

Clear table

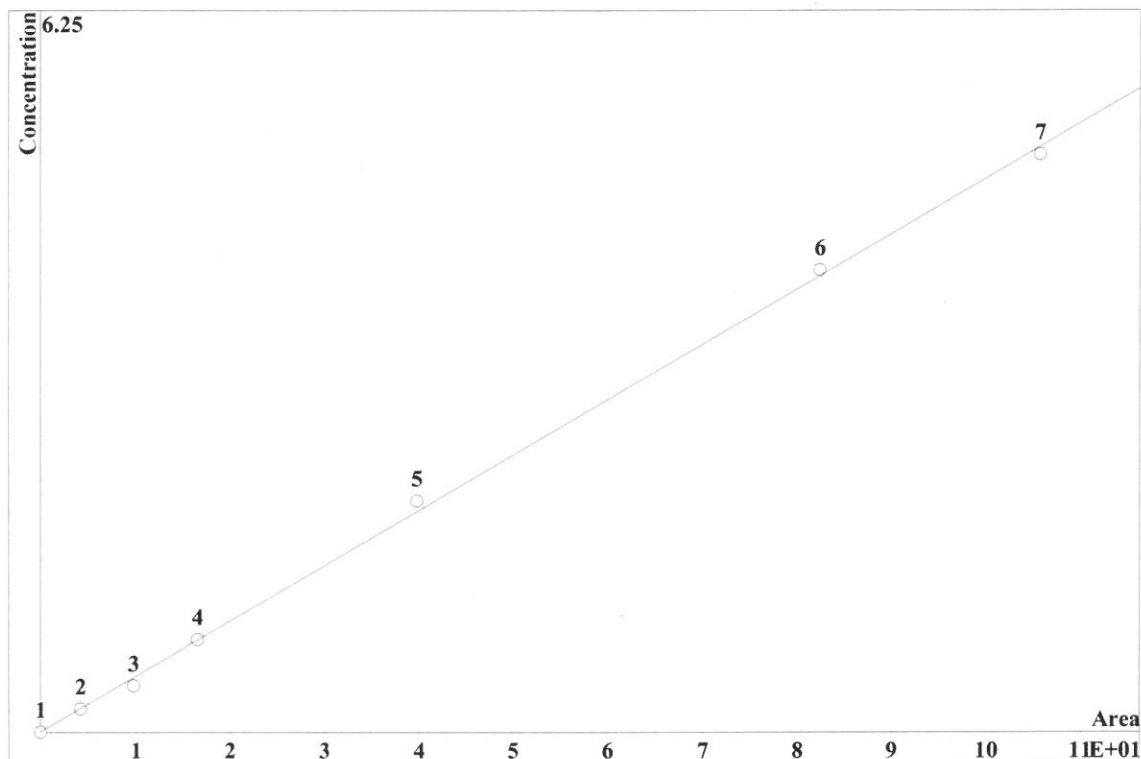
IC-1 300.0
12-18-19 - Ak

ident	concentra tion F-	concentrati on CL-	concentrati on NO2	concentrati on BR-	concentrati on NO3	concentrati on HPO4	concentrati on SO4	file name	date time	Initial wt/ Final Vol	Analyst
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-12-16_	12/16/19 11:17		AK/AP
STD2	0.2520	0.3770	0.3800	1.2100	0.3130	0.4440	1.7710	2019-12-16_	12/16/19 11:48		AK/AP
STD3	0.4940	0.6680	0.6790	2.2290	0.5610	1.0630	3.2740	2019-12-16_	12/16/19 12:19		AK/AP
STD4	0.7860	1.2330	1.2370	4.1380	1.0240	2.0760	6.0520	2019-12-16_	12/16/19 12:50		AK/AP
STD5	1.8710	2.7990	2.7960	9.3490	2.3300	4.6090	13.6100	2019-12-16_	12/16/19 13:21		AK/AP
STD6	3.8720	5.7350	5.7600	19.0350	4.7690	9.2640	28.0670	2019-12-16_	12/16/19 13:52		AK/AP
STD7	5.0680	7.6460	7.6380	25.4860	6.3500	12.7010	38.2530	2019-12-16_	12/16/19 14:23		AK/AP
ICV	2.0320	2.9440	2.9180	9.8050	2.4560	5.1370	14.8550	2019-12-16_	12/16/19 14:57		AK/AP
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-12-16_	12/16/19 15:46		AK/AP
CCV	1.9620	2.9580	2.8830	9.7180	2.4010	4.8740	14.3280	2019-12-17_	12/17/19 9:47		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-12-17_	12/17/19 10:19		AK/AP
LB106823BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-12-17_	12/17/19 10:50		AK/AP
LB106823BSW	1.9630	2.9200	2.9150	9.7170	2.4090	5.0890	14.4170	2019-12-17_	12/17/19 11:21		AK/AP
K6347-01	0.5360	314.8780	0.0000	0.0000	0.1510	0.0000	11.2400	2019-12-17_	12/17/19 12:52		AK/AP
K6347-02	0.6440	1488.2250	0.0000	0.0000	0.0000	0.0000	6.7080	2019-12-17_	12/17/19 13:23		AK/AP
K6347-03	0.0000	32.4740	0.0000	0.0000	0.0000	0.0000	2.5000	2019-12-17_	12/17/19 13:54		AK/AP
K6347-04	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-12-17_	12/17/19 14:25		AK/AP
K6347-03DUP	0.0000	32.7790	0.0000	0.0000	0.0000	0.0000	2.4800	2019-12-17_	12/17/19 14:56		AK/AP
K6347-03MS	4.1550	32.6970	3.2380	9.9960	2.5020	6.5730	16.5040	2019-12-17_	12/17/19 15:27		AK/AP
K6347-03MSD	3.7130	32.7070	2.8110	9.5380	2.4050	6.3130	15.4840	2019-12-17_	12/17/19 15:58		AK/AP
K6347-01DLX50	0.0000	4.1040	0.0000	0.0000	0.0000	0.0000	0.0000	2019-12-17_	12/17/19 16:29		AK/AP
CCV	2.0080	2.9640	2.9090	9.7160	2.4040	4.9320	13.9180	2019-12-17_	12/17/19 16:59		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-12-17_	12/17/19 17:30		AK/AP
K6347-02DLX200	0.0000	4.5670	0.0000	0.0000	0.0000	0.0000	0.0000	2019-12-17_	12/17/19 18:01		AK/AP
K6347-03DLX5	0.0000	5.7000	0.0000	0.0000	0.0000	0.0000	0.6970	2019-12-17_	12/17/19 18:32		AK/AP
CCV	1.9940	2.9680	2.9140	9.6610	2.4420	5.0020	13.8120	2019-12-17_	12/17/19 19:03		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-12-17_	12/17/19 19:34		AK/AP

Cal
12-16-19
AK

CALIBRATION OF COMPONENT F-

Method: ANIONS 12-16-19.mtw
Equation: $Q = 0.957978 \cdot A + 0.0694985$
RSD: 3.501 %
Correlation coefficient: 0.999482



K3 = 0 K2 = 0 K1 = 0.957978 K0 = 0.0694985

Base: Area

Ref.channel: Cond

ISTD:

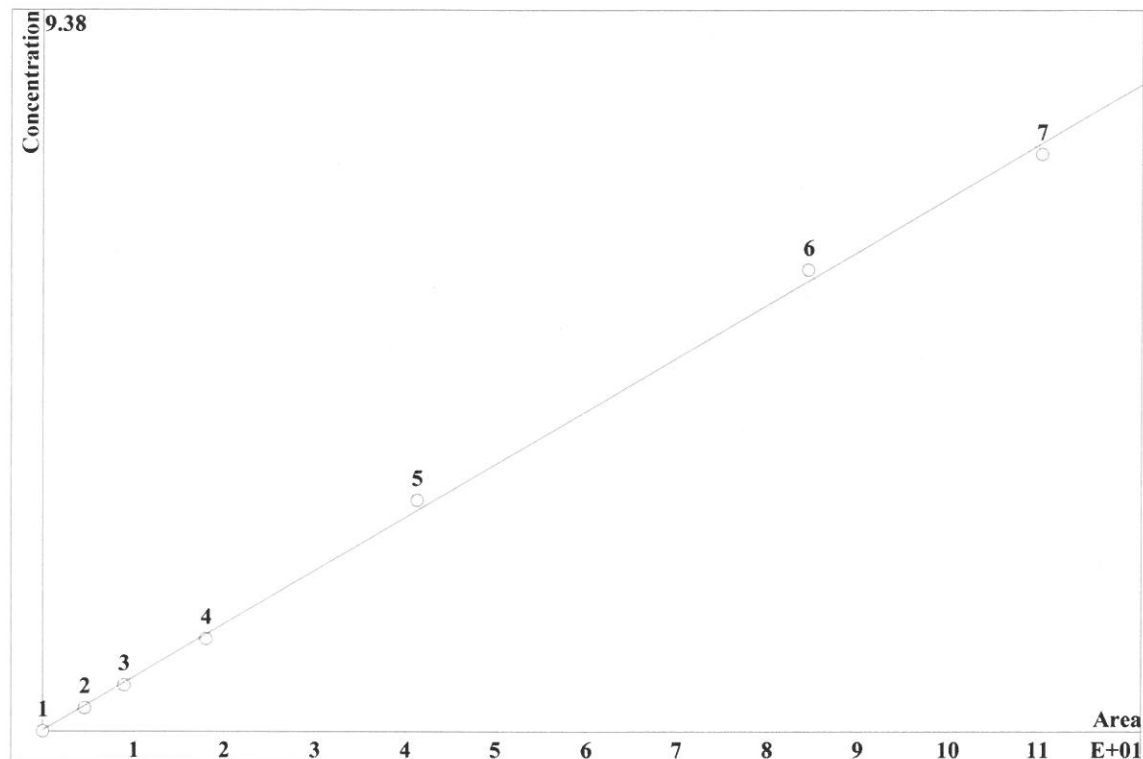
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.1111	4.213	0.2	20	5.943			Yes
3	0.2355	9.78	0.4	20	5.943			Yes
4	0.4676	16.59	0.8	20	5.943			Yes
5	1.187	39.75	2	20	5.943			Yes
6	2.689	82.37	4	20	5.943			Yes
7	3.467	105.7	5	20	5.943			Yes

CALIBRATION OF COMPONENT CL-

Method: ANIONS 12-16-19.mtw
 Equation: $Q = 1.38278 \cdot A + 0.318175$
 RSD: 4.136 %
 Correlation coefficient: 0.999277



K3 = 0 K2 = 0 K1 = 1.38278 K0 = 0.318175

Base: Area

Ref.channel: Cond

ISTD:

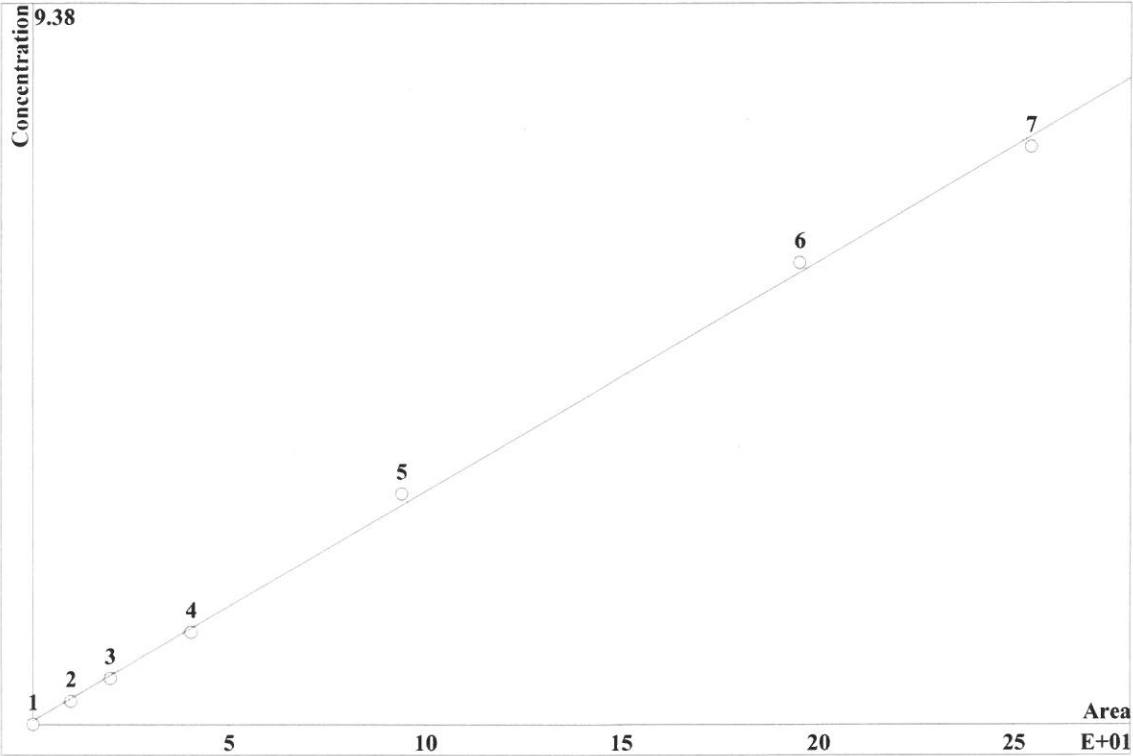
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.173	4.58	0.3	20	8.829	Yes	
3	0.3518	8.972	0.6	20	8.829	Yes	
4	0.7162	18.03	1.2	20	8.829	Yes	
5	1.664	41.25	3	20	8.829	Yes	
6	3.445	84.46	6	20	8.829	Yes	
7	4.534	110.4	7.5	20	8.829	Yes	

CALIBRATION OF COMPONENT NO2

Method: ANIONS 12-16-19.mtw
Equation: $Q = 0.596994 \cdot A + 0.979518$
RSD: 4.029 %
Correlation coefficient: 0.999314

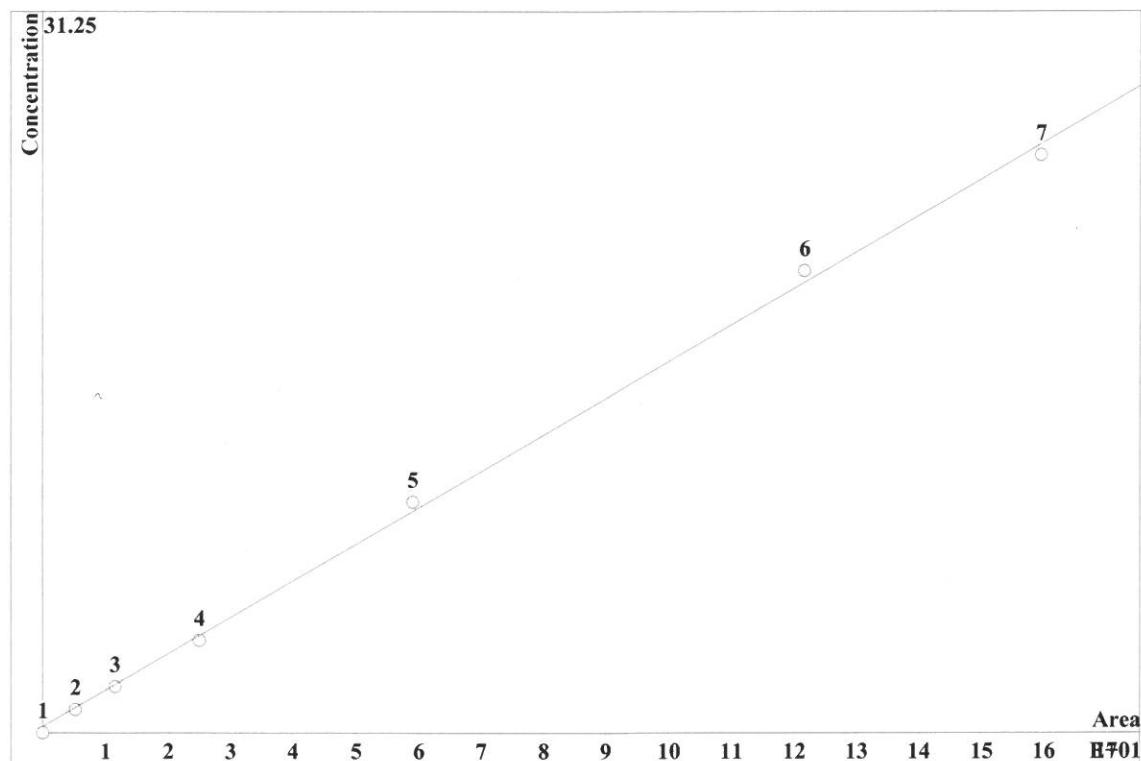


K3 = 0 K2 = 0 K1 = 0.596994 K0 = 0.979518
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.3159	9.724	0.3	20	10.66			Yes
3	0.6417	19.84	0.6	20	10.66			Yes
4	1.297	40.39	1.2	20	10.66			Yes
5	2.993	93.97	3	20	10.66			Yes
6	6.118	195.1	6	20	10.66			Yes
7	7.973	254.2	7.5	20	10.66			Yes

CALIBRATION OF COMPONENT BR-

Method: ANIONS 12-16-19.mtw
 Equation: $Q = 3.16233 \cdot A + 5.37165$
 RSD: 4.088 %
 Correlation coefficient: 0.999293



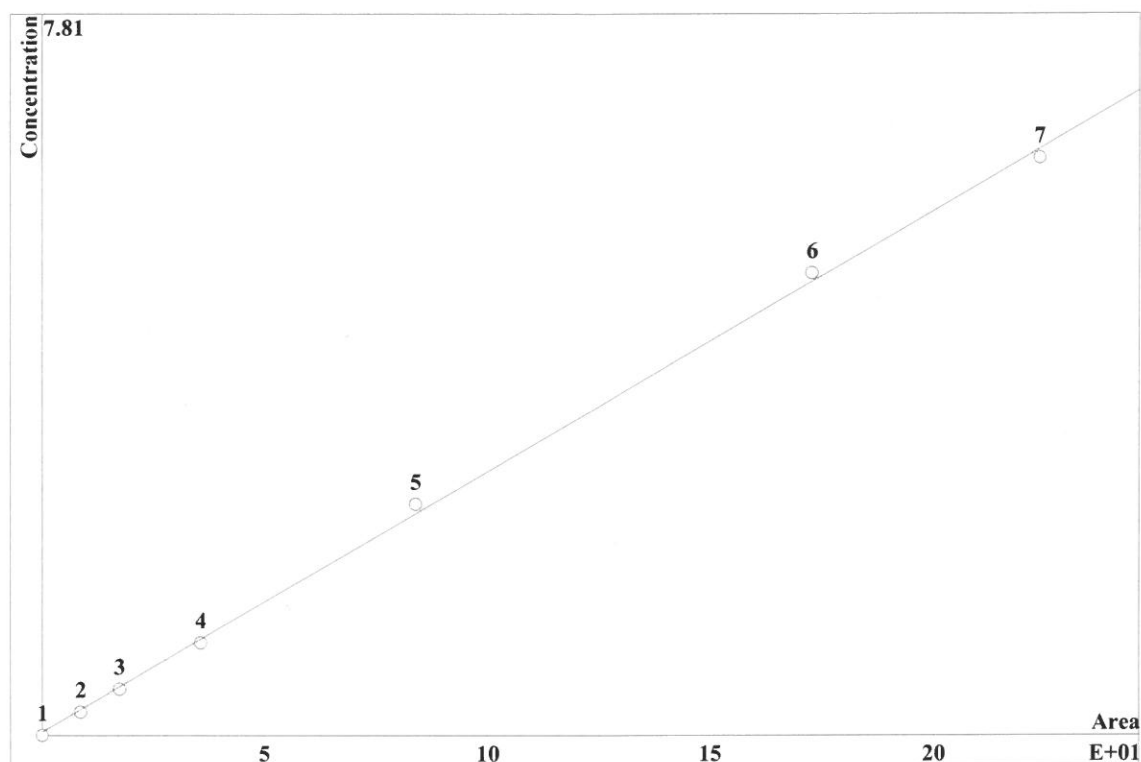
K3 = 0 K2 = 0 K1 = 3.16233 K0 = 5.37165

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	0.1438	5.226	1	20	13.22			Yes
3	0.3109	11.61	2	20	13.22			Yes
4	0.6467	24.97	4	20	13.22			Yes
5	1.561	59.03	10	20	13.22			Yes
6	3.331	121.6	20	20	13.22			Yes
7	4.428	159.5	25	20	13.22			Yes

CALIBRATION OF COMPONENT NO3

Method: ANIONS 12-16-19.mtw
 Equation: $Q = 0.563761 \cdot A + 0.714656$
 RSD: 3.461 %
 Correlation coefficient: 0.999494



K3 = 0 K2 = 0 K1 = 0.563761 K0 = 0.714656

Base: Area

Ref.channel: Cond

ISTD:

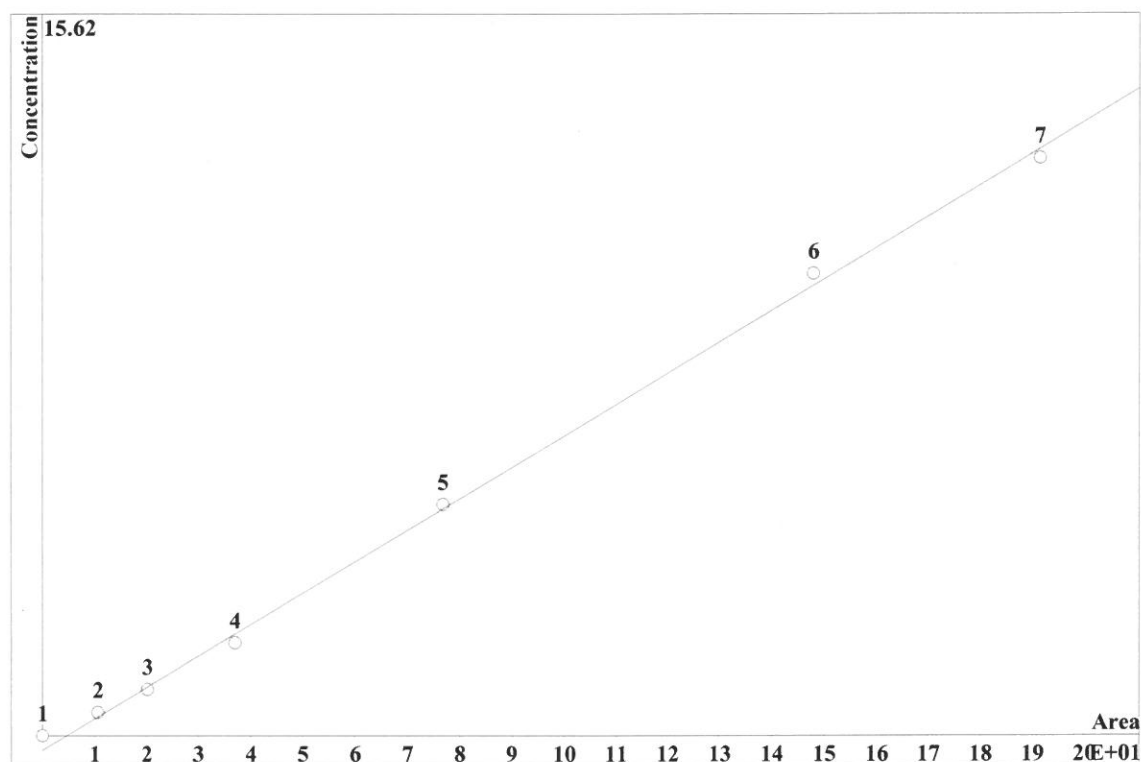
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.1755	8.606	0.25	20	15.85	Yes		Yes
3	0.3617	17.43	0.5	20	15.85	Yes		Yes
4	0.73	35.61	1	20	15.85	Yes		Yes
5	1.72	83.76	2.5	20	15.85	Yes		Yes
6	3.561	172.9	5	20	15.85	Yes		Yes
7	4.681	224	6.25	20	15.85	Yes		Yes

CALIBRATION OF COMPONENT HPO4

Method: ANIONS 12-16-19.mtw
 Equation: $Q = 1.36007 \cdot A - 6.35549$
 RSD: 3.950 %
 Correlation coefficient: 0.999340



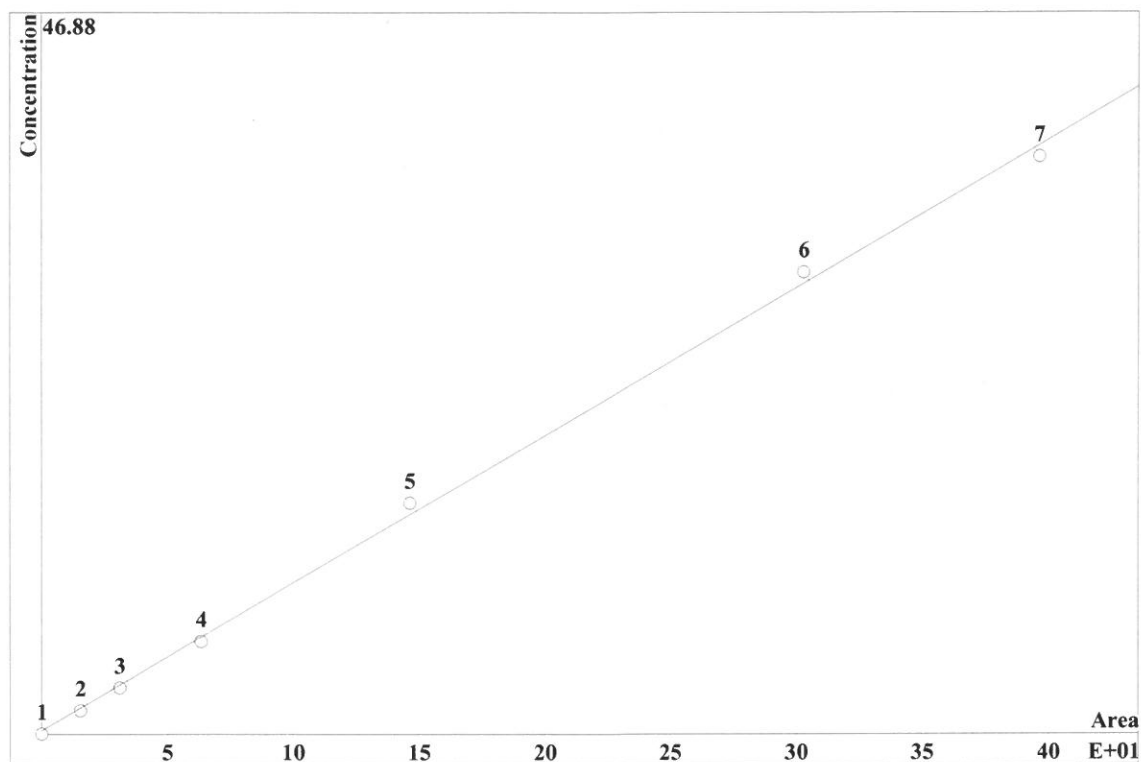
K3 = 0 K2 = 0 K1 = 1.36007 K0 = -6.35549

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	0.1566	10.62	0.5	20	21.46			Yes
3	0.3066	20.2	1	20	21.46			Yes
4	0.5652	36.93	2	20	21.46			Yes
5	1.179	76.79	5	20	21.46			Yes
6	2.276	147.9	10	20	21.46			Yes
7	2.911	191.4	12.5	20	21.46			Yes

CALIBRATION OF COMPONENT SO4

Method: ANIONS 12-16-19.mtw
 Equation: $Q = 1.91876 \cdot A + 4.42069$
 RSD: 4.341 %
 Correlation coefficient: 0.999203



K3 = 0 K2 = 0 K1 = 1.91876 K0 = 4.42069

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	0.2449	15.38	1.5	20	24.69			Yes
3	0.5045	31.06	3	20	24.69			Yes
4	1.018	63.48	6	20	24.69			Yes
5	2.331	146.4	15	20	24.69			Yes
6	4.782	302.8	30	20	24.69			Yes
7	6.242	396.4	37.5	20	24.69			Yes

Report date: 12/18/2019 1:25:52 PM
Printed by: wet

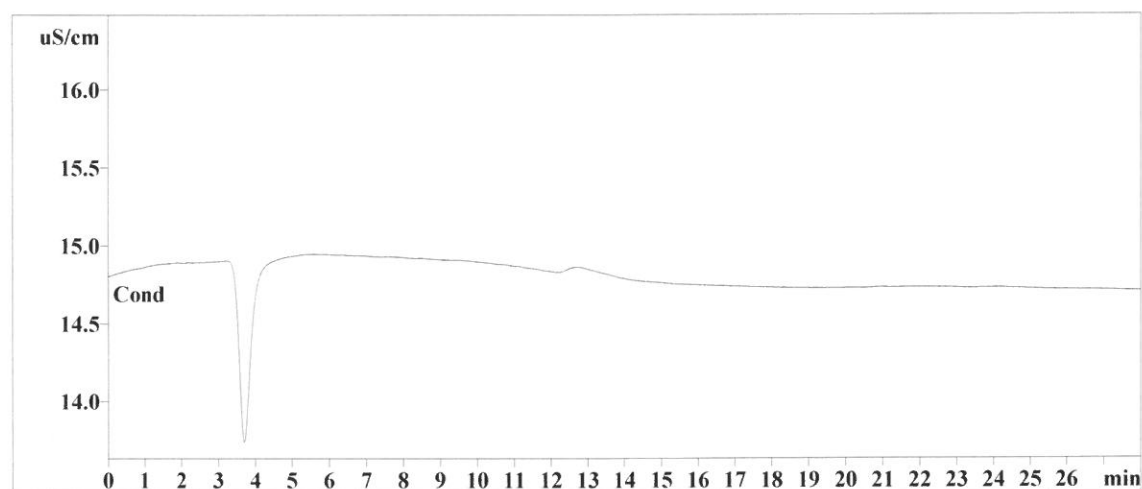
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Analysis from: 12/16/2019 11:17:39 AM
File: _2019-12-16_

Last save: 12/16/2019 11:45:28 AM

Method: ANIONS 12-16-19.mtw
Run operator: wet
Analysis number: 69199

Last save: 12/16/2019 10:51:02 AM

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
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Report date: 12/18/2019 1:26:05 PM
Printed by: wet

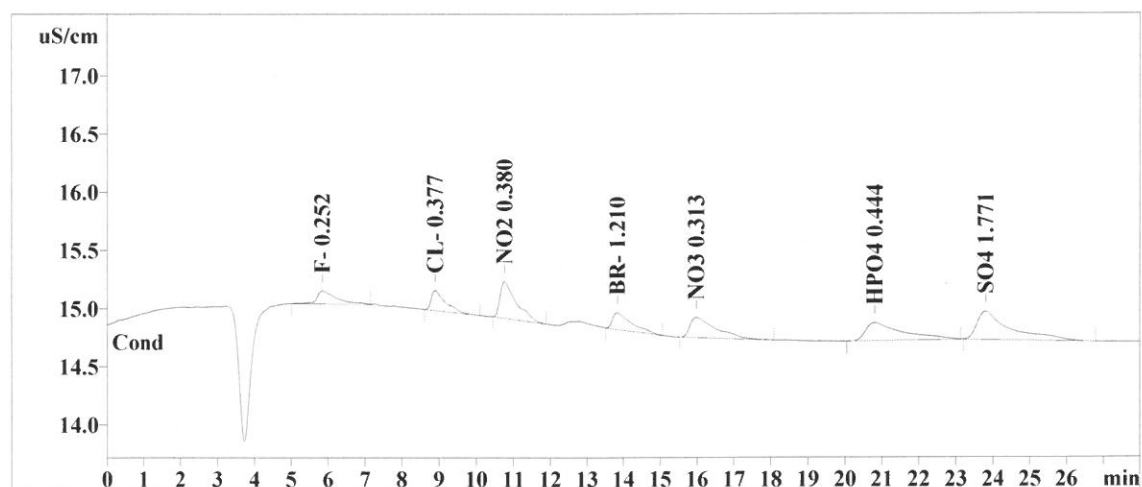
Ident: STD2
Analysis from: 12/16/2019 11:48:34 AM
File: _2019-12-16_

Last save: 12/16/2019 12:16:22 PM

Method: ANIONS 12-16-19.mtw
Run operator: wet
Analysis number: 69200

Last save: 12/16/2019 11:45:28 AM

SAMPLE:
: AK/AP
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	5.84	0.509	0.11	8.38	4.213	7.22	0.
2	8.90	0.361	0.17	13.05	4.580	7.85	0.
3	10.76	0.430	0.32	23.87	9.724	16.67	0.
4	13.83	0.524	0.14	10.83	5.226	8.96	0.
5	15.97	0.686	0.18	13.25	8.606	14.75	0.
6	20.81	0.937	0.16	11.77	10.619	18.20	0.
7	23.80	0.734	0.24	18.46	15.377	26.36	0.
7	28.00	0.597	1.32	99.61	58.344	100.00	0.

This report has been created by IC Net
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Report date: 12/18/2019 1:26:14 PM
Printed by: wet

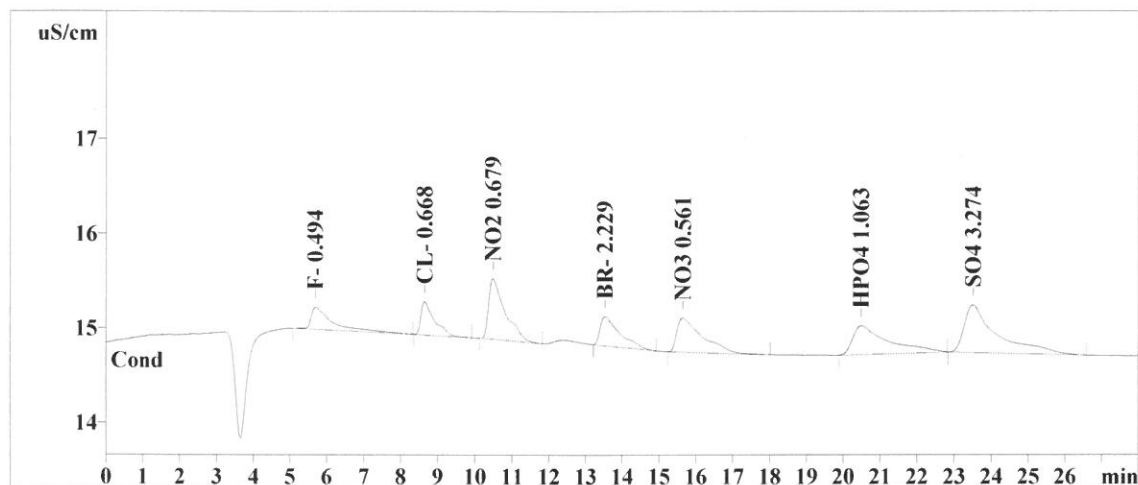
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Analysis from: 12/16/2019 12:19:28 PM
File: _2019-12-16_

Last save: 12/16/2019 12:47:18 PM

Method: ANIONS 12-16-19.mtw
Run operator: wet
Analysis number: 69201

Last save: 12/16/2019 12:16:22 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.70	0.484	0.23	8.66	9.780	8.23	0.
2	8.64	0.346	0.35	12.96	8.972	7.55	0.
3	10.48	0.427	0.64	23.64	19.837	16.69	0.
4	13.53	0.534	0.31	11.45	11.605	9.76	0.
5	15.64	0.672	0.36	13.32	17.427	14.66	0.
6	20.49	0.867	0.31	11.28	20.205	17.00	0.
7	23.50	0.710	0.50	18.57	31.059	26.13	0.
7	28.00	0.577	2.71	99.89	118.884	100.00	0.

This report has been created by IC Net
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Report date: 12/18/2019 1:26:26 PM
Printed by: wet

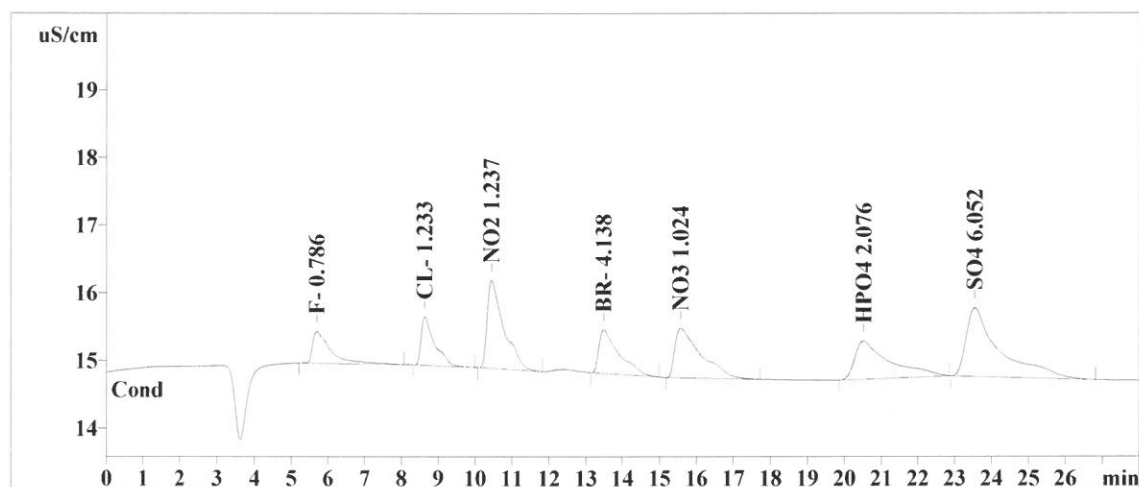
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Analysis from: 12/16/2019 12:50:23 PM
File: _2019-12-16_

Last save: 12/16/2019 1:18:12 PM

Method: ANIONS 12-16-19.mtw
Run operator: wet
Analysis number: 69202

Last save: 12/16/2019 12:47:18 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	5.68	0.467	0.47	8.59	16.593	7.03	0.
2	8.63	0.341	0.72	13.16	18.026	7.64	0.
3	10.44	0.429	1.30	23.83	40.386	17.11	0.
4	13.48	0.550	0.65	11.87	24.967	10.58	0.
5	15.57	0.683	0.73	13.41	35.613	15.09	0.
6	20.50	0.857	0.56	10.38	36.933	15.65	0.
7	23.54	0.717	1.02	18.70	63.483	26.90	0.
7	28.00	0.578	5.44	99.95	236.000	100.00	0.

This report has been created by IC Net
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Report date: 12/18/2019 1:26:34 PM
Printed by: wet

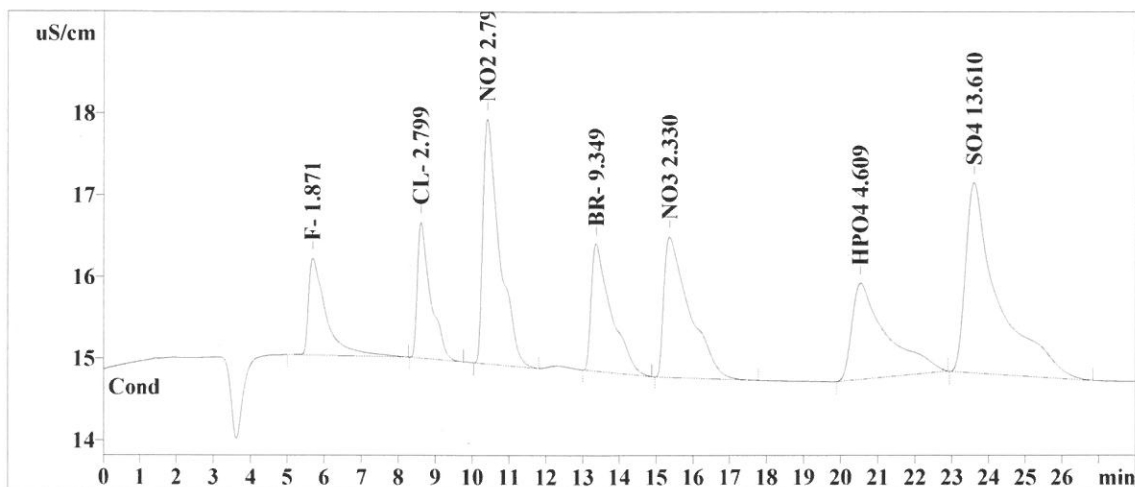
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Analysis from: 12/16/2019 1:21:18 PM
File: _2019-12-16_

Last save: 12/16/2019 1:49:06 PM

Method: ANIONS 12-16-19.mtw
Run operator: wet
Analysis number: 69203

Last save: 12/16/2019 1:18:12 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.68	0.450	1.19	9.39	39.755	7.35	0.
2	8.61	0.340	1.66	13.16	41.254	7.63	0.
3	10.40	0.434	2.99	23.69	93.968	17.37	0.
4	13.35	0.535	1.56	12.35	59.027	10.91	0.
5	15.35	0.683	1.72	13.61	83.764	15.48	0.
6	20.52	0.844	1.18	9.33	76.789	14.20	0.
7	23.58	0.713	2.33	18.45	146.382	27.06	0.
7	28.00	0.571	12.63	99.97	540.939	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/18/2019 1:26:44 PM
Printed by: wet

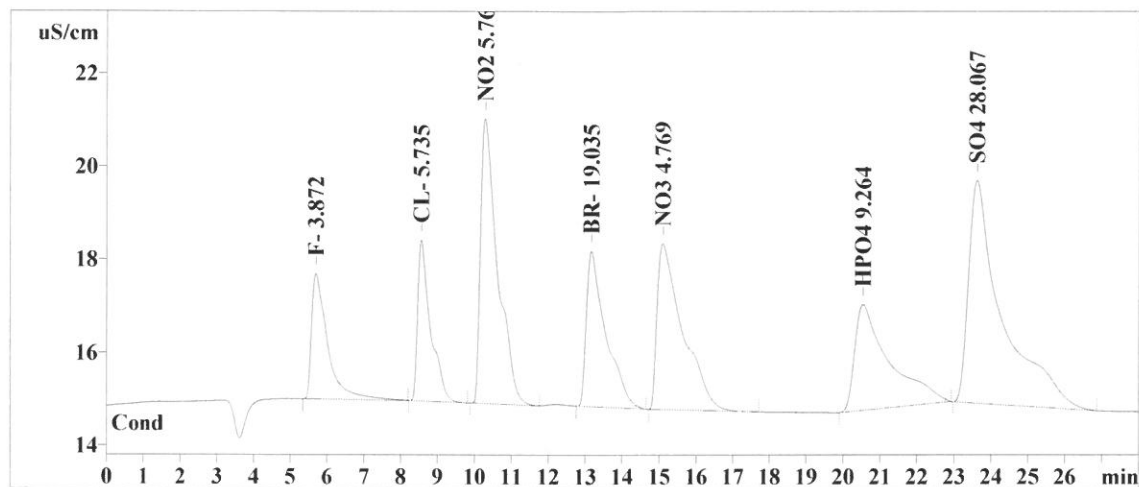
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Analysis from: 12/16/2019 1:52:13 PM
File: _2019-12-16_

Last save: 12/16/2019 2:20:02 PM

Method: ANIONS 12-16-19.mtw
Run operator: wet
Analysis number: 69204

Last save: 12/16/2019 1:49:06 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.69	0.430	2.69	10.26	82.371	7.44	0.
2	8.55	0.335	3.44	13.15	84.459	7.63	0.
3	10.28	0.443	6.12	23.35	195.136	17.62	0.
4	13.16	0.510	3.33	12.71	121.613	10.98	0.
5	15.08	0.680	3.56	13.59	172.875	15.61	0.
6	20.53	0.838	2.27	8.68	147.911	13.36	0.
7	23.61	0.722	4.78	18.25	302.827	27.35	0.
7	28.00	0.565	26.20	99.99	1107.191	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/18/2019 1:26:51 PM
Printed by: wet

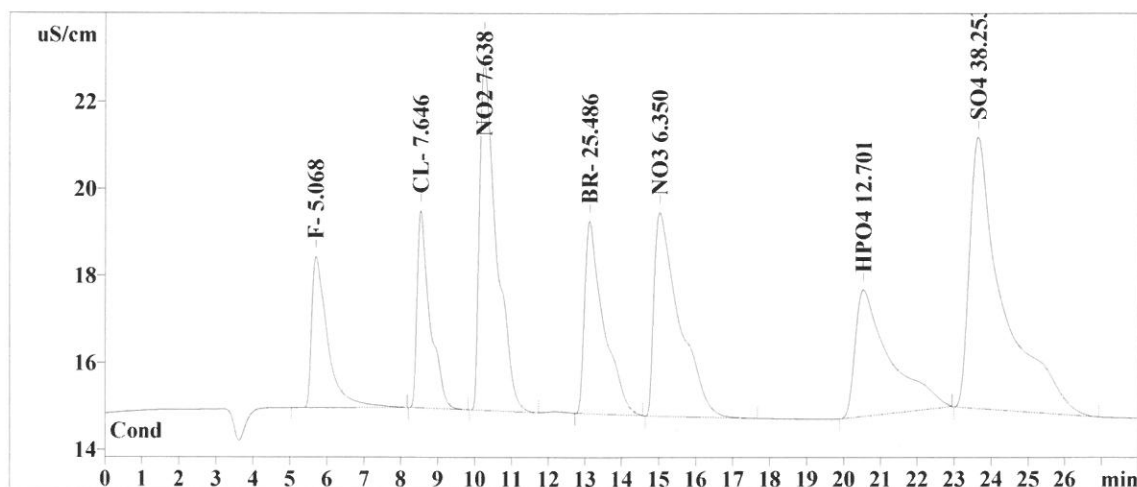
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File: _2019-12-16_

Last save: 12/16/2019 2:50:56 PM

Method: ANIONS 12-16-19.mtw
Run operator: wet
Analysis number: 69205

Last save: 12/16/2019 2:20:02 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	5.69	0.430	3.47	10.13	105.731	7.33	0.
2	8.53	0.331	4.53	13.24	110.353	7.65	0.
3	10.24	0.443	7.97	23.29	254.226	17.63	0.
4	13.11	0.497	4.43	12.93	159.486	11.06	0.
5	15.01	0.669	4.68	13.67	223.989	15.54	0.
6	20.52	0.850	2.91	8.50	191.439	13.28	0.
7	23.62	0.725	6.24	18.23	396.422	27.50	0.
7	28.00	0.564	34.23	99.99	1441.646	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/18/2019 1:27:15 PM
Printed by: wet

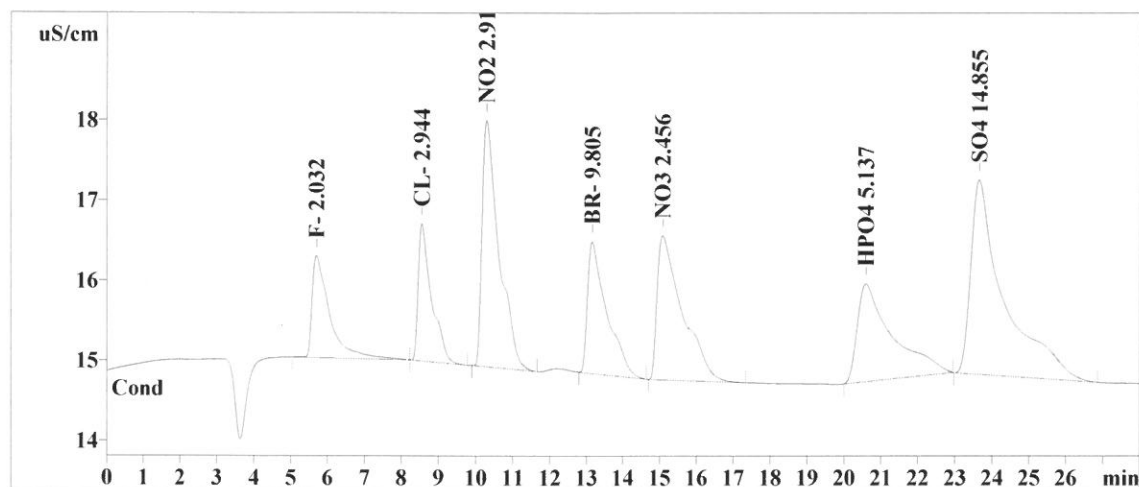
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Analysis from: 12/16/2019 2:57:09 PM
File: _2019-12-16_

Last save: 12/16/2019 3:24:58 PM

Method: ANIONS 12-16-19.mtw
Run operator: wet
Analysis number: 69206

Last save: 12/16/2019 2:50:56 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.69	0.456	1.27	9.66	42.352	7.57	0.
2	8.55	0.339	1.71	13.02	42.350	7.57	0.
3	10.28	0.434	3.07	23.37	96.120	17.17	0.
4	13.14	0.519	1.64	12.51	60.313	10.77	0.
5	15.07	0.669	1.80	13.68	85.869	15.34	0.
6	20.58	0.857	1.22	9.30	80.213	14.33	0.
7	23.64	0.714	2.42	18.46	152.537	27.25	0.
7	28.00	0.570	13.13	100.00	559.752	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/18/2019 1:27:23 PM
Printed by: wet

Ident: ICB
Analysis from: 12/16/2019 3:46:59 PM
File: _2019-12-16_

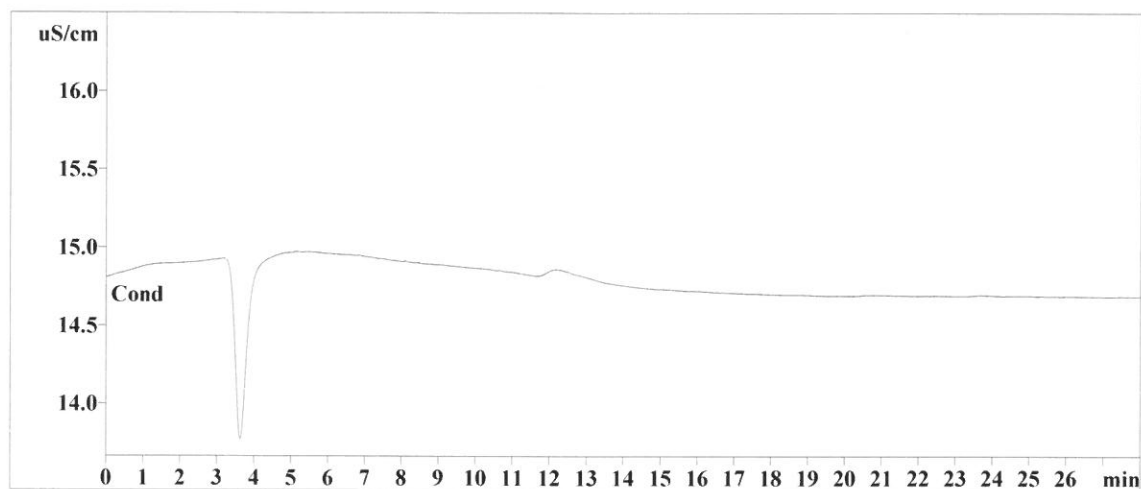
Last save: 12/16/2019 4:14:48 PM

Method: ANIONS 12-16-19.mtw
Run operator: wet
Analysis number: 69207

Last save: 12/16/2019 2:50:56 PM

SAMPLE:

: AK/AP
Vial number: 10
Volume: 20.0 μ L
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 12/18/2019 1:21:26 PM
Printed by: wet

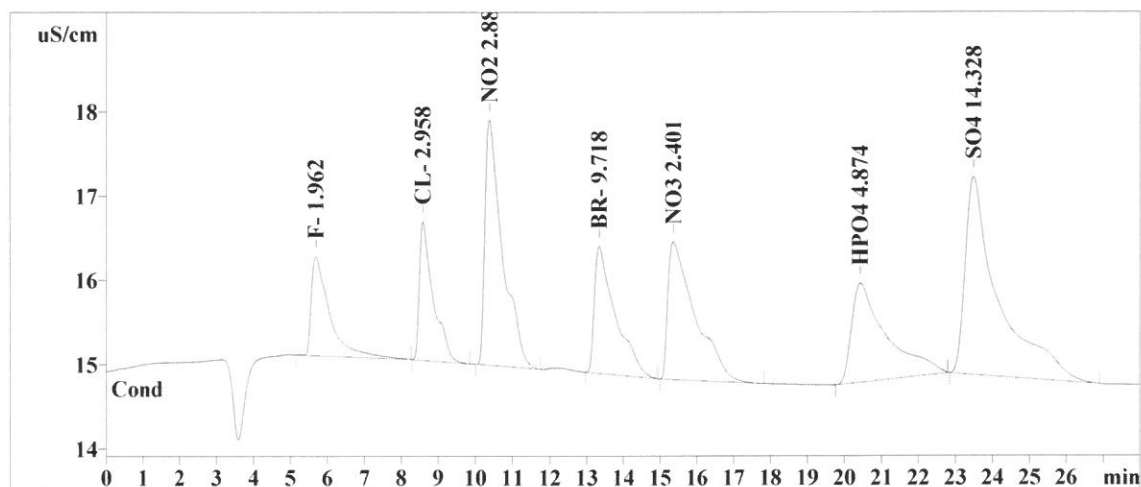
Ident: CCV
Analysis from: 12/17/2019 9:47:26 AM
File: _2019-12-17_

Last save: 12/17/2019 10:15:16 AM

Method: ANIONS 12-16-19.mtw
Run operator: wet
Analysis number: 69214

Last save: 12/16/2019 2:50:56 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	5.68	0.476	1.18	9.49	40.890	7.50	0.
2	8.59	0.353	1.64	13.25	42.550	7.80	0.
3	10.37	0.453	2.91	23.45	94.951	17.41	0.
4	13.33	0.557	1.51	12.17	59.759	10.96	0.
5	15.36	0.717	1.64	13.20	83.900	15.38	0.
6	20.42	0.857	1.17	9.46	76.342	14.00	0.
7	23.49	0.694	2.35	18.94	147.042	26.96	0.
7	28.00	0.587	12.40	99.96	545.436	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/18/2019 1:21:34 PM
Printed by: wet

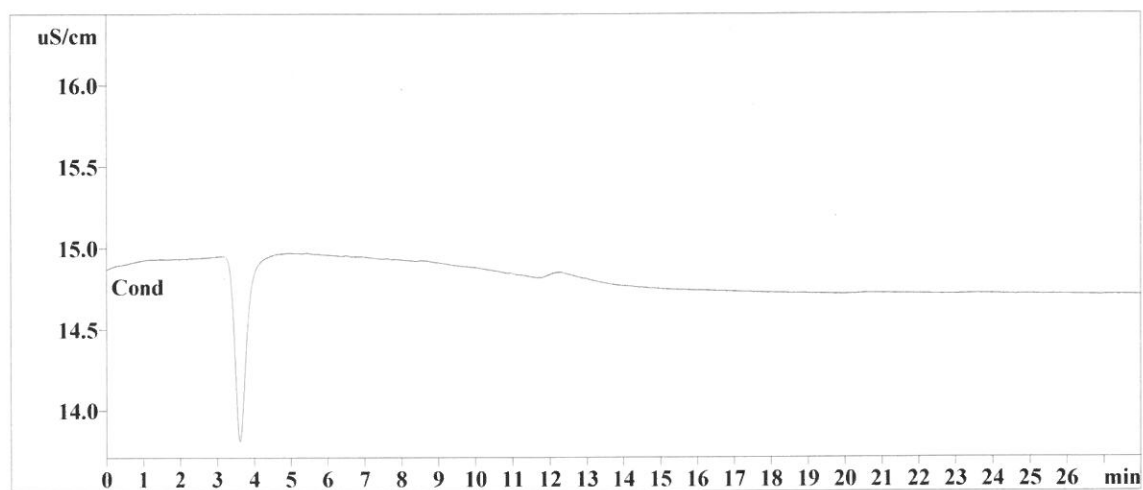
Ident: CCB
Analysis from: 12/17/2019 10:19:34 AM
File: _2019-12-17_

Last save: 12/17/2019 10:47:24 AM

Method: ANIONS 12-16-19.mtw
Run operator: wet
Analysis number: 69215

Last save: 12/16/2019 2:50:56 PM

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 12/18/2019 1:21:42 PM
Printed by: wet

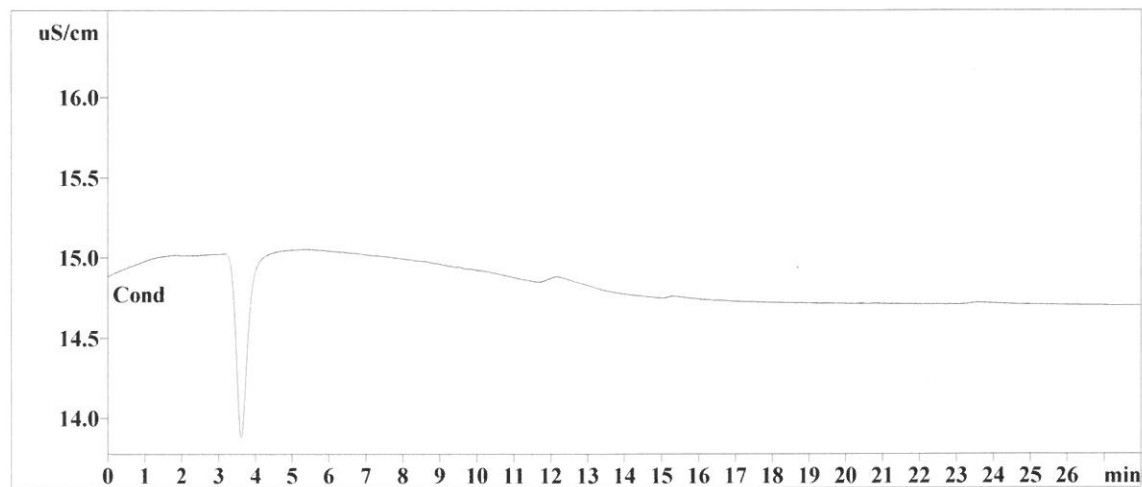
Ident: LB106823BLW
Analysis from: 12/17/2019 10:50:29 AM
File: _2019-12-17_

Last save: 12/18/2019 1:21:18 PM

Method: ANIONS 12-16-19.mtw
Run operator: wet
Analysis number: 69216

Last save: 12/16/2019 2:50:56 PM

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 12/18/2019 1:21:50 PM
Printed by: wet

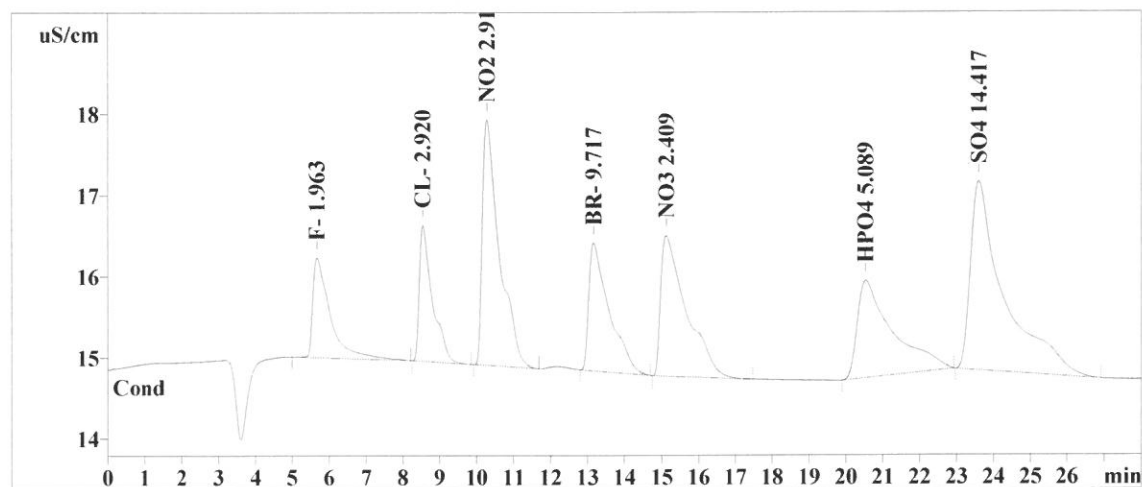
Ident: LB106823BSW
Analysis from: 12/17/2019 11:21:24 AM
File: _2019-12-17_

Last save: 12/18/2019 1:21:18 PM

Method: ANIONS 12-16-19.mtw
Run operator: wet
Analysis number: 69217

Last save: 12/16/2019 2:50:56 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	5.67	0.453	1.23	9.63	40.914	7.43	0.
2	8.54	0.344	1.67	13.10	42.006	7.63	0.
3	10.28	0.438	3.02	23.65	96.023	17.45	0.
4	13.16	0.535	1.58	12.37	59.755	10.86	0.
5	15.12	0.679	1.73	13.57	84.180	15.30	0.
6	20.54	0.872	1.20	9.41	79.504	14.45	0.
7	23.61	0.728	2.33	18.24	147.969	26.89	0.
7	28.00	0.578	12.77	99.99	550.351	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/18/2019 1:22:02 PM
Printed by: wet

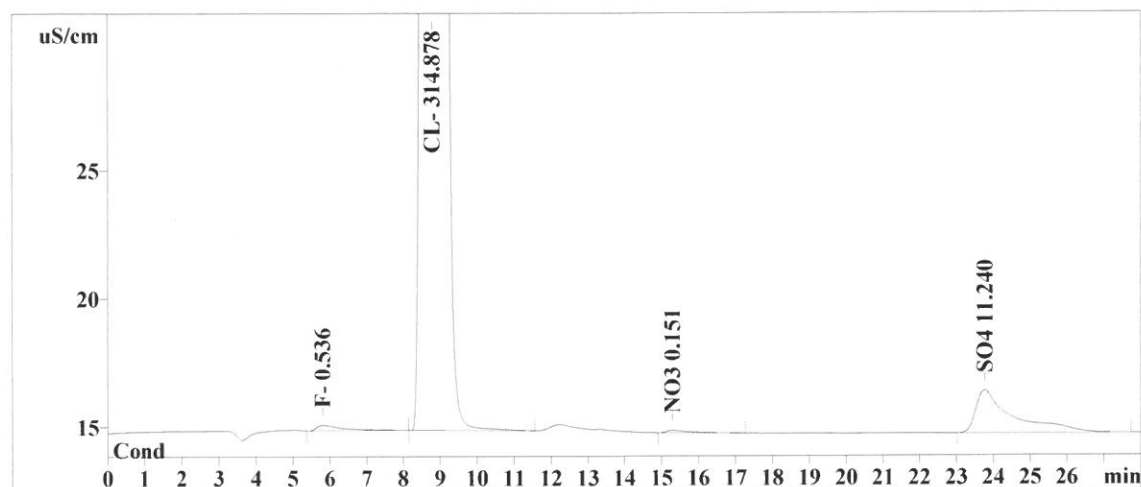
Ident: K6347-01
Analysis from: 12/17/2019 12:52:40 PM
File: _2019-12-17_

Last save: 12/17/2019 1:20:28 PM

Method: ANIONS 12-16-19.mtw
Run operator: wet
Analysis number: 69218

Last save: 12/16/2019 2:50:56 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.81	0.641	0.22	0.11	11.121	0.24	0.
2	8.78	0.321	194.79	98.95	4554.052	97.22	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	15.30	0.604	0.09	0.05	4.075	0.09	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	23.77	0.767	1.66	0.84	114.856	2.45	0.
7	28.00	0.333	196.76	99.95	4684.103	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/18/2019 1:22:28 PM
Printed by: wet

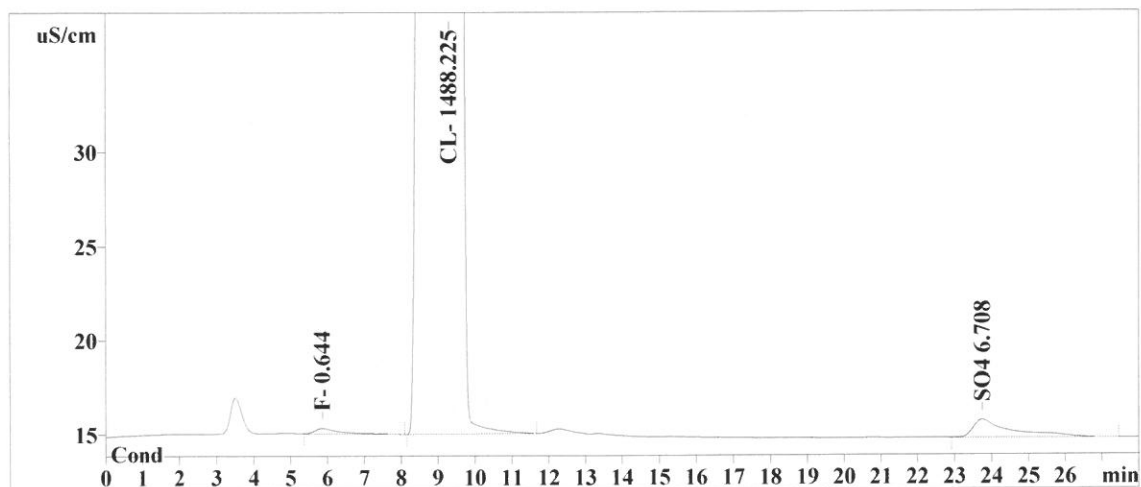
Ident: K6347-02
Analysis from: 12/17/2019 1:23:35 PM
File: _2019-12-17_

Last save: 12/17/2019 1:51:24 PM

Method: ANIONS 12-16-19.mtw
Run operator: wet
Analysis number: 69219

Last save: 12/16/2019 2:50:56 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.85	0.597	0.29	0.05	13.371	0.06	0.
2	9.28	0.670	522.45	99.73	21524.916	99.63	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	23.75	0.794	0.95	0.18	67.616	0.31	0.
7	28.00	0.294	523.69	99.97	21605.903	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/18/2019 1:22:40 PM
Printed by: wet

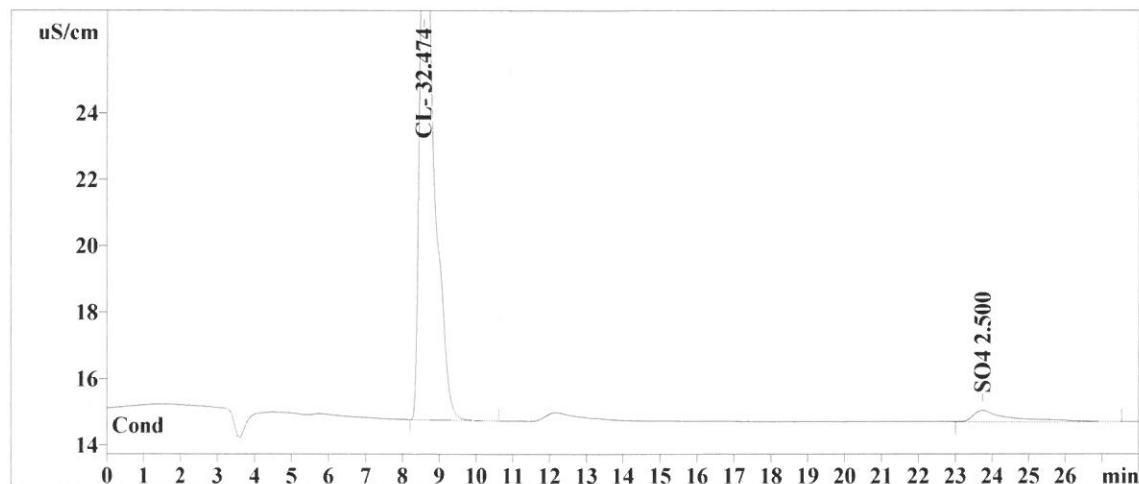
Ident: K6347-03
Analysis from: 12/17/2019 1:54:29 PM
File: _2019-12-17_

Last save: 12/17/2019 2:22:18 PM

Method: ANIONS 12-16-19.mtw
Run operator: wet
Analysis number: 69220

Last save: 12/16/2019 2:50:56 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.56	0.349	18.69	98.18	469.460	95.18	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	23.74	0.769	0.34	1.80	23.759	4.82	0.
7	28.00	0.160	19.03	99.98	493.220	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/18/2019 1:22:48 PM
Printed by: wet

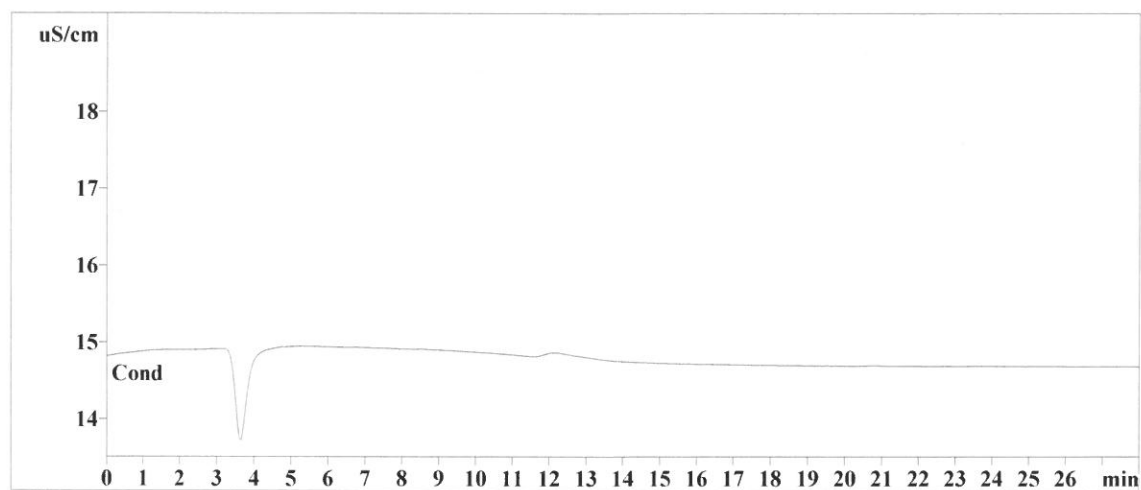
Ident: K6347-04
Analysis from: 12/17/2019 2:25:24 PM
File: _2019-12-17_

Last save: 12/17/2019 2:53:12 PM

Method: ANIONS 12-16-19.mtw
Run operator: wet
Analysis number: 69221

Last save: 12/16/2019 2:50:56 PM

SAMPLE:
: AK/AP
Vial number: 9
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: 12/18/2019 1:22:59 PM
Printed by: wet

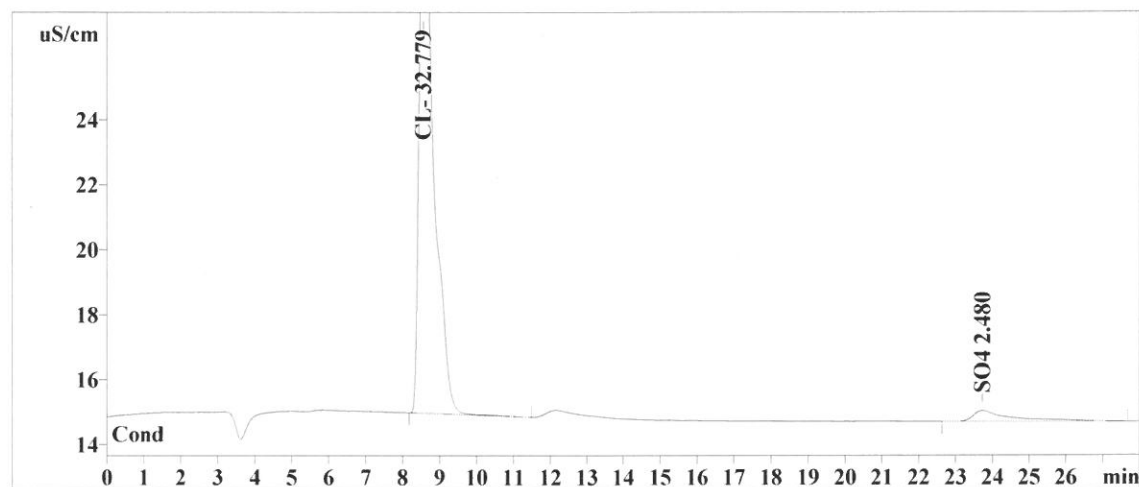
Ident: K6347-03DUP
Analysis from: 12/17/2019 2:56:19 PM
File: _2019-12-17_

Last save: 12/17/2019 3:24:08 PM

Method: ANIONS 12-16-19.mtw
Run operator: wet
Analysis number: 69222

Last save: 12/16/2019 2:50:56 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.54	0.347	18.85	98.24	473.875	95.27	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	23.73	0.777	0.33	1.74	23.551	4.73	0.
7	28.00	0.161	19.19	99.98	497.426	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/18/2019 1:23:11 PM
Printed by: wet

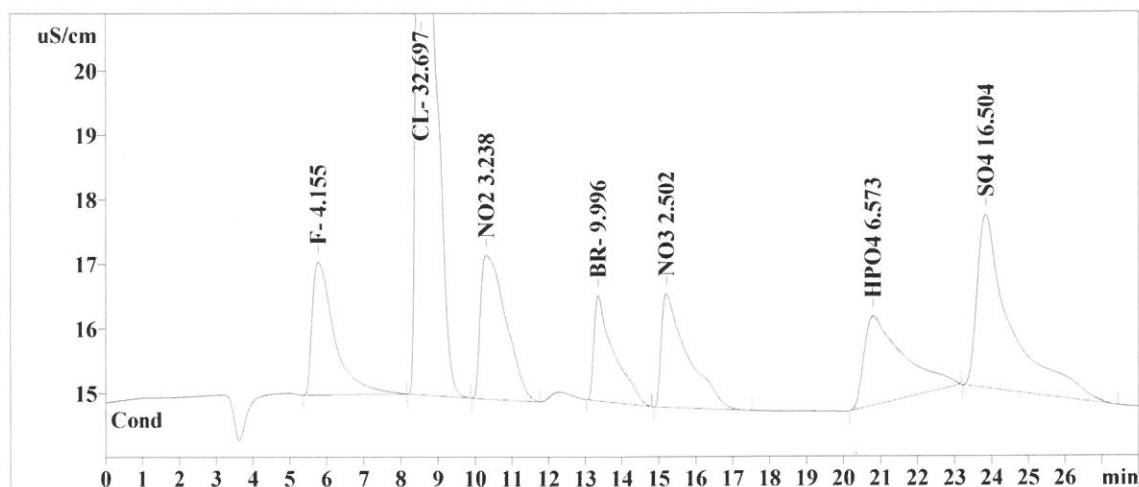
Ident: K6347-03MS
Analysis from: 12/17/2019 3:27:13 PM
File: _2019-12-17_

Last save: 12/17/2019 3:55:02 PM

Method: ANIONS 12-16-19.mtw
Run operator: wet
Analysis number: 69223

Last save: 12/16/2019 2:50:56 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	5.77	0.583	2.06	6.66	86.674	7.98	0.
2	8.53	0.339	19.11	61.93	472.692	43.52	0.
3	10.30	0.773	2.22	7.21	106.847	9.84	0.
4	13.35	0.524	1.63	5.28	61.522	5.66	0.
5	15.20	0.680	1.76	5.71	87.479	8.05	0.
6	20.79	1.048	1.39	4.49	101.333	9.33	0.
7	23.83	0.685	2.68	8.69	169.722	15.62	0.
7	28.00	0.662	30.86	99.99	1086.268	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/18/2019 1:23:40 PM
 Printed by: wet

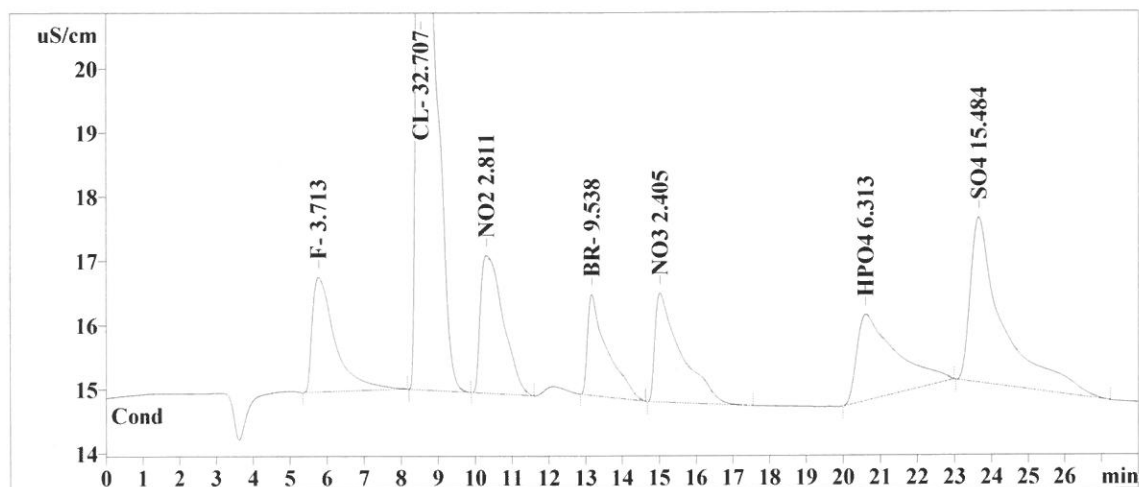
Ident: K6347-03MSD
 Analysis from: 12/17/2019 3:58:08 PM
 File: _2019-12-17_

Last save: 12/17/2019 4:25:56 PM

Method: ANIONS 12-16-19.mtw
 Run operator: wet
 Analysis number: 69224

Last save: 12/16/2019 2:50:56 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	5.77	0.597	1.79	5.93	77.452	7.43	0.
2	8.53	0.337	19.15	63.22	472.835	45.37	0.
3	10.30	0.668	2.15	7.09	92.528	8.88	0.
4	13.16	0.511	1.57	5.19	58.624	5.63	0.
5	15.02	0.670	1.70	5.62	84.067	8.07	0.
6	20.61	1.044	1.35	4.44	97.502	9.36	0.
7	23.65	0.663	2.57	8.49	159.093	15.27	0.
7	28.00	0.641	30.28	99.98	1042.102	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 12/18/2019 1:24:01 PM
Printed by: wet

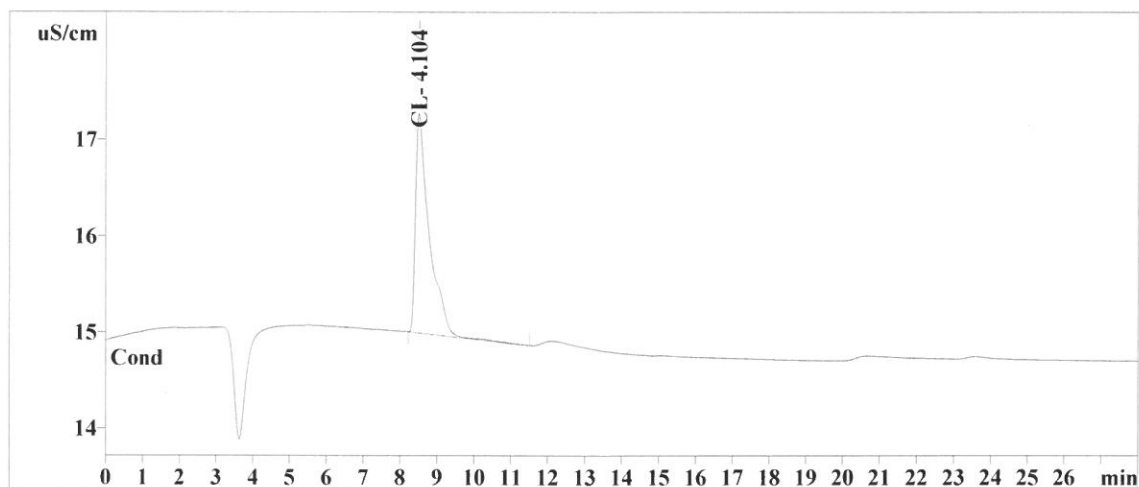
Ident: K6347-01DLX50
Analysis from: 12/17/2019 4:29:02 PM
File: _2019-12-17_

Last save: 12/17/2019 4:56:52 PM

Method: ANIONS 12-16-19.mtw
Run operator: wet
Analysis number: 69225

Last save: 12/16/2019 2:50:56 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.50	0.351	2.28	99.95	59.133	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	0.050	2.28	99.95	59.133	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/18/2019 1:24:08 PM
Printed by: wet

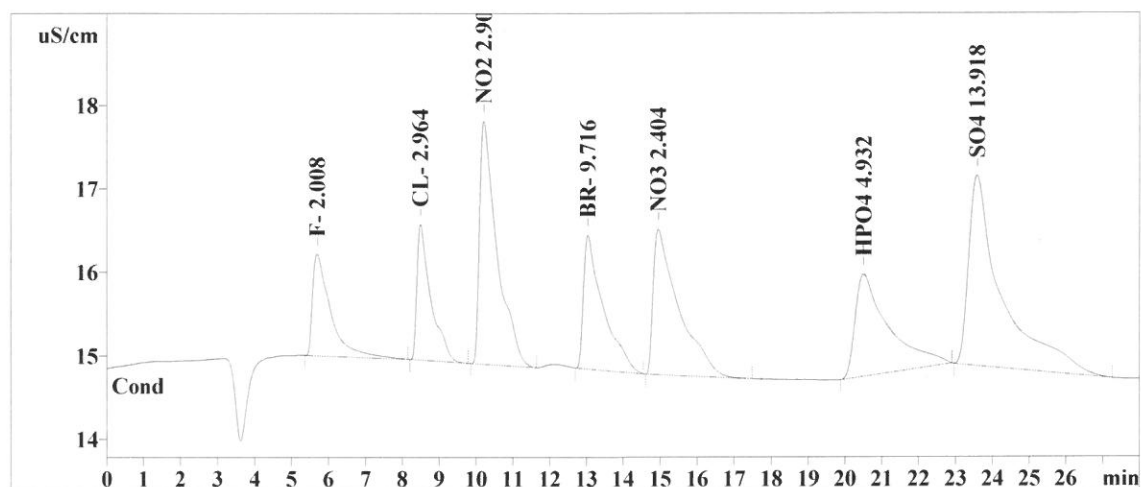
Ident: CCV
Analysis from: 12/17/2019 4:59:57 PM
File: _2019-12-17_

Last save: 12/17/2019 5:27:46 PM

Method: ANIONS 12-16-19.mtw
Run operator: wet
Analysis number: 69226

Last save: 12/16/2019 2:50:56 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	5.69	0.483	1.22	9.65	41.846	7.69	0.
2	8.49	0.362	1.62	12.87	42.636	7.84	0.
3	10.21	0.460	2.91	23.12	95.829	17.61	0.
4	13.04	0.527	1.60	12.70	59.748	10.98	0.
5	14.94	0.673	1.74	13.81	84.007	15.44	0.
6	20.50	0.845	1.23	9.73	77.195	14.19	0.
7	23.58	0.674	2.28	18.09	142.772	26.24	0.
7	28.00	0.575	12.59	99.98	544.034	100.00	0.

This report has been created by IC Net
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Report date: 12/18/2019 1:24:16 PM
Printed by: wet

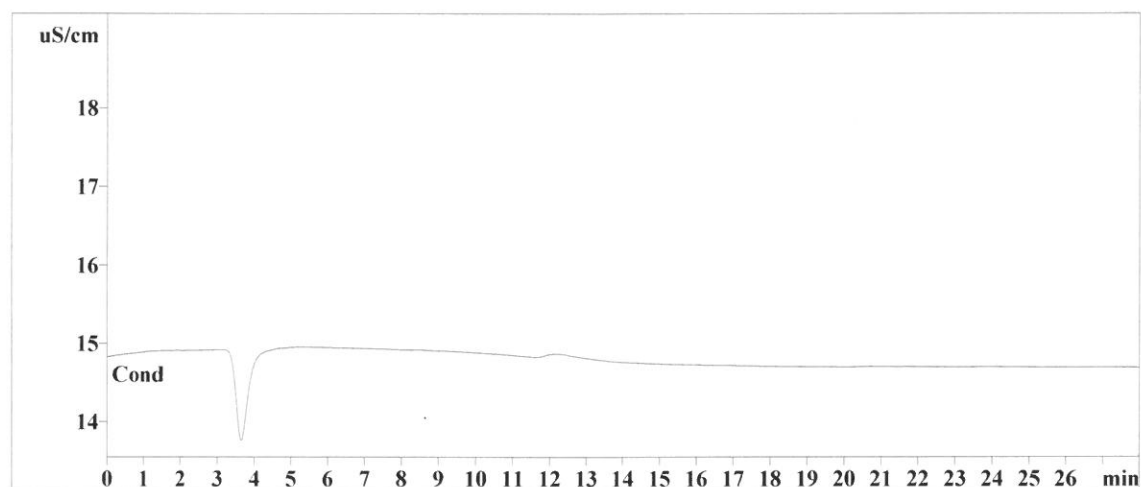
Ident: CCB
Analysis from: 12/17/2019 5:30:51 PM
File: _2019-12-17_

Last save: 12/17/2019 5:58:40 PM

Method: ANIONS 12-16-19.mtw
Run operator: wet
Analysis number: 69227

Last save: 12/16/2019 2:50:56 PM

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 12/18/2019 1:24:24 PM
Printed by: wet

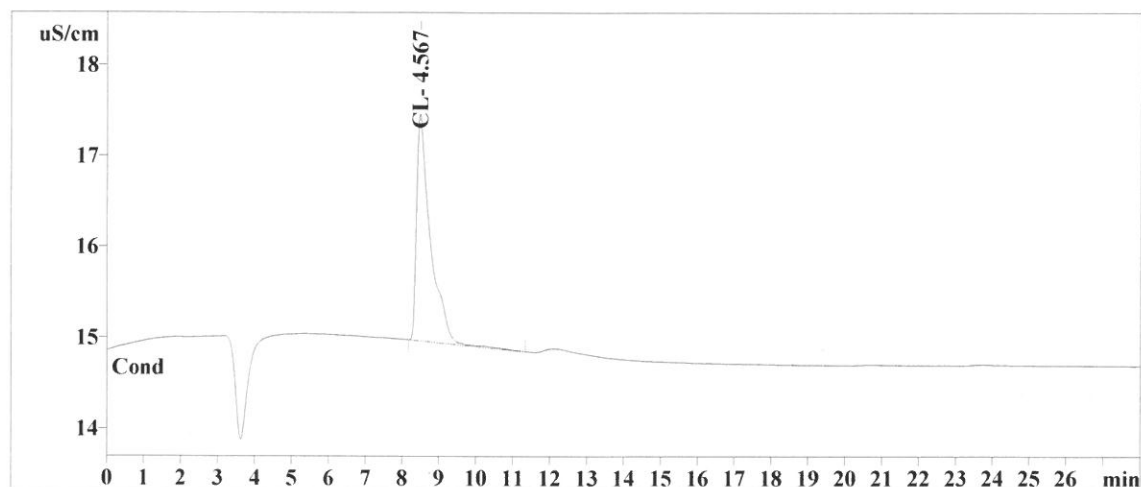
Ident: K6347-02DLX200
Analysis from: 12/17/2019 6:01:46 PM
File: _2019-12-17_

Last save: 12/17/2019 6:29:34 PM

Method: ANIONS 12-16-19.mtw
Run operator: wet
Analysis number: 69228

Last save: 12/16/2019 2:50:56 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.47	0.357	2.49	99.97	65.819	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	0.051	2.49	99.97	65.819	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/18/2019 1:24:36 PM
Printed by: wet

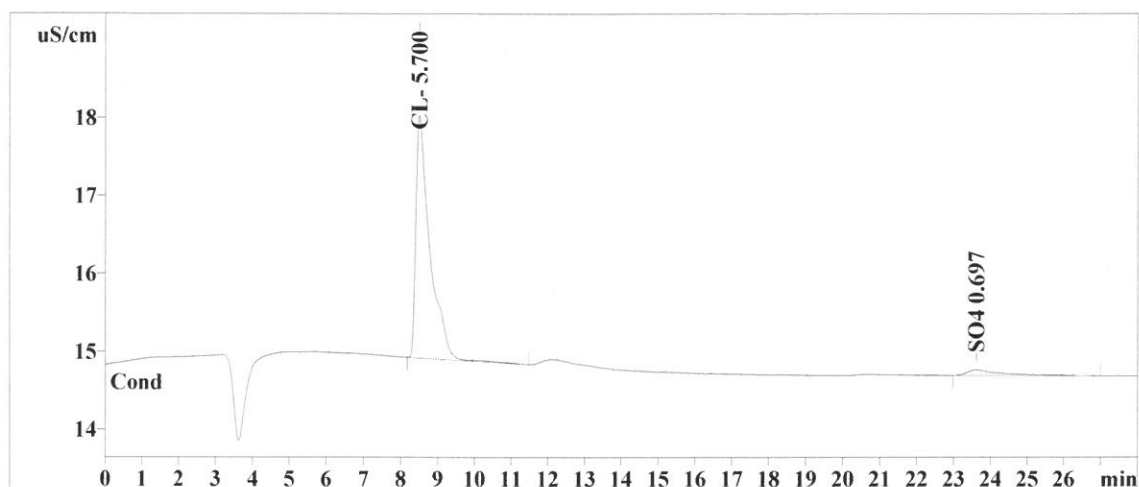
Ident: K6347-03DLX5
Analysis from: 12/17/2019 6:32:40 PM
File: _2019-12-17_

Last save: 12/17/2019 7:00:30 PM

Method: ANIONS 12-16-19.mtw
Run operator: wet
Analysis number: 69229

Last save: 12/16/2019 2:50:56 PM

SAMPLE:
: AK/AP
Vial number: 18
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.49	0.358	3.11	97.70	82.220	94.31	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	23.62	0.767	0.07	2.27	4.964	5.69	0.
7	28.00	0.161	3.19	99.97	87.184	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/18/2019 1:24:44 PM
Printed by: wet

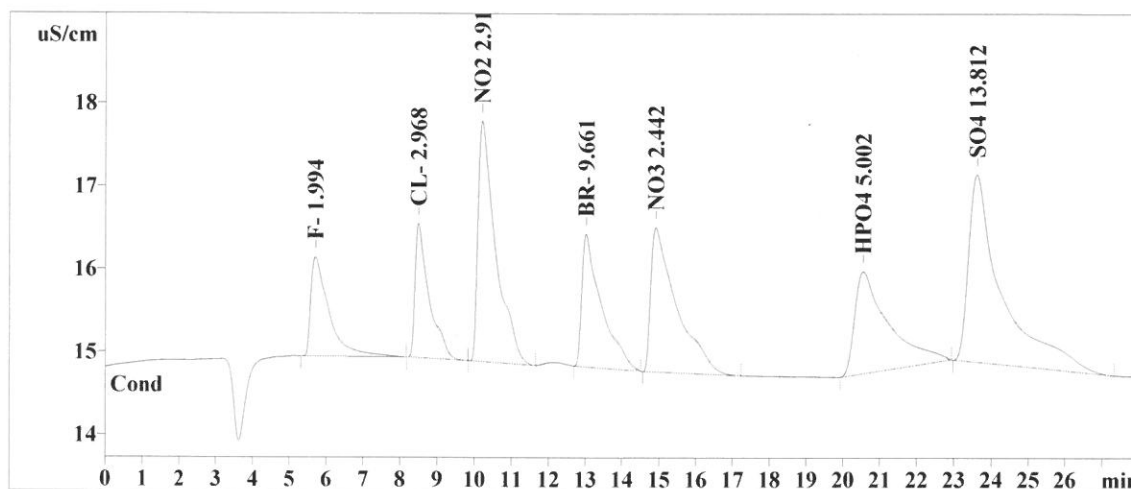
Ident: CCV
Analysis from: 12/17/2019 7:03:35 PM
File: _2019-12-17_

Last save: 12/17/2019 7:31:24 PM

Method: ANIONS 12-16-19.mtw
Run operator: wet
Analysis number: 69230

Last save: 12/16/2019 2:50:56 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	5.70	0.493	1.20	9.52	41.565	7.63	0.
2	8.49	0.362	1.62	12.89	42.696	7.84	0.
3	10.20	0.463	2.90	23.11	95.979	17.61	0.
4	13.01	0.525	1.60	12.75	59.402	10.90	0.
5	14.89	0.683	1.74	13.88	85.349	15.66	0.
6	20.54	0.862	1.23	9.83	78.225	14.36	0.
7	23.60	0.677	2.26	18.01	141.661	26.00	0.
7	28.00	0.581	12.56	99.98	544.877	100.00	0.

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Report date: 12/18/2019 1:24:52 PM
Printed by: wet

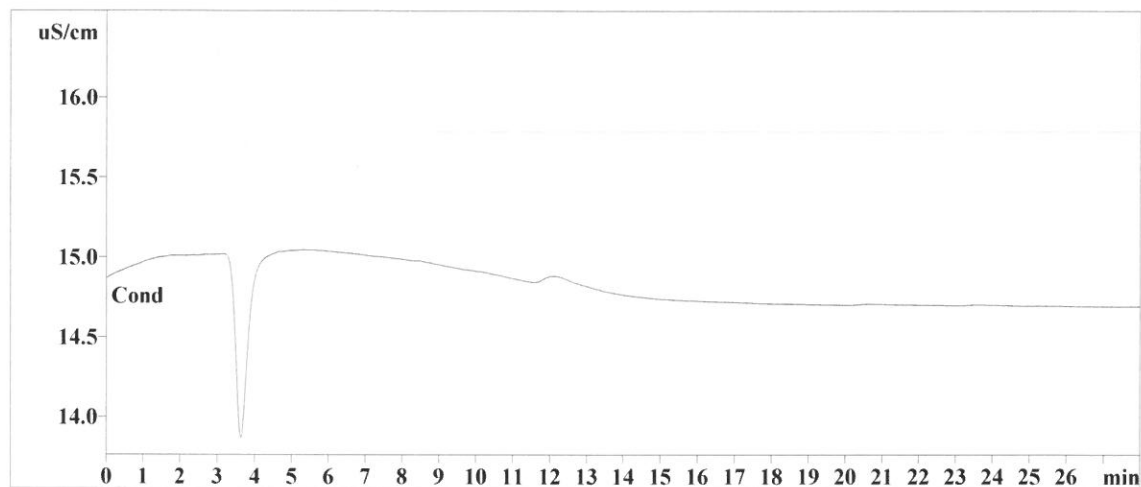
Ident: CCB
Analysis from: 12/17/2019 7:34:29 PM
File: _2019-12-17_

Last save: 12/17/2019 8:02:18 PM

Method: ANIONS 12-16-19.mtw
Run operator: wet
Analysis number: 69231

Last save: 12/16/2019 2:50:56 PM

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD