

IC-1

300'0

6-22-18 AK

Clear table

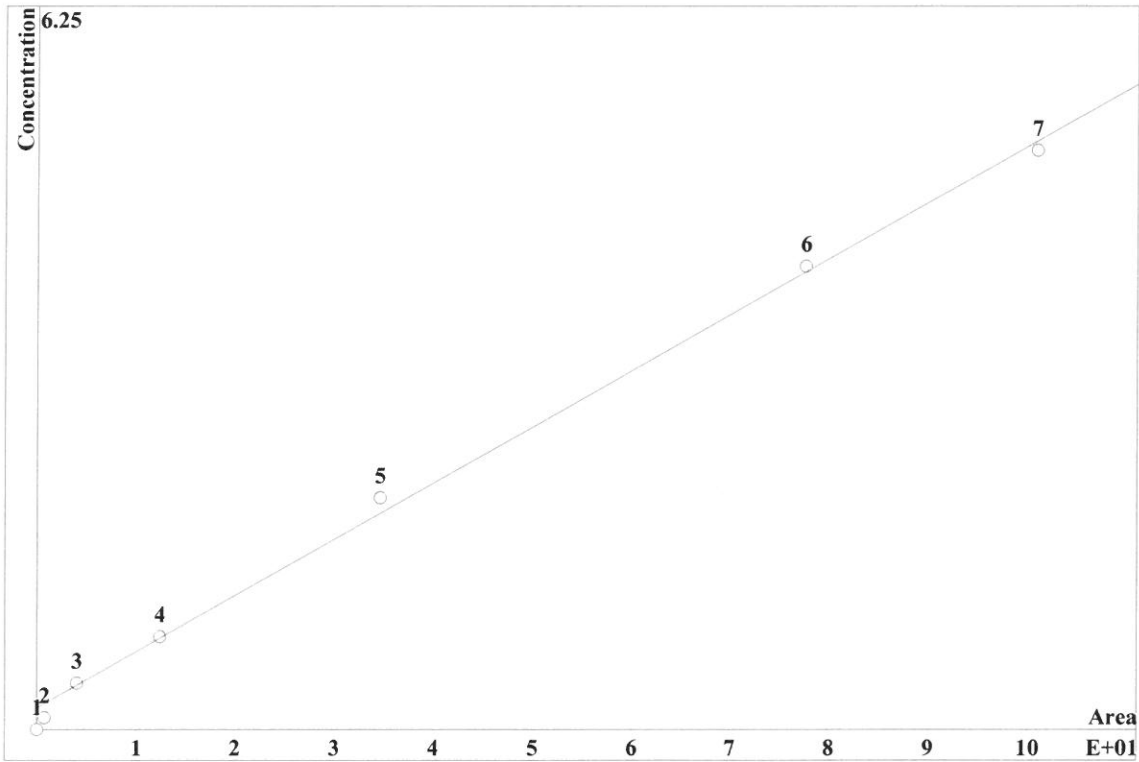
ident	concentrati on F-	concentrati on CL-	concentrati on NO2	concentrati on BR-	concentrati on NO3	concentrati on HPO4	concentrati on SO4	file name	date time
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-06-11	6/11/18 10:31
STD2	0.2020	0.2150	0.2270	0.7220	0.1760	0.0310	1.2780	2018-06-11	6/11/18 11:01
STD3	0.3660	0.6030	0.6210	2.0150	0.4940	1.0630	3.1400	2018-06-11	6/11/18 11:31
STD4	0.7860	1.1940	1.1700	3.8780	0.9640	2.1840	5.8600	2018-06-11	6/11/18 12:01
STD5	1.8970	2.8840	2.8680	9.7480	2.4710	5.0370	14.0380	2018-06-11	6/11/18 12:31
STD6	4.0490	6.0540	6.0630	20.1360	5.0200	9.9350	30.4340	2018-06-11	6/11/18 13:01
STD7	5.0830	7.6860	7.7060	25.4150	6.3680	12.6690	37.9200	2018-06-11	6/11/18 13:31
ICV	2.1340	2.8660	2.8280	9.5020	2.4350	5.3050	15.4210	2018-06-11	6/11/18 15:04
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-06-11	6/11/18 15:33
CCV	1.9790	2.8620	2.8440	9.3840	2.3300	5.0210	14.0250	2018-06-21	6/21/18 8:31
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-06-21	6/21/18 9:01
LB96203BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-06-21	6/21/18 9:31
LB96203BSW	2.0480	2.8230	2.8330	9.3480	2.3330	5.4320	14.8880	2018-06-21	6/21/18 10:01
J3640-01	0.0000	0.2260	0.0000	0.0000	0.0000	0.0000	0.0000	2018-06-21	6/21/18 12:10
J3640-02	0.0000	0.2130	0.0000	0.0000	0.1470	0.0000	0.0000	2018-06-21	6/21/18 12:40
J3640-03	0.0000	0.2290	0.0000	0.0000	0.1400	0.0000	0.0000	2018-06-21	6/21/18 13:10
J3640-03DUP	0.0000	0.2210	0.0000	0.0000	0.1420	0.0000	0.0000	2018-06-21	6/21/18 13:40
J3640-03MS	1.9800	3.0100	2.9020	9.7230	2.4600	5.6550	15.5580	2018-06-21	6/21/18 14:10
J3640-03MSD	2.1290	3.0020	2.9290	9.5460	2.3870	5.4860	14.8370	2018-06-21	6/21/18 14:40
CCV	2.0870	2.9230	2.8960	9.3670	2.3330	5.3980	14.4900	2018-06-21	6/21/18 15:10
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-06-21	6/21/18 15:40

IC-1 Cal 6-11-2018

AK

CALIBRATION OF COMPONENT F-

Method: ANIONS 06-11-18.mtw
Equation: $Q = 0.96991 \cdot A + 3.75265$
RSD: 5.047 %
Correlation coefficient: 0.998960



K3 = 0 K2 = 0 K1 = 0.96991 K0 = 3.75265

Base: Area

Ref.channel: Cond

ISTD:

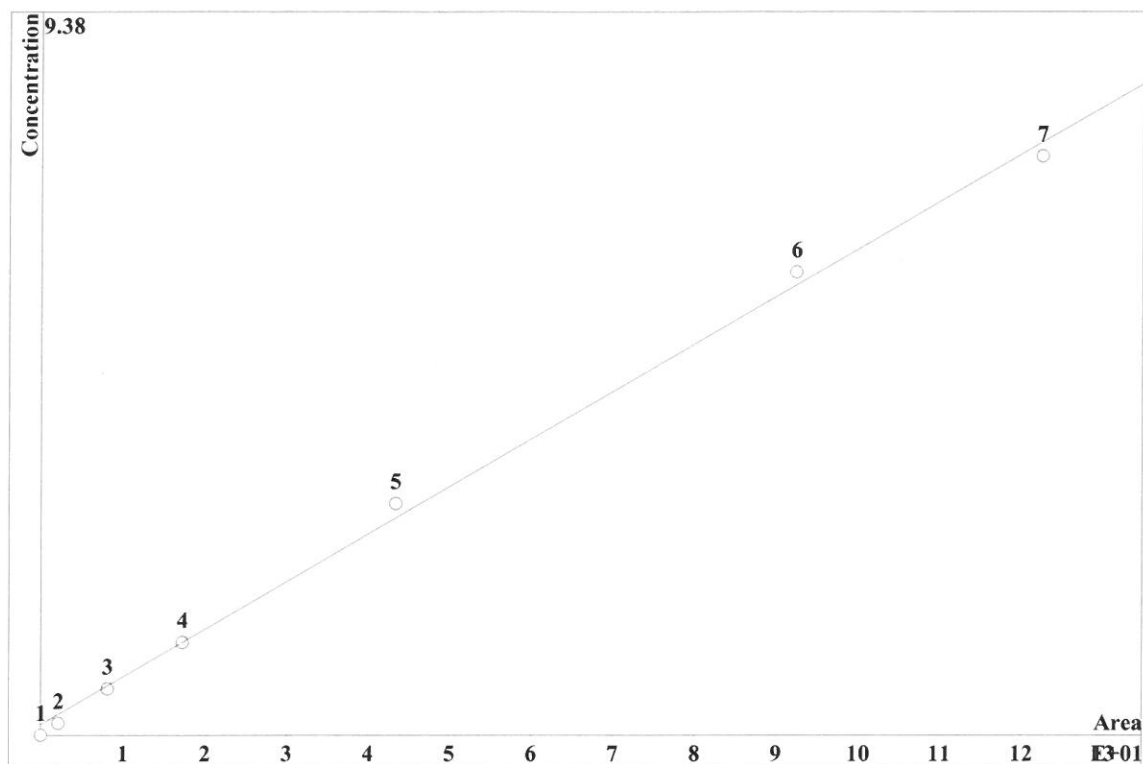
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.02191	0.7617	0.1	20	5.913			Yes
3	0.1211	4.025	0.4	20	5.913			Yes
4	0.2906	12.43	0.8	20	5.913			Yes
5	0.798	34.62	2	20	5.913			Yes
6	1.708	77.64	4	20	5.913			Yes
7	2.266	100.9	5	20	5.913			Yes

CALIBRATION OF COMPONENT CL-

Method: ANIONS 06-11-18.mtw
 Equation: $Q = 1.23247 \cdot A + 2.78813$
 RSD: 5.476 %
 Correlation coefficient: 0.998775

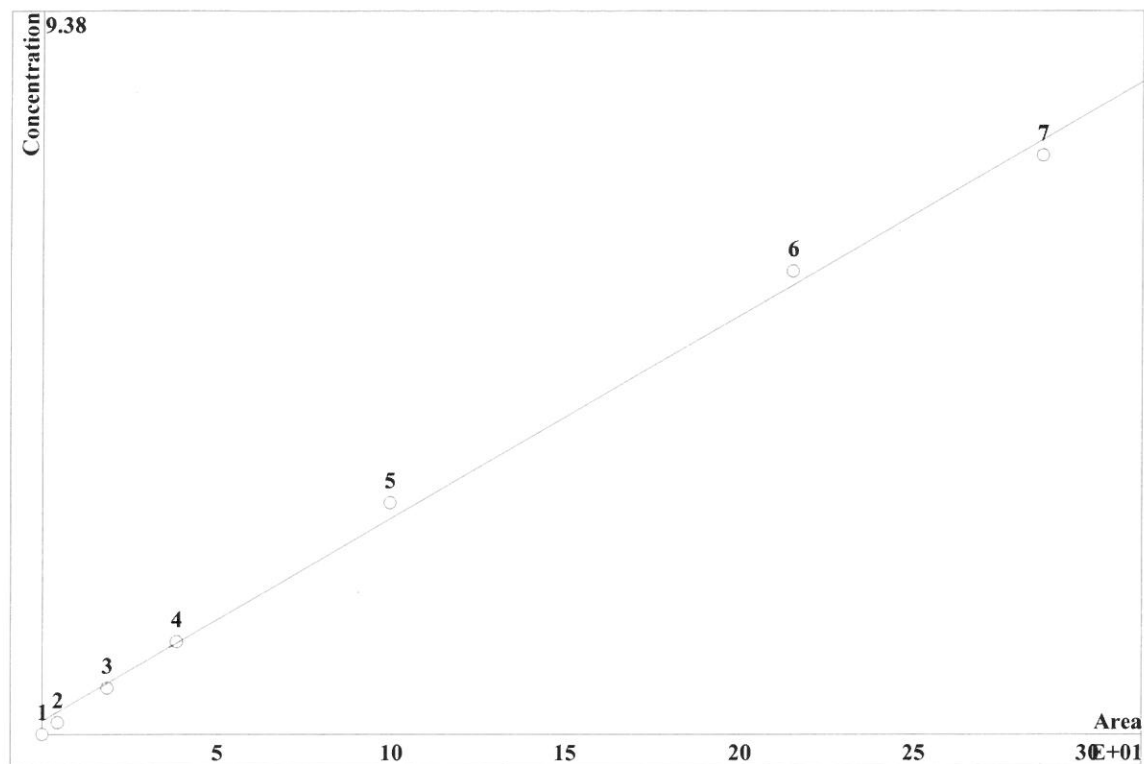


K3 = 0 K2 = 0 K1 = 1.23247 K0 = 2.78813
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.1264	2.138	0.15	20	8.858	Yes		Yes
3	0.4978	8.144	0.6	20	8.858	Yes		Yes
4	1.043	17.27	1.2	20	8.858	Yes		Yes
5	2.688	43.4	3	20	8.858	Yes		Yes
6	5.683	92.4	6	20	8.858	Yes		Yes
7	7.465	122.5	7.5	20	8.858	Yes		Yes

CALIBRATION OF COMPONENT NO2

Method: ANIONS 06-11-18.mtw
 Equation: $Q = 0.525111 \cdot A + 3.49018$
 RSD: 6.162 %
 Correlation coefficient: 0.998449

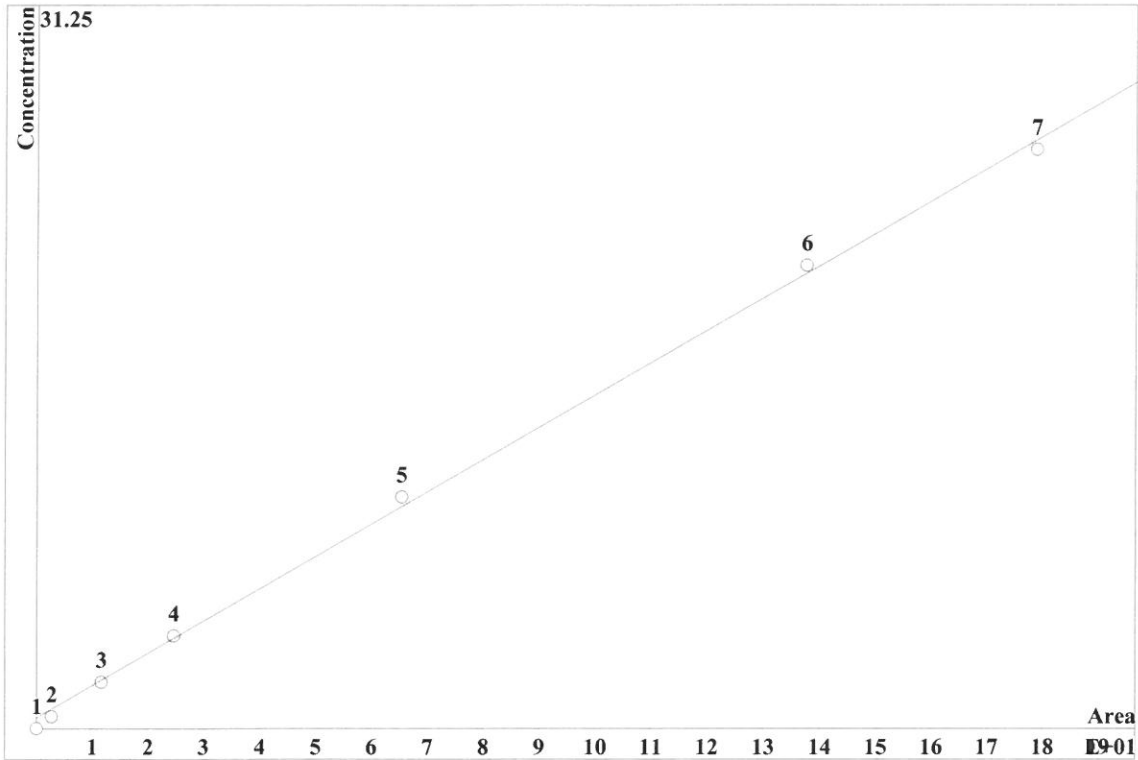


K3 = 0 K2 = 0 K1 = 0.525111 K0 = 3.49018
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0		0	No
2	0.2394	4.404	0.15	20	10.65			Yes
3	0.9878	18.61	0.6	20	10.65			Yes
4	2.074	38.42	1.2	20	10.65			Yes
5	5.39	99.64	3	20	10.65			Yes
6	11.22	214.9	6	20	10.65			Yes
7	14.57	286.8	7.5	20	10.65			Yes

CALIBRATION OF COMPONENT BR-

Method: ANIONS 06-11-18.mtw
 Equation: $Q = 2.79052 \cdot A + 9.24087$
 RSD: 3.757 %
 Correlation coefficient: 0.999424

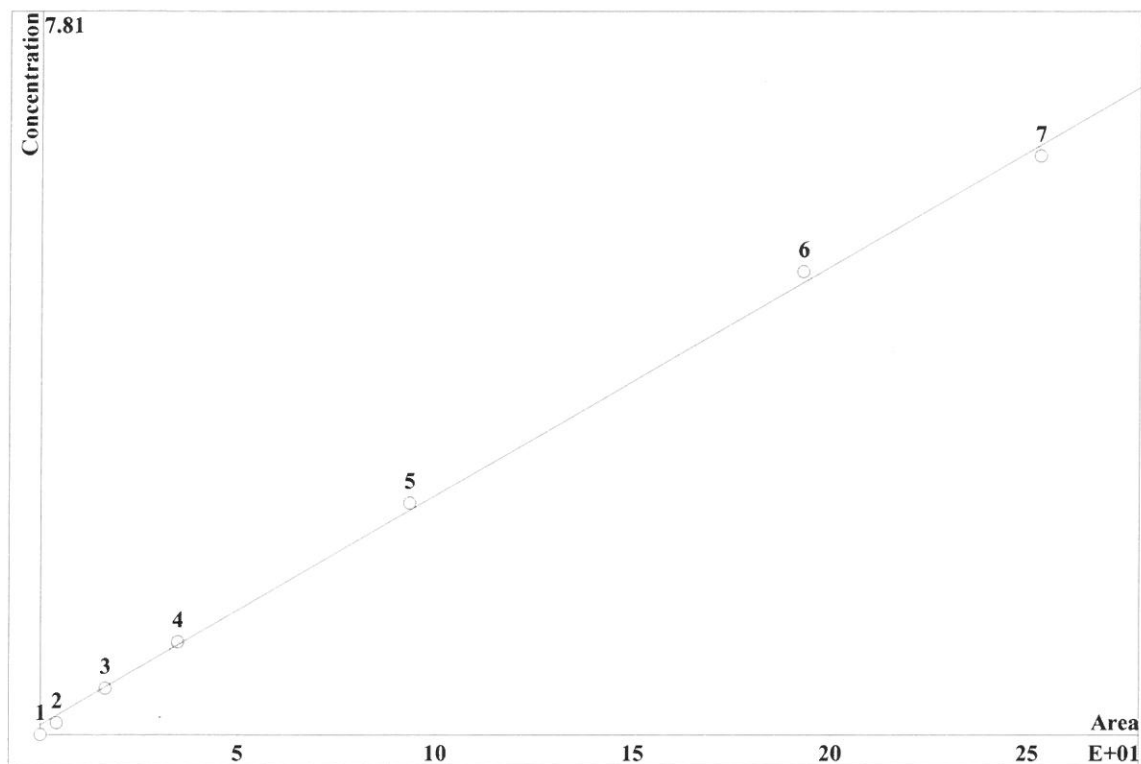


K3 = 0 K2 = 0 K1 = 2.79052 K0 = 9.24087
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0		0	0	0			No
2	0.1433		2.719	0.5	20		13.72	Yes
3	0.6082		11.7	2	20		13.72	Yes
4	1.29		24.64	4	20		13.72	Yes
5	3.353		65.42	10	20		13.72	Yes
6	6.956		137.6	20	20		13.72	Yes
7	8.929		178.8	25	20		13.72	Yes

CALIBRATION OF COMPONENT NO3

Method: ANIONS 06-11-18.mtw
 Equation: $Q = 0.494945 \cdot A + 2.1299$
 RSD: 3.983 %
 Correlation coefficient: 0.999352



K3 = 0 K2 = 0 K1 = 0.494945 K0 = 2.1299

Base: Area

Ref.channel: Cond

ISTD:

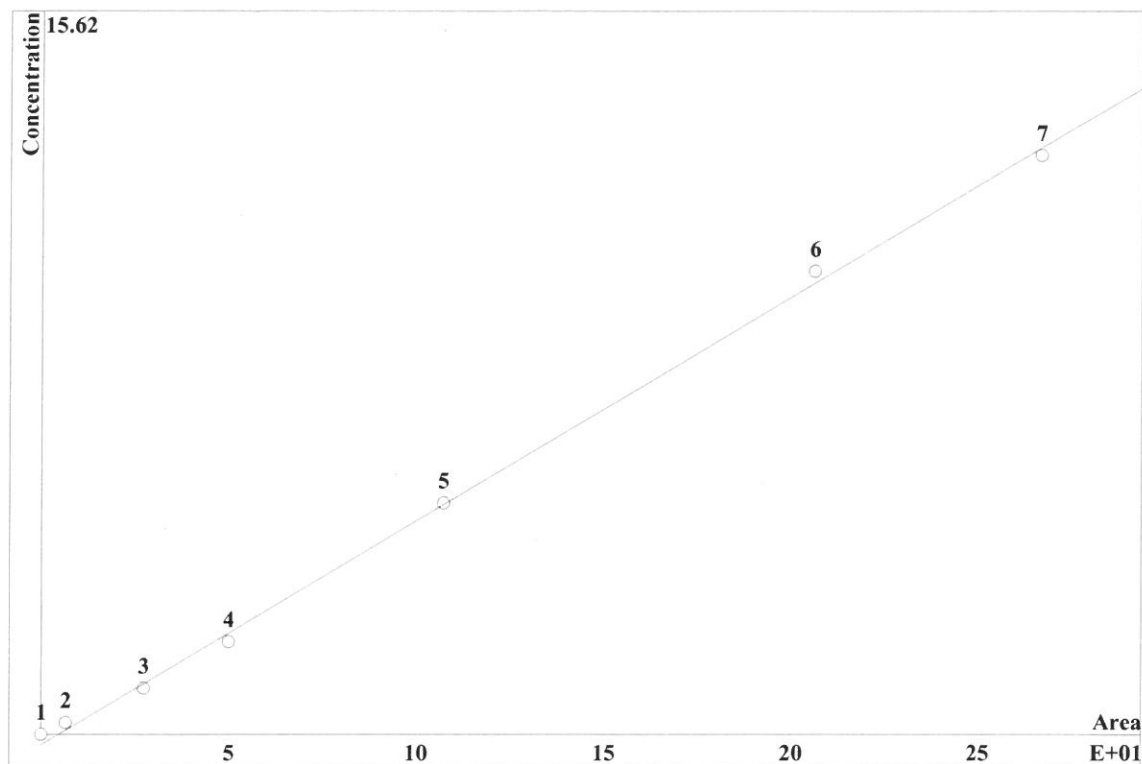
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0		0	No
2	0.1843	4.199	0.125	20	15.65	Yes		Yes
3	0.7548	16.6	0.5	20	15.65	Yes		Yes
4	1.604	34.93	1	20	15.65	Yes		Yes
5	4.233	93.68	2.5	20	15.65	Yes		Yes
6	9.2	193	5	20	15.65	Yes		Yes
7	12.18	253	6.25	20	15.65	Yes		Yes

CALIBRATION OF COMPONENT HPO4

Method: ANIONS 06-11-18.mtw
 Equation: $Q = 0.96711 \cdot A - 4.51826$
 RSD: 3.961 %
 Correlation coefficient: 0.999360



K3 = 0 K2 = 0 K1 = 0.96711 K0 = -4.51826

Base: Area

Ref.channel: Cond

ISTD:

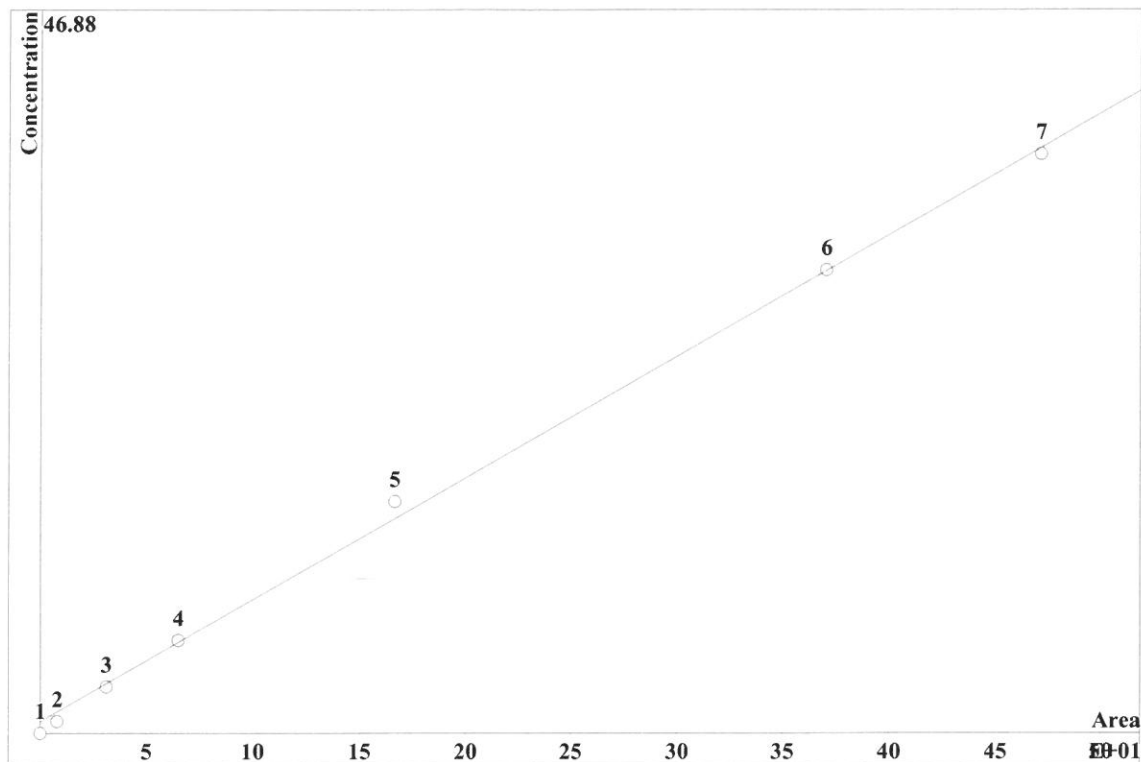
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.1633	6.472	0.25	20	21.48			Yes
3	0.6769	27.29	1	20	21.48			Yes
4	1.281	49.89	2	20	21.48			Yes
5	2.972	107.4	5	20	21.48			Yes
6	5.923	206.2	10	20	21.48			Yes
7	7.72	266.7	12.5	20	21.48			Yes

CALIBRATION OF COMPONENT SO4

Method: ANIONS 06-11-18.mtw
 Equation: $Q = 1.57728 \cdot A + 15.0858$
 RSD: 4.461 %
 Correlation coefficient: 0.999188



K3 = 0 K2 = 0 K1 = 1.57728 K0 = 15.0858

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	0.2582	8.071	0.75	20	25.17			Yes
3	1.015	31.21	3	20	25.17			Yes
4	2.134	65	6	20	25.17			Yes
5	5.625	166.6	15	20	25.17			Yes
6	12.26	370.2	30	20	25.17			Yes
7	16.19	471.3	37.5	20	25.17			Yes

Report date: 6/12/2018 10:59:22 AM
Printed by: wet

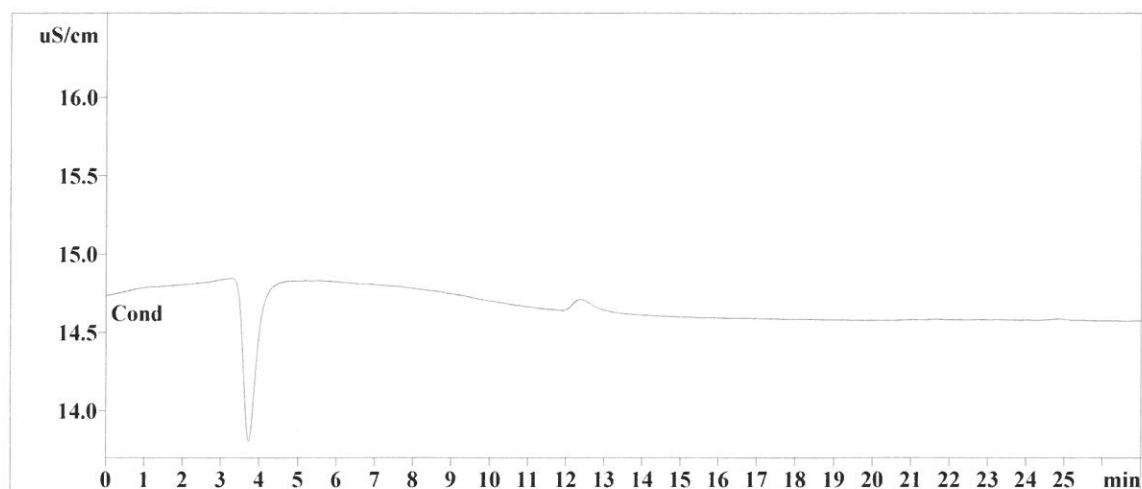
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File: _2018-06-11_

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Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62553

Last save: 6/11/2018 9:33:02 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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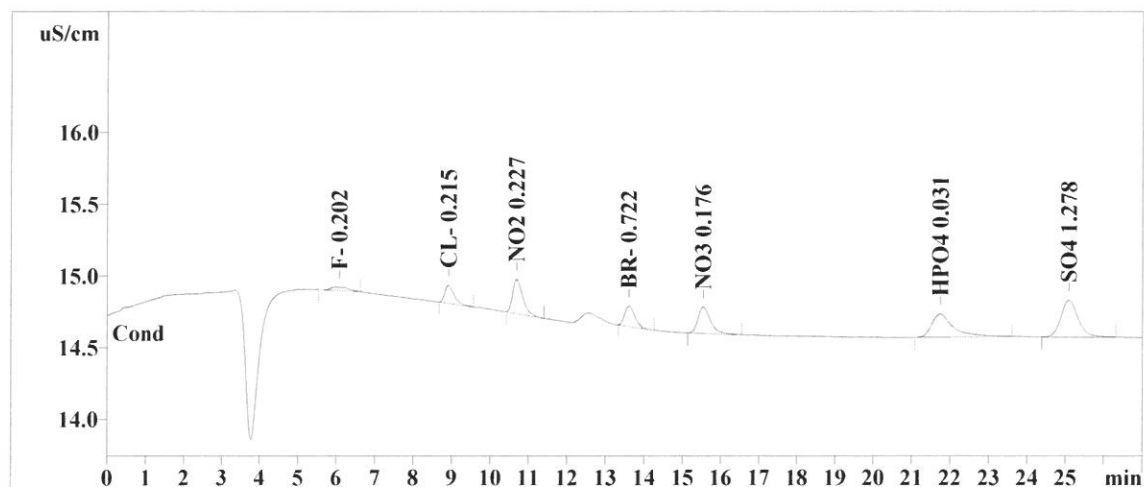
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Printed by: wet

Ident: STD2
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File: _2018-06-11_
Manual peaks!
Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62554

Last save: 6/11/2018 3:12:06 PM

Last save: 6/11/2018 9:33:02 AM

SAMPLE:
:
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	6.08	0.531	0.02	1.96	0.762	2.65	0.
2	8.91	0.252	0.13	11.06	2.138	7.43	0.
3	10.69	0.278	0.24	20.99	4.404	15.31	0.
4	13.61	0.294	0.14	12.58	2.719	9.45	0.
5	15.54	0.336	0.18	16.14	4.199	14.60	0.
6	21.74	0.537	0.16	14.24	6.472	22.50	0.
7	25.09	0.467	0.26	22.64	8.071	28.06	0.
7	27.00	0.385	1.13	99.62	28.765	100.00	0.

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Report date: 6/12/2018 10:59:46 AM
Printed by: wet

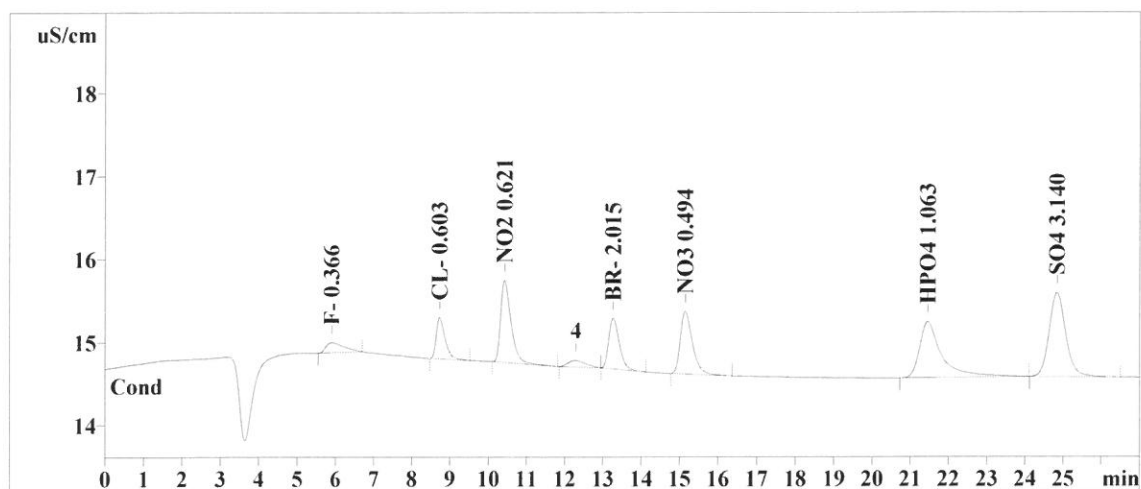
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File: _2018-06-11_

Last save: 6/11/2018 3:12:06 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62555

Last save: 6/11/2018 9:33:02 AM

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	5.90	0.535	0.12	2.54	4.025	3.35	0.
2	8.72	0.244	0.50	10.49	8.144	6.78	0.
3	10.42	0.275	0.99	20.84	18.613	15.50	0.
4	13.27	0.292	0.61	12.83	11.702	9.75	0.
5	15.15	0.327	0.75	15.91	16.597	13.82	0.
6	21.46	0.519	0.68	14.27	27.290	22.73	0.
7	24.83	0.459	1.01	21.38	31.205	25.99	0.
7	27.00	0.379	4.66	98.25	117.577	97.93	0.

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Report date: 6/12/2018 10:59:54 AM
 Printed by: wet

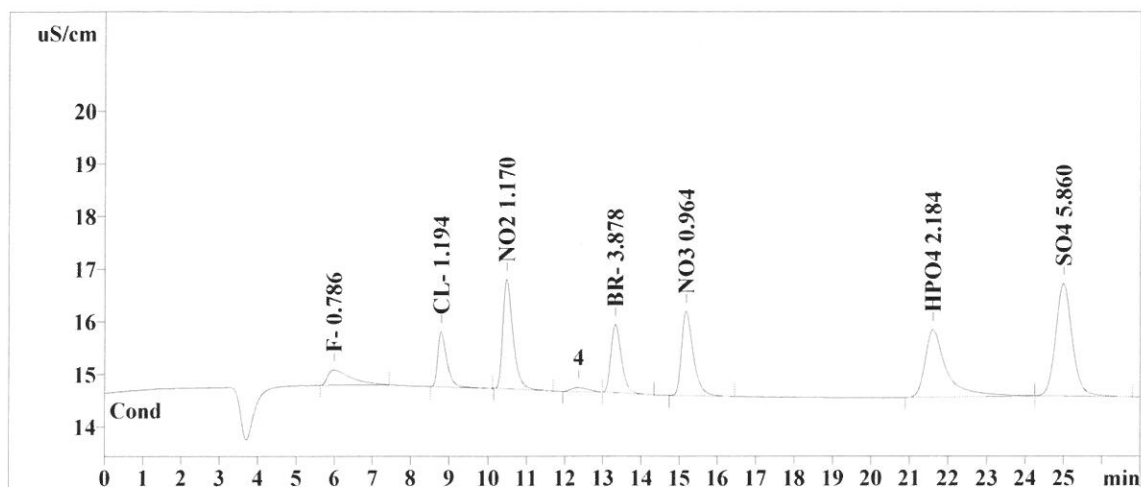
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 File: _2018-06-11_

Last save: 6/11/2018 3:12:06 PM

Method: ANIONS 06-11-18.mtw
 Run operator: wet
 Analysis number: 62556

Last save: 6/11/2018 9:33:02 AM

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	5.99	0.624	0.29	2.96	12.425	5.07	0.
2	8.79	0.243	1.04	10.64	17.274	7.05	0.
3	10.48	0.272	2.07	21.17	38.417	15.68	0.
4	13.32	0.289	1.29	13.17	24.644	10.06	0.
5	15.18	0.323	1.60	16.36	34.927	14.25	0.
6	21.61	0.503	1.28	13.07	49.889	20.36	0.
7	24.99	0.454	2.13	21.79	64.995	26.52	0.
7	27.00	0.387	9.72	99.16	242.571	98.99	0.

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Report date: 6/12/2018 11:00:02 AM
 Printed by: wet

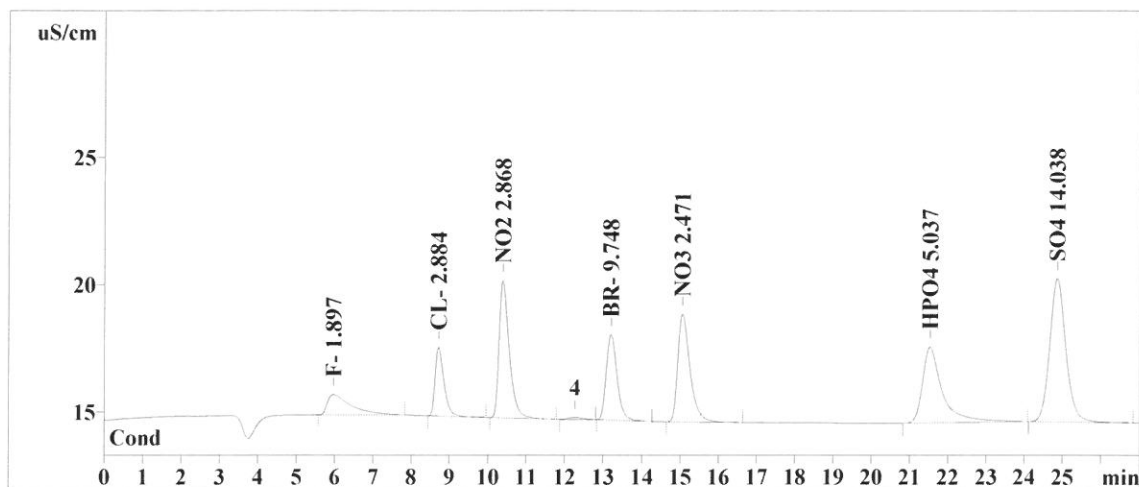
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Method: ANIONS 06-11-18.mtw
 Run operator: wet
 Analysis number: 62557

Last save: 6/11/2018 9:33:02 AM

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	5.97	0.611	0.80	3.17	34.621	5.65	0.
2	8.71	0.239	2.69	10.69	43.404	7.08	0.
3	10.39	0.272	5.39	21.44	99.643	16.25	0.
4	13.20	0.295	3.35	13.33	65.419	10.67	0.
5	15.06	0.327	4.23	16.84	93.684	15.28	0.
6	21.53	0.472	2.97	11.82	107.418	17.52	0.
7	24.86	0.443	5.62	22.38	166.568	27.17	0.
7	27.00	0.380	25.05	99.67	610.755	99.63	0.

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Report date: 6/12/2018 11:00:10 AM
 Printed by: wet

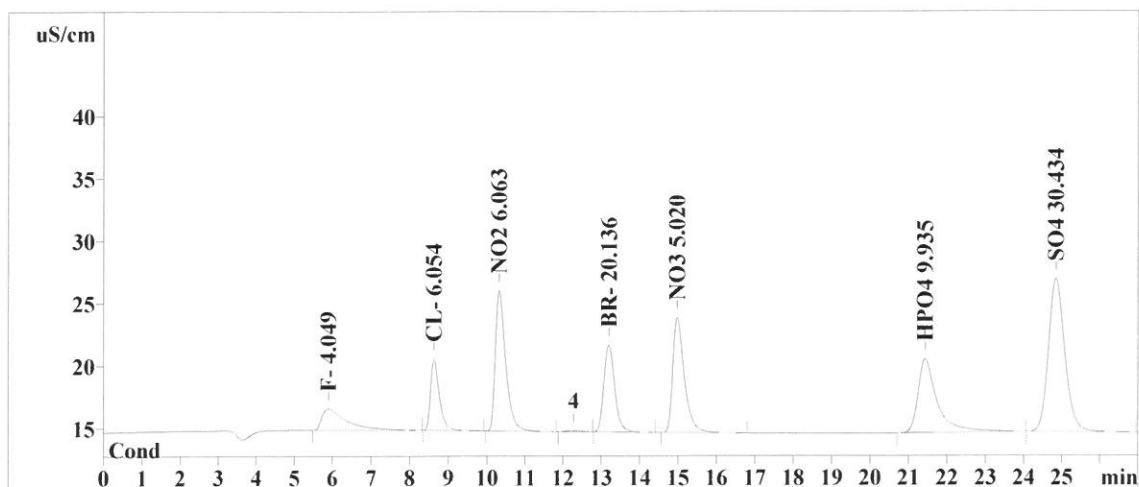
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 File: _2018-06-11_

Last save: 6/11/2018 3:12:06 PM

Method: ANIONS 06-11-18.mtw
 Run operator: wet
 Analysis number: 62558

Last save: 6/11/2018 9:33:02 AM

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	5.89	0.619	1.71	3.22	77.640	6.00	0.
2	8.62	0.240	5.68	10.72	92.398	7.14	0.
3	10.32	0.283	11.22	21.16	214.906	16.61	0.
4	13.20	0.300	6.96	13.12	137.582	10.63	0.
5	14.97	0.307	9.20	17.35	193.026	14.92	0.
6	21.43	0.459	5.92	11.17	206.201	15.93	0.
7	24.85	0.453	12.26	23.12	370.238	28.61	0.
7	27.00	0.380	52.95	99.86	1291.990	99.84	0.

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Report date: 6/12/2018 11:00:19 AM
Printed by: wet

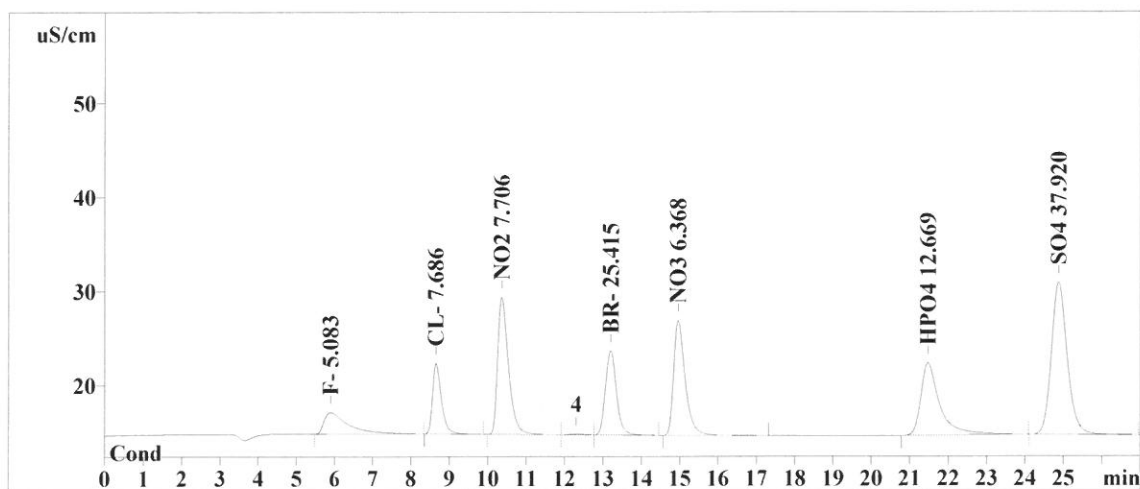
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File: _2018-06-11_

Last save: 6/11/2018 4:37:10 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62559

Last save: 6/11/2018 3:12:22 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	5.90	0.612	2.27	3.26	100.945	6.00	0.
2	8.65	0.242	7.47	10.76	122.467	7.28	0.
3	10.36	0.292	14.57	20.99	286.847	17.06	0.
4	13.20	0.305	8.93	12.87	178.843	10.63	0.
5	14.96	0.304	12.18	17.55	253.029	15.04	0.
6	21.47	0.460	7.72	11.13	266.677	15.86	0.
7	24.87	0.436	16.19	23.33	471.268	28.02	0.
7	27.00	0.379	69.32	99.90	1680.077	99.90	0.

This report has been created by IC Net
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Report date: 6/12/2018 11:00:38 AM
 Printed by: wet

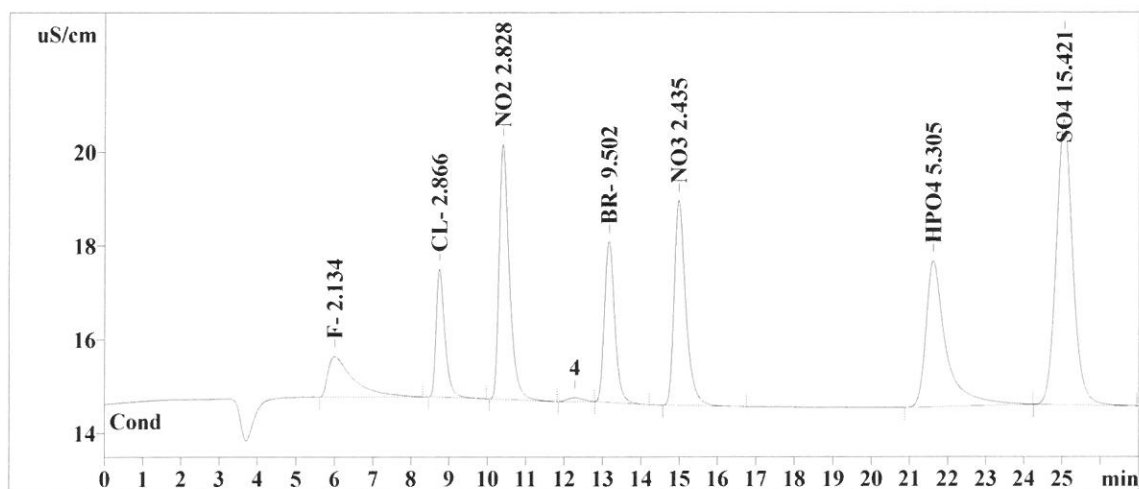
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Method: ANIONS 06-11-18.mtw
 Run operator: wet
 Analysis number: 62562

Last save: 6/11/2018 3:12:22 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	6.00	0.638	0.86	3.30	40.127	6.20	0.
2	8.74	0.240	2.73	10.45	44.246	6.84	0.
3	10.40	0.274	5.43	20.80	101.071	15.62	0.
4	13.16	0.286	3.43	13.15	64.790	10.01	0.
5	14.98	0.317	4.37	16.74	94.097	14.54	0.
6	21.62	0.476	3.12	11.93	114.385	17.68	0.
7	25.04	0.459	6.08	23.29	185.972	28.74	0.
7	27.00	0.384	26.03	99.67	644.688	99.63	0.

This report has been created by IC Net
 METROHM LTD

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Printed by: wet

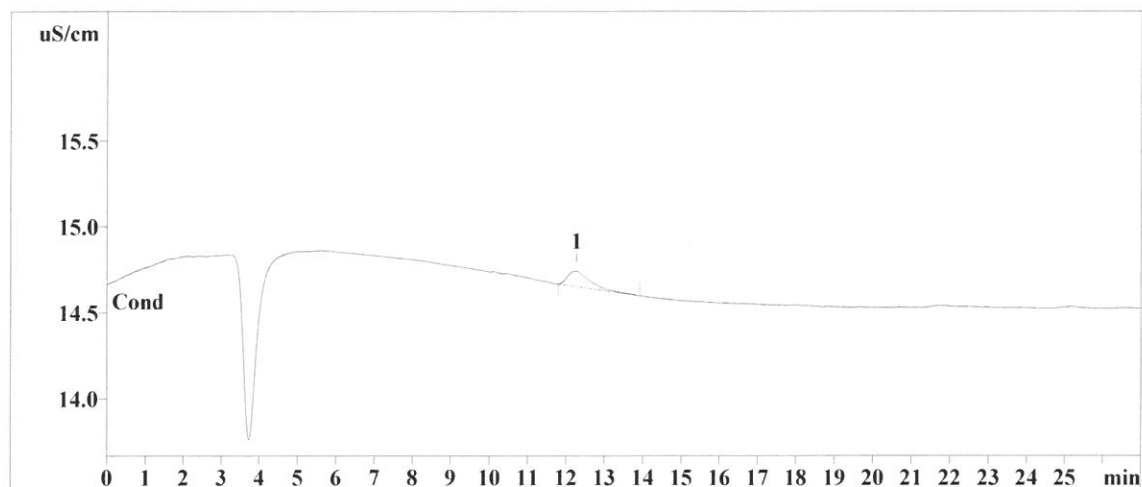
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Last save: 6/11/2018 4:37:10 PM

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Run operator: wet
Analysis number: 62563

Last save: 6/11/2018 3:12:22 PM

SAMPLE:
: AK/AP
Vial number: 12
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	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	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	27.00	0.000	0.00	0.00	0.000	0.00	0.

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Report date: 6/22/2018 7:46:09 AM
Printed by: wet

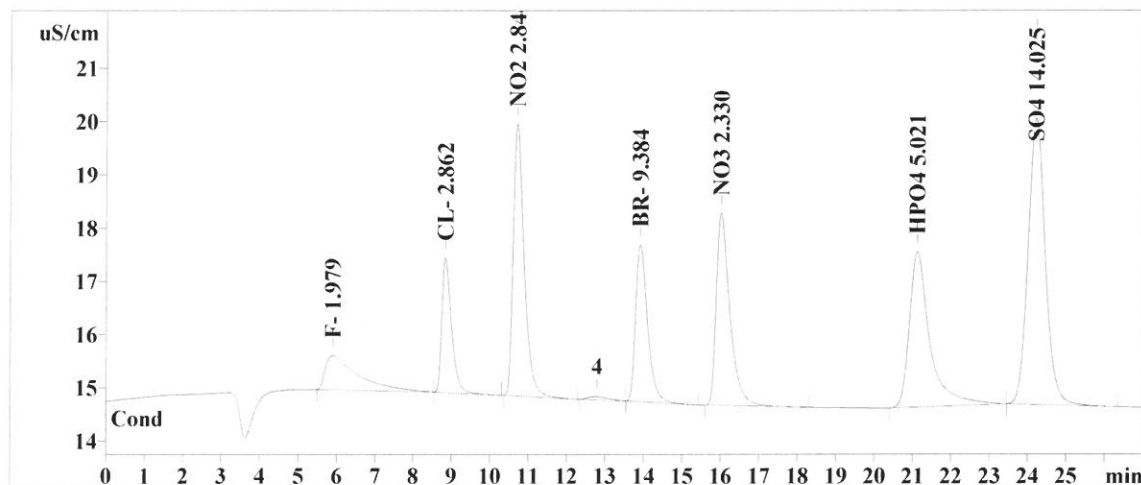
Ident: CCV
Analysis from: 6/21/2018 8:31:27 AM
File: _2018-06-21_

Last save: 6/21/2018 9:08:44 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62770

Last save: 6/15/2018 8:48:46 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	5.89	0.791	0.64	2.75	36.940	6.00	0.
2	8.84	0.259	2.53	10.89	44.183	7.18	0.
3	10.70	0.293	5.11	22.00	101.657	16.51	0.
4	13.91	0.323	2.95	12.73	63.948	10.39	0.
5	16.01	0.362	3.62	15.59	89.845	14.59	0.
6	21.11	0.499	2.92	12.58	108.512	17.63	0.
7	24.21	0.472	5.38	23.16	168.269	27.33	0.
7	27.00	0.428	23.14	99.70	613.352	99.63	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/22/2018 7:46:28 AM
Printed by: wet

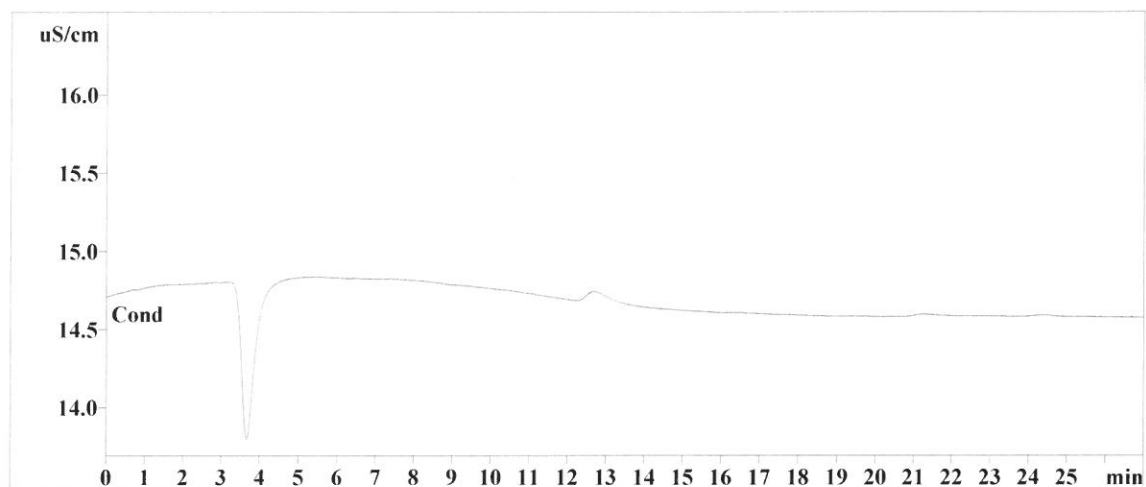
Ident: CCB
Analysis from: 6/21/2018 9:01:23 AM
File: _2018-06-21_

Last save: 6/22/2018 7:46:28 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62771

Last save: 6/15/2018 8:48:46 AM

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: 6/22/2018 7:46:44 AM
Printed by: wet

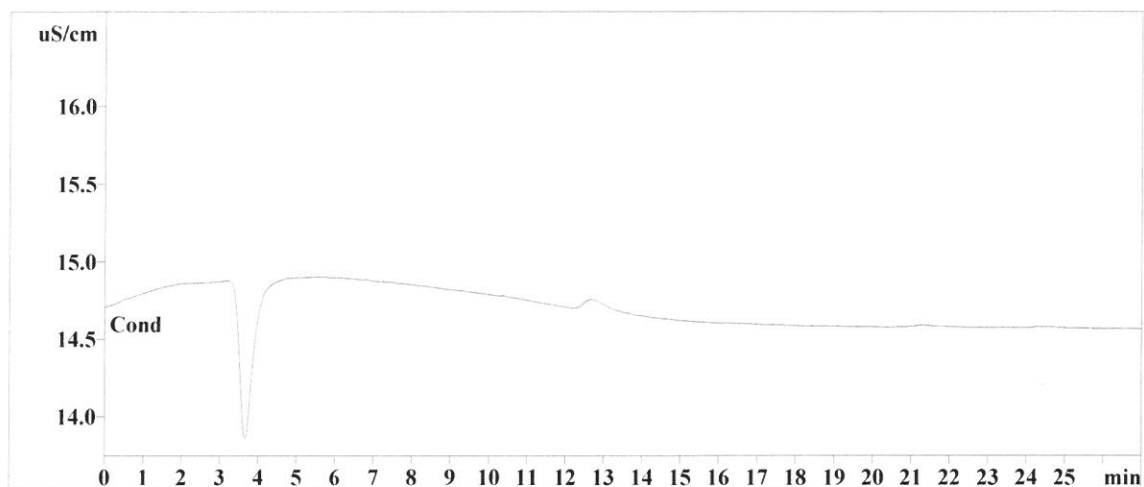
Ident: LB96203BLW
Analysis from: 6/21/2018 9:31:19 AM
File: _2018-06-21_

Last save: 6/22/2018 7:46:44 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62772

Last save: 6/15/2018 8:48:46 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: 6/22/2018 7:48:06 AM
Printed by: wet

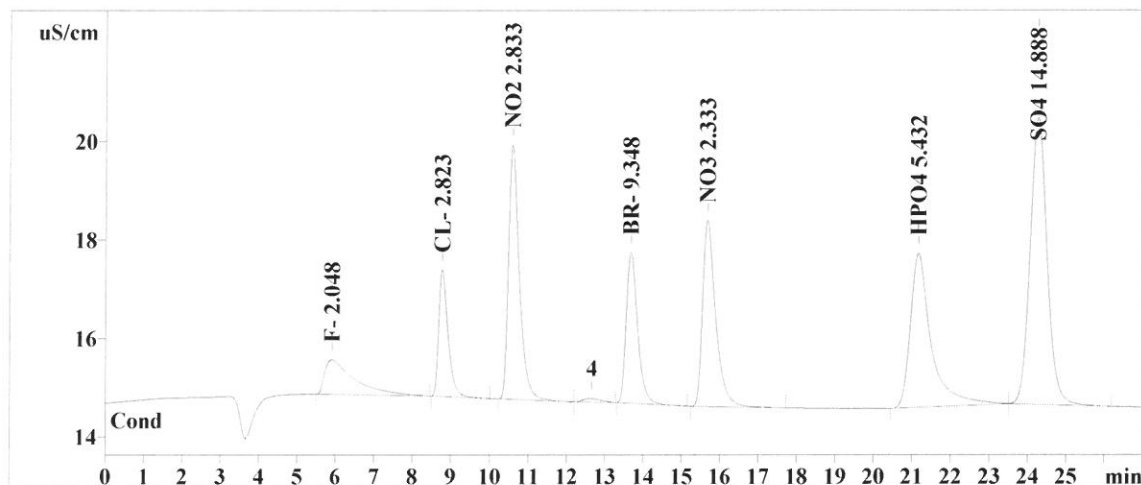
Ident: LB96203BSW
Analysis from: 6/21/2018 10:01:14 AM
File: _2018-06-21_

Last save: 6/22/2018 7:45:56 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62773

Last save: 6/15/2018 8:48:46 AM

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	5.91	0.747	0.70	2.89	38.364	6.04	0.
2	8.78	0.252	2.57	10.57	43.547	6.85	0.
3	10.58	0.289	5.16	21.25	101.247	15.93	0.
4	13.68	0.312	3.06	12.59	63.688	10.02	0.
5	15.67	0.349	3.78	15.56	89.989	14.16	0.
6	21.16	0.498	3.12	12.85	117.017	18.41	0.
7	24.26	0.464	5.83	23.97	179.216	28.20	0.
7	27.00	0.416	24.22	99.68	633.067	99.61	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/22/2018 7:51:10 AM
Printed by: wet

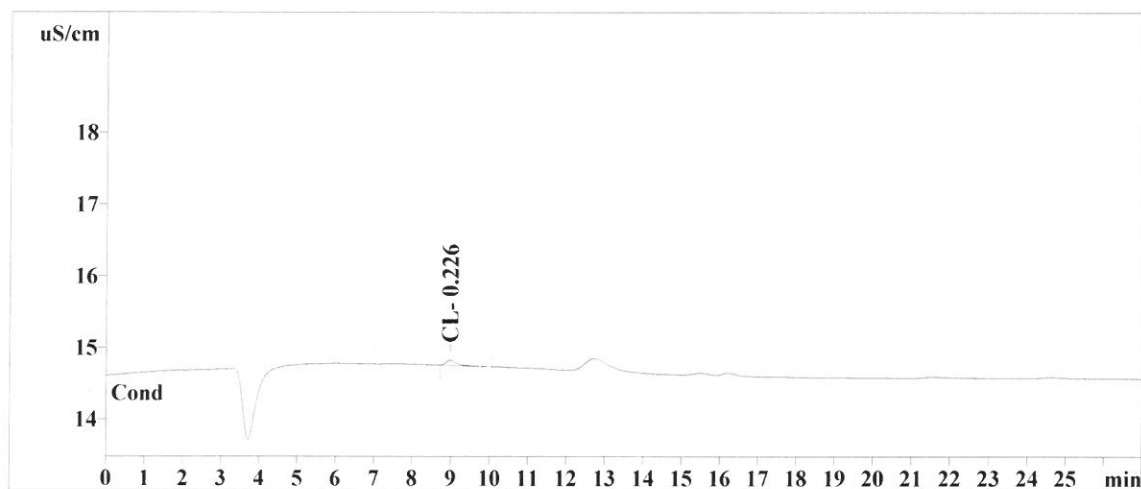
Ident: J3640-01
Analysis from: 6/21/2018 12:10:46 PM
File: _2018-06-21_

Last save: 6/22/2018 7:51:10 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62775

Last save: 6/15/2018 8:48:46 AM

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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.97	0.261	0.07	99.51	1.400	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	27.00	0.037	0.07	99.51	1.400	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/22/2018 7:51:42 AM
Printed by: wet

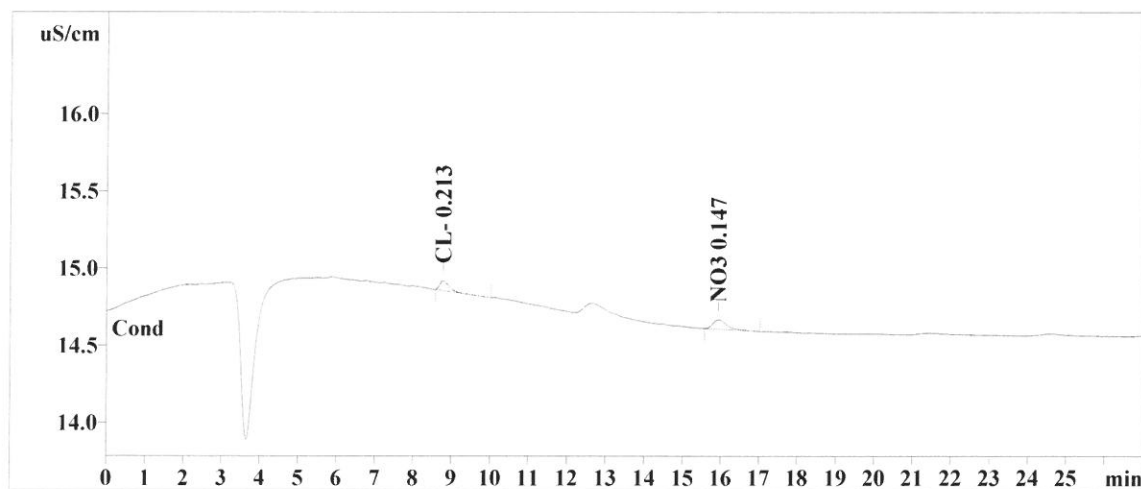
Ident: J3640-02
Analysis from: 6/21/2018 12:40:42 PM
File: _2018-06-21_

Last save: 6/22/2018 7:51:40 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62776

Last save: 6/15/2018 8:48:46 AM

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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.78	0.257	0.06	50.91	1.188	42.25	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	15.95	0.379	0.06	48.39	1.623	57.75	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	27.00	0.091	0.13	99.30	2.811	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/22/2018 7:52:34 AM
Printed by: wet

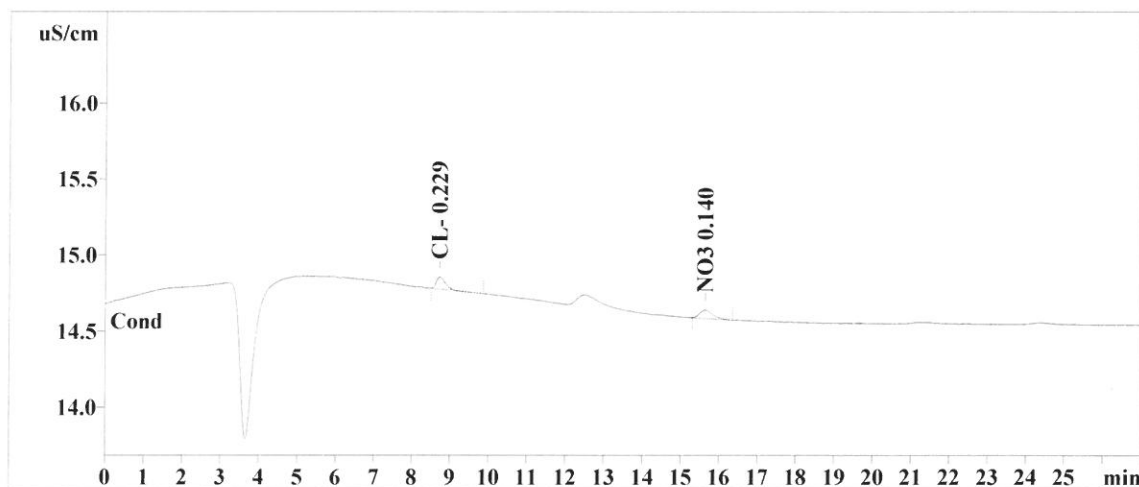
Ident: J3640-03
Analysis from: 6/21/2018 1:10:38 PM
File: _2018-06-21_

Last save: 6/22/2018 7:52:32 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62777

Last save: 6/15/2018 8:48:46 AM

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	8.72	0.257	0.08	58.40	1.458	51.56	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	15.64	0.366	0.06	40.64	1.370	48.44	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	27.00	0.089	0.14	99.04	2.828	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/22/2018 7:52:57 AM
Printed by: wet

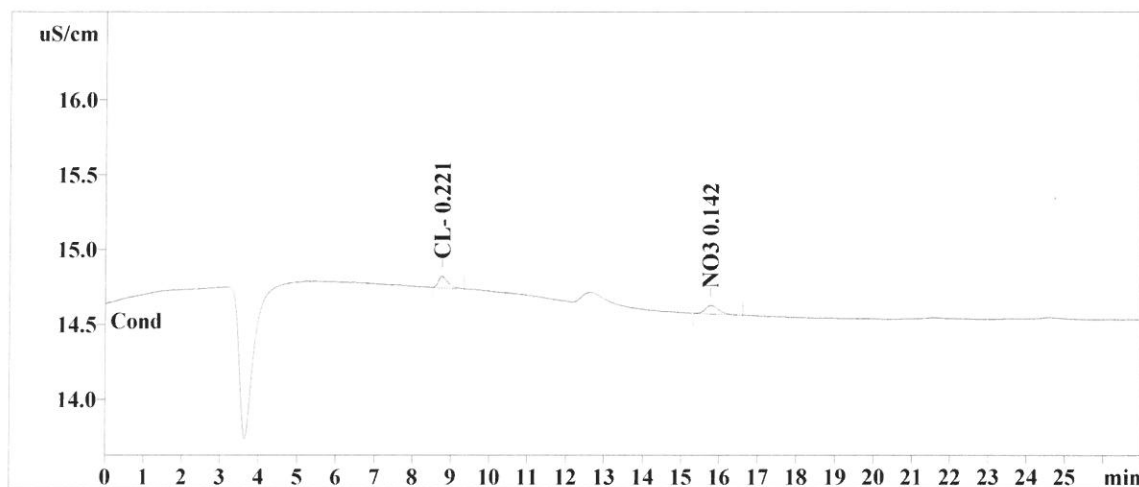
Ident: J3640-03DUP
Analysis from: 6/21/2018 1:40:33 PM
File: _2018-06-21_

Last save: 6/22/2018 7:52:56 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62778

Last save: 6/15/2018 8:48:46 AM

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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.76	0.255	0.08	56.85	1.318	47.66	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	15.76	0.375	0.06	42.42	1.447	52.34	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	27.00	0.090	0.13	99.27	2.765	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/22/2018 7:53:11 AM
Printed by: wet

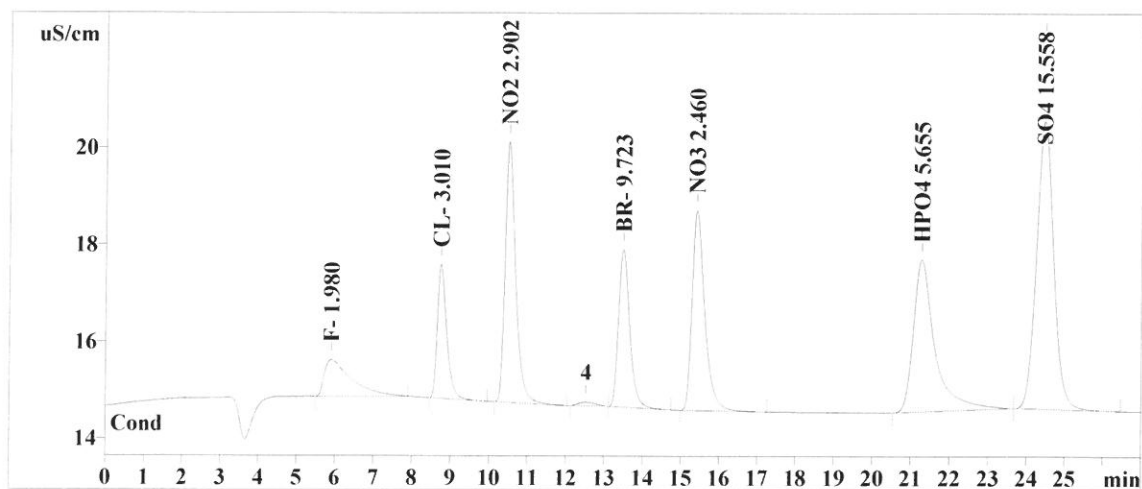
Ident: J3640-03MS
Analysis from: 6/21/2018 2:10:29 PM
File: _2018-06-21_

Last save: 6/21/2018 2:37:18 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62779

Last save: 6/15/2018 8:48:46 AM

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	5.91	0.697	0.76	2.98	36.966	5.60	0.
2	8.74	0.251	2.76	10.86	46.576	7.05	0.
3	10.50	0.285	5.37	21.13	103.867	15.72	0.
4	13.49	0.308	3.25	12.78	66.376	10.05	0.
5	15.40	0.338	4.13	16.23	95.116	14.40	0.
6	21.27	0.515	3.14	12.35	121.610	18.41	0.
7	24.45	0.479	5.94	23.36	187.714	28.41	0.
7	27.00	0.410	25.34	99.69	658.225	99.64	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/22/2018 7:53:28 AM
Printed by: wet

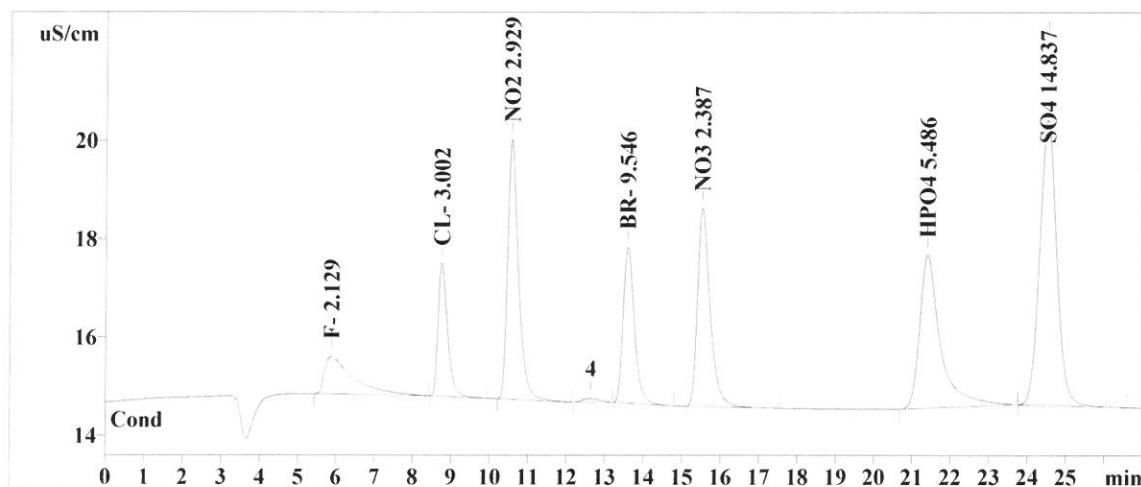
Ident: J3640-03MSD
Analysis from: 6/21/2018 2:40:24 PM
File: _2018-06-21_

Last save: 6/21/2018 3:07:14 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62780

Last save: 6/15/2018 8:48:46 AM

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	5.88	0.711	0.77	3.06	40.037	6.18	0.
2	8.75	0.254	2.71	10.87	46.450	7.17	0.
3	10.56	0.293	5.28	21.14	104.906	16.19	0.
4	13.60	0.309	3.18	12.75	65.106	10.05	0.
5	15.51	0.337	4.03	16.13	92.162	14.23	0.
6	21.40	0.500	3.12	12.50	118.116	18.23	0.
7	24.51	0.466	5.80	23.22	178.563	27.56	0.
7	27.00	0.410	24.90	99.67	645.341	99.62	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/22/2018 7:54:05 AM
Printed by: wet

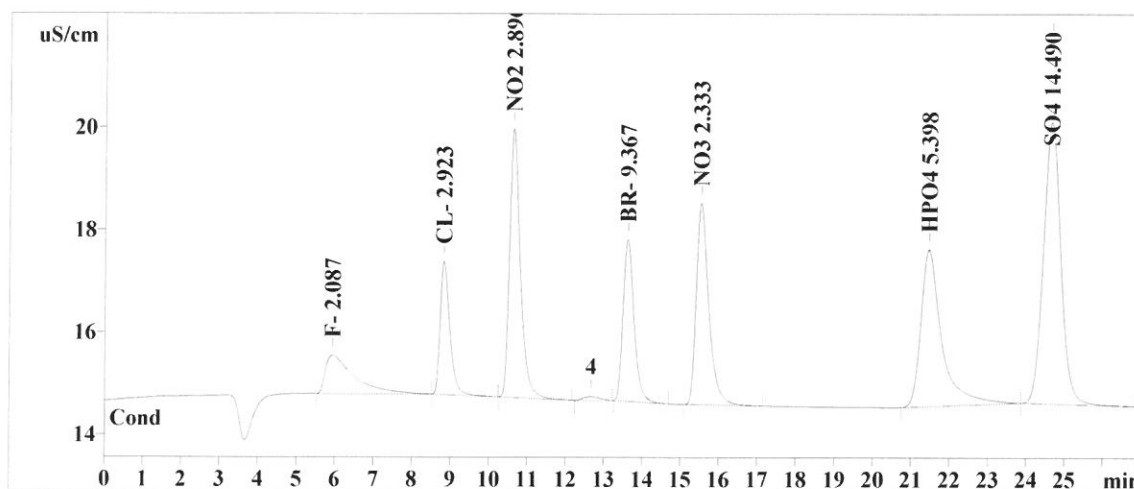
Ident: CCV
Analysis from: 6/21/2018 3:10:20 PM
File: _2018-06-21_

Last save: 6/21/2018 3:37:10 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62781

Last save: 6/15/2018 8:48:46 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	5.94	0.712	0.75	3.09	39.171	6.17	0.
2	8.82	0.257	2.60	10.69	45.167	7.12	0.
3	10.62	0.291	5.24	21.54	103.635	16.33	0.
4	13.61	0.304	3.16	12.99	63.821	10.06	0.
5	15.53	0.337	3.94	16.18	89.982	14.18	0.
6	21.45	0.505	3.06	12.58	116.308	18.33	0.
7	24.64	0.478	5.50	22.59	174.169	27.44	0.
7	27.00	0.412	24.26	99.67	632.253	99.63	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/22/2018 7:55:00 AM
Printed by: wet

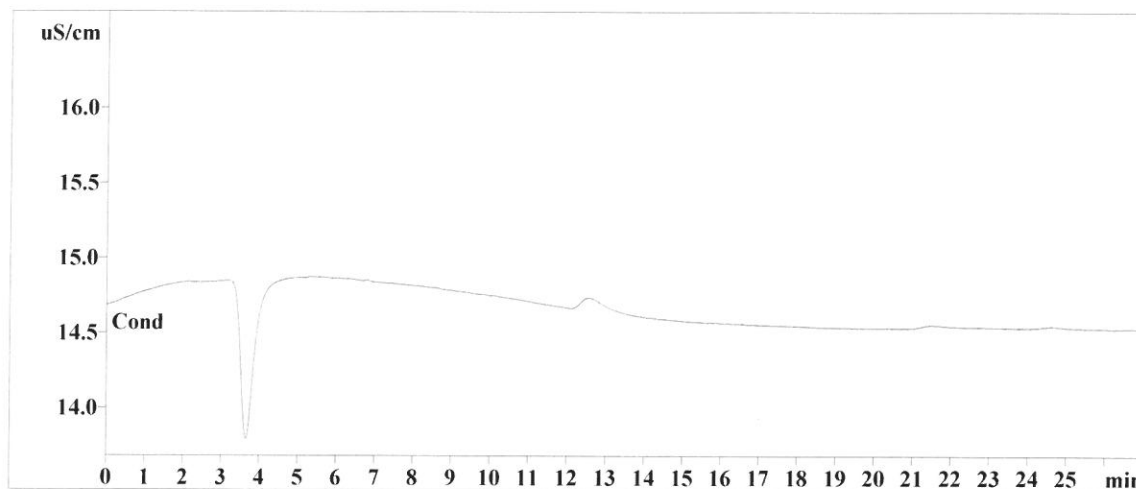
Ident: CCB
Analysis from: 6/21/2018 3:40:15 PM
File: _2018-06-21_

Last save: 6/22/2018 7:55:00 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62782

Last save: 6/15/2018 8:48:46 AM

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
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