

IC1 300.0

6-20-18 AK

Clear table

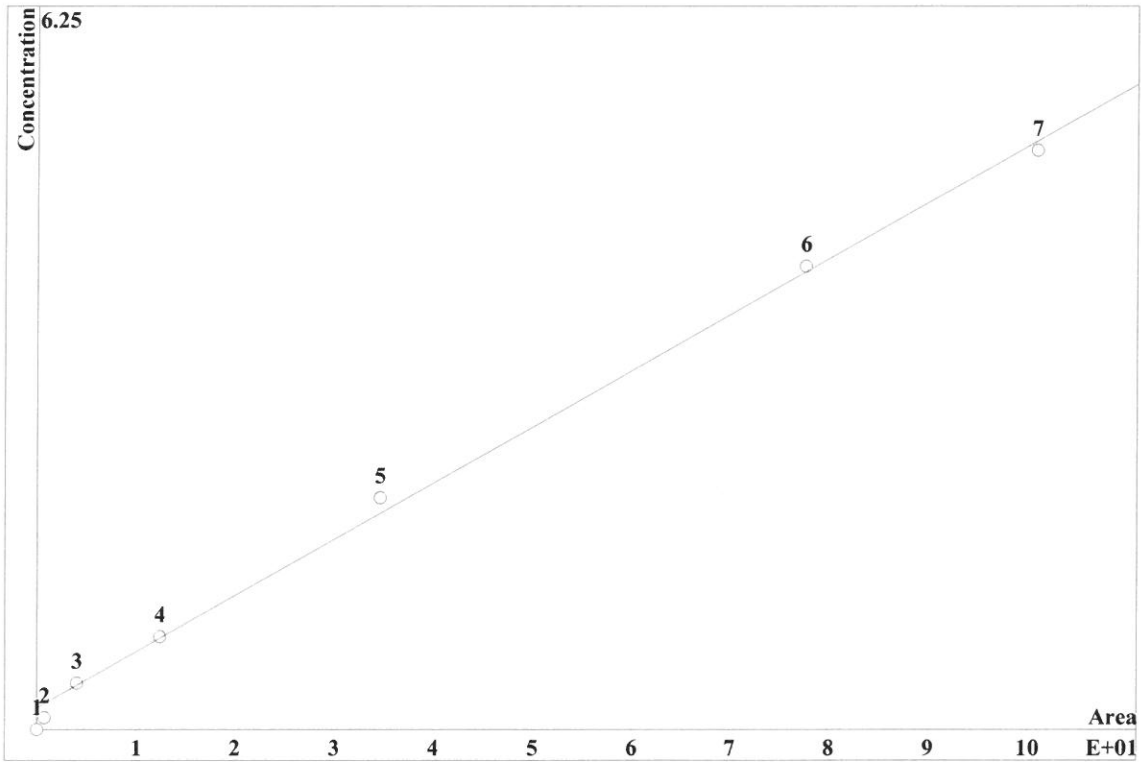
ident	concentrati on F-	concentrati on CL-	concentrati on NO2	concentrati on BR-	concentrati on NO3	concentrati on HPO4	concentrati on SO4	file name	date time
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-06-11_	6/11/18 10:31
STD2	0.2020	0.2150	0.2270	0.7220	0.1760	0.0310	1.2780	2018-06-11_	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	2.0620	2.9600	2.9760	9.8530	2.4480	5.0960	14.7840	2018-06-20_	6/20/18 11:10
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-06-20_	6/20/18 11:40
LB96172BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-06-20_	6/20/18 12:10
LB96172BSW	2.0720	2.8750	2.8610	9.4830	2.3680	5.3420	15.0090	2018-06-20_	6/20/18 12:40
J3631-01	0.0000	2.7620	0.0000	0.0000	0.0000	0.0000	1.3600	2018-06-20_	6/20/18 15:00
J3631-04	0.0000	2.1070	0.0000	0.0000	0.0000	0.0000	1.4130	2018-06-20_	6/20/18 15:30
J3631-05	0.0000	1.3720	0.0000	0.0000	0.0000	0.0000	4.3360	2018-06-20_	6/20/18 16:00
J3631-06	0.0000	1.3070	0.0000	0.0000	0.0000	0.0000	4.3100	2018-06-20_	6/20/18 16:29
J3631-08	0.0000	0.2460	0.0000	0.0000	0.0000	0.0000	0.0000	2018-06-20_	6/20/18 16:59
J3631-01DUP	0.0000	2.7370	0.0000	0.0000	0.0000	0.0000	1.3690	2018-06-20_	6/20/18 17:29
J3631-02MS	2.4740	5.3790	2.8630	9.6560	2.4130	4.6850	15.7900	2018-06-20_	6/20/18 17:59
J3631-03MSD	2.3940	5.2930	2.7580	9.3610	2.3280	5.0670	15.2910	2018-06-20_	6/20/18 18:29
CCV	2.1300	2.9050	2.9020	9.6450	2.4010	5.8090	14.8050	2018-06-20_	6/20/18 18:59
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-06-20_	6/20/18 19:29

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:

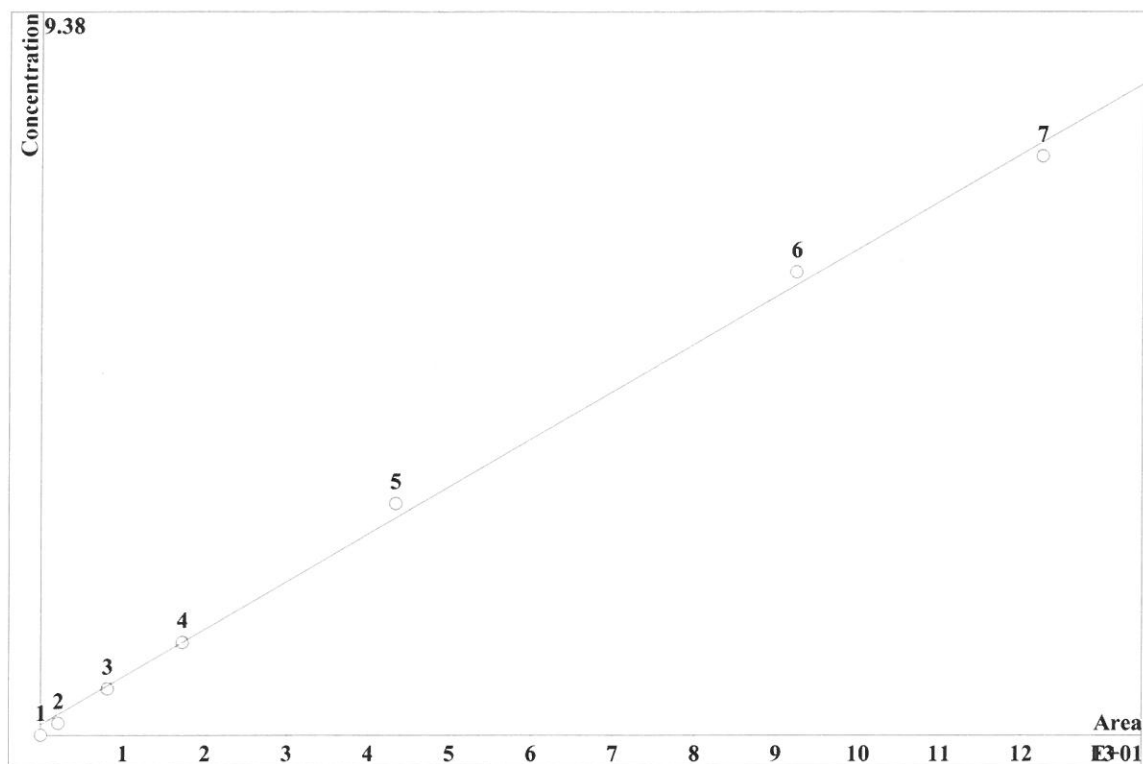
Formula: Linear

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

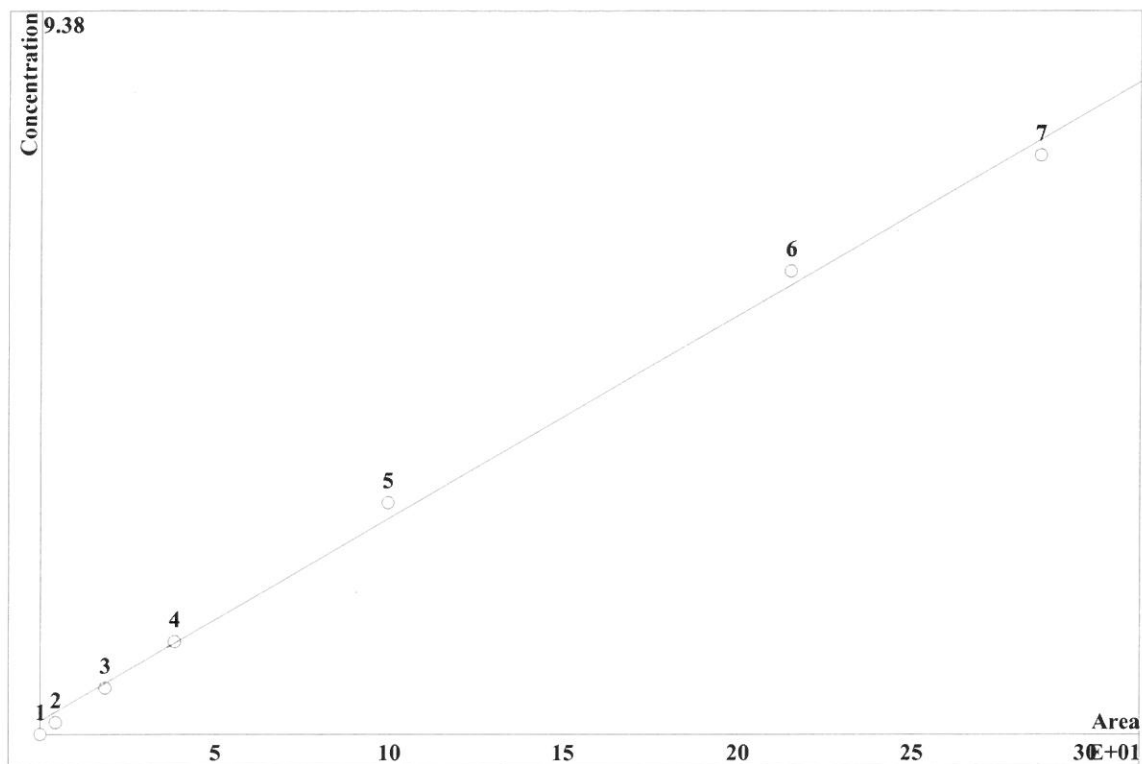


K3 = 0 K2 = 0 K1 = 1.23247 K0 = 2.78813
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

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

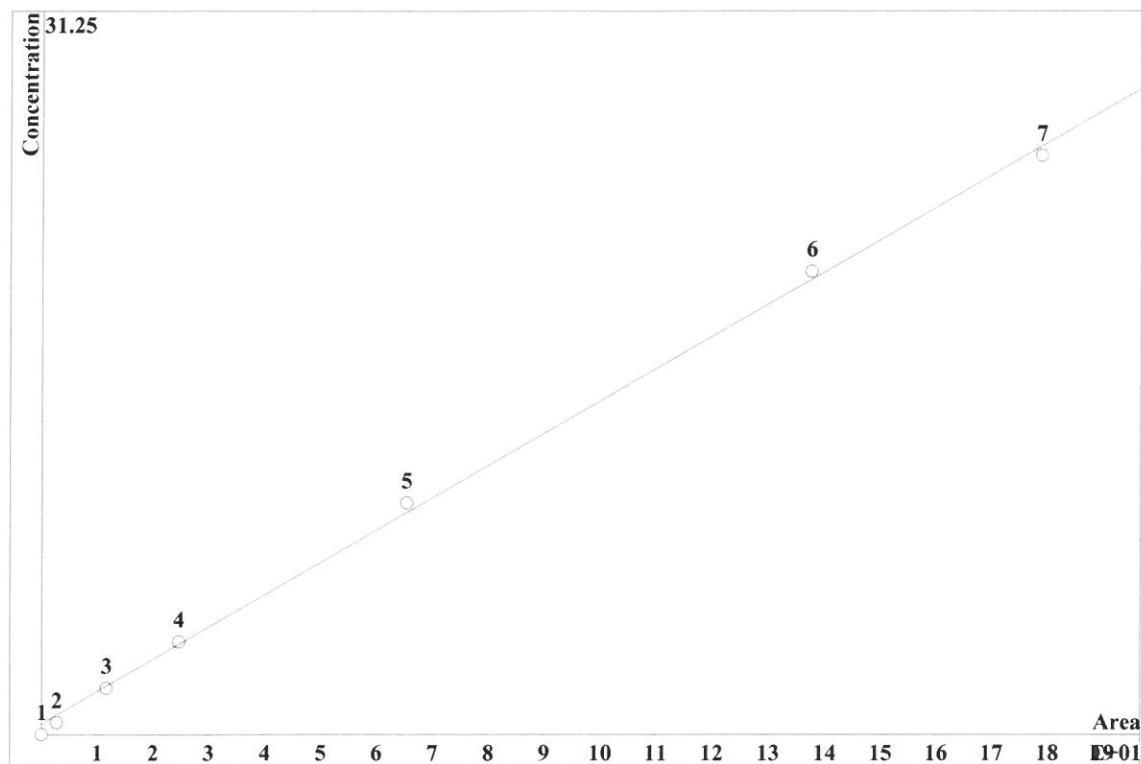


K3 = 0 K2 = 0 K1 = 0.525111 K0 = 3.49018
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

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:

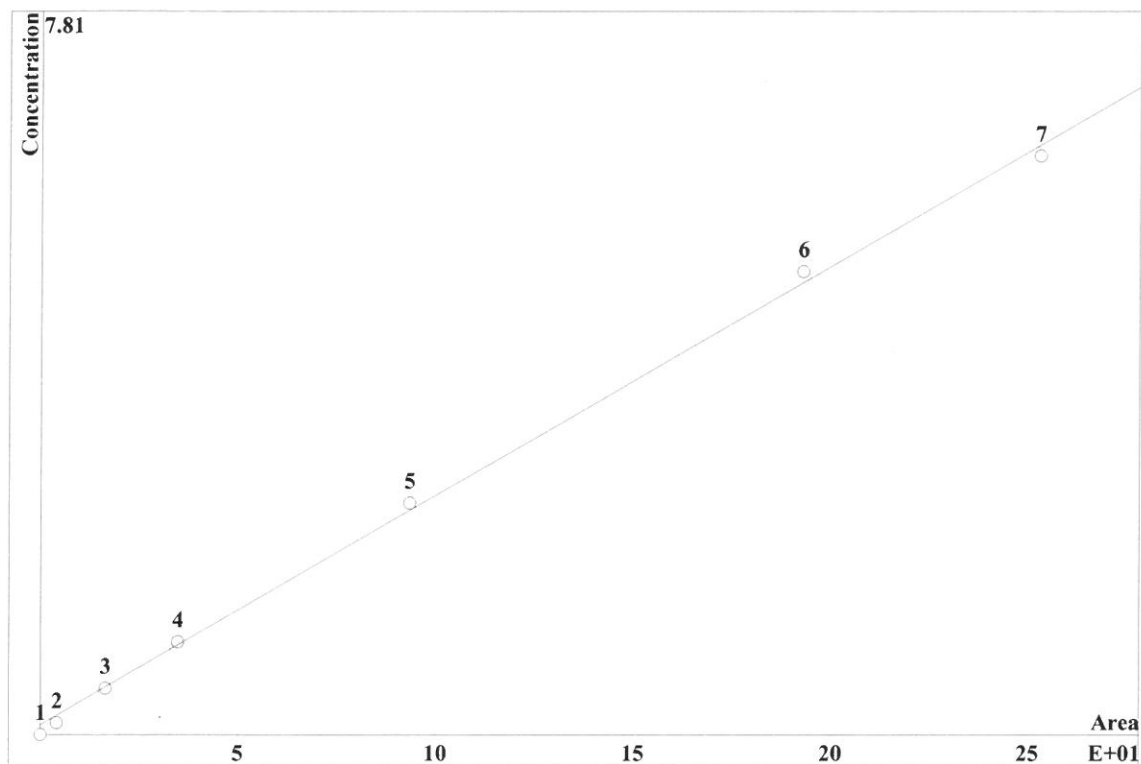
Formula: Linear

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:

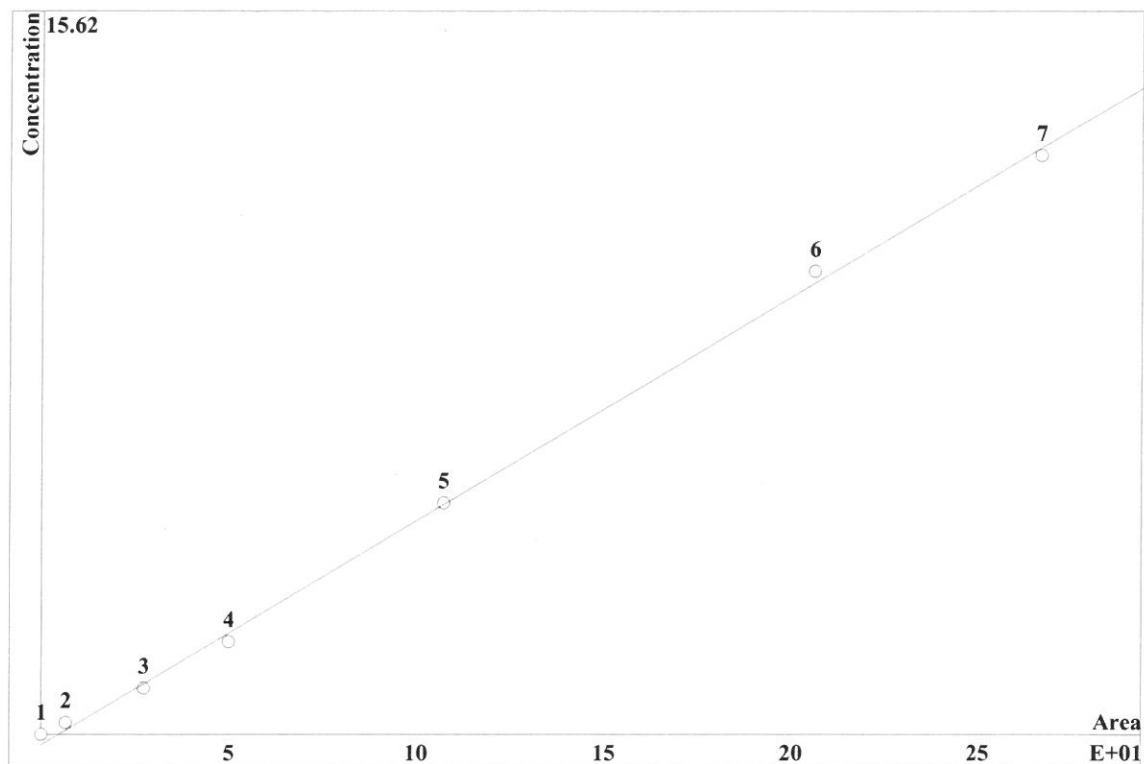
Formula: Linear

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:

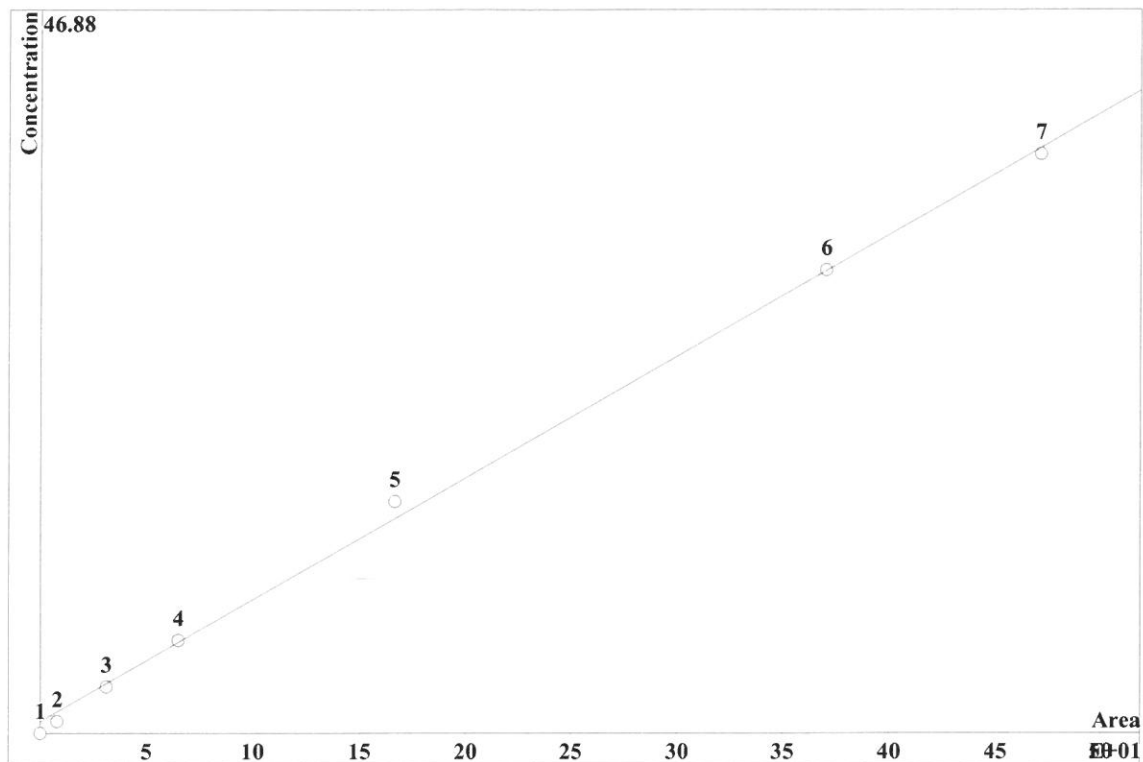
Formula: Linear

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

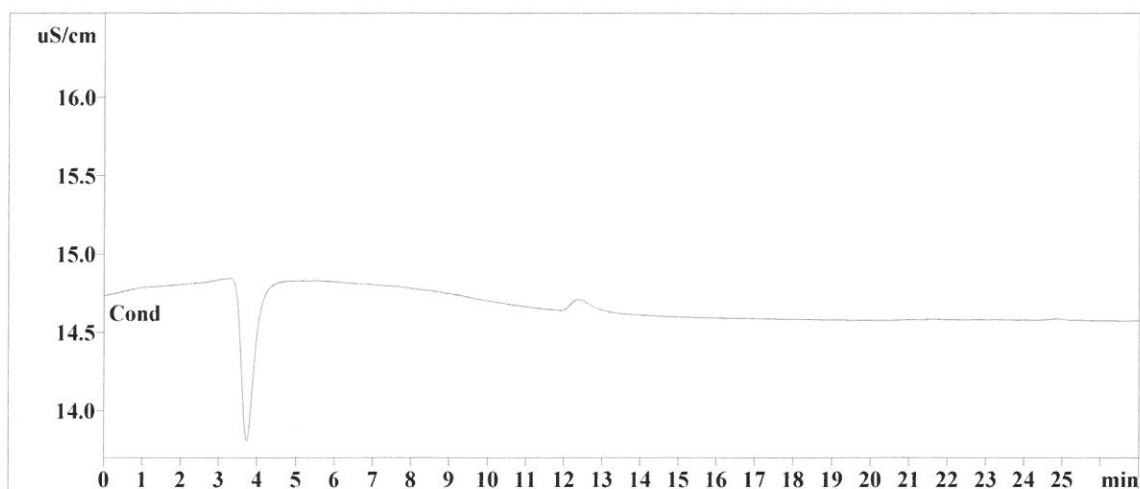
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File: _2018-06-11_

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

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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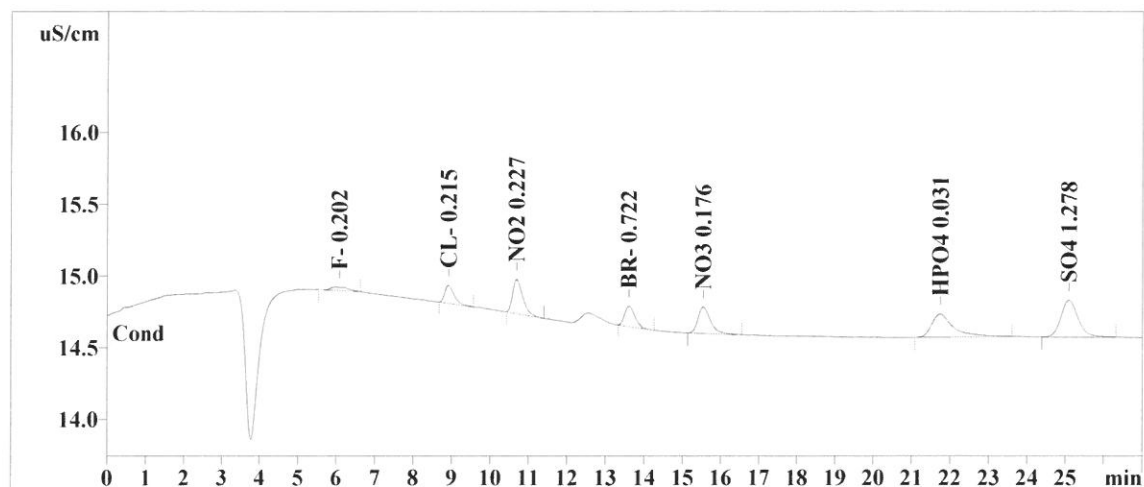
Report date: 6/12/2018 10:59:35 AM
Printed by: wet

Ident: STD2
Analysis from: 6/11/2018 11:01:44 AM
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:
: 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	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

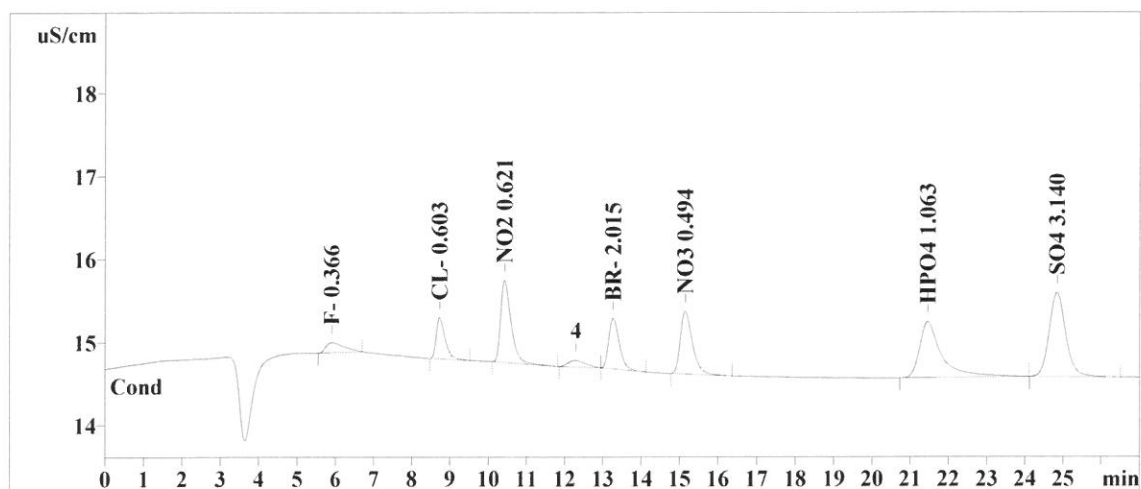
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Analysis from: 6/11/2018 11:31:39 AM
File: _2018-06-11_

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

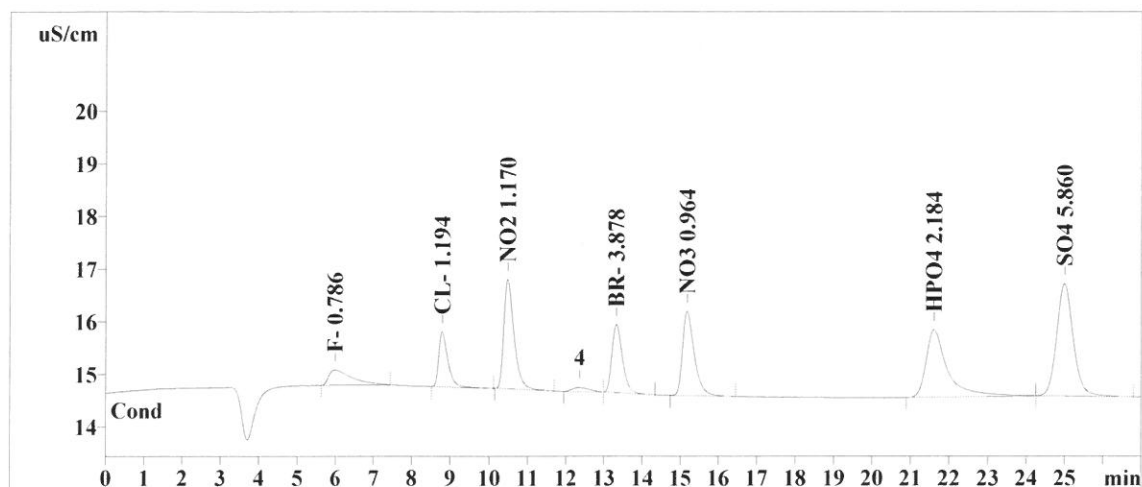
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File: _2018-06-11_

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

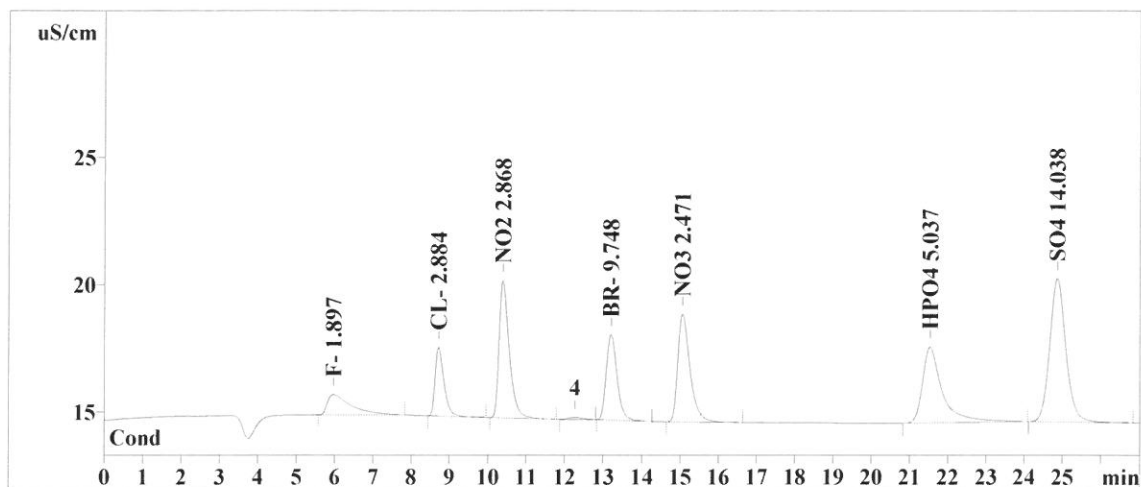
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File: _2018-06-11_

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

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

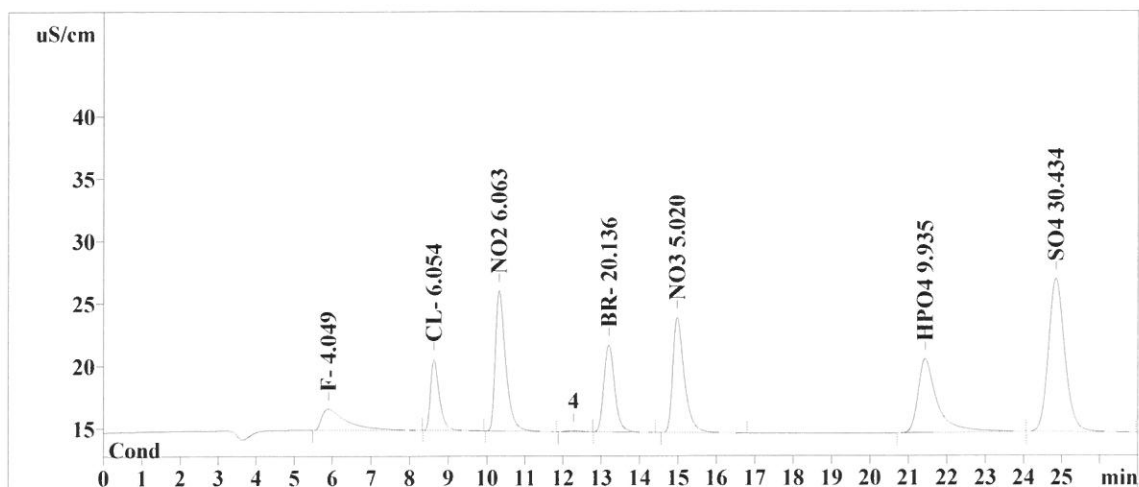
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 Analysis from: 6/11/2018 1:01:24 PM
 File: _2018-06-11_

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

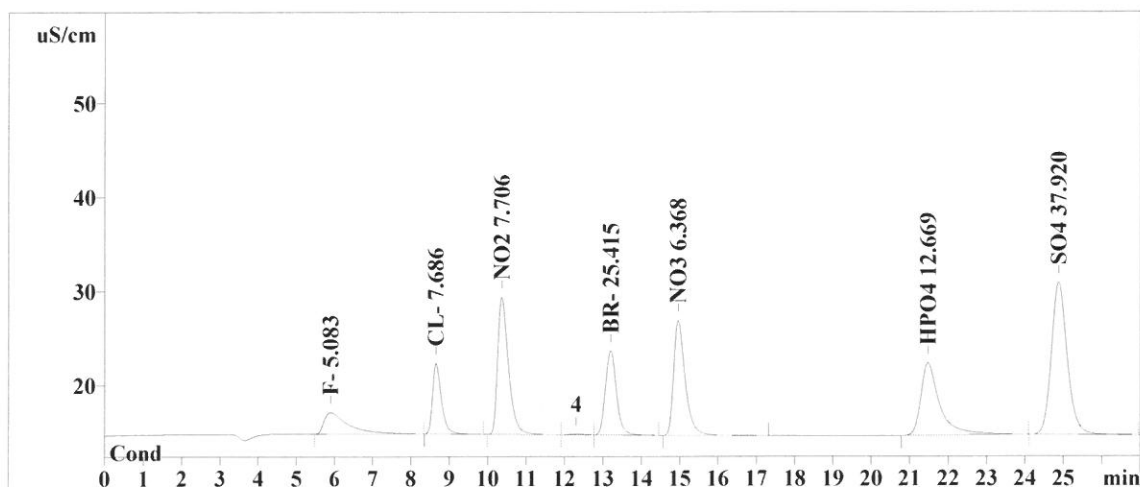
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Last save: 6/11/2018 4:37:10 PM

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

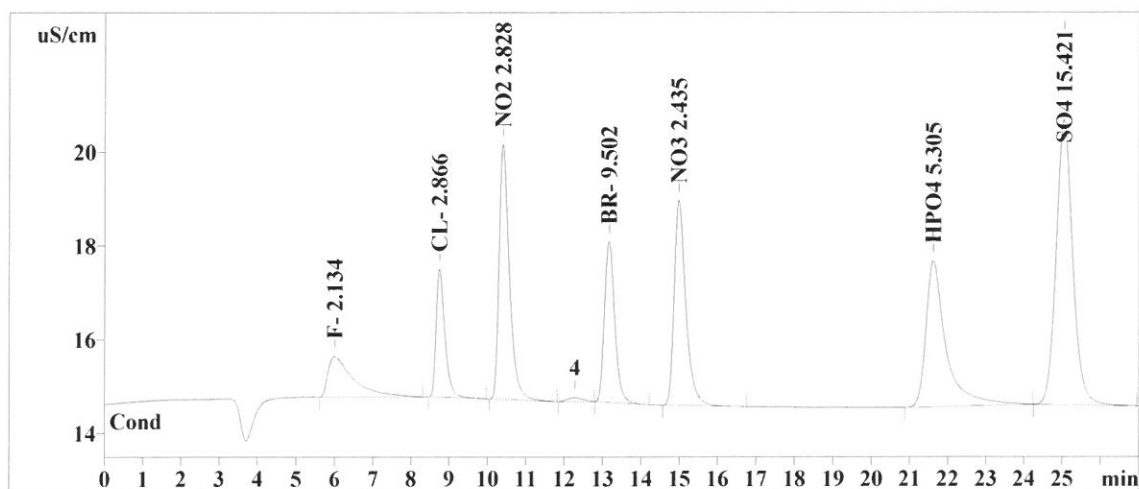
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 File: _2018-06-11_

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

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

Report date: 6/12/2018 11:00:46 AM
Printed by: wet

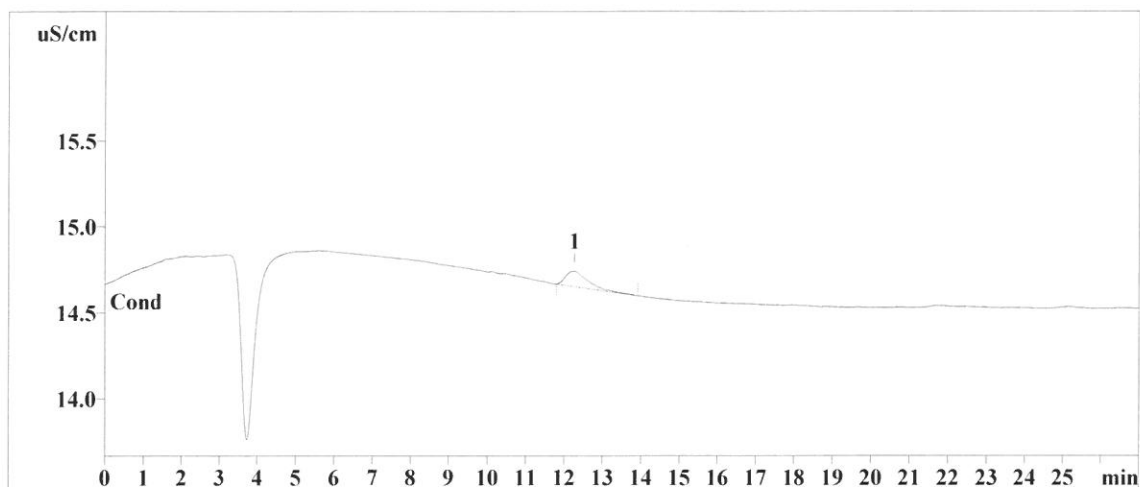
Ident: ICB
Analysis from: 6/11/2018 3:33:57 PM
File: _2018-06-11_

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

Method: ANIONS 06-11-18.mtw
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.

This report has been created by IC Net
METROHM LTD

Report date: 6/21/2018 8:24:17 AM
Printed by: wet

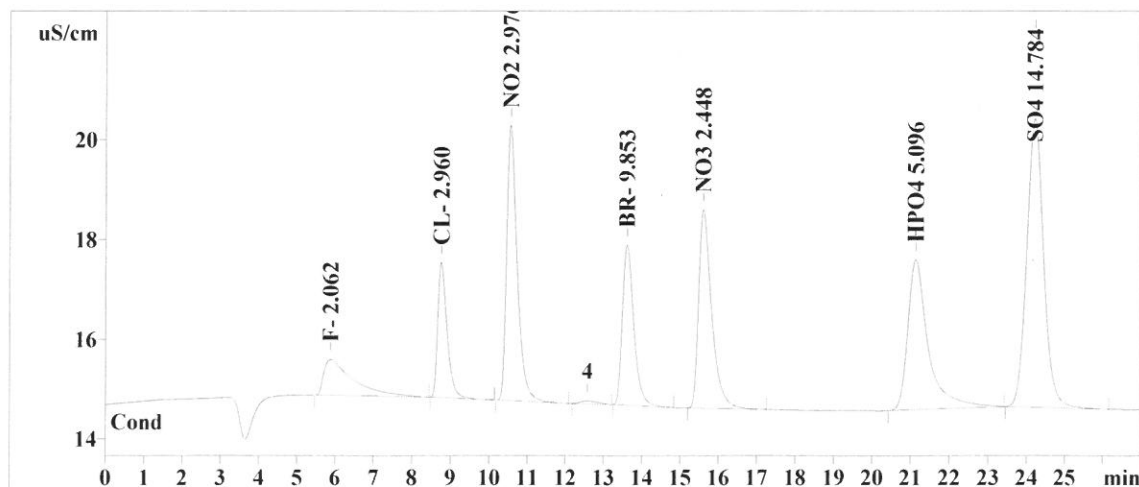
Ident: CCV
Analysis from: 6/20/2018 11:10:35 AM
File: _2018-06-20_

Last save: 6/20/2018 11:37:24 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62753

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	0.733	0.72	2.88	38.643	6.01	0.
2	8.75	0.250	2.71	10.85	45.778	7.12	0.
3	10.55	0.284	5.52	22.08	106.686	16.59	0.
4	13.61	0.314	3.21	12.85	67.306	10.47	0.
5	15.60	0.348	3.98	15.91	94.632	14.72	0.
6	21.13	0.489	3.01	12.03	110.054	17.12	0.
7	24.20	0.462	5.79	23.14	177.894	27.67	0.
7	27.00	0.411	24.94	99.74	640.992	99.69	0.

This report has been created by IC Net
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Report date: 6/21/2018 8:24:24 AM
Printed by: wet

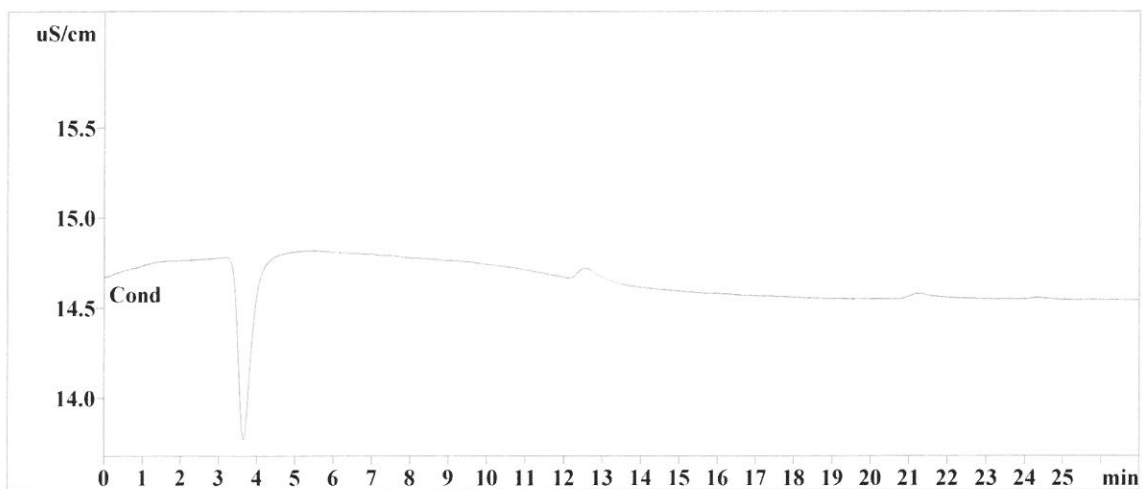
Ident: CCB
Analysis from: 6/20/2018 11:40:31 AM
File: _2018-06-20_

Last save: 6/21/2018 8:23:58 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62754

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: 6/21/2018 9:09:01 AM
Printed by: wet

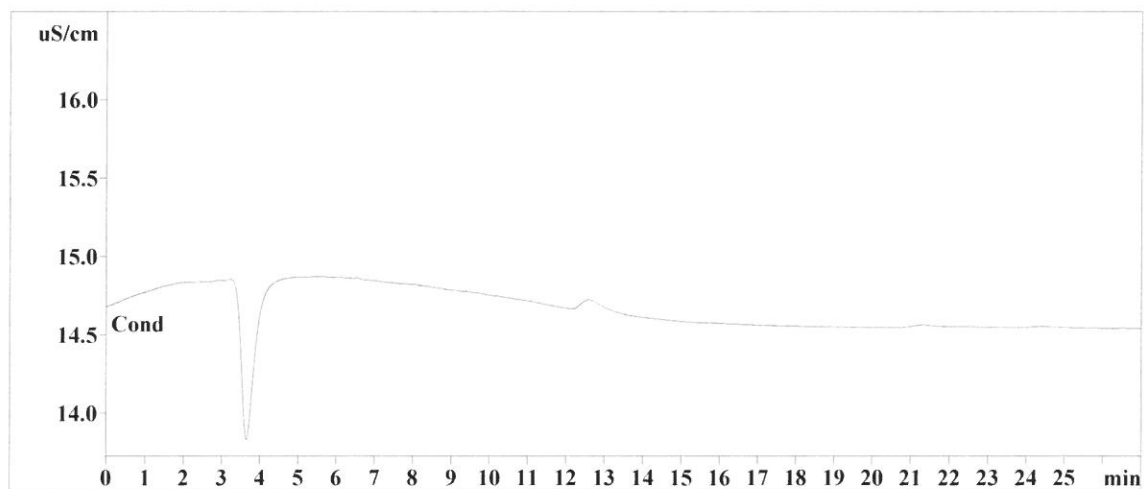
Ident: LB96172BLW
Analysis from: 6/20/2018 12:10:26 PM
File: _2018-06-20_

Last save: 6/21/2018 9:09:00 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62755

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: 6/21/2018 9:09:13 AM
 Printed by: wet

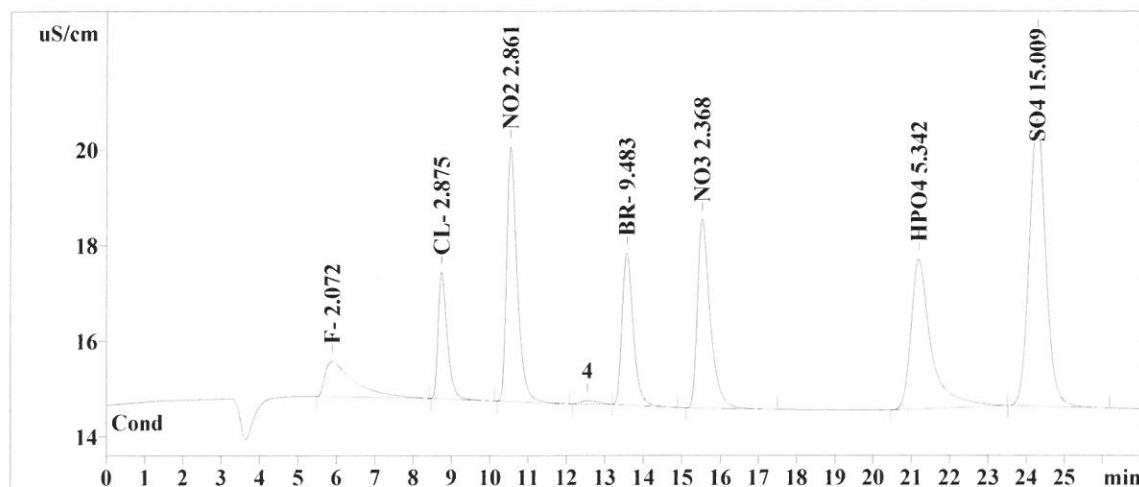
Ident: LB96172BSW
 Analysis from: 6/20/2018 12:40:22 PM
 File: _2018-06-20_

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

Method: ANIONS 06-11-18.mtw
 Run operator: wet
 Analysis number: 62756

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	5.89	0.721	0.74	2.95	38.858	6.07	0.
2	8.73	0.249	2.64	10.55	44.387	6.94	0.
3	10.53	0.283	5.33	21.28	102.313	15.99	0.
4	13.56	0.306	3.17	12.66	64.651	10.10	0.
5	15.52	0.339	3.95	15.76	91.388	14.28	0.
6	21.18	0.487	3.13	12.49	115.137	17.99	0.
7	24.27	0.453	6.01	24.00	180.756	28.25	0.
7	27.00	0.405	24.97	99.69	637.489	99.63	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/21/2018 9:09:46 AM
Printed by: wet

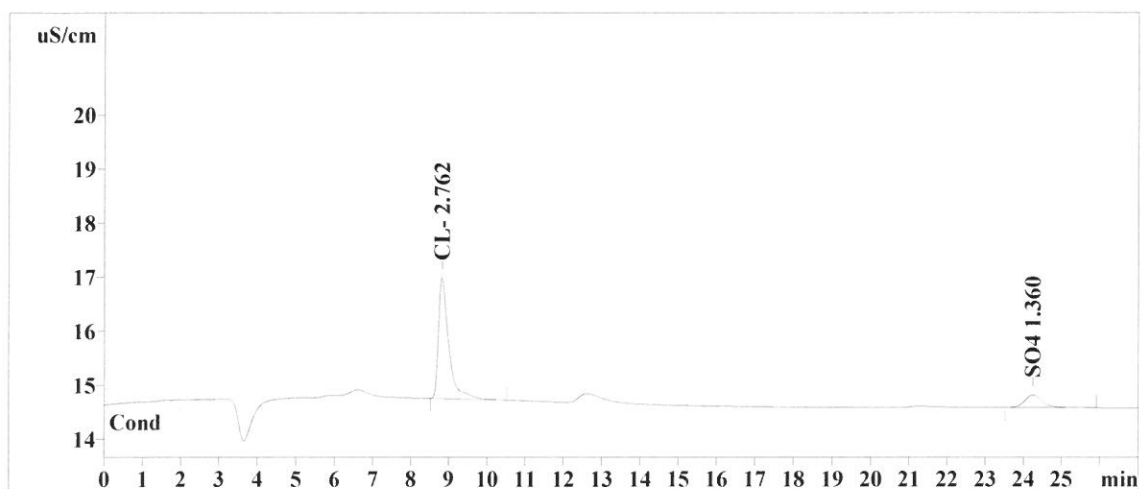
Ident: J3631-01
Analysis from: 6/20/2018 3:00:13 PM
File: _2018-06-20_

Last save: 6/21/2018 9:09:44 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62758

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

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	8.82	0.266	2.23	90.48	42.564	84.72	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.25	0.481	0.24	9.52	7.677	15.28	0.
7	27.00	0.107	2.47	100.00	50.242	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/21/2018 9:10:27 AM
Printed by: wet

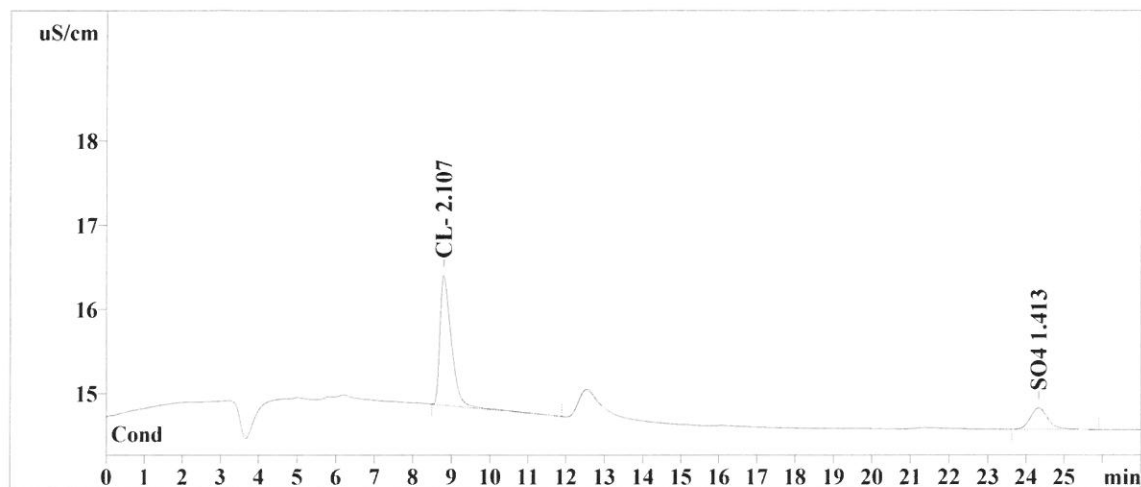
Ident: J3631-04
Analysis from: 6/20/2018 3:30:08 PM
File: _2018-06-20_

Last save: 6/21/2018 9:10:24 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62759

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

SAMPLE:
: AK/AP
Vial number: 22
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.79	0.303	1.54	85.66	31.932	79.26	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.33	0.477	0.26	14.27	8.354	20.74	0.
7	27.00	0.112	1.80	99.93	40.286	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/21/2018 9:10:58 AM
Printed by: wet

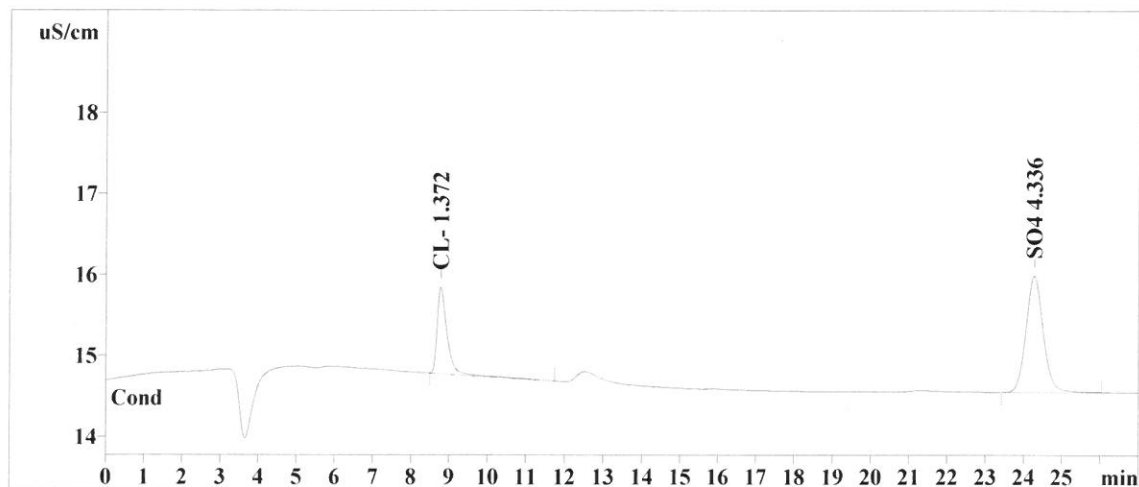
Ident: J3631-05
Analysis from: 6/20/2018 4:00:04 PM
File: _2018-06-20_

Last save: 6/21/2018 9:10:56 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62760

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

SAMPLE:
: AK/AP
Vial number: 23
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.77	0.263	1.06	42.49	20.009	30.58	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.27	0.474	1.44	57.45	45.419	69.42	0.
7	27.00	0.105	2.50	99.94	65.429	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/21/2018 9:11:25 AM
Printed by: wet

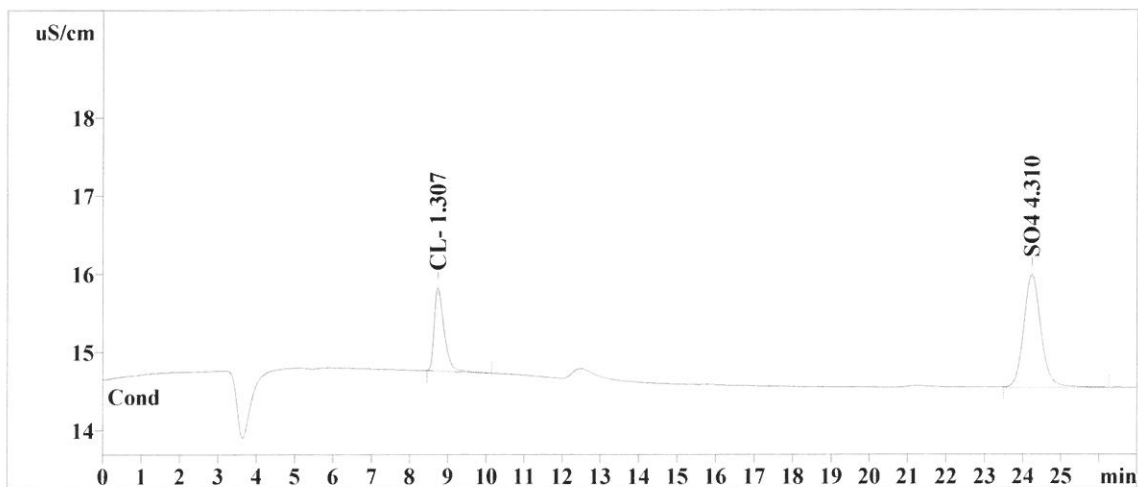
Ident: J3631-06
Analysis from: 6/20/2018 4:29:59 PM
File: _2018-06-20_

Last save: 6/21/2018 9:11:22 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62761

Last save: 6/15/2018 8:48:46 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.73	0.261	1.06	42.50	18.942	29.59	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.23	0.470	1.44	57.50	45.083	70.41	0.
7	27.00	0.104	2.50	100.00	64.024	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/21/2018 9:14:40 AM
Printed by: wet

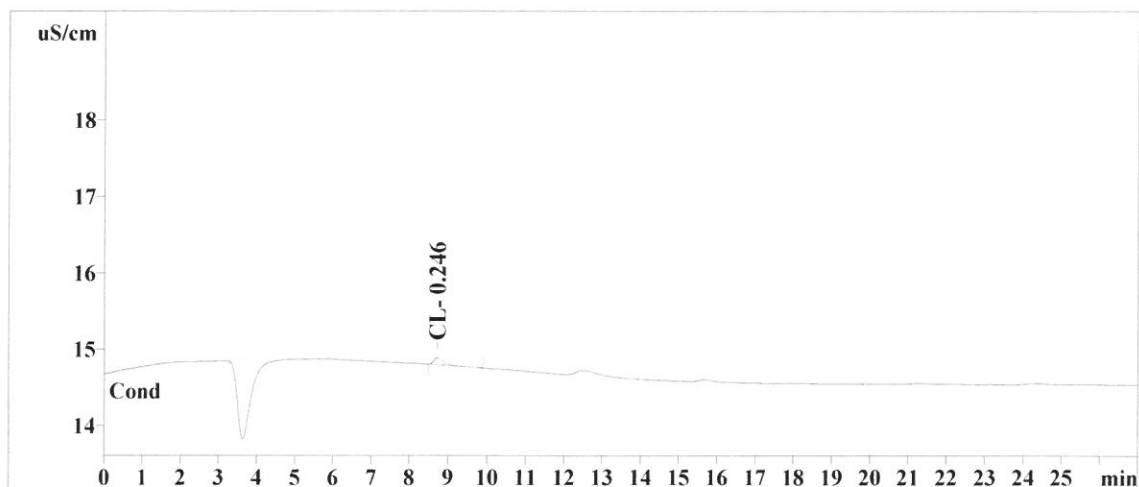
Ident: J3631-08
Analysis from: 6/20/2018 4:59:55 PM
File: _2018-06-20_

Last save: 6/21/2018 9:14:40 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62762

Last save: 6/15/2018 8:48:46 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.73	0.260	0.09	99.18	1.731	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	0.09	99.18	1.731	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/21/2018 9:15:07 AM
Printed by: wet

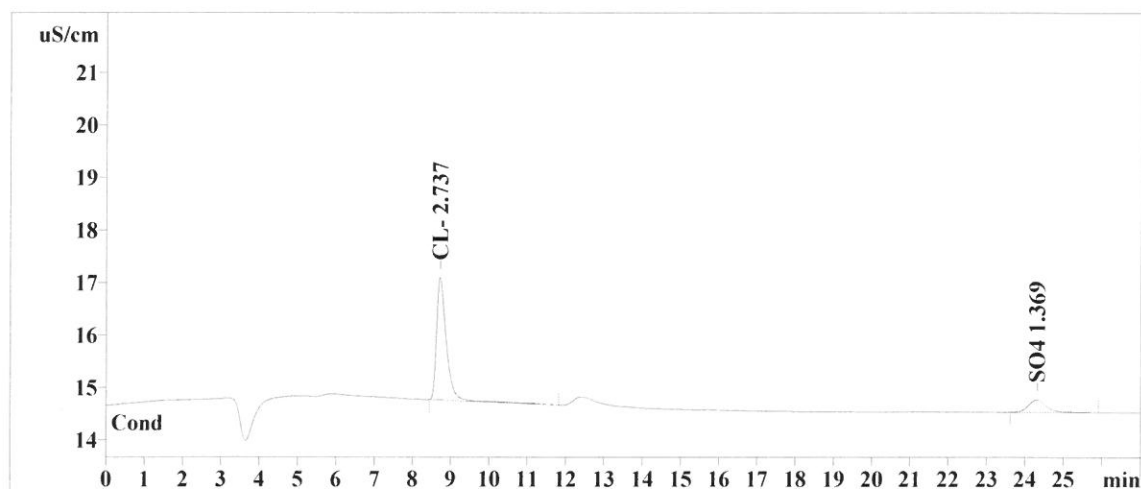
Ident: J3631-01DUP
Analysis from: 6/20/2018 5:29:51 PM
File: _2018-06-20_

Last save: 6/21/2018 9:15:06 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62763

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

SAMPLE:
: AK/AP
Vial number: 19
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	0.261	2.33	90.74	42.156	84.39	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	24.31	0.480	0.24	9.24	7.800	15.61	0.
7	27.00	0.106	2.57	99.98	49.956	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/21/2018 9:15:28 AM
Printed by: wet

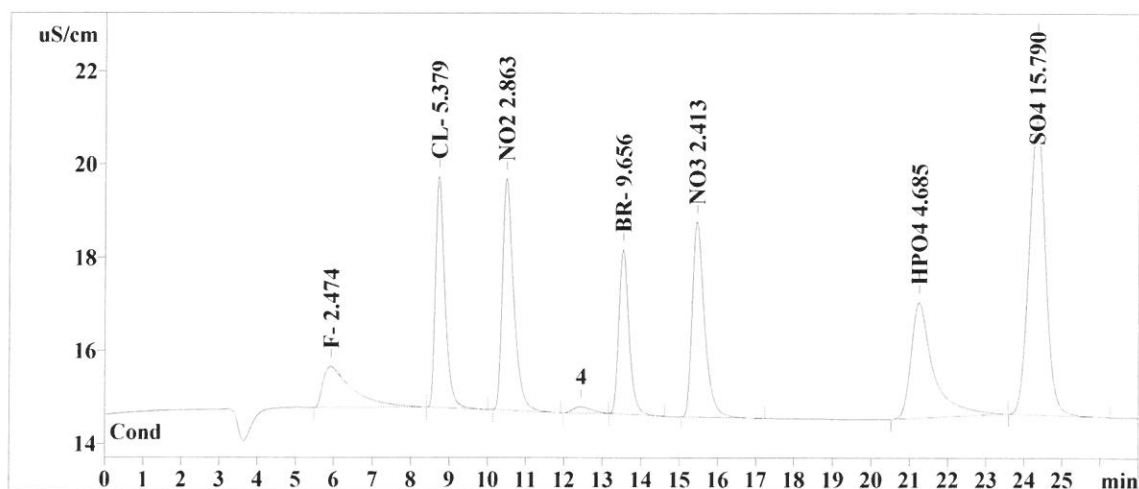
Ident: J3631-02MS
Analysis from: 6/20/2018 5:59:46 PM
File: _2018-06-20_

Last save: 6/20/2018 6:26:36 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62764

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

SAMPLE:
: AK/AP
Vial number: 20
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.92	0.740	0.88	3.22	47.144	6.83	0.
2	8.71	0.254	4.96	18.07	85.032	12.31	0.
3	10.48	0.304	4.97	18.12	102.411	14.83	0.
4	13.53	0.281	3.52	12.83	65.895	9.54	0.
5	15.44	0.326	4.19	15.25	93.194	13.50	0.
6	21.24	0.530	2.48	9.04	101.557	14.71	0.
7	24.31	0.458	6.30	22.94	190.649	27.61	0.
7	27.00	0.413	27.30	99.48	685.881	99.32	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/21/2018 9:15:43 AM
 Printed by: wet

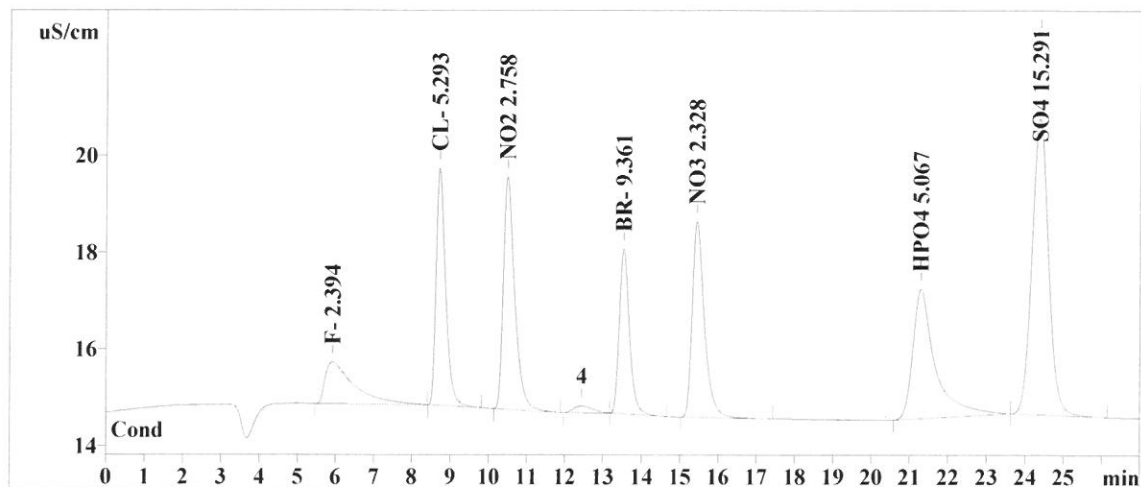
Ident: J3631-03MSD
 Analysis from: 6/20/2018 6:29:42 PM
 File: _2018-06-20_

Last save: 6/20/2018 6:56:32 PM

Method: ANIONS 06-11-18.mtw
 Run operator: wet
 Analysis number: 62765

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

SAMPLE:
 : AK/AP
 Vial number: 21
 Volume: 20.0 µL
 Dilution: 1.00
 Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.92	0.725	0.86	3.21	45.506	6.70	0.
2	8.71	0.254	4.89	18.17	83.629	12.30	0.
3	10.48	0.302	4.79	17.80	98.417	14.48	0.
4	13.53	0.281	3.40	12.63	63.781	9.38	0.
5	15.43	0.325	4.04	15.02	89.754	13.21	0.
6	21.29	0.527	2.67	9.92	109.452	16.10	0.
7	24.36	0.456	6.12	22.72	184.324	27.12	0.
7	27.00	0.410	26.78	99.47	674.862	99.30	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/21/2018 9:15:55 AM
Printed by: wet

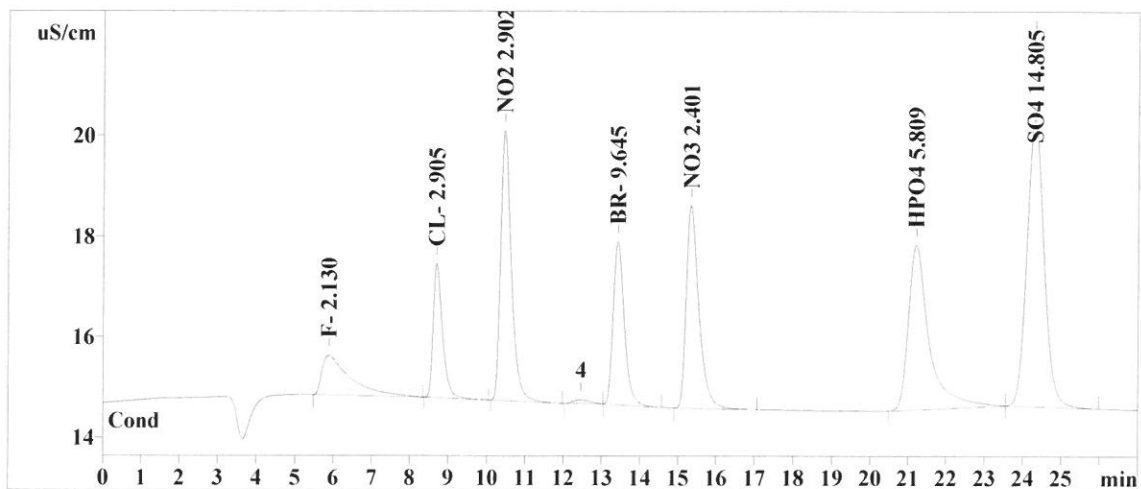
Ident: CCV
Analysis from: 6/20/2018 6:59:37 PM
File: _2018-06-20_

Last save: 6/20/2018 7:26:26 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62766

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	5.88	0.696	0.78	3.12	40.048	6.14	0.
2	8.70	0.250	2.66	10.58	44.885	6.88	0.
3	10.45	0.285	5.37	21.38	103.876	15.92	0.
4	13.42	0.306	3.23	12.87	65.812	10.08	0.
5	15.33	0.339	4.02	16.01	92.719	14.21	0.
6	21.20	0.504	3.27	13.02	124.811	19.13	0.
7	24.30	0.473	5.71	22.71	178.165	27.30	0.
7	27.00	0.408	25.05	99.70	650.315	99.65	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/21/2018 9:16:14 AM
Printed by: wet

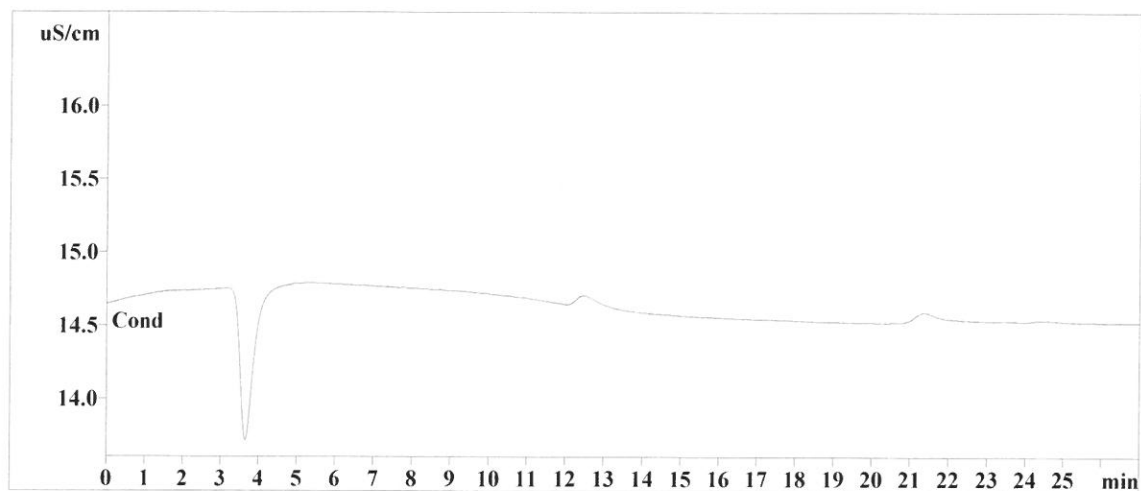
Ident: CCB
Analysis from: 6/20/2018 7:29:33 PM
File: _2018-06-20_

Last save: 6/21/2018 9:16:14 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62767

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