

LOD/MDL
IC-1 300.0

Clear table

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	2019-12-09_	12/9/19 13:46		AK/AP
STD2	0.2440	0.4090	0.4230	1.6200	0.2500	0.3890	1.9430	2019-12-09_	12/9/19 14:18		AK/AP
STD3	0.4010	0.6390	0.6550	2.1720	0.4980	1.0010	3.2270	2019-12-09_	12/9/19 14:50		AK/AP
STD4	0.7210	1.1290	1.1180	3.2340	0.9890	1.9600	5.5500	2019-12-09_	12/9/19 15:22		AK/AP
STD5	1.9690	2.9170	2.8610	7.7700	2.5200	4.9300	14.5600	2019-12-09_	12/9/19 15:54		AK/AP
STD6	3.9750	5.8830	5.8540	15.7690	5.0330	9.8270	29.4260	2019-12-09_	12/9/19 16:25		AK/AP
STD7	5.0840	7.6350	7.6560	25.5340	6.3880	12.6350	38.2570	2019-12-09_	12/9/19 16:57		AK/AP
ICV	2.0700	3.0160	2.9570	9.9580	2.4780	5.2960	15.4890	2019-12-09_	12/9/19 17:29		AK/AP
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-12-09_	12/9/19 18:01		AK/AP
CCV	1.8770	2.8230	2.8000	9.3910	2.3520	4.6490	14.1370	2019-12-11_	12/11/19 10:28		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-12-11_	12/11/19 11:00		AK/AP
LB106709BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-12-11_	12/11/19 11:31		AK/AP
LB106709BSW	1.9540	2.8270	2.8370	9.5180	2.3480	5.0160	14.1460	2019-12-11_	12/11/19 12:01		AK/AP
K51111-09	0.1350	0.2430	0.2290	0.7210	0.1920	0.1040	1.0580	2019-12-11_	12/11/19 12:32		AK/AP
K51111-09RE	0.2550	0.3590	0.3580	1.1540	0.2940	0.4540	1.7550	2019-12-11_	12/11/19 13:03		AK/AP
K6248-01	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-12-11_	12/11/19 13:34		AK/AP
K6248-01DUP	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-12-11_	12/11/19 14:05		AK/AP
K6248-01MS	1.9020	2.9960	2.9100	9.7210	2.4500	4.8090	14.5590	2019-12-11_	12/11/19 14:36		AK/AP
K6248-01MSD	1.8620	2.9150	2.9320	9.8050	2.4580	4.8070	14.0920	2019-12-11_	12/11/19 15:07		AK/AP
K6258-02	0.4480	10039.8070	0.0000	20.3460	3.9420	0.0000	1300.8970	2019-12-11_	12/11/19 15:38		AK/AP
K6258-01	0.1530	593.0110	0.1380	2.3260	13.5720	0.0000	62.1870	2019-12-11_	12/11/19 16:09		AK/AP
CCV	1.9070	2.9450	2.8390	9.5250	2.3750	5.2790	14.3190	2019-12-11_	12/11/19 16:40		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-12-11_	12/11/19 17:11		AK/AP
K6258-01DLX5	0.0000	103.3070	0.0000	0.6610	2.4390	0.0000	11.5530	2019-12-11_	12/11/19 17:41		AK/AP
CCV	1.9620	2.9220	2.9070	9.6890	2.4190	5.4140	14.1320	2019-12-11_	12/11/19 18:12		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-12-11_	12/11/19 18:43		AK/AP

IC 1 col
12-09-19 AL

Report date: 12/12/2019 11:31:48 AM
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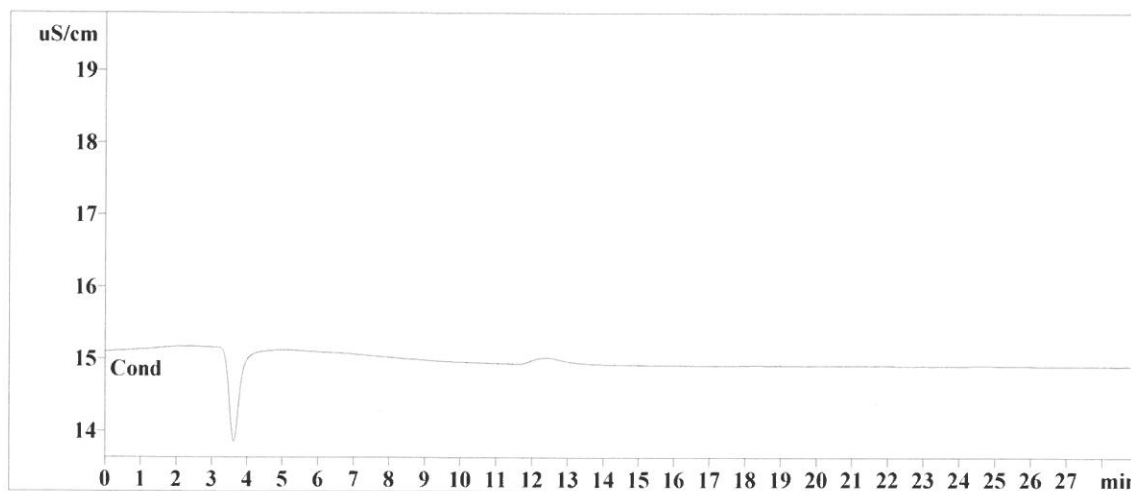
Ident: STD1
Analysis from: 12/9/2019 1:46:28 PM
File: _2019-12-09_

Last save: 12/9/2019 2:15:16 PM

Method: ANIONS 12-09-19.mtw
Run operator: wet
Analysis number: 69075

Last save: 12/9/2019 11:41:30 AM

SAMPLE:
: AK/AP
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: 12/12/2019 11:32:50 AM
Printed by: wet

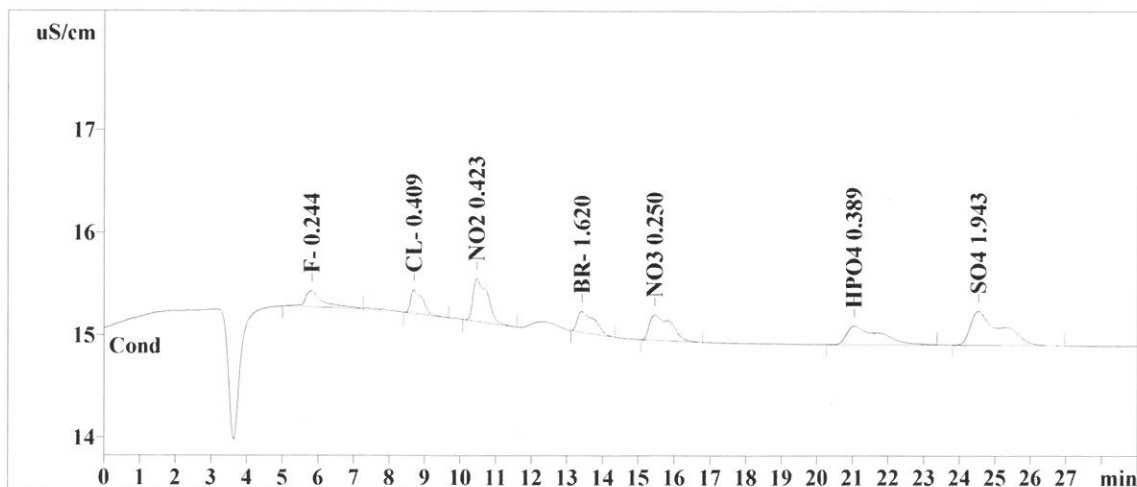
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Method: ANIONS 12-09-19.mtw
Run operator: wet
Analysis number: 69076

Last save: 12/9/2019 2:15:16 PM

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	5.80	0.391	0.16	8.88	5.386	7.50	0.
2	8.69	0.399	0.23	12.87	5.325	7.41	0.
3	10.46	0.487	0.42	23.47	11.893	16.56	0.
4	13.42	0.599	0.20	11.53	6.901	9.61	0.
5	15.45	0.737	0.25	14.02	10.495	14.61	0.
6	21.05	1.156	0.18	10.34	11.844	16.49	0.
7	24.53	1.175	0.33	18.65	19.985	27.82	0.
7	29.00	0.706	1.77	99.76	71.829	100.00	0.

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Report date: 12/12/2019 11:33:03 AM
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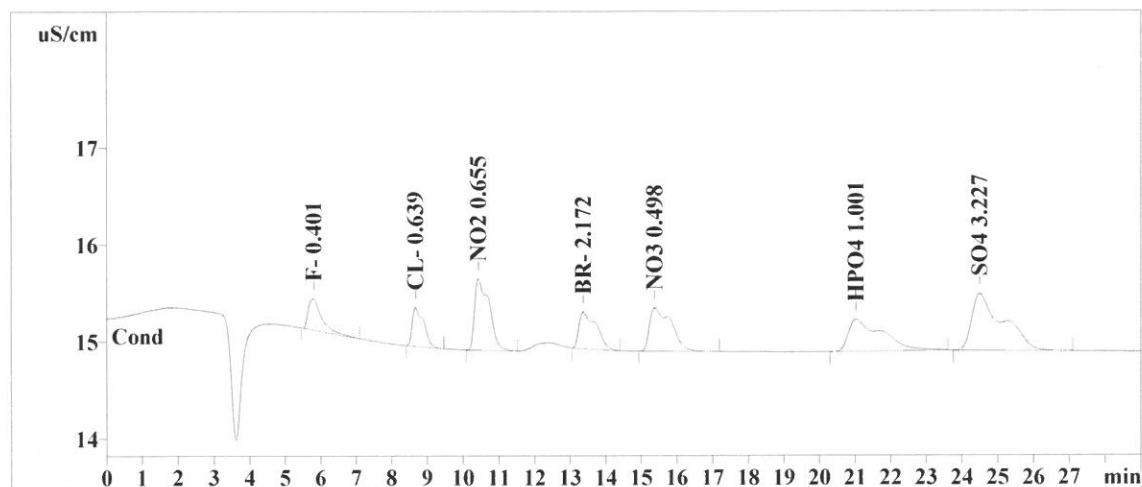
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File: _2019-12-09_

Last save: 12/9/2019 3:19:06 PM

Method: ANIONS 12-09-19.mtw
Run operator: wet
Analysis number: 69077

Last save: 12/9/2019 2:47:10 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	5.79	0.376	0.32	10.10	8.707	6.84	0.
2	8.66	0.394	0.40	12.42	9.030	7.09	0.
3	10.43	0.487	0.74	22.92	20.787	16.33	0.
4	13.37	0.600	0.38	11.79	12.867	10.11	0.
5	15.37	0.729	0.45	14.03	18.968	14.90	0.
6	21.03	1.166	0.33	10.35	21.682	17.03	0.
7	24.50	0.985	0.59	18.26	35.239	27.69	0.
7	29.00	0.676	3.20	99.88	127.282	100.00	0.

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Report date: 12/12/2019 11:33:15 AM
Printed by: wet

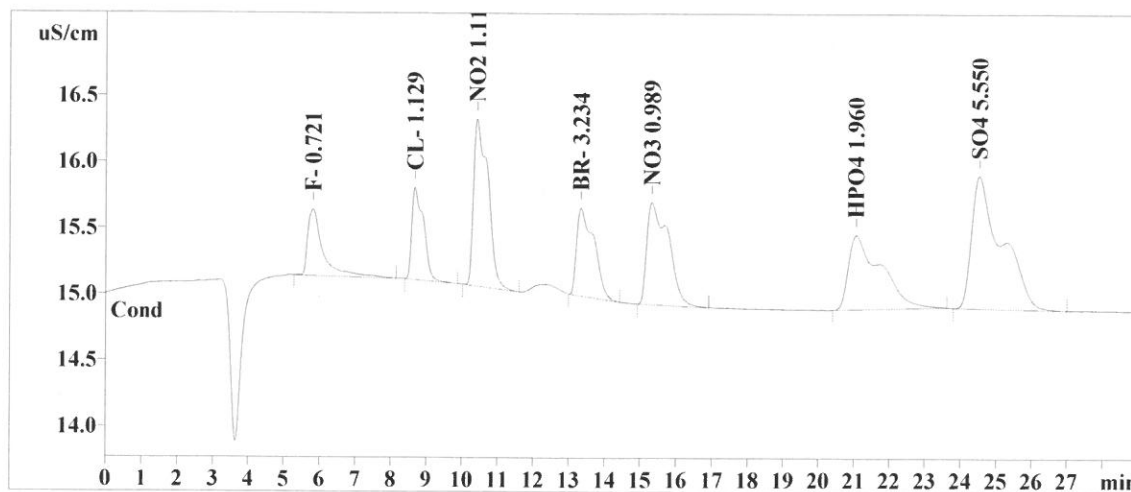
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Analysis from: 12/9/2019 3:22:11 PM
File: _2019-12-09_

Last save: 12/9/2019 3:51:00 PM

Method: ANIONS 12-09-19.mtw
Run operator: wet
Analysis number: 69078

Last save: 12/9/2019 3:19:06 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	5.81	0.364	0.50	9.20	14.722	6.82	0.
2	8.66	0.393	0.70	12.75	15.973	7.40	0.
3	10.41	0.488	1.26	23.09	35.915	16.65	0.
4	13.32	0.592	0.66	12.14	22.170	10.28	0.
5	15.30	0.726	0.77	14.12	32.092	14.88	0.
6	21.04	1.146	0.56	10.27	35.718	16.56	0.
7	24.52	0.832	1.00	18.36	59.128	27.41	0.
7	29.00	0.649	5.45	99.93	215.720	100.00	0.

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Report date: 12/12/2019 11:33:29 AM
Printed by: wet

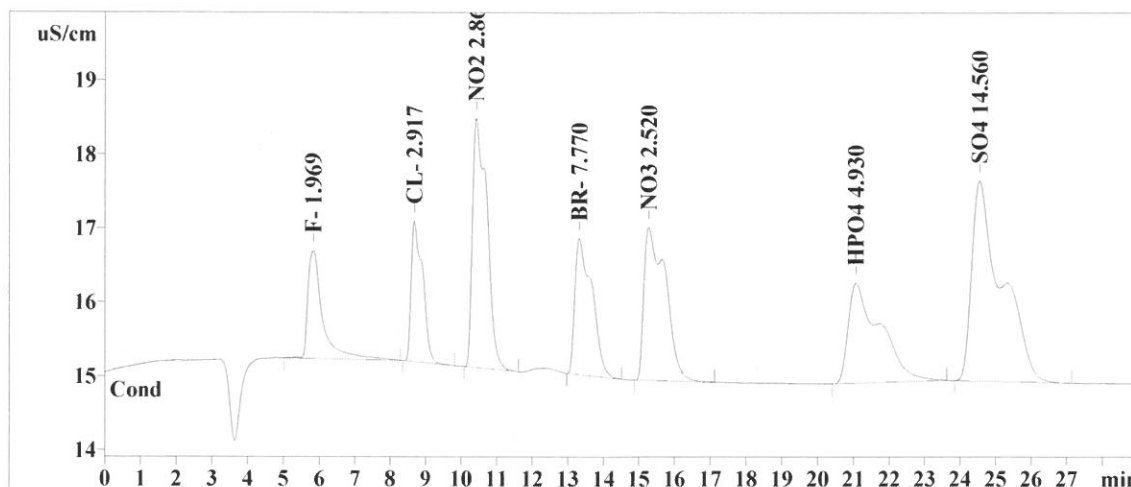
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Method: ANIONS 12-09-19.mtw
Run operator: wet
Analysis number: 69079

Last save: 12/9/2019 3:51:00 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	5.82	0.355	1.46	9.93	41.224	7.22	0.
2	8.67	0.393	1.89	12.90	43.067	7.54	0.
3	10.41	0.490	3.36	22.91	96.714	16.93	0.
4	13.30	0.584	1.84	12.53	61.131	10.70	0.
5	15.26	0.727	2.07	14.06	86.538	15.15	0.
6	21.05	1.121	1.35	9.20	83.674	14.65	0.
7	24.53	0.686	2.71	18.43	158.879	27.81	0.
7	29.00	0.622	14.68	99.97	571.227	100.00	0.

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Report date: 12/12/2019 11:33:39 AM
Printed by: wet

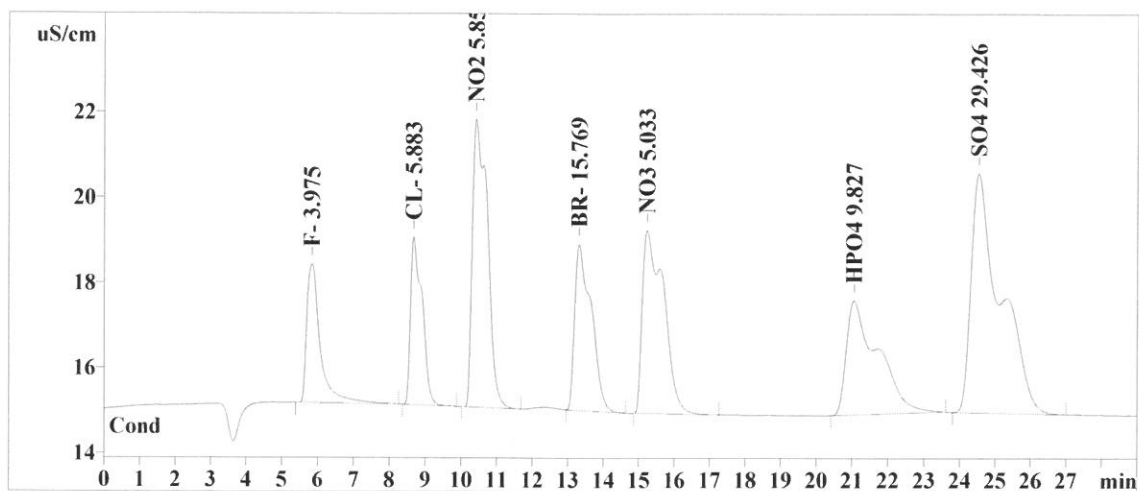
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Last save: 12/9/2019 4:54:48 PM

Method: ANIONS 12-09-19.mtw
Run operator: wet
Analysis number: 69080

Last save: 12/9/2019 4:22:54 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	5.84	0.346	3.24	10.69	84.168	7.23	0.
2	8.67	0.387	3.92	12.92	87.649	7.53	0.
3	10.40	0.501	6.74	22.21	200.391	17.21	0.
4	13.31	0.567	3.88	12.79	126.264	10.84	0.
5	15.22	0.723	4.28	14.11	178.700	15.34	0.
6	21.05	1.105	2.67	8.80	162.746	13.97	0.
7	24.53	0.667	5.61	18.47	324.666	27.88	0.
7	29.00	0.614	30.35	99.99	1164.583	100.00	0.

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Report date: 12/12/2019 11:33:50 AM
Printed by: wet

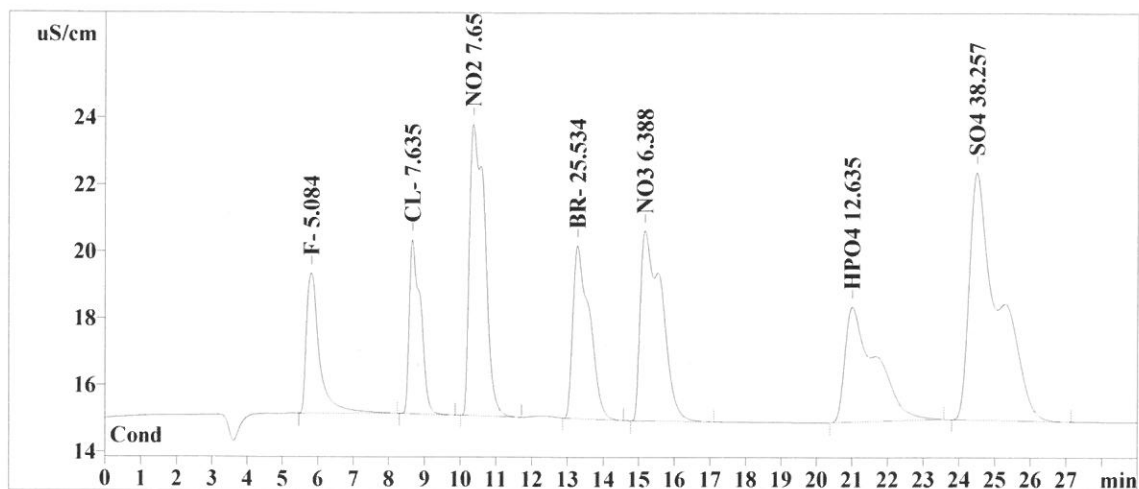
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Analysis from: 12/9/2019 4:57:53 PM
File: _2019-12-09_

Last save: 12/9/2019 5:26:42 PM

Method: ANIONS 12-09-19.mtw
Run operator: wet
Analysis number: 69081

Last save: 12/9/2019 4:54:48 PM

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



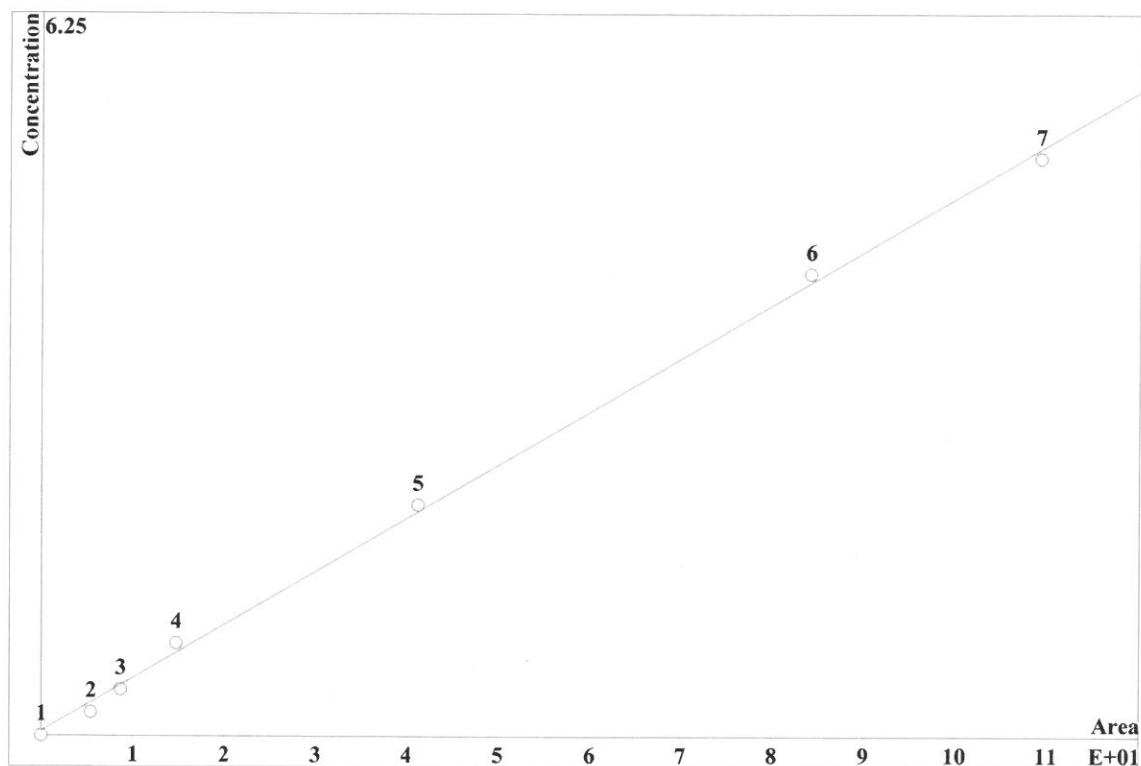
Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.80	0.349	4.19	10.53	109.316	7.19	0.
2	8.65	0.382	5.20	13.07	114.253	7.51	0.
3	10.35	0.505	8.71	21.90	262.762	17.28	0.
4	13.27	0.558	5.16	12.97	166.097	10.92	0.
5	15.16	0.720	5.68	14.28	235.172	15.47	0.
6	21.00	1.091	3.44	8.64	207.701	13.66	0.
7	24.49	0.656	7.40	18.59	425.159	27.96	0.
7	29.00	0.609	39.77	99.99	1520.461	100.00	0.

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CALIBRATION OF COMPONENT F-

Method: ANIONS 12-09-19.mtw
 Equation: $Q = 0.922724 \cdot A + 0.80668$
 RSD: 4.350 %
 Correlation coefficient: 0.999200



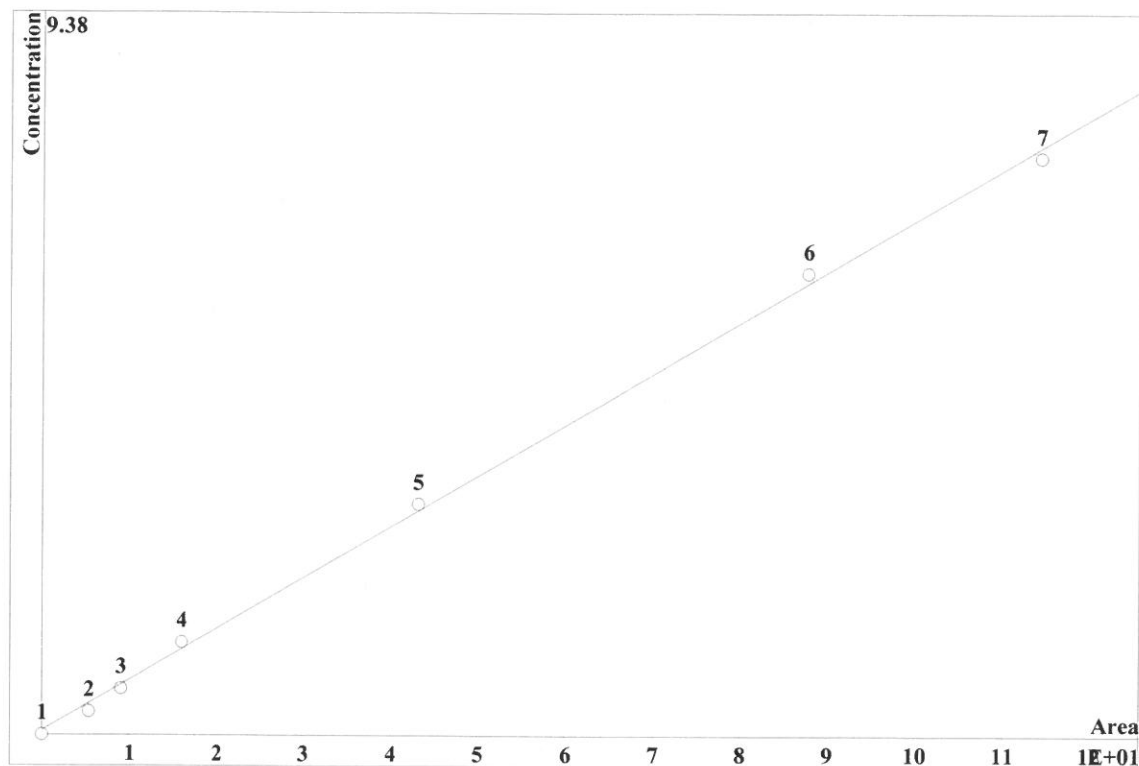
K3 = 0 K2 = 0 K1 = 0.922724 K0 = 0.80668

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	0.1577	5.386	0.2	20	5.943			Yes
3	0.3246	8.707	0.4	20	5.943			Yes
4	0.5028	14.72	0.8	20	5.943			Yes
5	1.458	41.22	2	20	5.943			Yes
6	3.245	84.17	4	20	5.943			Yes
7	4.19	109.3	5	20	5.943			Yes

CALIBRATION OF COMPONENT CL-

Method: ANIONS 12-09-19.mtw
 Equation: $Q = 1.32647 \cdot A + 1.13741$
 RSD: 4.104 %
 Correlation coefficient: 0.999288



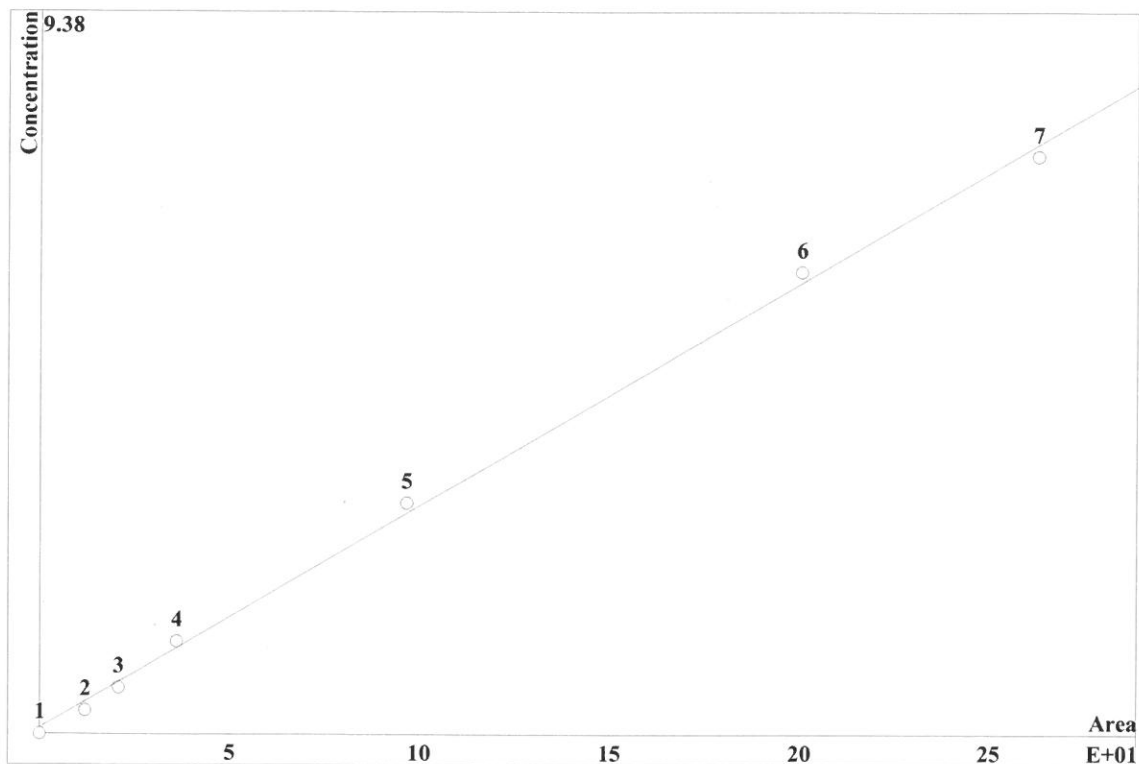
K3 = 0 K2 = 0 K1 = 1.32647 K0 = 1.13741

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	0.2285	5.325	0.3	20	8.829			Yes
3	0.3986	9.03	0.6	20	8.829			Yes
4	0.6955	15.97	1.2	20	8.829			Yes
5	1.896	43.07	3	20	8.829			Yes
6	3.923	87.65	6	20	8.829			Yes
7	5.202	114.3	7.5	20	8.829			Yes

CALIBRATION OF COMPONENT NO2

Method: ANIONS 12-09-19.mtw
 Equation: $Q = 0.576702 \cdot A + 1.5941$
 RSD: 4.850 %
 Correlation coefficient: 0.999005



K3 = 0 K2 = 0 K1 = 0.576702 K0 = 1.5941

Base: Area

Ref.channel: Cond

ISTD:

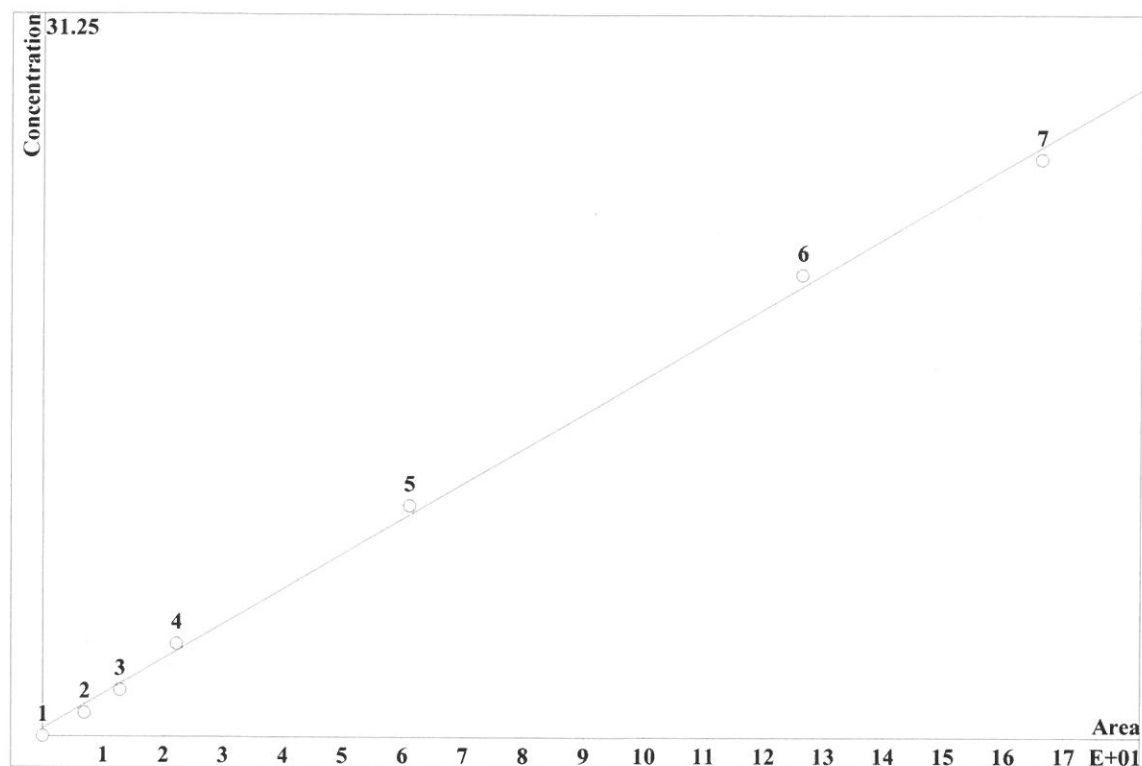
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.4164	11.89	0.3	20	10.66	Yes	
3	0.7355	20.79	0.6	20	10.66	Yes	
4	1.26	35.91	1.2	20	10.66	Yes	
5	3.366	96.71	3	20	10.66	Yes	
6	6.743	200.4	6	20	10.66	Yes	
7	8.712	262.8	7.5	20	10.66	Yes	

CALIBRATION OF COMPONENT BR-

Method: ANIONS 12-09-19.mtw
 Equation: $Q = 3.0342 \cdot A + 6.69783$
 RSD: 4.878 %
 Correlation coefficient: 0.998994



K3 = 0 K2 = 0 K1 = 3.0342 K0 = 6.69783

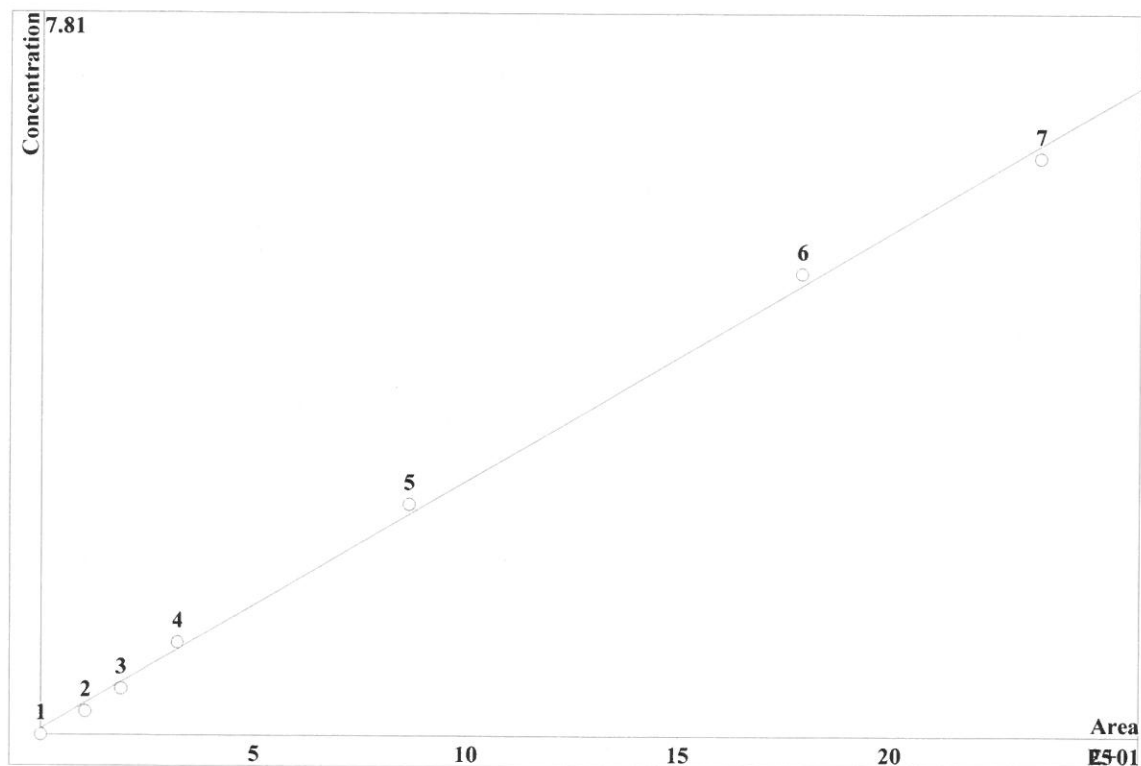
Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.2047	6.901	1	20	13.22		Yes
3	0.3789	12.87	2	20	13.22		Yes
4	0.6625	22.17	4	20	13.22		Yes
5	1.841	61.13	10	20	13.22		Yes
6	3.884	126.3	20	20	13.22		Yes
7	5.161	166.1	25	20	13.22		Yes

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CALIBRATION OF COMPONENT NO3

Method: ANIONS 12-09-19.mtw
 Equation: $Q = 0.537745 \cdot A + 1.30099$
 RSD: 5.048 %
 Correlation coefficient: 0.998922



K3 = 0 K2 = 0 K1 = 0.537745 K0 = 1.30099

Base: Area

Ref.channel: Cond

ISTD:

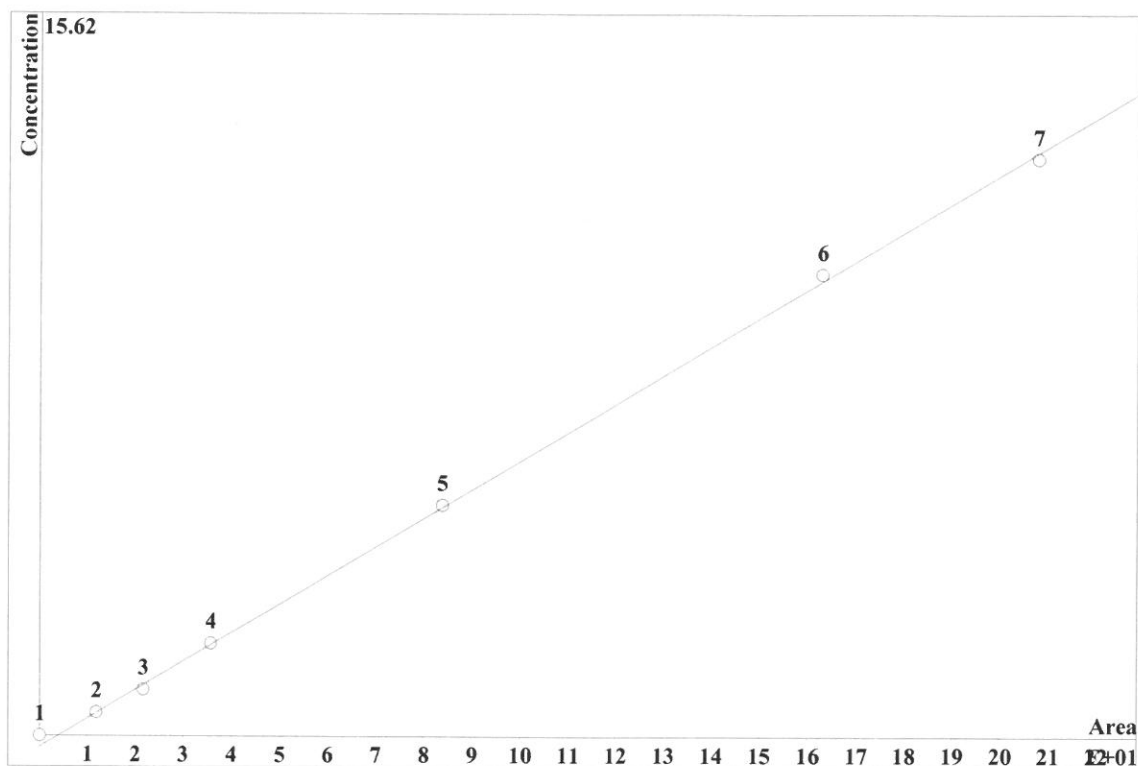
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.2491	10.49	0.25	20	15.85	Yes	
3	0.4501	18.97	0.5	20	15.85	Yes	
4	0.7703	32.09	1	20	15.85	Yes	
5	2.066	86.54	2.5	20	15.85	Yes	
6	4.284	178.7	5	20	15.85	Yes	
7	5.678	235.2	6.25	20	15.85	Yes	

CALIBRATION OF COMPONENT HPO4

Method: ANIONS 12-09-19.mtw
 Equation: $Q = 1.23979 \cdot A - 4.81094$
 RSD: 2.282 %
 Correlation coefficient: 0.999780



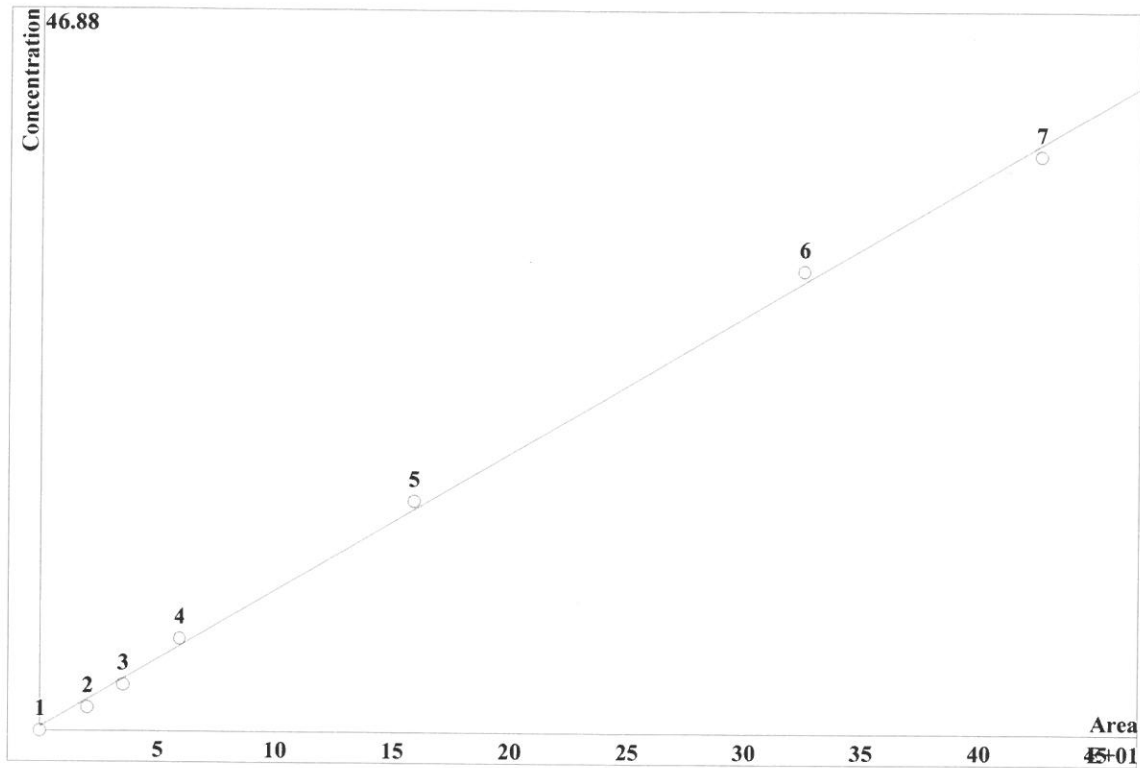
K3 = 0 K2 = 0 K1 = 1.23979 K0 = -4.81094

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	0.1838	11.84	0.5	20	21.46		Yes
3	0.3325	21.68	1	20	21.46		Yes
4	0.5611	35.72	2	20	21.46		Yes
5	1.351	83.67	5	20	21.46		Yes
6	2.671	162.7	10	20	21.46		Yes
7	3.438	207.7	12.5	20	21.46		Yes

CALIBRATION OF COMPONENT SO4

Method: ANIONS 12-09-19.mtw
 Equation: $Q = 1.78734 \cdot A + 5.24122$
 RSD: 4.634 %
 Correlation coefficient: 0.999092



K3 = 0 K2 = 0 K1 = 1.78734 K0 = 5.24122

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	0.3311	19.99	1.5	20	24.69		Yes
3	0.5866	35.24	3	20	24.69		Yes
4	1.002	59.13	6	20	24.69		Yes
5	2.708	158.9	15	20	24.69		Yes
6	5.607	324.7	30	20	24.69		Yes
7	7.396	425.2	37.5	20	24.69		Yes

±□□

Report date: 12/12/2019 11:38:13 AM
Printed by: wet

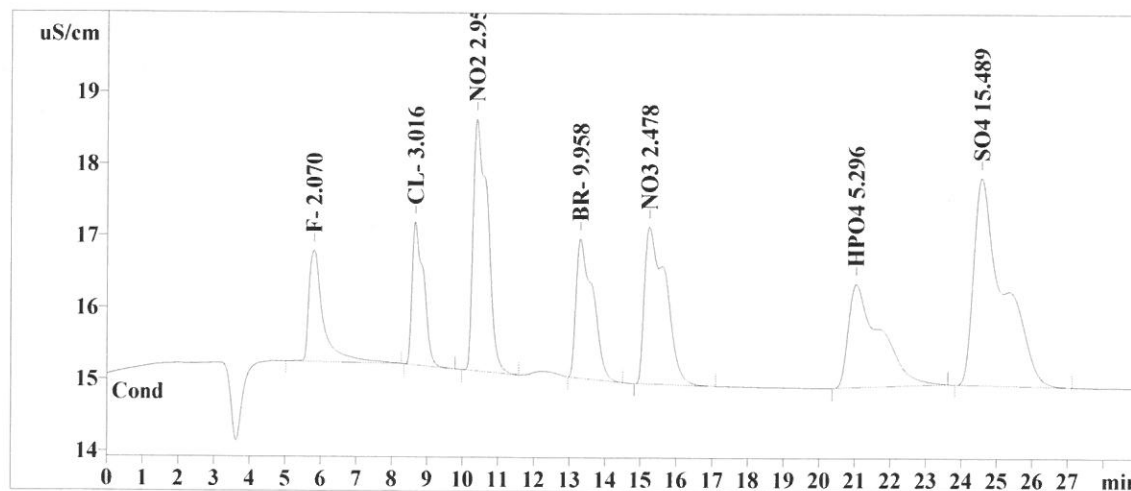
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File: _2019-12-09_

Last save: 12/9/2019 5:58:36 PM

Method: ANIONS 12-09-19.mtw
Run operator: wet
Analysis number: 69082

Last save: 12/9/2019 5:26:42 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	5.80	0.360	1.55	9.98	43.984	7.32	0.
2	8.65	0.388	1.99	12.84	44.611	7.42	0.
3	10.38	0.488	3.51	22.63	99.795	16.60	0.
4	13.29	0.576	1.94	12.52	63.433	10.55	0.
5	15.23	0.720	2.18	14.09	89.728	14.92	0.
6	21.03	1.090	1.44	9.28	89.319	14.86	0.
7	24.56	0.682	2.89	18.64	170.390	28.34	0.
7	29.00	0.615	15.49	99.97	601.260	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/12/2019 11:38:21 AM
Printed by: wet

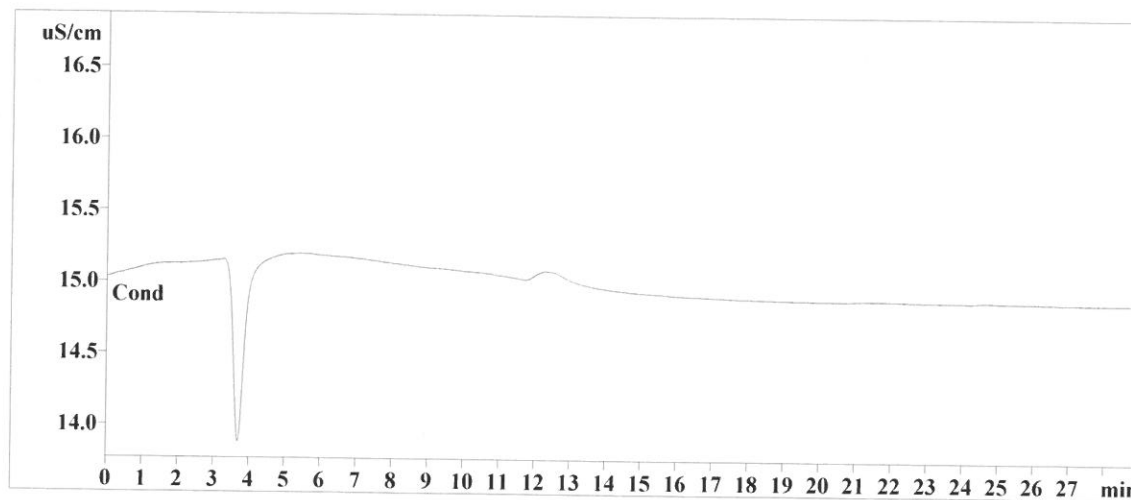
Ident: ICB
Analysis from: 12/9/2019 6:01:41 PM
File: _2019-12-09_

Last save: 12/9/2019 6:30:30 PM

Method: ANIONS 12-09-19.mtw
Run operator: wet
Analysis number: 69083

Last save: 12/9/2019 5:26:42 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

LOD/MOL

IC-1 300.0

Report date: 12/12/2019 1:24:10 PM
Printed by: wet

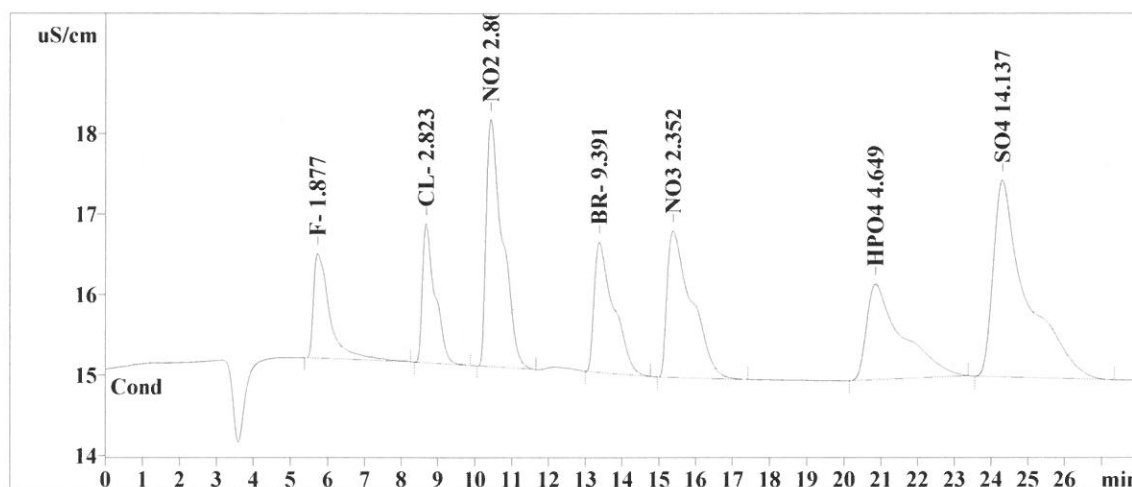
Ident: CCV
Analysis from: 12/11/2019 10:28:30 AM
File: _2019-12-11_

Last save: 12/11/2019 10:56:18 AM

Method: ANIONS 12-09-19.mtw
Run operator: wet
Analysis number: 69119

Last save: 12/10/2019 12:39:12 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	5.72	0.411	1.30	9.86	39.818	7.18	0.
2	8.67	0.343	1.72	13.10	41.712	7.52	0.
3	10.43	0.482	3.07	23.33	94.330	17.00	0.
4	13.37	0.559	1.61	12.26	59.694	10.76	0.
5	15.38	0.795	1.82	13.82	85.073	15.33	0.
6	20.84	0.823	1.19	9.04	78.879	14.22	0.
7	24.30	0.739	2.44	18.56	155.263	27.99	0.
7	28.00	0.593	13.15	99.98	554.768	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/12/2019 1:24:19 PM
Printed by: wet

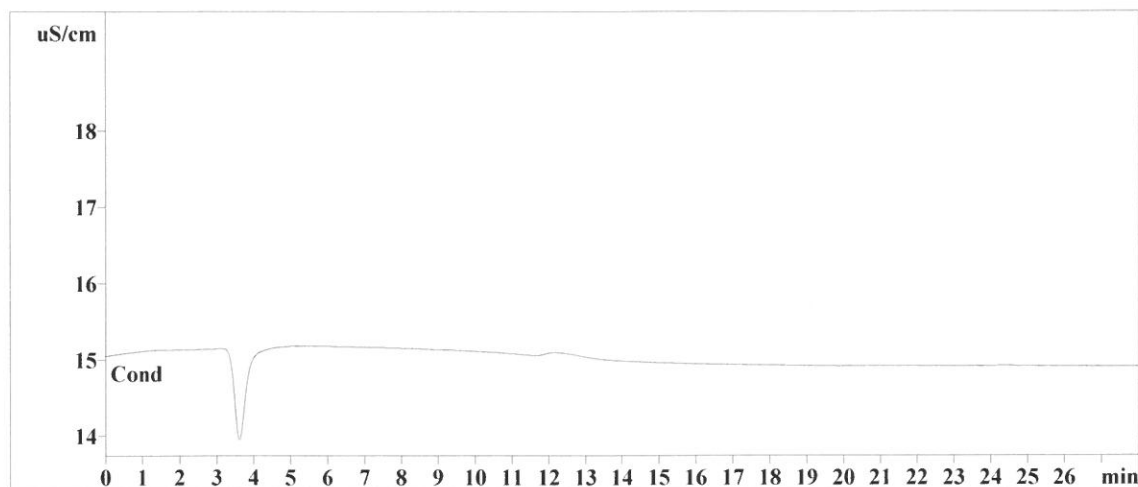
Ident: CCB
Analysis from: 12/11/2019 11:00:06 AM
File: _2019-12-11_

Last save: 12/11/2019 11:27:56 AM

Method: ANIONS 12-09-19.mtw
Run operator: wet
Analysis number: 69120

Last save: 12/10/2019 12:39:12 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: 12/12/2019 1:24:28 PM
Printed by: wet

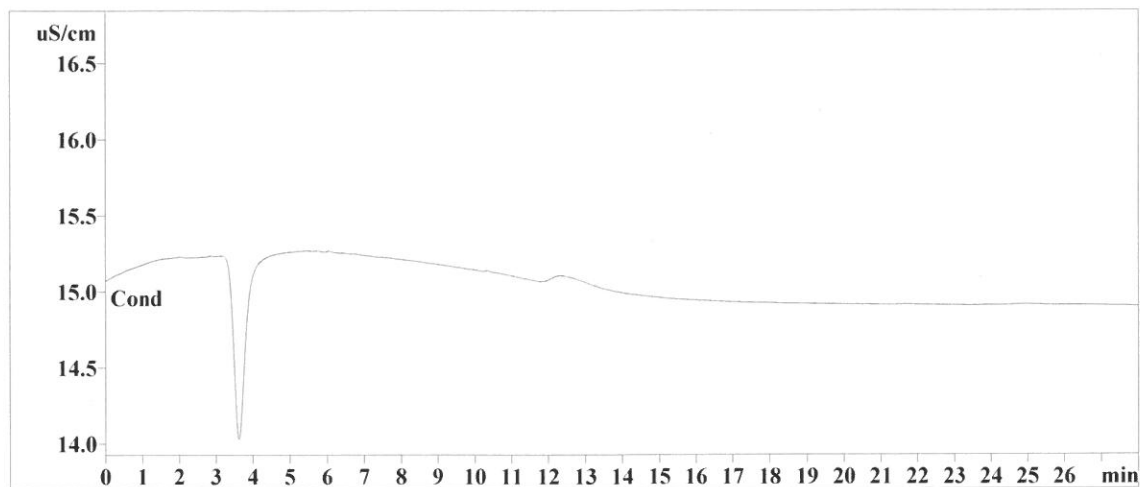
Ident: LB106709BLW
Analysis from: 12/11/2019 11:31:01 AM
File: _2019-12-11_

Last save: 12/12/2019 1:24:04 PM

Method: ANIONS 12-09-19.mtw
Run operator: wet
Analysis number: 69121

Last save: 12/10/2019 12:39:12 PM

SAMPLE:
: AK/AP
Vial number: 4
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

Report date: 12/12/2019 1:24:37 PM
Printed by: wet

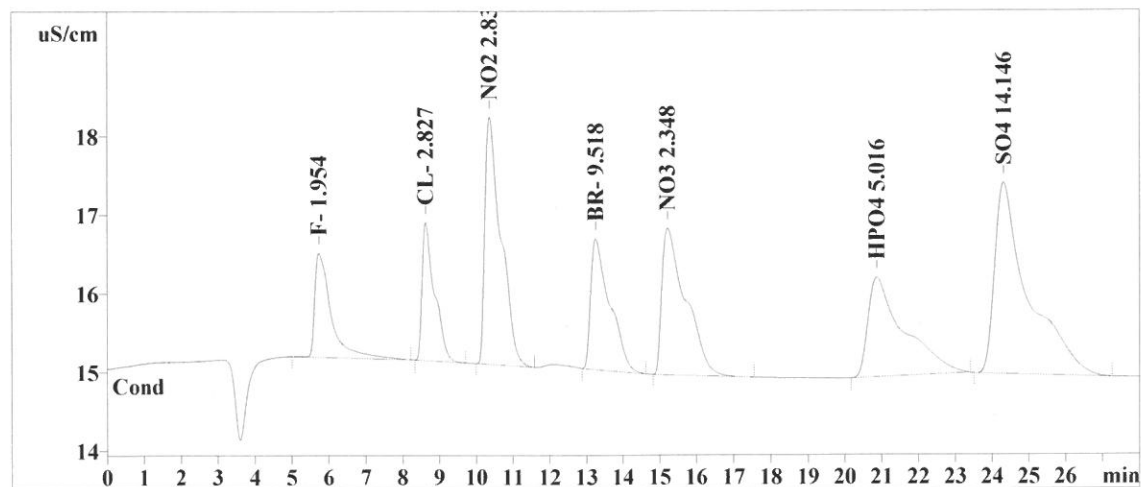
Ident: LB106709BSW
Analysis from: 12/11/2019 12:01:56 PM
File: _2019-12-11_

Last save: 12/12/2019 1:24:04 PM

Method: ANIONS 12-09-19.mtw
Run operator: wet
Analysis number: 69122

Last save: 12/10/2019 12:39:12 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	5.73	0.412	1.32	9.84	41.472	7.35	0.
2	8.62	0.335	1.75	13.04	41.766	7.40	0.
3	10.36	0.464	3.14	23.36	95.625	16.94	0.
4	13.24	0.540	1.66	12.35	60.530	10.72	0.
5	15.21	0.742	1.87	13.87	84.899	15.04	0.
6	20.87	0.824	1.27	9.43	84.793	15.02	0.
7	24.32	0.739	2.43	18.08	155.357	27.52	0.
7	28.00	0.579	13.44	99.97	564.442	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/12/2019 1:25:03 PM
Printed by: wet

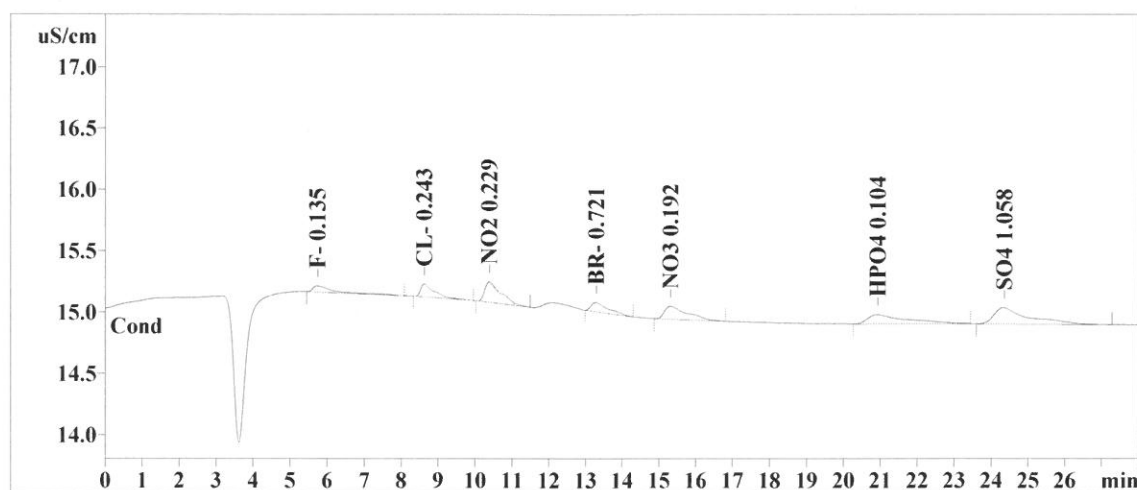
Ident: K5111-09
Analysis from: 12/11/2019 12:32:51 PM
File: _2019-12-11_

Last save: 12/12/2019 1:24:04 PM

Method: ANIONS 12-09-19.mtw
Run operator: wet
Analysis number: 69123

Last save: 12/10/2019 12:39:12 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	5.73	0.459	0.05	6.88	2.059	6.48	0.
2	8.62	0.358	0.11	14.62	2.800	8.82	0.
3	10.38	0.446	0.17	23.33	5.191	16.35	0.
4	13.28	0.470	0.08	10.55	2.547	8.02	0.
5	15.31	0.621	0.11	14.80	4.703	14.81	0.
6	20.92	0.937	0.08	10.52	5.555	17.49	0.
7	24.33	0.770	0.13	18.53	8.902	28.03	0.
7	28.00	0.580	0.72	99.24	31.758	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/12/2019 1:26:16 PM
Printed by: wet

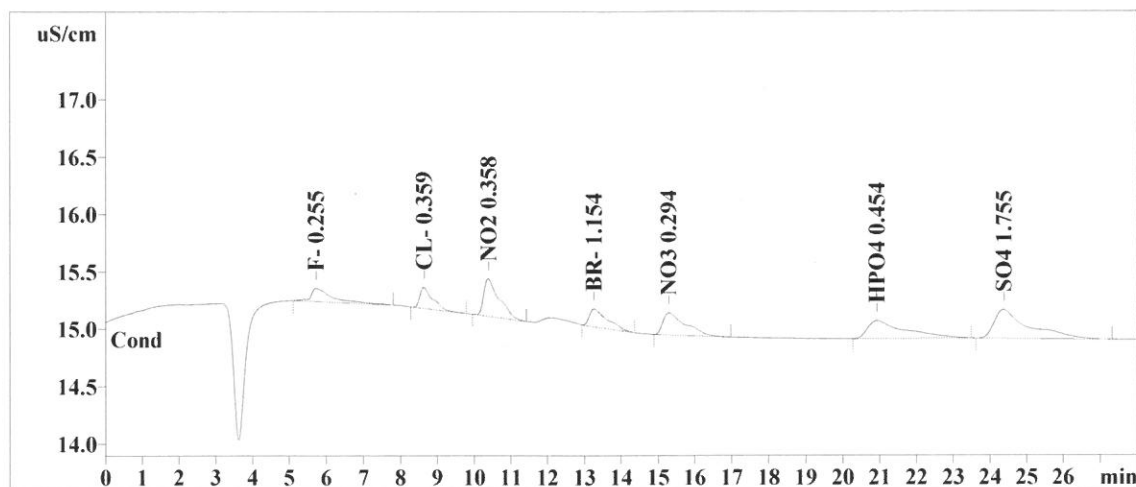
Ident: K5111-09RE
Analysis from: 12/11/2019 1:03:46 PM
File: _2019-12-11_

Last save: 12/12/2019 1:26:14 PM

Method: ANIONS 12-09-19.mtw
Run operator: wet
Analysis number: 69124

Last save: 12/10/2019 12:39:12 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	5.72	0.468	0.11	8.21	4.653	7.67	0.
2	8.62	0.344	0.18	13.29	4.551	7.50	0.
3	10.38	0.423	0.33	23.46	9.656	15.91	0.
4	13.26	0.490	0.16	11.21	5.398	8.90	0.
5	15.28	0.629	0.19	13.89	8.519	14.04	0.
6	20.92	0.916	0.16	11.35	11.202	18.46	0.
7	24.36	0.766	0.25	18.25	16.701	27.52	0.
7	28.00	0.576	1.38	99.66	60.680	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/12/2019 1:26:25 PM
Printed by: wet

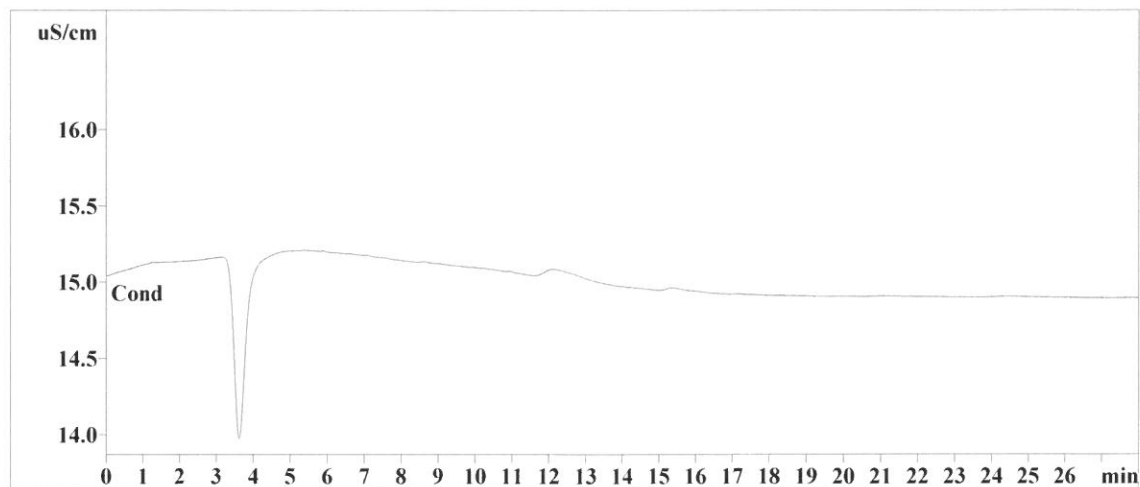
Ident: K6248-01
Analysis from: 12/11/2019 1:34:40 PM
File: _2019-12-11_

Last save: 12/11/2019 2:02:30 PM

Method: ANIONS 12-09-19.mtw
Run operator: wet
Analysis number: 69125

Last save: 12/10/2019 12:39:12 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: 12/12/2019 1:26:33 PM
Printed by: wet

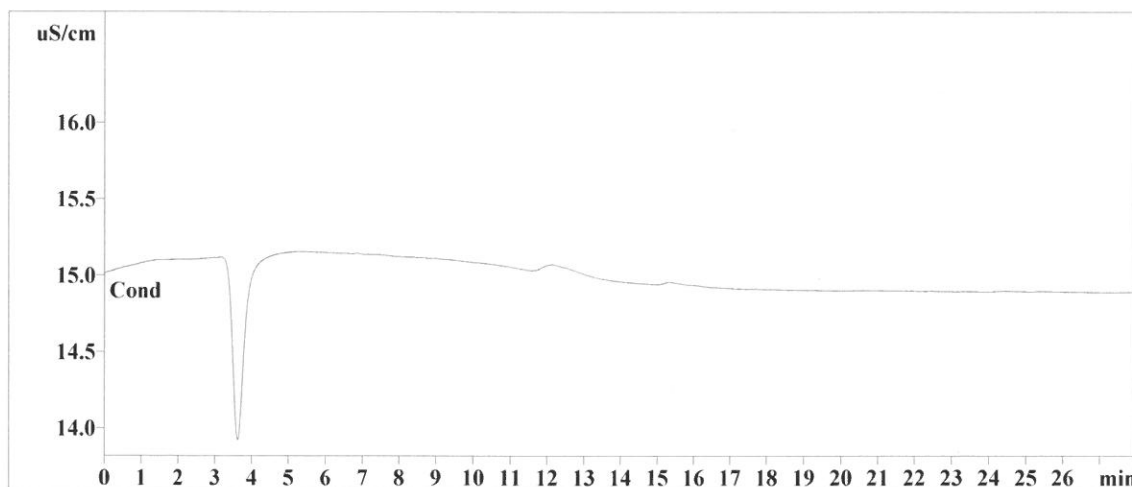
Ident: K6248-01DUP
Analysis from: 12/11/2019 2:05:35 PM
File: _2019-12-11_

Last save: 12/11/2019 2:33:24 PM

Method: ANIONS 12-09-19.mtw
Run operator: wet
Analysis number: 69126

Last save: 12/10/2019 12:39:12 PM

SAMPLE:
: AK/AP
Vial number: 11
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: 12/12/2019 1:26:41 PM
Printed by: wet

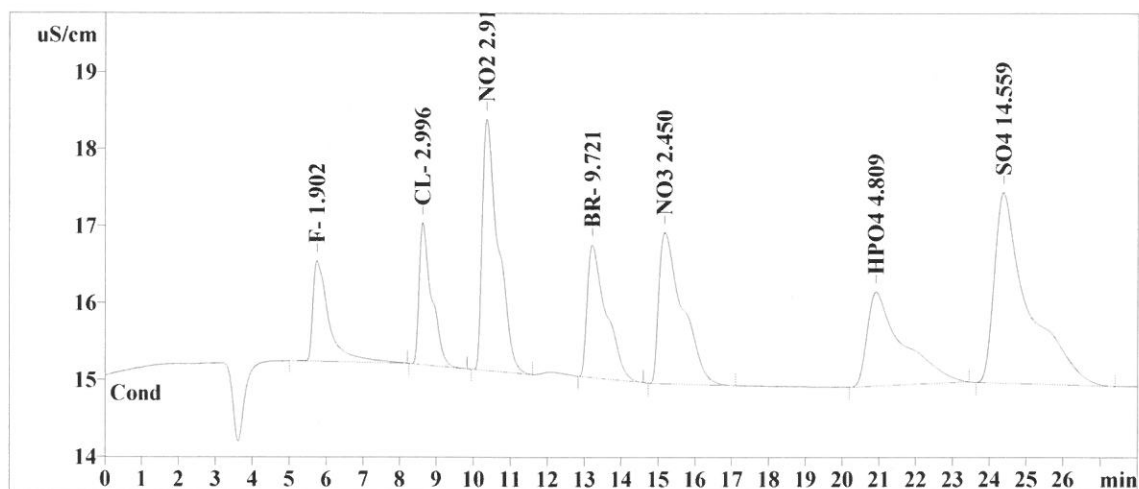
Ident: K6248-01MS
Analysis from: 12/11/2019 2:36:29 PM
File: _2019-12-11_

Last save: 12/11/2019 3:04:18 PM

Method: ANIONS 12-09-19.mtw
Run operator: wet
Analysis number: 69127

Last save: 12/10/2019 12:39:12 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	5.73	0.408	1.31	9.46	40.348	7.02	0.
2	8.61	0.332	1.84	13.34	44.308	7.71	0.
3	10.35	0.436	3.26	23.66	98.150	17.07	0.
4	13.20	0.515	1.73	12.51	61.868	10.76	0.
5	15.16	0.664	1.97	14.24	88.720	15.43	0.
6	20.91	0.820	1.22	8.84	81.457	14.17	0.
7	24.38	0.757	2.48	17.94	159.985	27.83	0.
7	28.00	0.562	13.80	99.99	574.837	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/12/2019 1:26:48 PM
Printed by: wet

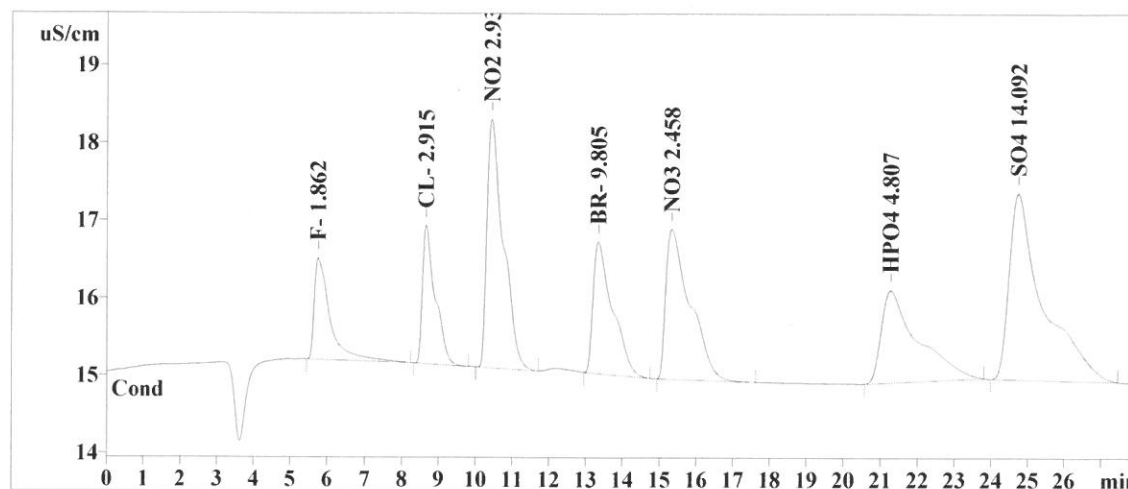
Ident: K6248-01MSD
Analysis from: 12/11/2019 3:07:24 PM
File: _2019-12-11_

Last save: 12/11/2019 3:35:14 PM

Method: ANIONS 12-09-19.mtw
Run operator: wet
Analysis number: 69128

Last save: 12/10/2019 12:39:12 PM

SAMPLE:
: AK/AP
Vial number: 13
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.75	0.405	1.30	9.64	39.488	6.94	0.
2	8.65	0.335	1.78	13.18	43.095	7.57	0.
3	10.42	0.449	3.20	23.69	98.914	17.38	0.
4	13.33	0.529	1.70	12.57	62.424	10.97	0.
5	15.32	0.673	1.93	14.29	89.010	15.64	0.
6	21.26	0.846	1.19	8.82	81.427	14.31	0.
7	24.73	0.752	2.40	17.77	154.751	27.19	0.
7	28.00	0.570	13.52	99.97	569.109	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/12/2019 2:10:24 PM
Printed by: wet

Ident: K6258-02
Analysis from: 12/11/2019 3:38:19 PM
File: _2019-12-11_

Last save: 12/12/2019 2:10:20 PM

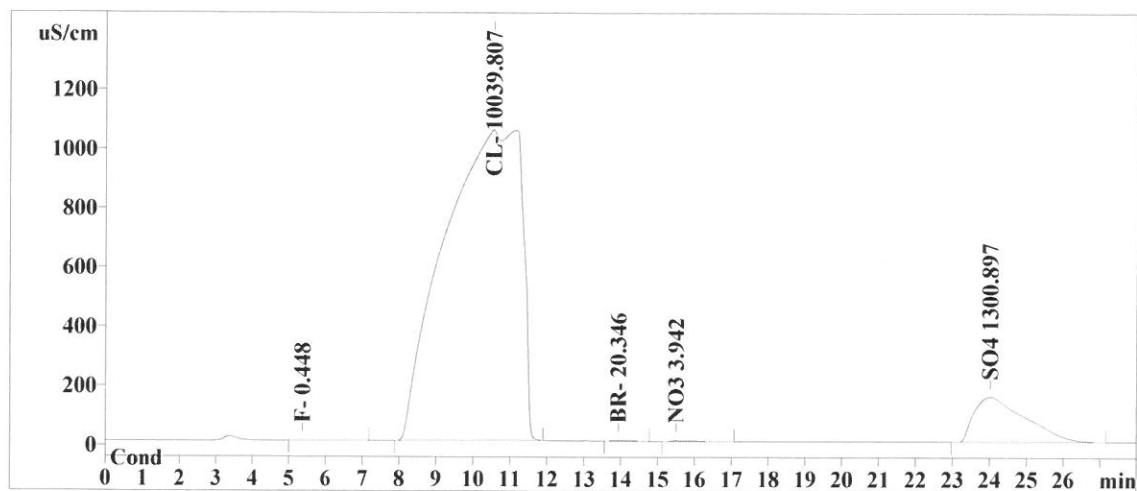
Method: ANIONS 12-09-19.mtw
Run operator: wet
Analysis number: 69129

Last save: 12/9/2019 11:41:30 AM

SAMPLE:

: AK/AP
Vial number: 16
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000

COLUMN: METROSEP A Supp 5 250/4.0
Size: 4.0 x 250 mm
Number: 7401950
Part.size: 5.0 µm



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.36	0.601	0.16	0.01	8.842	0.01	0.
2	10.54	2.589	1049.22	86.89	151375.348	91.07	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.92	0.766	3.08	0.26	131.902	0.08	0.
5	15.50	0.862	3.05	0.25	144.199	0.09	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.01	1.583	152.00	12.59	14553.830	8.76	0.
7	28.00	0.914	1207.52	100.00	166214.122	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/12/2019 1:28:25 PM
Printed by: wet

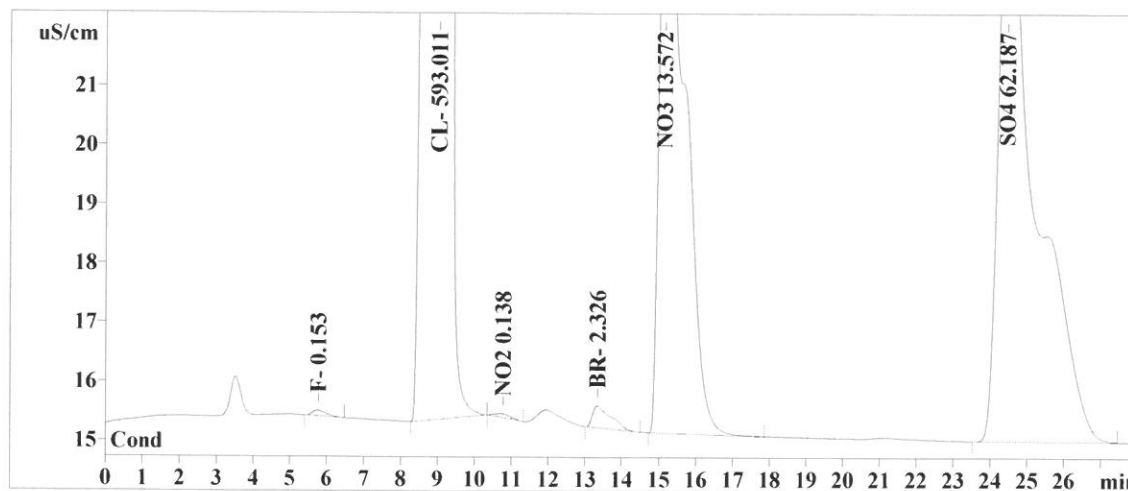
Ident: K6258-01
Analysis from: 12/11/2019 4:09:13 PM
File: _2019-12-11_

Last save: 12/12/2019 11:31:26 AM

Method: ANIONS 12-09-19.mtw
Run operator: wet
Analysis number: 69130

Last save: 12/10/2019 12:39:12 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	5.77	0.400	0.09	0.03	2.446	0.02	0.
2	9.00	0.410	342.15	93.56	8940.326	88.05	0.
3	10.78	0.514	0.07	0.02	2.037	0.02	0.
4	13.34	0.621	0.37	0.10	13.127	0.13	0.
5	15.11	0.611	11.93	3.26	502.341	4.95	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.43	0.713	10.93	2.99	692.931	6.82	0.
7	28.00	0.467	365.55	99.95	10153.208	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/12/2019 1:28:34 PM
Printed by: wet

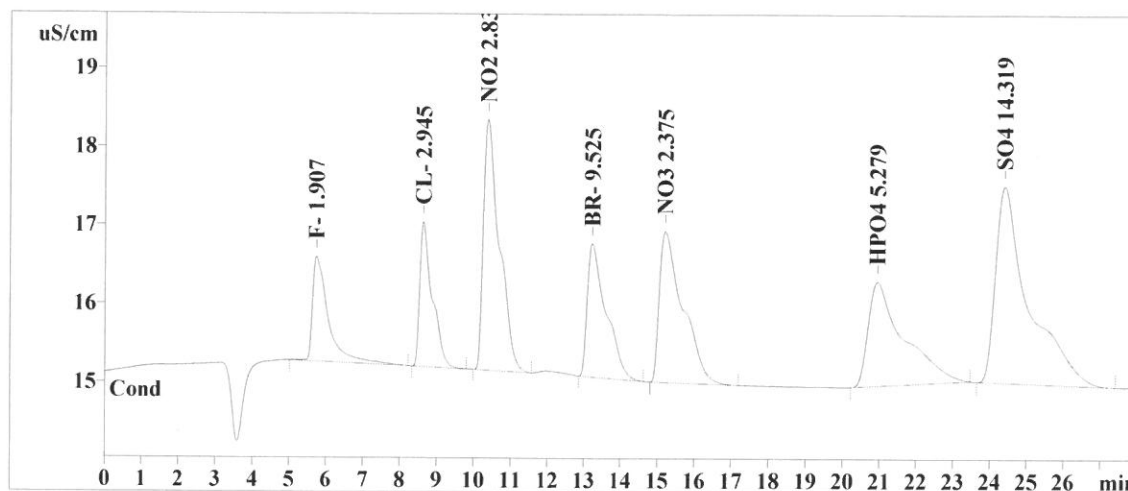
Ident: CCV
Analysis from: 12/11/2019 4:40:08 PM
File: _2019-12-11_

Last save: 12/11/2019 5:07:56 PM

Method: ANIONS 12-09-19.mtw
Run operator: wet
Analysis number: 69131

Last save: 12/10/2019 12:39:12 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	5.73	0.405	1.33	9.63	40.451	7.07	0.
2	8.63	0.324	1.84	13.33	43.545	7.61	0.
3	10.37	0.436	3.19	23.08	95.679	16.71	0.
4	13.22	0.504	1.70	12.30	60.578	10.58	0.
5	15.19	0.642	1.92	13.91	85.911	15.01	0.
6	20.93	0.834	1.33	9.61	89.034	15.55	0.
7	24.39	0.737	2.50	18.12	157.295	27.48	0.
7	28.00	0.554	13.81	99.98	572.494	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/12/2019 1:28:42 PM
Printed by: wet

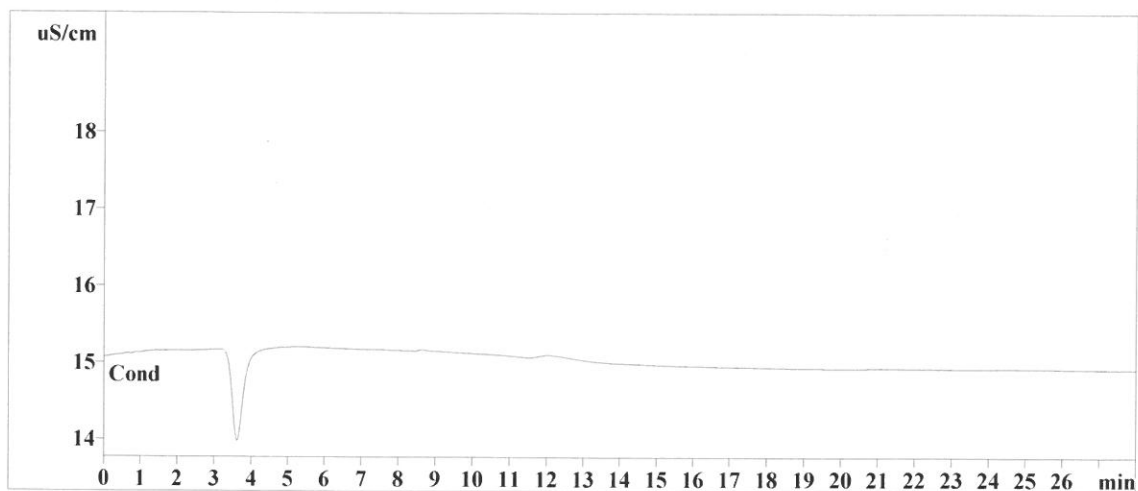
Ident: CCB
Analysis from: 12/11/2019 5:11:02 PM
File: _2019-12-11_

Last save: 12/11/2019 5:38:52 PM

Method: ANIONS 12-09-19.mtw
Run operator: wet
Analysis number: 69132

Last save: 12/10/2019 12:39:12 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: 12/12/2019 1:28:56 PM
Printed by: wet

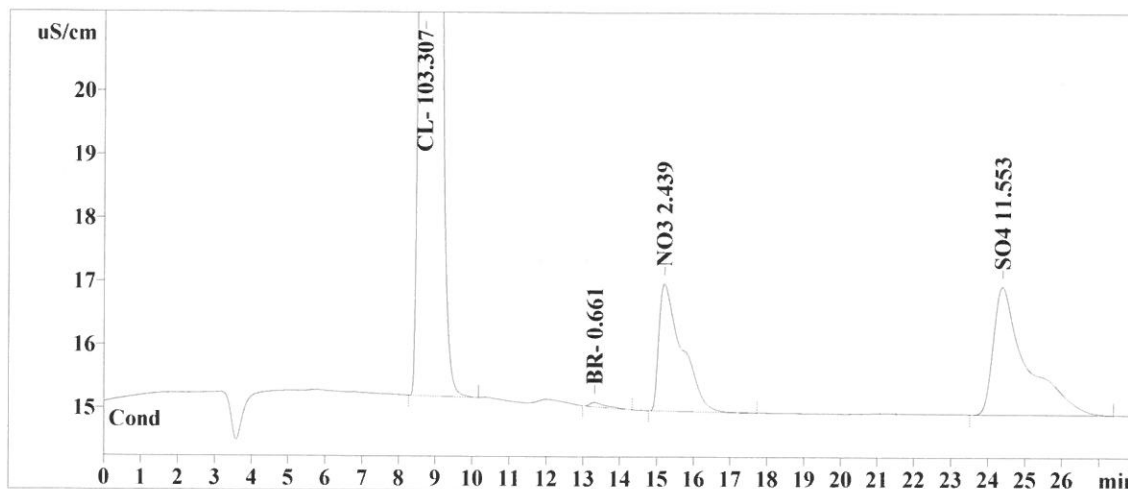
Ident: K6258-01DLX5
Analysis from: 12/11/2019 5:41:57 PM
File: _2019-12-11_

Last save: 12/11/2019 6:09:46 PM

Method: ANIONS 12-09-19.mtw
Run operator: wet
Analysis number: 69133

Last save: 12/10/2019 12:39:12 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	8.68	0.253	79.22	95.08	1556.759	87.78	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.31	0.432	0.07	0.08	2.149	0.12	0.
5	15.19	0.620	2.01	2.41	88.300	4.98	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.38	0.724	2.02	2.42	126.338	7.12	0.
7	28.00	0.290	83.31	99.99	1773.546	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/12/2019 1:29:06 PM
Printed by: wet

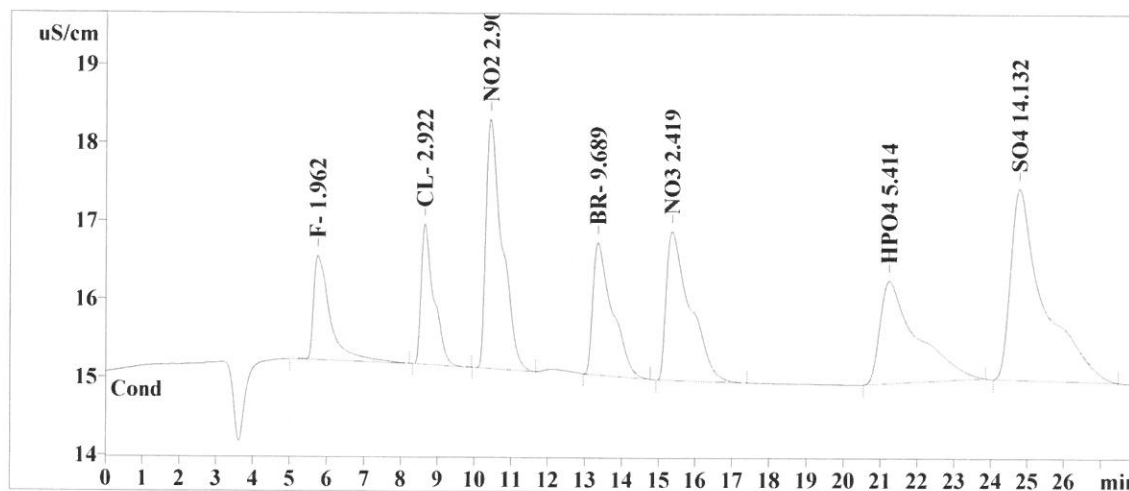
Ident: CCV
Analysis from: 12/11/2019 6:12:51 PM
File: _2019-12-11_

Last save: 12/11/2019 6:40:40 PM

Method: ANIONS 12-09-19.mtw
Run operator: wet
Analysis number: 69134

Last save: 12/10/2019 12:39:12 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	5.74	0.414	1.33	9.76	41.656	7.20	0.
2	8.64	0.330	1.79	13.09	43.199	7.47	0.
3	10.42	0.444	3.19	23.33	98.052	16.95	0.
4	13.34	0.520	1.69	12.38	61.660	10.66	0.
5	15.35	0.661	1.90	13.93	87.535	15.13	0.
6	21.22	0.864	1.31	9.60	91.216	15.77	0.
7	24.77	0.747	2.44	17.88	155.203	26.83	0.
7	28.00	0.569	13.66	99.98	578.522	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/12/2019 1:29:17 PM
Printed by: wet

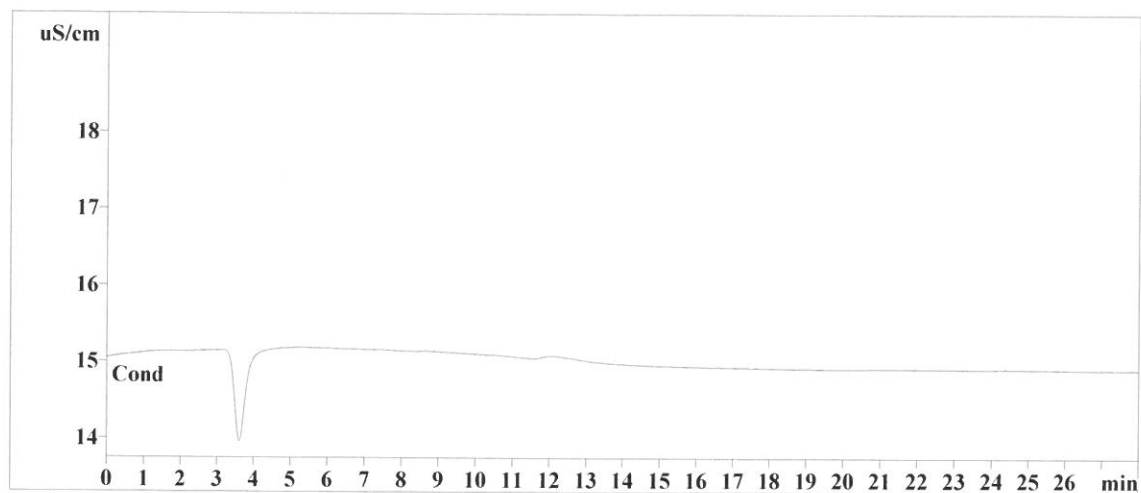
Ident: CCB
Analysis from: 12/11/2019 6:43:46 PM
File: _2019-12-11_

Last save: 12/11/2019 7:11:34 PM

Method: ANIONS 12-09-19.mtw
Run operator: wet
Analysis number: 69135

Last save: 12/10/2019 12:39:12 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