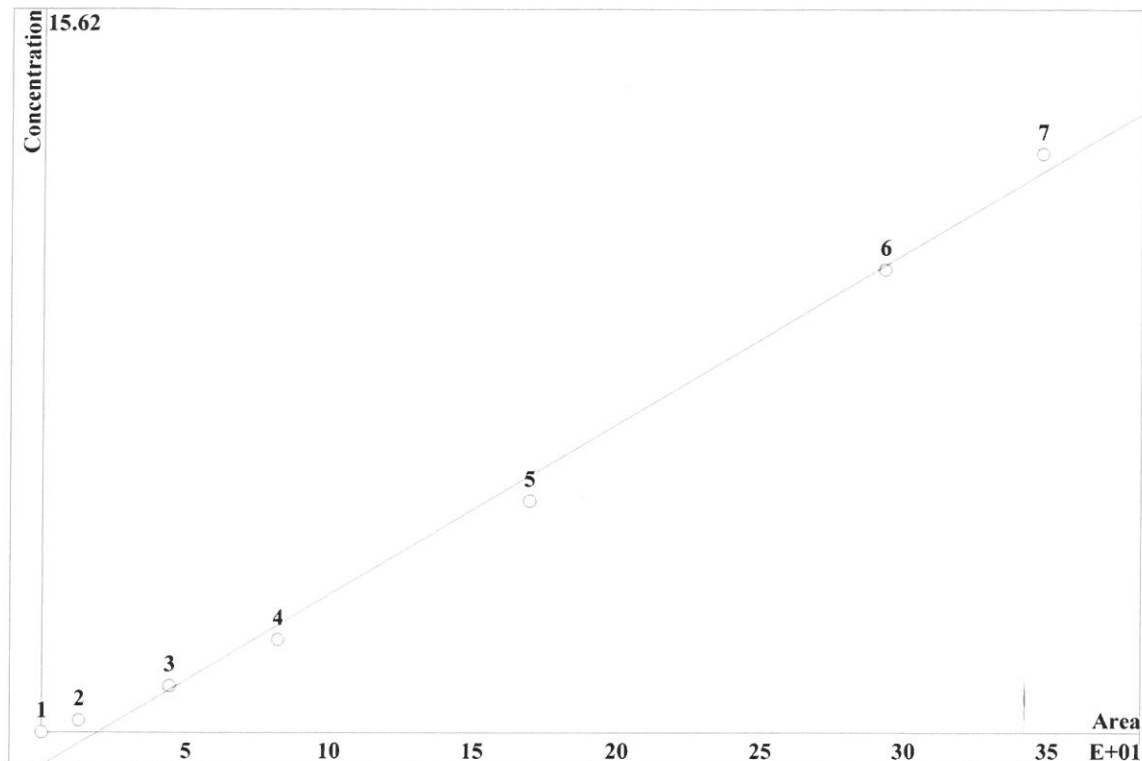
K3 = 0 K2 = 0 K1 = 0.496402 K0 = 2.59538

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

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

CALIBRATION OF COMPONENT HPO4

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

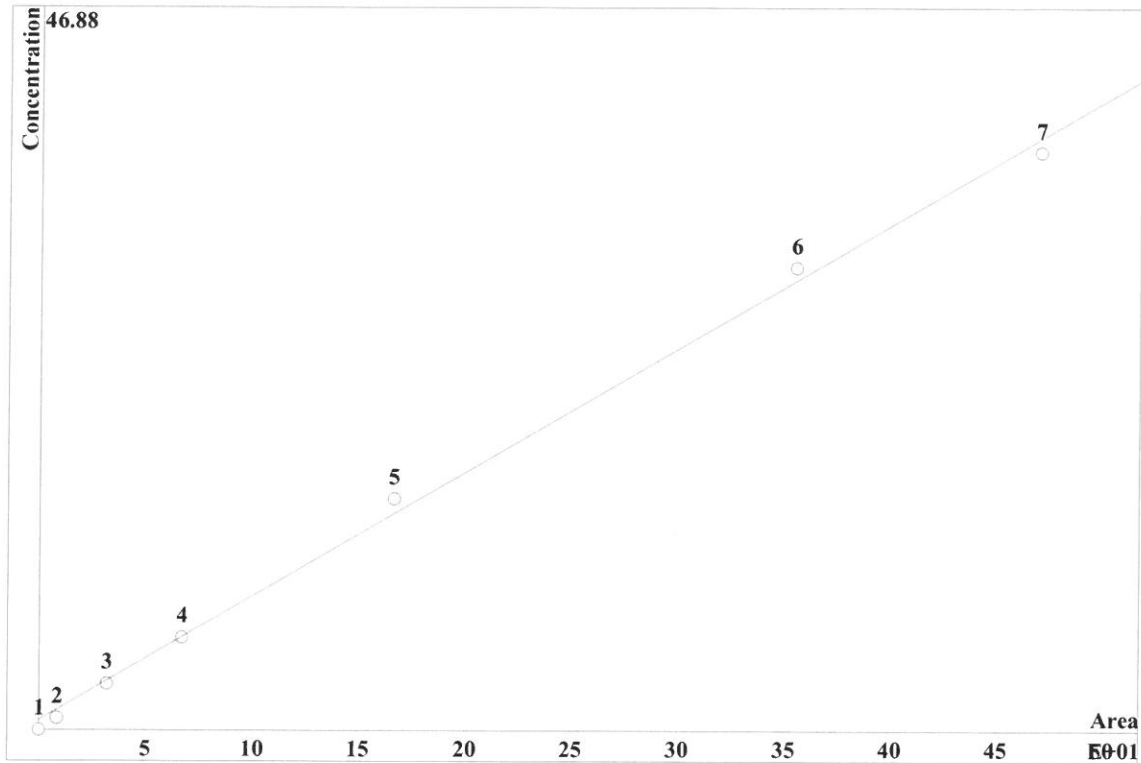


K3 = 0 K2 = 0 K1 = 0.737079 K0 = -14.1849
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

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

CALIBRATION OF COMPONENT SO4

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



K3 = 0 K2 = 0 K1 = 1.60597 K0 = 13.1024
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

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

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

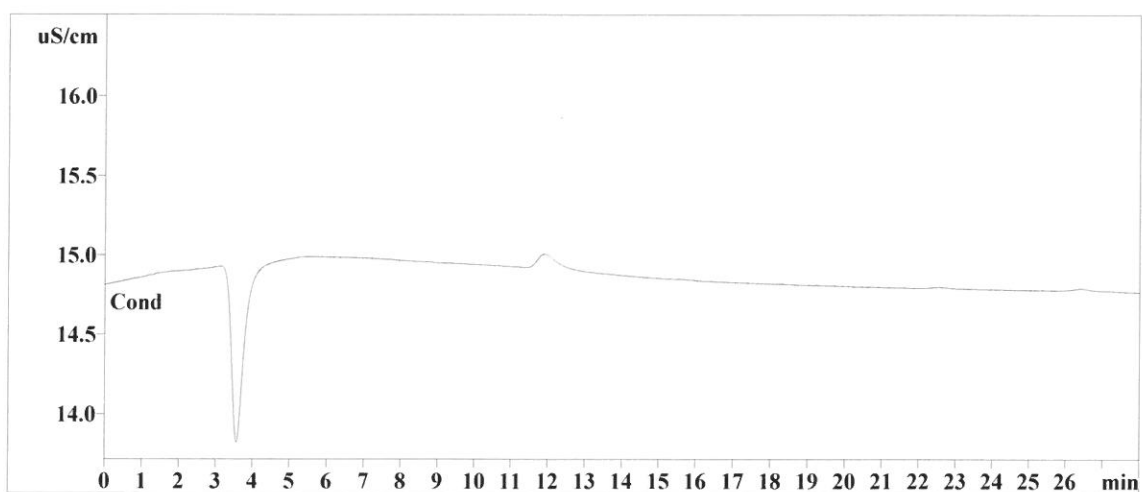
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Analysis from: 11/27/2017 11:32:42 AM
File: _2017-11-27_

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

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

Last save: 11/27/2017 11:40:12 AM

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



Quantitation method: Custom

No peaks

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Report date: 11/28/2017 9:38:56 AM
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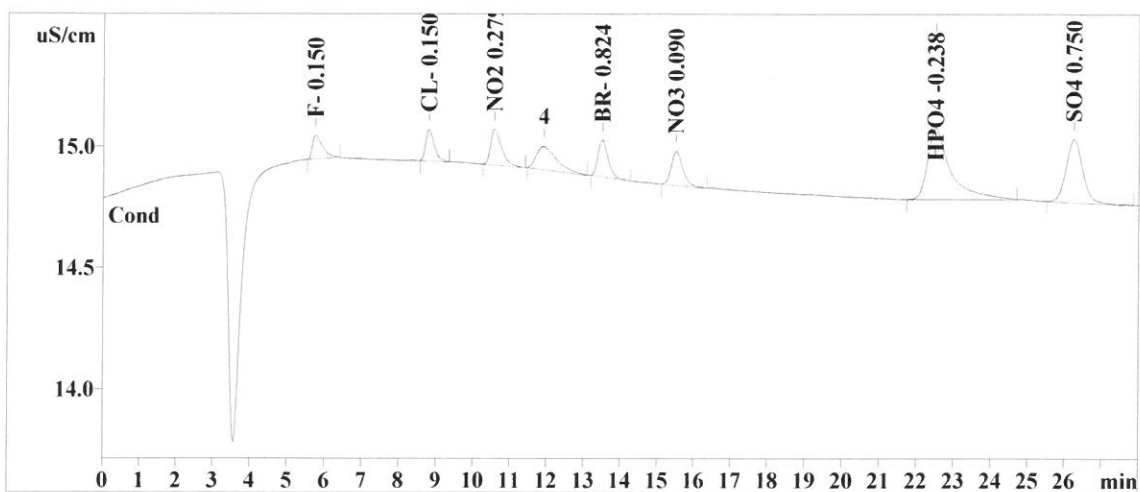
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File: _2017-11-27_

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

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

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

SAMPLE:
: AP/AK
Vial number: 3
Volume: 20.0 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	5.75	0.278	0.10	7.33	1.813	4.79	0.
2	8.79	0.245	0.13	9.74	2.093	5.53	0.
3	10.57	0.311	0.15	11.17	3.079	8.14	0.
4	13.49	0.291	0.15	11.46	2.936	7.76	0.
5	15.50	0.333	0.14	10.61	3.122	8.25	0.
6	22.51	0.548	0.29	22.27	12.766	33.75	0.
7	26.25	0.476	0.26	19.74	8.348	22.07	0.
7	28.00	0.354	1.22	92.32	34.157	90.29	0.

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Report date: 11/28/2017 9:39:05 AM
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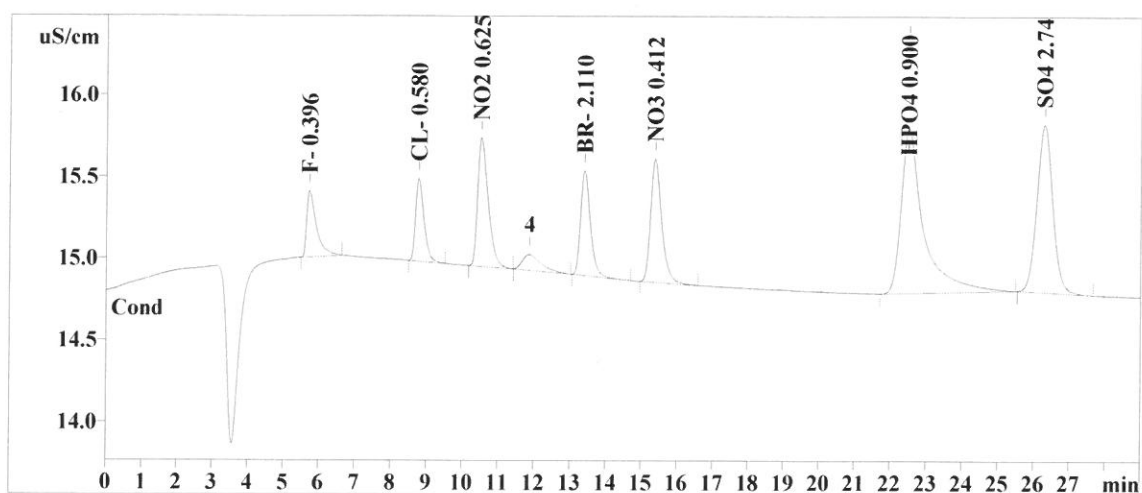
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File: _2017-11-27_

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

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

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

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.74	0.262	0.40	7.72	7.546	5.38	0.
2	8.77	0.247	0.51	9.68	8.305	5.93	0.
3	10.53	0.307	0.79	15.07	16.021	11.43	0.
4	13.40	0.282	0.64	12.26	12.193	8.70	0.
5	15.37	0.322	0.75	14.42	16.401	11.70	0.
6	22.51	0.545	1.01	19.28	44.233	31.56	0.
7	26.29	0.471	1.02	19.63	31.909	22.77	0.
7	29.00	0.348	5.12	98.07	136.607	97.48	0.

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

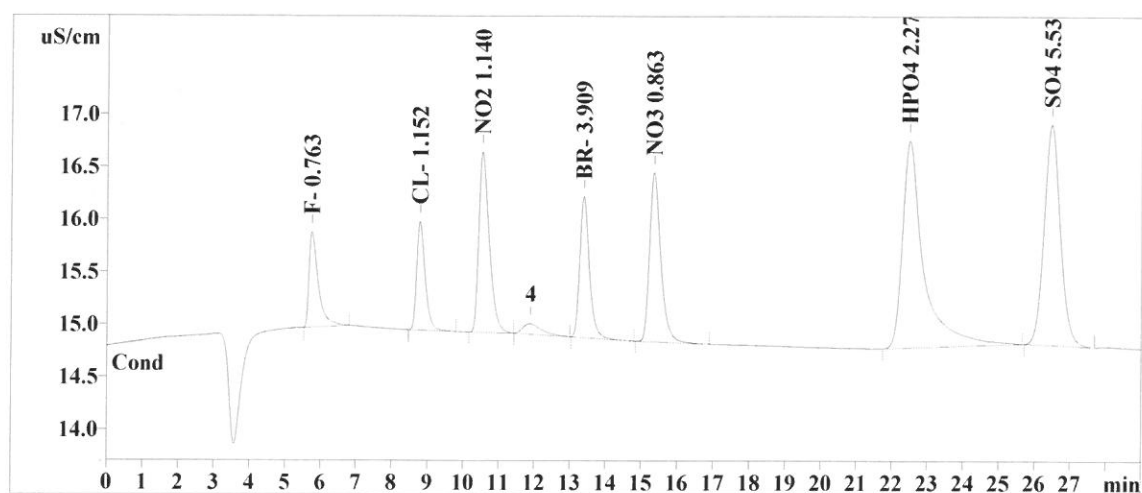
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File: _2017-11-27_

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

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

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

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



Quantitation method: Custom

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

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

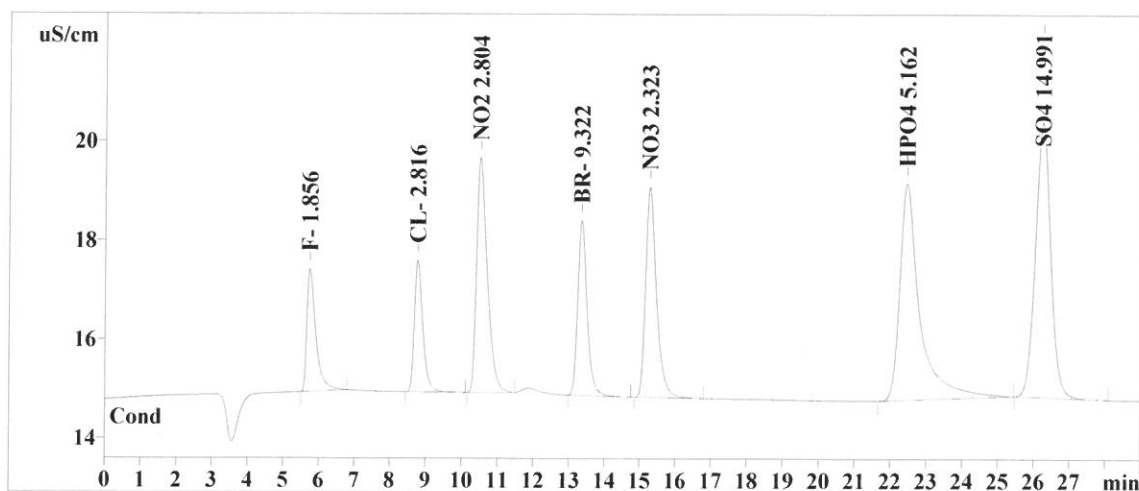
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File: _2017-11-27_

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

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

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

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.74	0.242	2.47	8.96	42.064	6.23	0.
2	8.77	0.245	2.65	9.63	43.750	6.48	0.
3	10.50	0.311	4.73	17.19	98.040	14.51	0.
4	13.35	0.271	3.53	12.81	64.542	9.55	0.
5	15.27	0.313	4.24	15.41	90.474	13.39	0.
6	22.45	0.491	4.36	15.85	169.784	25.13	0.
7	26.24	0.454	5.54	20.14	166.874	24.70	0.
7	29.00	0.332	27.52	100.00	675.528	100.00	0.

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

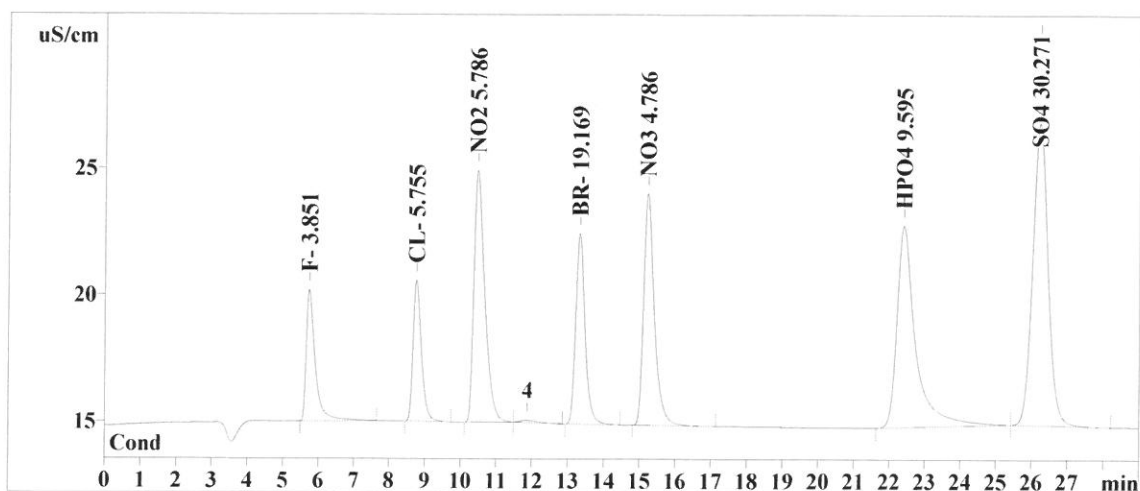
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File: _2017-11-27_

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

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

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

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.74	0.234	5.18	9.03	88.381	6.48	0.
2	8.75	0.240	5.57	9.71	89.653	6.57	0.
3	10.46	0.314	9.95	17.35	208.325	15.28	0.
4	13.33	0.267	7.52	13.12	135.456	9.93	0.
5	15.21	0.302	9.15	15.96	190.431	13.97	0.
6	22.40	0.477	7.95	13.86	293.188	21.50	0.
7	26.21	0.448	11.92	20.80	355.226	26.05	0.
7	29.00	0.326	57.23	99.84	1360.661	99.79	0.

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

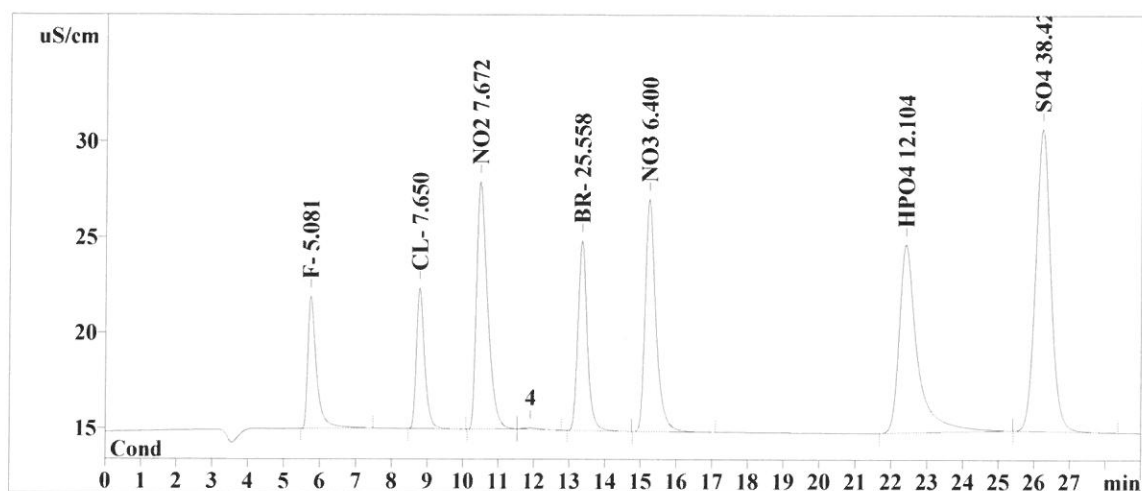
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Analysis from: 11/27/2017 2:42:07 PM
File: _2017-11-27_

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

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

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

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.74	0.231	6.89	9.20	114.717	6.52	0.
2	8.77	0.238	7.35	9.81	117.747	6.69	0.
3	10.47	0.321	12.92	17.26	275.970	15.68	0.
4	13.35	0.267	9.90	13.22	178.622	10.15	0.
5	15.22	0.303	12.12	16.19	252.612	14.35	0.
6	22.39	0.460	9.84	13.13	347.672	19.75	0.
7	26.21	0.448	15.78	21.07	470.346	26.72	0.
7	29.00	0.324	74.80	99.88	1757.686	99.86	0.

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

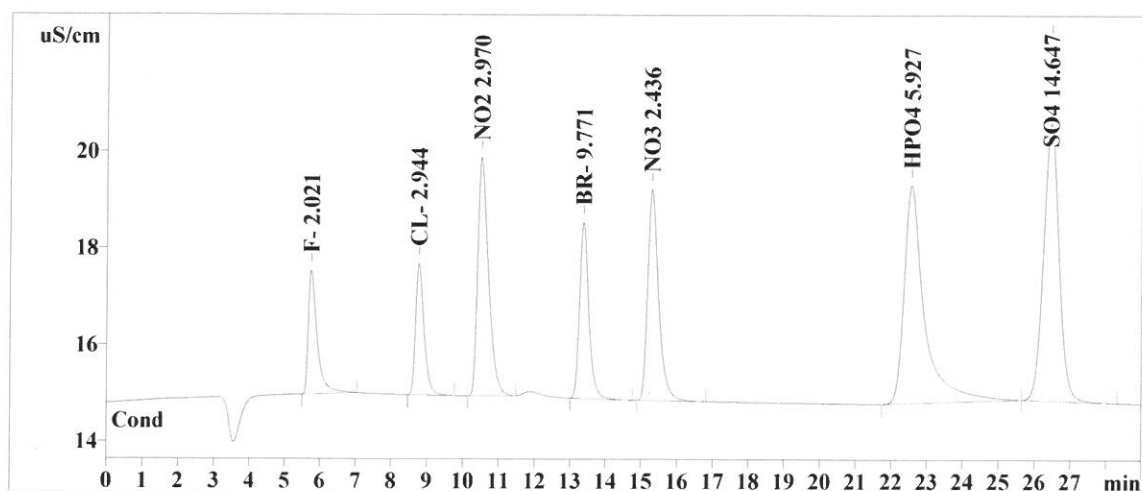
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Analysis from: 11/27/2017 4:17:50 PM
File: _2017-11-27_

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

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

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

SAMPLE:
: AK/AP
Vial number: 11
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.74	0.242	2.56	8.98	44.446	6.31	0.
2	8.77	0.244	2.72	9.56	44.405	6.30	0.
3	10.50	0.312	4.93	17.32	102.198	14.50	0.
4	13.36	0.270	3.64	12.79	66.421	9.43	0.
5	15.28	0.312	4.37	15.35	92.931	13.19	0.
6	22.55	0.506	4.50	15.82	180.069	25.55	0.
7	26.44	0.458	5.74	20.17	174.252	24.73	0.
7	29.00	0.335	28.45	99.99	704.722	100.00	0.

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

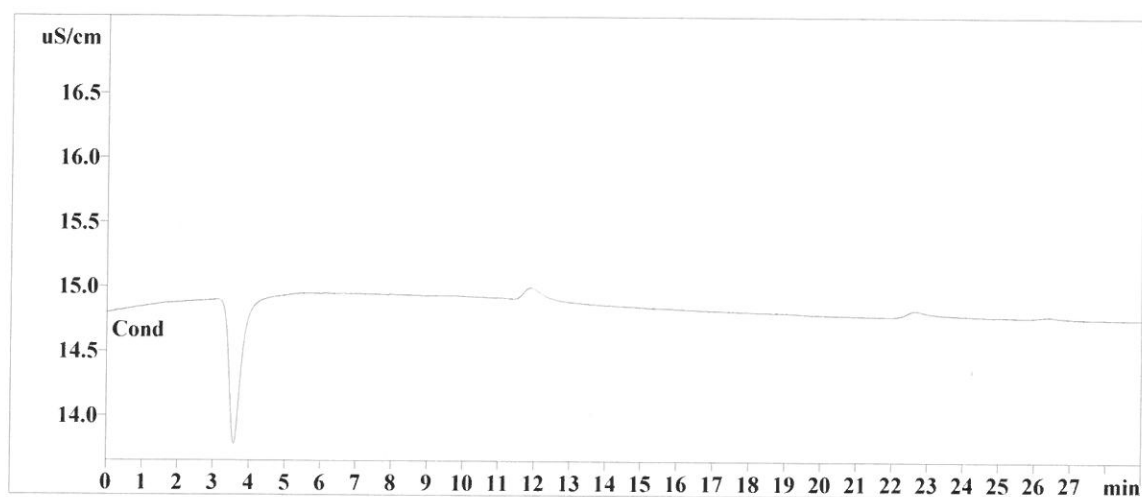
Ident: ICB
Analysis from: 11/27/2017 4:50:22 PM
File: _2017-11-27_

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

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

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

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 12/5/2017 10:27:51 AM
Printed by: wet

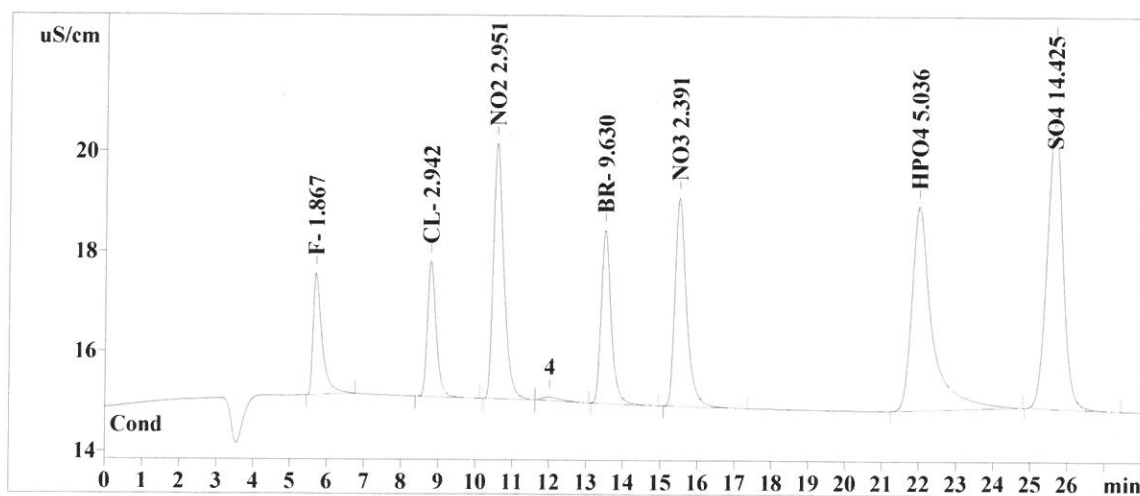
Ident: CCV
Analysis from: 12/4/2017 11:21:22 AM
File: _2017-12-04_

Last save: 12/4/2017 11:49:10 AM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60188

Last save: 12/1/2017 10:54:54 AM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.68	0.237	2.43	8.77	40.915	6.08	0.
2	8.77	0.242	2.71	9.77	44.370	6.59	0.
3	10.55	0.297	5.11	18.43	101.474	15.07	0.
4	13.50	0.278	3.46	12.46	65.416	9.72	0.
5	15.47	0.318	4.17	15.02	91.120	13.53	0.
6	21.99	0.487	4.07	14.70	155.900	23.15	0.
7	25.63	0.453	5.70	20.57	171.485	25.47	0.
7	28.00	0.330	27.65	99.72	670.681	99.61	0.

This report has been created by IC Net
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Report date: 12/5/2017 10:28:15 AM
Printed by: wet

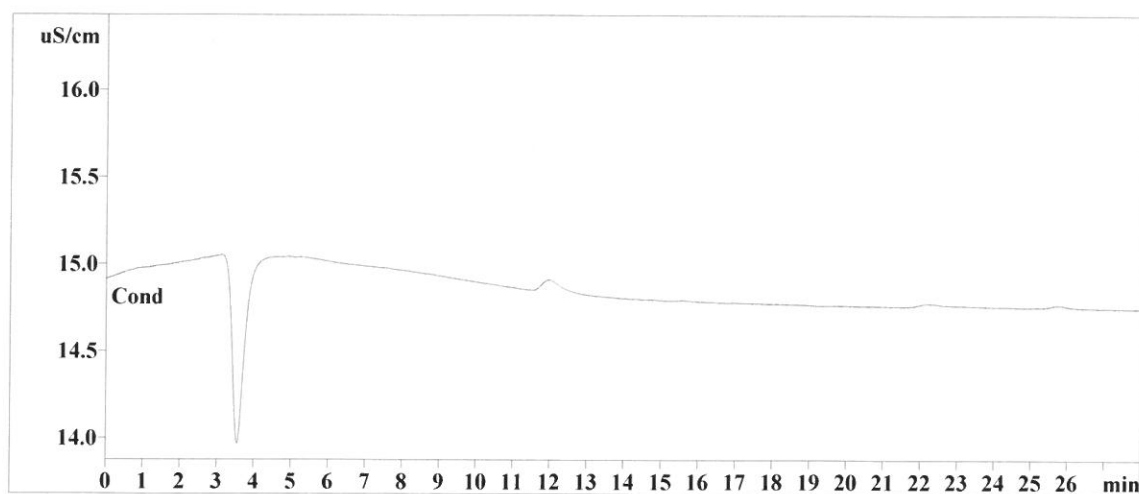
Ident: CCB
Analysis from: 12/4/2017 11:52:16 AM
File: _2017-12-04_

Last save: 12/5/2017 10:28:12 AM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60189

Last save: 12/1/2017 10:54:54 AM

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 12/5/2017 10:28:34 AM
Printed by: wet

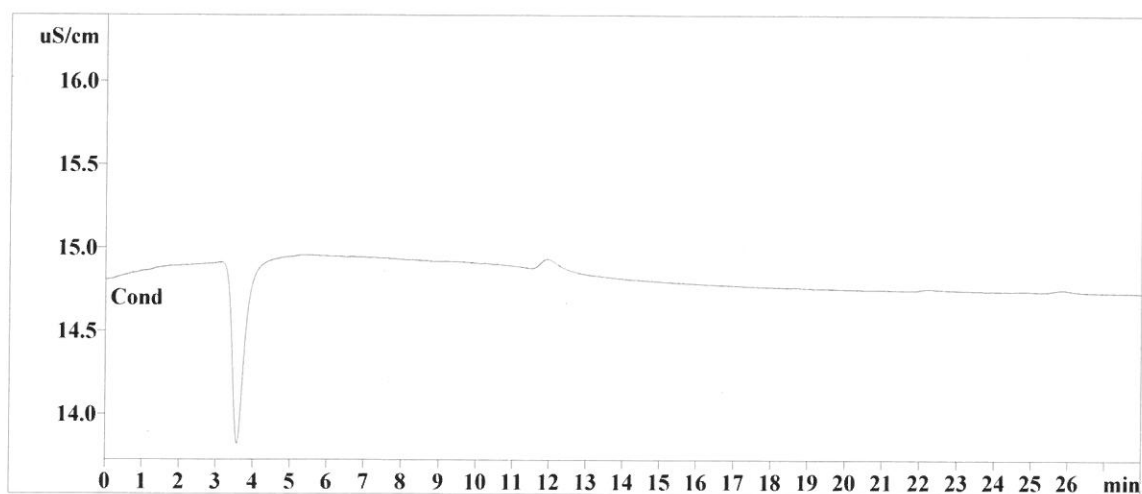
Ident: LB91921BLW
Analysis from: 12/4/2017 12:23:11 PM
File: _2017-12-04_

Last save: 12/5/2017 10:28:32 AM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60190

Last save: 12/1/2017 10:54:54 AM

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 12/5/2017 10:28:47 AM
Printed by: wet

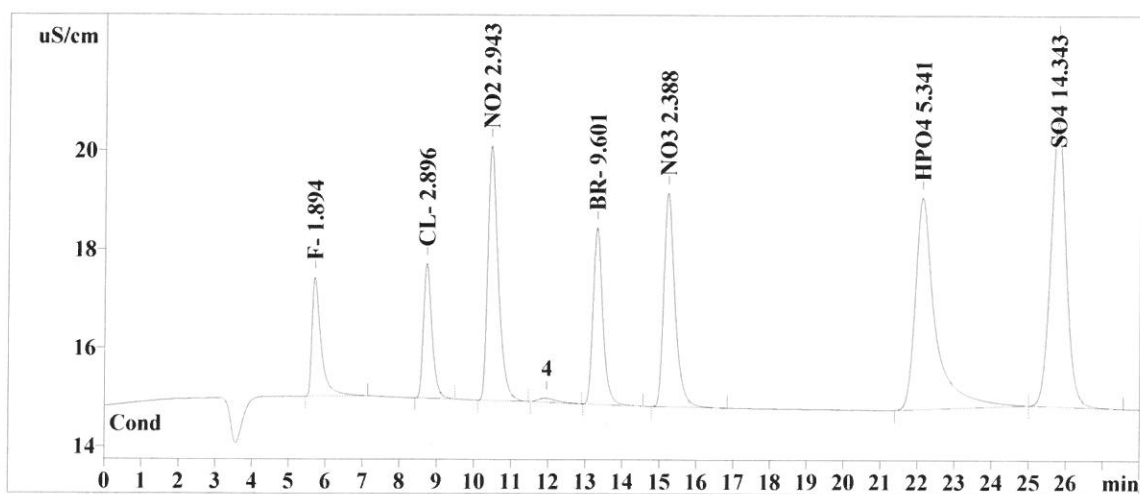
Ident: LB91921BSW
Analysis from: 12/4/2017 12:54:05 PM
File: _2017-12-04_

Last save: 12/4/2017 4:49:00 PM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60191

Last save: 12/1/2017 10:54:54 AM

SAMPLE:
: AK/AP
Vial number: 5
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	5.70	0.236	2.41	8.49	41.550	6.11	0.
2	8.72	0.239	2.73	9.63	43.655	6.42	0.
3	10.45	0.293	5.17	18.22	101.174	14.88	0.
4	13.30	0.269	3.58	12.61	65.211	9.59	0.
5	15.21	0.307	4.33	15.28	90.992	13.38	0.
6	22.12	0.486	4.29	15.13	164.169	24.14	0.
7	25.76	0.445	5.77	20.34	170.459	25.06	0.
7	28.00	0.325	28.27	99.70	677.210	99.58	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/5/2017 10:30:04 AM
Printed by: wet

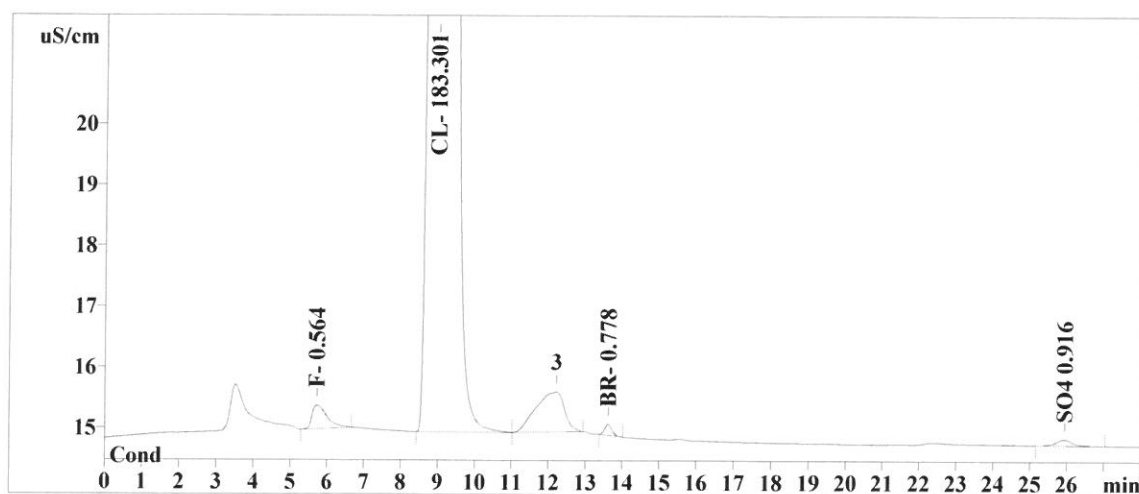
Ident: I6720-01
Analysis from: 12/4/2017 1:24:59 PM
File: _2017-12-04_

Last save: 12/4/2017 2:27:46 PM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60192

Last save: 12/1/2017 10:54:54 AM

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	5.72	0.426	0.39	0.46	11.012	0.38	0.
2	8.98	0.559	83.32	98.43	2855.392	98.21	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.62	0.214	0.18	0.21	2.507	0.09	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.94	0.461	0.10	0.12	3.254	0.11	0.
7	28.00	0.237	83.99	99.22	2872.165	98.78	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/5/2017 10:30:34 AM
Printed by: wet

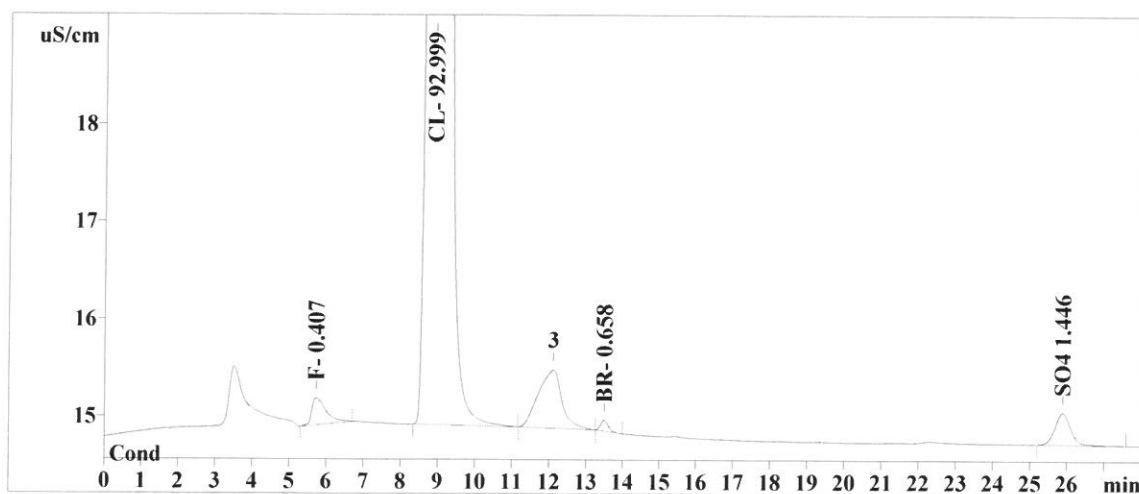
Ident: I6720-02
Analysis from: 12/4/2017 1:55:54 PM
File: _2017-12-04_

Last save: 12/4/2017 2:27:46 PM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60193

Last save: 12/1/2017 10:54:54 AM

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	5.73	0.380	0.28	0.51	7.393	0.50	0.
2	8.90	0.438	52.85	97.57	1447.978	96.97	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.50	0.227	0.11	0.21	1.654	0.11	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.89	0.447	0.33	0.60	9.852	0.66	0.
7	28.00	0.213	53.57	98.89	1466.876	98.24	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/5/2017 10:31:15 AM
Printed by: wet

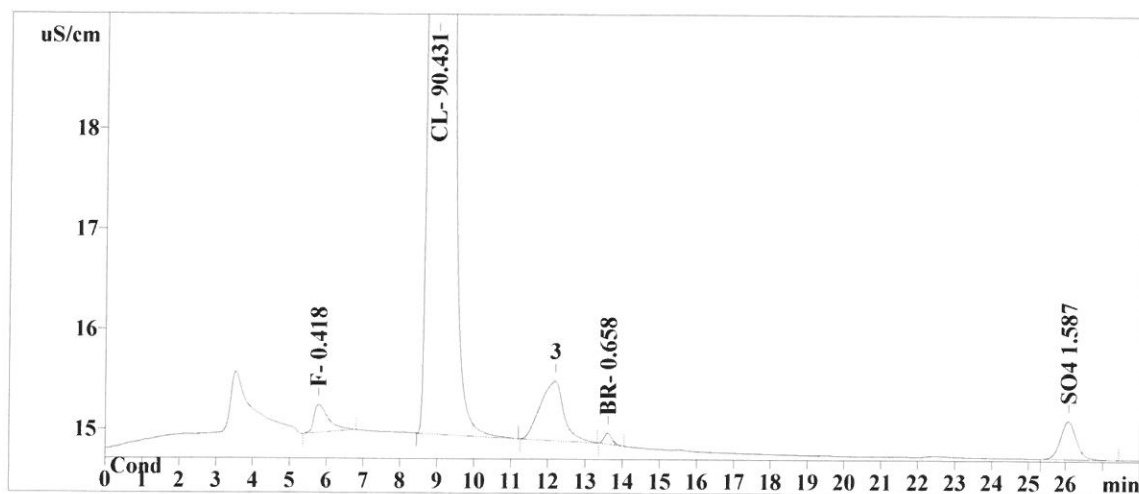
Ident: I6720-03
Analysis from: 12/4/2017 2:26:48 PM
File: _2017-12-04_

Last save: 12/4/2017 2:54:38 PM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60194

Last save: 12/1/2017 10:54:54 AM

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	5.78	0.385	0.28	0.53	7.644	0.53	0.
2	8.98	0.441	51.05	97.40	1407.940	96.76	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.61	0.227	0.11	0.21	1.656	0.11	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.08	0.459	0.38	0.72	11.607	0.80	0.
7	28.00	0.216	51.82	98.86	1428.847	98.20	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/5/2017 10:31:31 AM
Printed by: wet

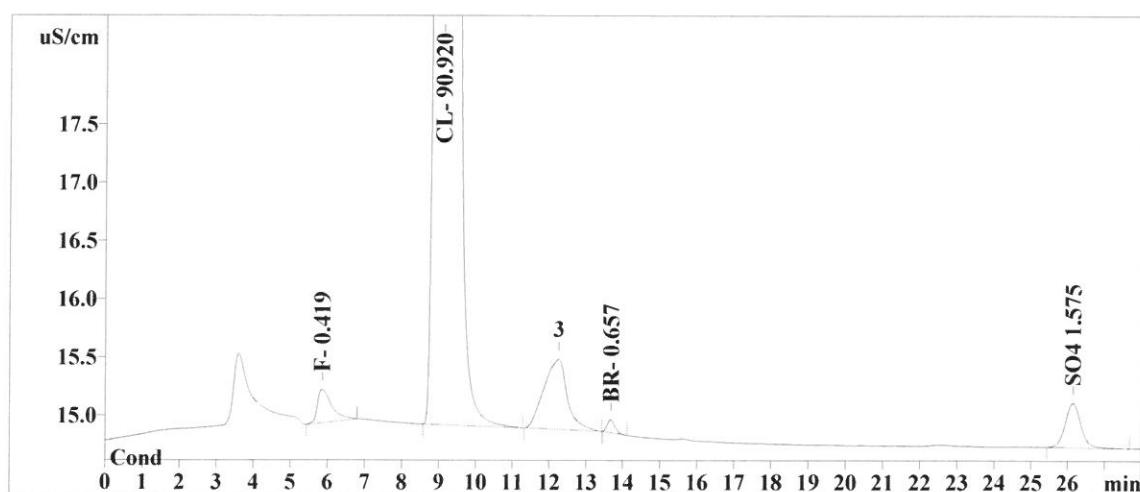
Ident: I6720-03DUP
Analysis from: 12/4/2017 2:58:24 PM
File: _2017-12-04_

Last save: 12/4/2017 3:26:12 PM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60195

Last save: 12/1/2017 10:54:54 AM

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	5.85	0.383	0.29	0.54	7.668	0.52	0.
2	9.10	0.437	51.74	97.39	1415.572	96.76	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.68	0.225	0.11	0.21	1.646	0.11	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.15	0.446	0.38	0.72	11.459	0.78	0.
7	28.00	0.213	52.52	98.86	1436.344	98.18	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/5/2017 10:32:43 AM
Printed by: wet

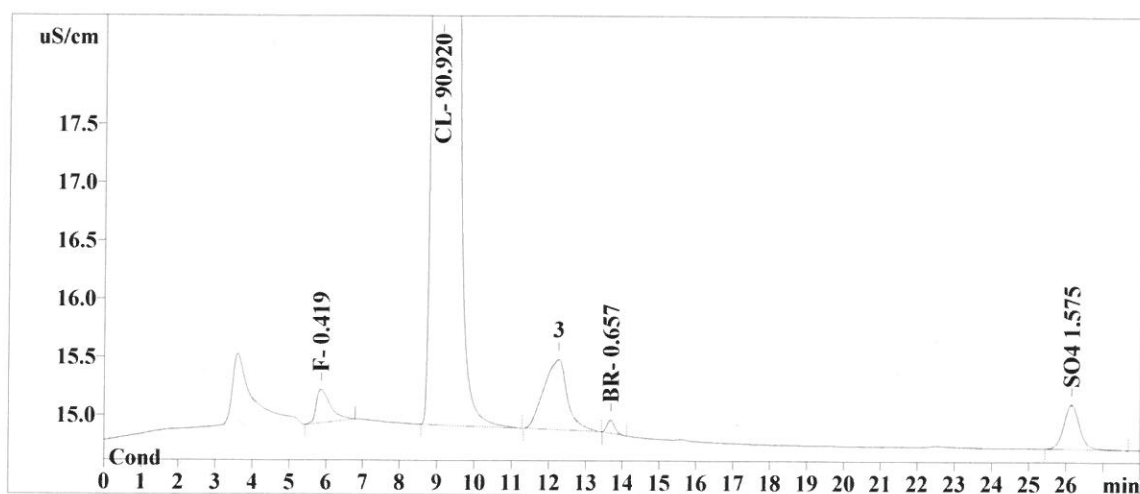
Ident: I6720-03DUP
Analysis from: 12/4/2017 2:58:24 PM
File: _2017-12-04_

Last save: 12/4/2017 3:26:12 PM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60195

Last save: 12/1/2017 10:54:54 AM

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	5.85	0.383	0.29	0.54	7.668	0.52	0.
2	9.10	0.437	51.74	97.39	1415.572	96.76	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.68	0.225	0.11	0.21	1.646	0.11	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.15	0.446	0.38	0.72	11.459	0.78	0.
7	28.00	0.213	52.52	98.86	1436.344	98.18	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/5/2017 10:35:41 AM
Printed by: wet

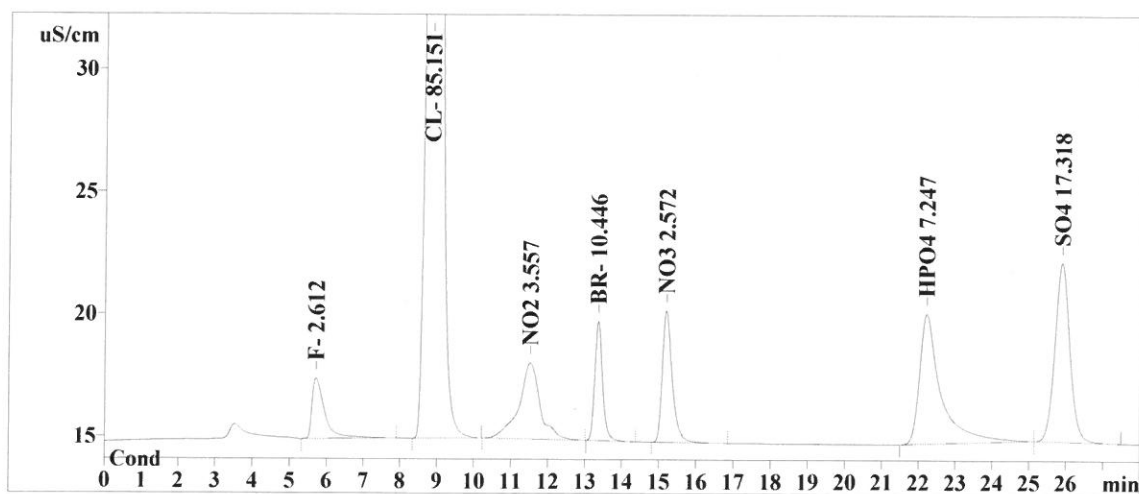
Ident: I6720-03MS
Analysis from: 12/4/2017 3:29:18 PM
File: _2017-12-04_

Last save: 12/4/2017 3:57:06 PM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60196

Last save: 12/1/2017 10:54:54 AM

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	5.71	0.320	2.47	3.05	58.025	2.76	0.
2	8.85	0.402	52.48	64.88	1325.647	63.11	0.
3	11.52	0.503	3.11	3.84	123.894	5.90	0.
4	13.35	0.217	4.86	6.01	71.221	3.39	0.
5	15.19	0.266	5.37	6.63	98.404	4.68	0.
6	22.21	0.497	5.30	6.55	215.883	10.28	0.
7	25.88	0.429	7.30	9.03	207.517	9.88	0.
7	28.00	0.376	80.89	100.00	2100.591	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/5/2017 10:44:59 AM
Printed by: wet

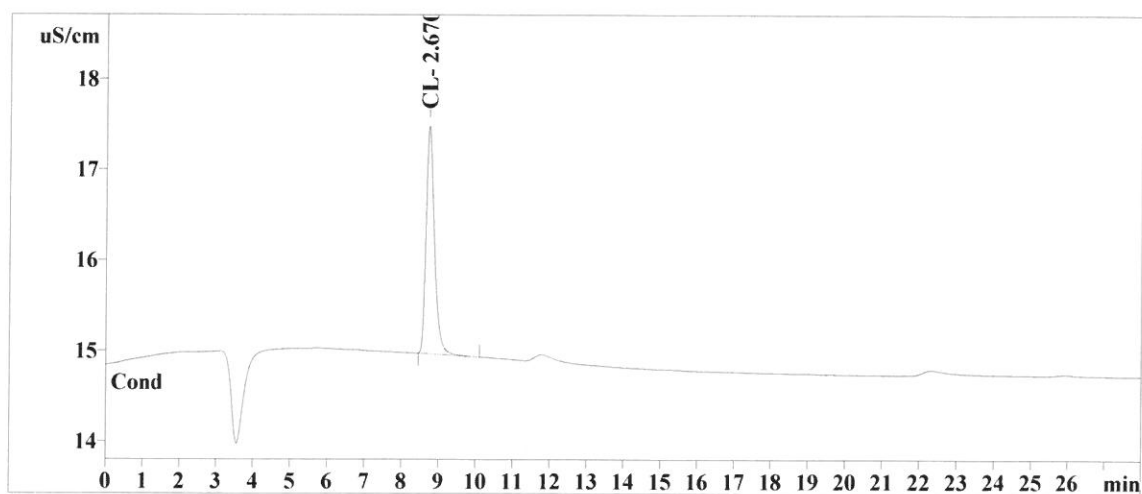
Ident: I6720-01DLX50
Analysis from: 12/4/2017 4:00:12 PM
File: _2017-12-04_

Last save: 12/5/2017 10:44:58 AM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60197

Last save: 12/1/2017 10:54:54 AM

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	8.72	0.238	2.51	99.99	40.127	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	28.00	0.034	2.51	99.99	40.127	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/5/2017 10:39:14 AM
Printed by: wet

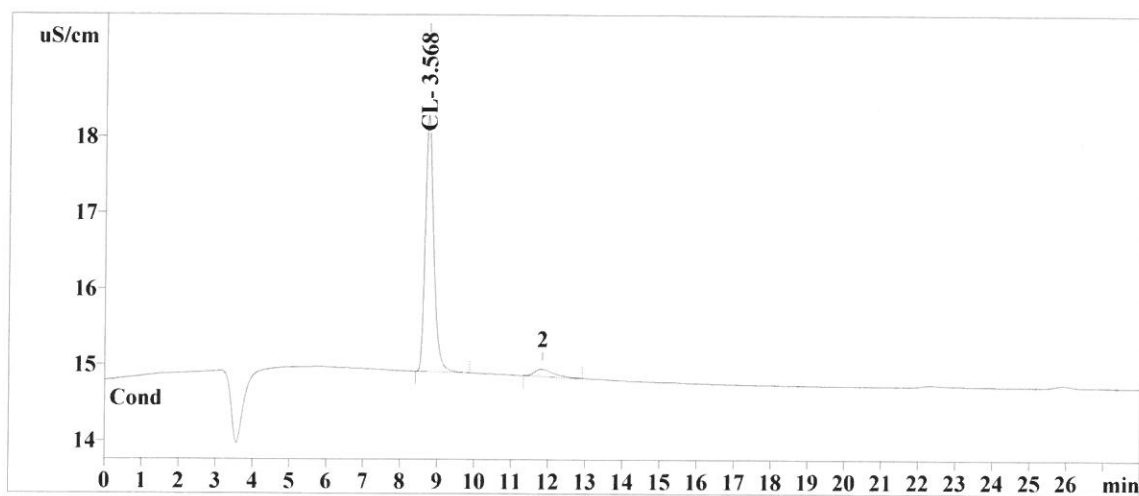
Ident: I6720-02DLX20
Analysis from: 12/4/2017 4:31:07 PM
File: _2017-12-04_

Last save: 12/4/2017 4:58:56 PM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60198

Last save: 12/1/2017 10:54:54 AM

SAMPLE:
: AK/AP
Vial number: 30
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.73	0.239	3.37	97.17	54.131	93.79	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	28.00	0.034	3.37	97.17	54.131	93.79	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/5/2017 10:40:18 AM
Printed by: wet

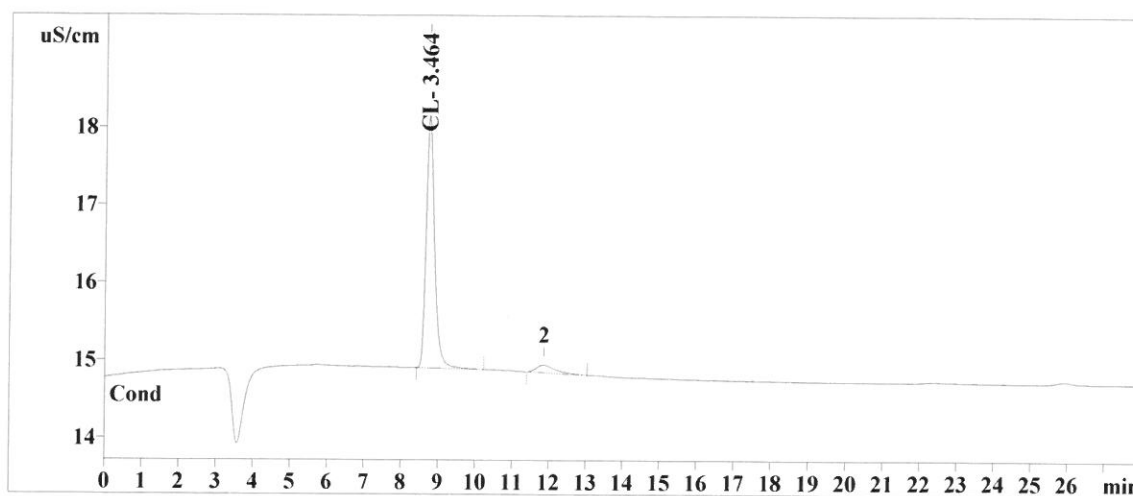
Ident: I6720-03DLX20
Analysis from: 12/4/2017 5:02:01 PM
File: _2017-12-04_

Last save: 12/4/2017 5:29:50 PM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60199

Last save: 12/1/2017 10:54:54 AM

SAMPLE:
: AK/AP
Vial number: 31
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.72	0.239	3.24	96.95	52.509	93.39	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	28.00	0.034	3.24	96.95	52.509	93.39	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/5/2017 10:40:55 AM
 Printed by: wet

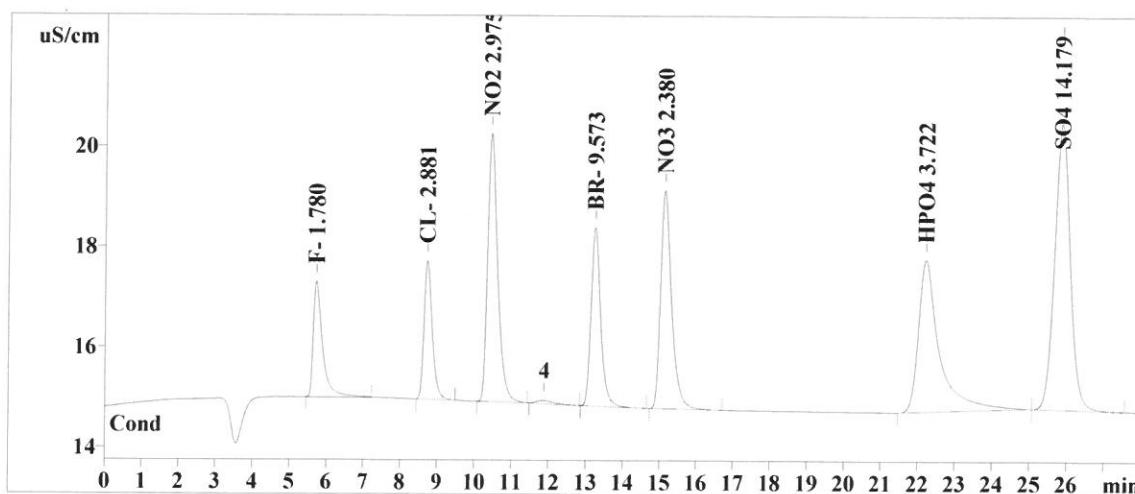
Ident: CCV
 Analysis from: 12/4/2017 5:32:56 PM
 File: _2017-12-04_

Last save: 12/4/2017 6:00:44 PM

Method: ANIONS 11-27-17.mtw
 Run operator: wet
 Analysis number: 60200

Last save: 12/1/2017 10:54:54 AM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.72	0.233	2.30	8.49	38.922	6.17	0.
2	8.71	0.236	2.76	10.18	43.425	6.88	0.
3	10.43	0.287	5.35	19.73	102.368	16.22	0.
4	13.23	0.270	3.56	13.12	65.010	10.30	0.
5	15.12	0.306	4.34	16.02	90.649	14.36	0.
6	22.21	0.499	3.02	11.16	120.226	19.05	0.
7	25.85	0.445	5.70	21.05	168.421	26.69	0.
7	28.00	0.325	27.03	99.76	629.021	99.67	0.

This report has been created by IC Net
 METROHM LTD

Report date: 12/5/2017 10:45:52 AM
Printed by: wet

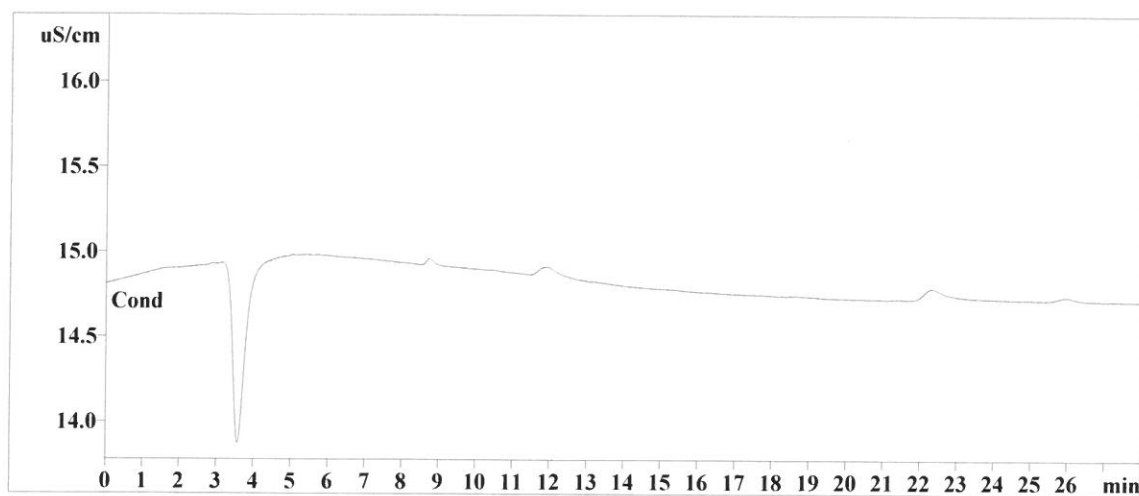
Ident: CCB
Analysis from: 12/4/2017 6:03:50 PM
File: _2017-12-04_

Last save: 12/5/2017 10:44:18 AM

Method: ANIONS 11-27-17.mtw
Run operator: wet
Analysis number: 60201

Last save: 12/1/2017 10:54:54 AM

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD