

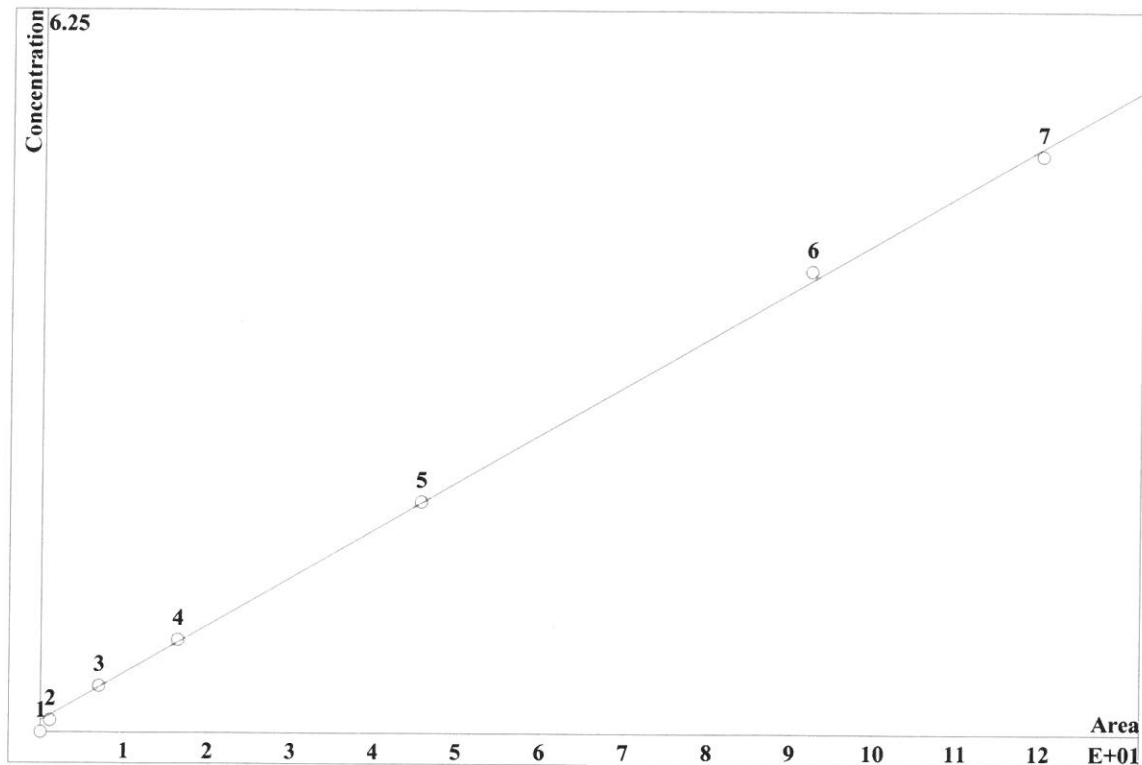
4-11-18 AB

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	2018-03-19_	3/19/18 11:39
STD2	0.1500	0.2550	0.2370	0.8930	0.2300	0.1560	1.3110	2018-03-19_	3/19/18 12:11
STD3	0.3910	0.6370	0.6410	2.1570	0.5450	0.9160	3.1970	2018-03-19_	3/19/18 12:43
STD4	0.7810	1.1970	1.1780	3.8990	0.9790	2.0960	5.8990	2018-03-19_	3/19/18 13:15
STD5	1.9910	2.8560	2.9190	9.4060	2.3260	5.1130	14.1490	2018-03-19_	3/19/18 13:47
STD6	3.9180	5.8250	5.7830	19.7170	4.9370	10.1390	29.5500	2018-03-19_	3/19/18 14:19
STD7	5.0690	7.6800	7.6910	25.4270	6.3580	12.3300	38.1440	2018-03-19_	3/19/18 14:51
ICV	1.9800	2.9080	2.9290	9.6630	2.3880	5.2610	15.2060	2018-03-19_	3/19/18 16:27
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-03-19_	3/19/18 17:23
CCV	1.9140	2.9300	2.8720	9.6020	2.3590	4.6660	14.3000	2018-03-30_	3/30/18 9:07
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-03-30_	3/30/18 9:39
LB94529BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-03-30_	3/30/18 10:10
LB94529BSW	1.9130	2.9020	2.9310	9.5810	2.4040	4.7770	15.4000	2018-03-30_	3/30/18 11:19
J2133-07	0.1360	0.1810	0.1920	0.7180	0.1820	-0.0700	1.0950	2018-03-30_	3/30/18 12:59
J2133-09	0.1320	0.1790	0.1920	0.7110	0.1810	-0.0730	1.0830	2018-03-30_	3/30/18 13:30
J2133-08	0.2350	0.3870	0.4120	1.3640	0.3490	0.3740	2.1350	2018-03-30_	3/30/18 14:32
J2133-07	0.1590	0.2460	0.2630	0.8950	0.2310	0.1110	1.3940	2018-03-30_	3/30/18 16:04
J2133-09	0.1690	0.2460	0.2630	0.9080	0.2260	0.1320	1.4080	2018-03-30_	3/30/18 16:35
CCV	1.9900	2.8990	2.8960	9.5610	2.3880	5.0820	14.4240	2018-03-30_	3/30/18 17:06
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-03-30_	3/30/18 17:37

IC-1 3-19-18
cal Ak

CALIBRATION OF COMPONENT F-

Method: ANIONS 03-19-18.mtw
Equation: $Q = 0.827175 \cdot A + 2.04637$
RSD: 2.922 %
Correlation coefficient: 0.999651



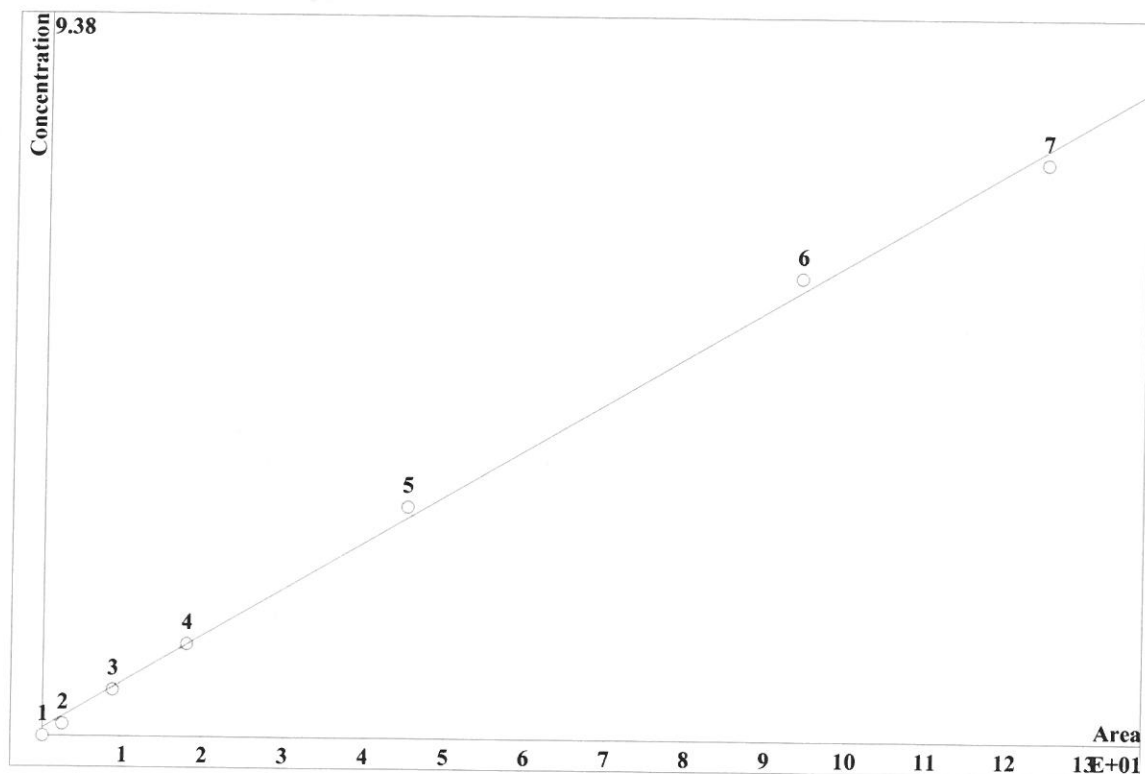
K3 = 0 K2 = 0 K1 = 0.827175 K0 = 2.04637

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	0.04538	1.141	0.1	20	5.921			Yes
3	0.2594	6.989	0.4	20	5.921			Yes
4	0.5635	16.41	0.8	20	5.921			Yes
5	1.518	45.66	2	20	5.921			Yes
6	3.234	92.27	4	20	5.921			Yes
7	4.105	120.1	5	20	5.921			Yes

CALIBRATION OF COMPONENT CL-

Method: ANIONS 03-19-18.mtw
 Equation: $Q = 1.21583 \cdot A + 2.13837$
 RSD: 5.049 %
 Correlation coefficient: 0.998959



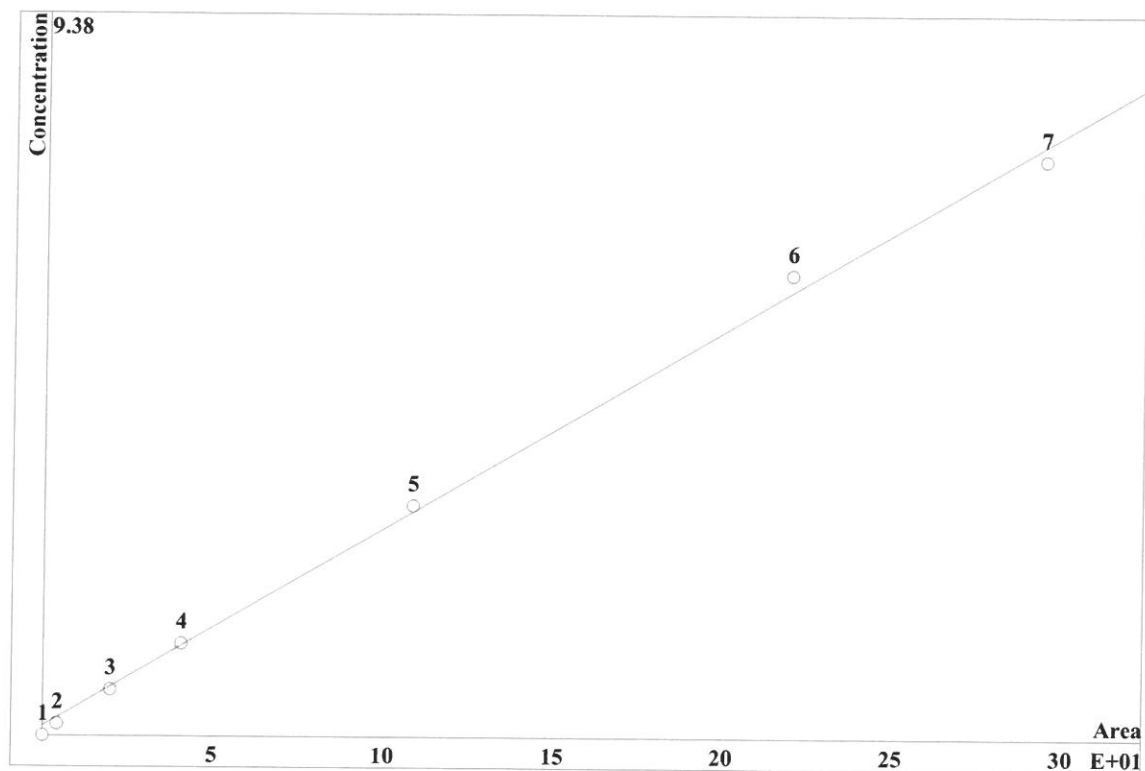
K3 = 0 K2 = 0 K1 = 1.21583 K0 = 2.13837

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	0.1382	2.432	0.15	20	8.982	Yes	
3	0.5252	8.718	0.6	20	8.982	Yes	
4	1.075	17.94	1.2	20	8.982	Yes	
5	2.756	45.22	3	20	8.982	Yes	
6	5.764	94.06	6	20	8.982	Yes	
7	7.49	124.6	7.5	20	8.982	Yes	

CALIBRATION OF COMPONENT NO2

Method: ANIONS 03-19-18.mtw
 Equation: $Q = 0.51376 \cdot A + 2.60348$
 RSD: 5.143 %
 Correlation coefficient: 0.998920



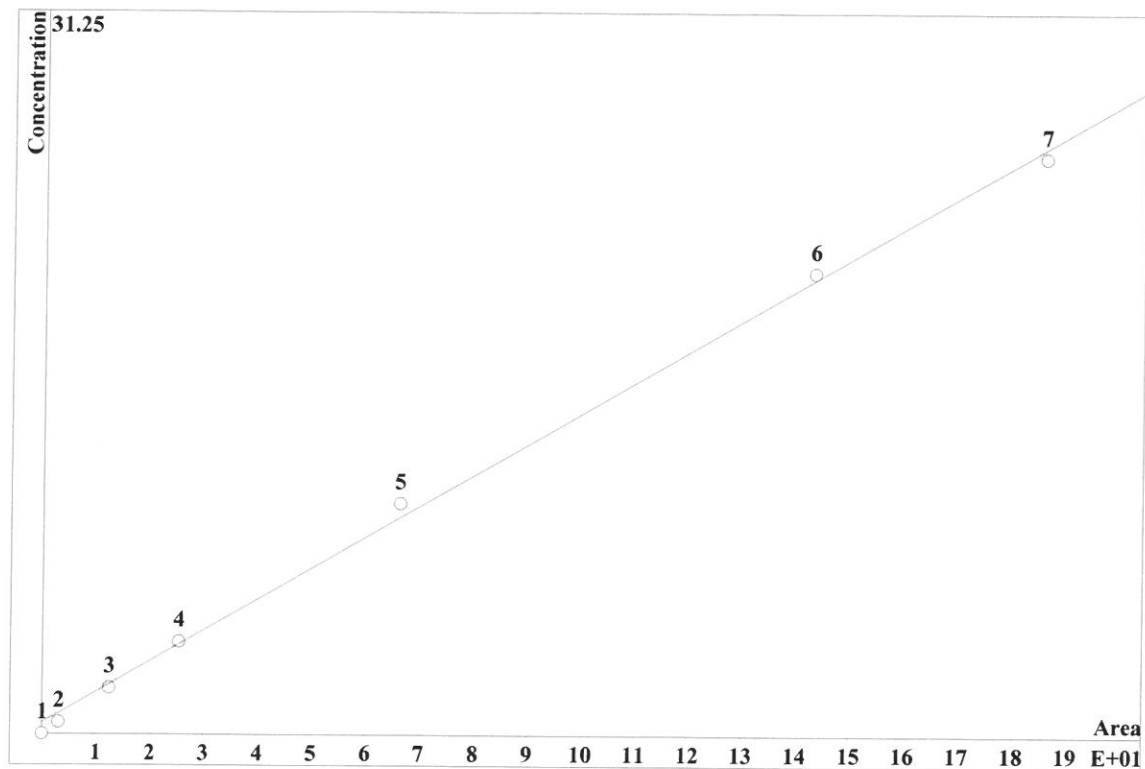
K3 = 0 K2 = 0 K1 = 0.51376 K0 = 2.60348

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	0.21	4.156	0.15	20	10.72	Yes		
3	1.035	19.9	0.6	20	10.72	Yes		
4	2.13	40.8	1.2	20	10.72	Yes		
5	5.487	108.6	3	20	10.72	Yes		
6	11.13	220	6	20	10.72	Yes		
7	14.24	294.3	7.5	20	10.72	Yes		

CALIBRATION OF COMPONENT BR-

Method: ANIONS 03-19-18.mtw
 Equation: $Q = 2.68494 \cdot A + 9.86212$
 RSD: 4.375 %
 Correlation coefficient: 0.999218



K3 = 0 K2 = 0 K1 = 2.68494 K0 = 9.86212

Base: Area

Ref.channel: Cond

ISTD:

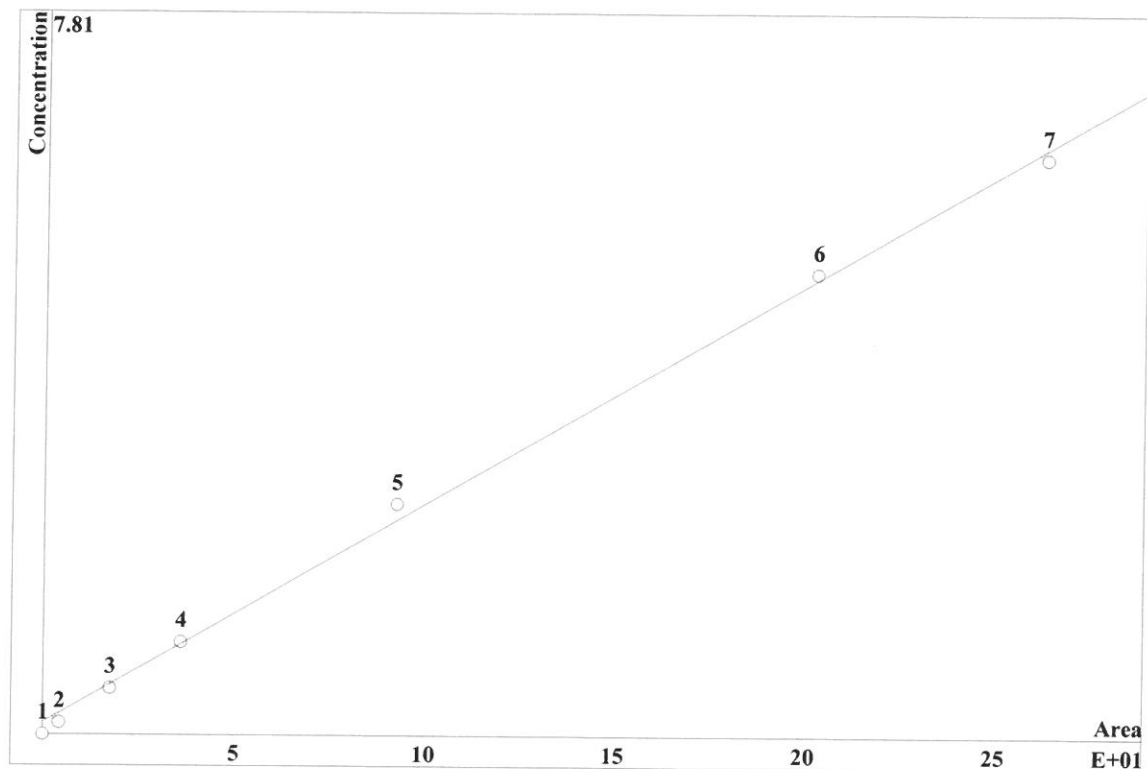
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.1528	2.981	0.5	20	13.6			Yes
3	0.6454	12.39	2	20	13.6			Yes
4	1.339	25.37	4	20	13.6			Yes
5	3.519	66.39	10	20	13.6			Yes
6	7.35	143.2	20	20	13.6			Yes
7	9.434	185.7	25	20	13.6			Yes

CALIBRATION OF COMPONENT NO3

Method: ANIONS 03-19-18.mtw
 Equation: $Q = 0.473492 \cdot A + 2.64071$
 RSD: 4.760 %
 Correlation coefficient: 0.999075



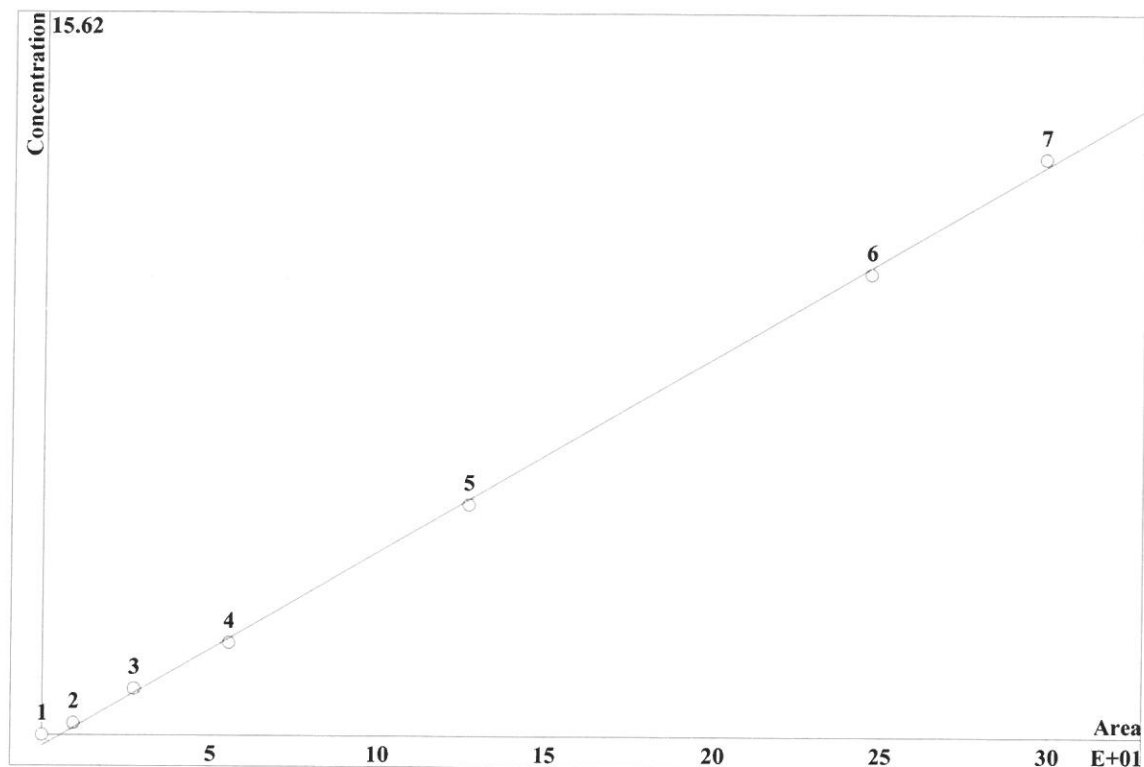
K3 = 0 K2 = 0 K1 = 0.473492 K0 = 2.64071

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	0.1886	4.149	0.125	20	15.49			Yes
3	0.7944	17.44	0.5	20	15.49			Yes
4	1.643	35.76	1	20	15.49			Yes
5	4.336	92.66	2.5	20	15.49			Yes
6	9.344	203	5	20	15.49			Yes
7	12.2	263	6.25	20	15.49			Yes

CALIBRATION OF COMPONENT HPO4

Method: ANIONS 03-19-18.mtw
 Equation: $Q = 0.841758 \cdot A - 4.5807$
 RSD: 2.868 %
 Correlation coefficient: 0.999664



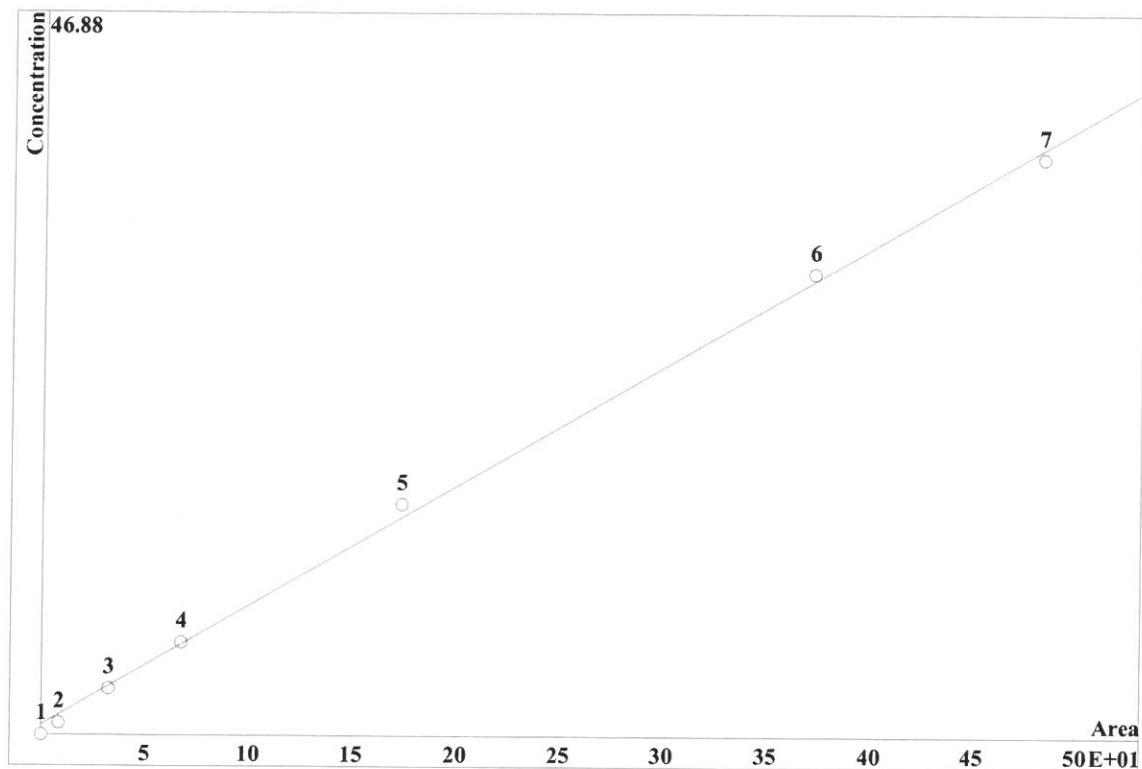
K3 = 0 K2 = 0 K1 = 0.841758 K0 = -4.5807

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

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	20	22.72	No	
2	0.2149	9.149	0.25	1	20	22.72	Yes	
3	0.6954	27.2	1	2	20	22.72	Yes	
4	1.377	55.25	2	5	20	22.72	Yes	
5	3.348	126.9	5	10	20	22.72	Yes	
6	6.804	246.3	10	20	22.72	Yes		
7	8.626	298.4	12.5	20	22.72	Yes		

CALIBRATION OF COMPONENT SO4

Method: ANIONS 03-19-18.mtw
 Equation: $Q = 1.55224 \cdot A + 13.2199$
 RSD: 4.247 %
 Correlation coefficient: 0.999263



K3 = 0 K2 = 0 K1 = 1.55224 K0 = 13.2199
 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	0.2644	8.376	0.75	20	25.7			Yes
3	1.07	32.68	3	20	25.7			Yes
4	2.205	67.48	6	20	25.7			Yes
5	5.865	173.8	15	20	25.7			Yes
6	12.67	372.2	30	20	25.7			Yes
7	16.58	483	37.5	20	25.7			Yes

Report date: 3/19/2018 4:51:12 PM
Printed by: wet

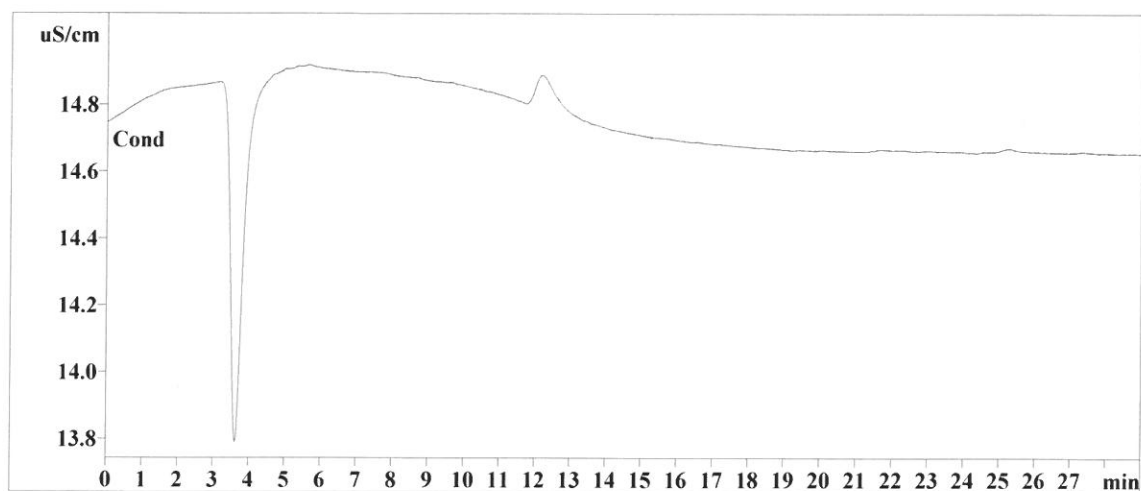
Ident: STD1
Analysis from: 3/19/2018 11:39:46 AM
File: _2018-03-19_

Last save: 3/19/2018 4:49:08 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61448

Last save: 3/19/2018 9:52:10 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: 3/19/2018 4:51:19 PM
Printed by: wet

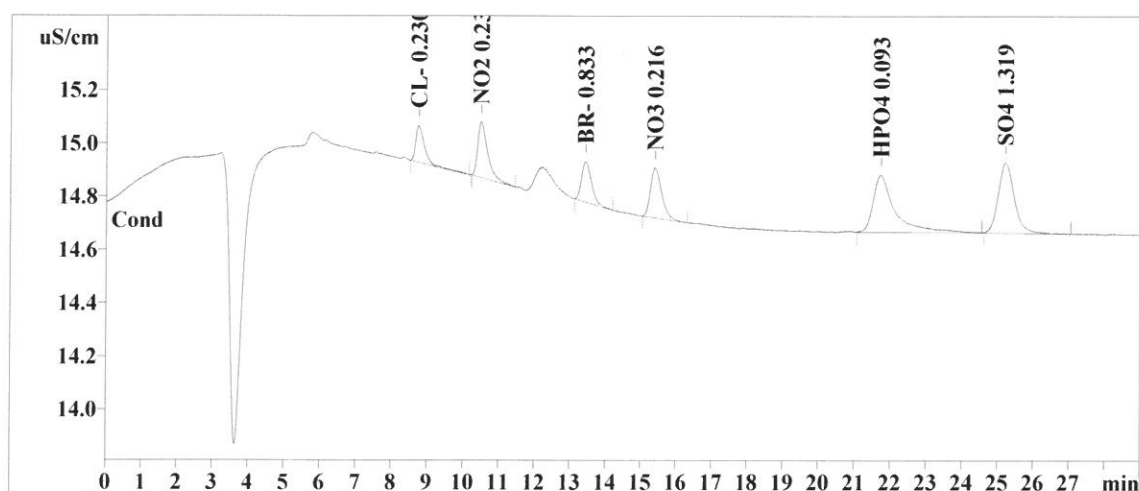
Ident: STD2
Analysis from: 3/19/2018 12:11:40 PM
File: _2018-03-19_

Last save: 3/19/2018 4:50:02 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61449

Last save: 3/19/2018 9:52:10 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.74	0.250	0.14	11.78	2.432	7.78	0.
3	10.49	0.286	0.21	17.92	4.156	13.30	0.
4	13.43	0.301	0.15	13.00	2.981	9.54	0.
5	15.38	0.332	0.19	16.07	4.149	13.28	0.
6	21.72	0.523	0.21	18.31	9.149	29.28	0.
7	25.21	0.468	0.26	22.57	8.376	26.81	0.
7	29.00	0.309	1.16	99.65	31.243	100.00	0.

This report has been created by IC Net
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Report date: 3/19/2018 4:52:13 PM
Printed by: wet

Ident: STD2
Analysis from: 3/19/2018 12:11:40 PM
File: _2018-03-19_

Last save: 3/19/2018 4:52:12 PM

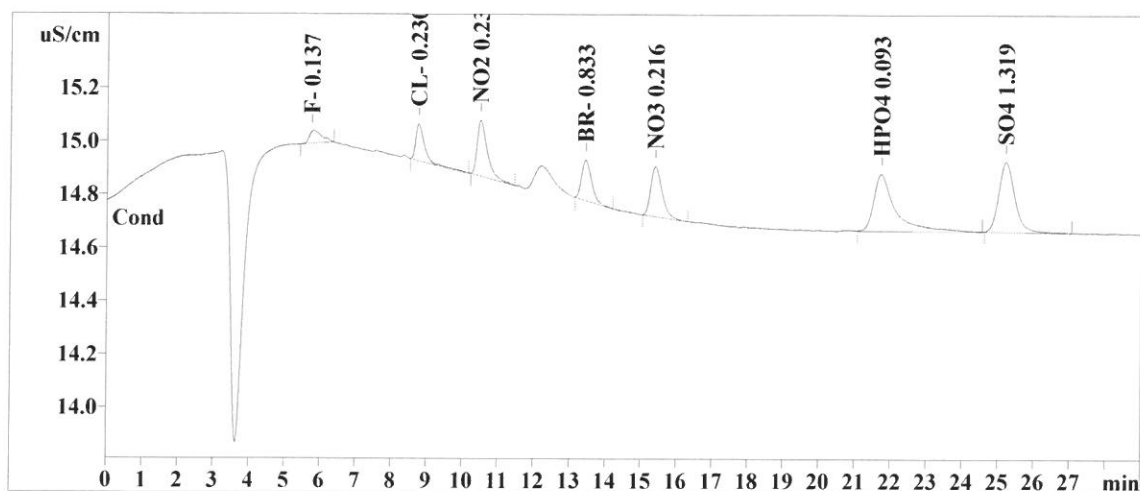
Manual peaks!

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61449

Last save: 3/19/2018 9:52:10 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	5.74	0.369	0.05	3.74	1.141	3.52	0.
2	8.74	0.250	0.14	11.34	2.432	7.51	0.
3	10.49	0.286	0.21	17.25	4.156	12.83	0.
4	13.43	0.301	0.15	12.51	2.981	9.20	0.
5	15.38	0.332	0.19	15.47	4.149	12.81	0.
6	21.72	0.523	0.21	17.63	9.149	28.25	0.
7	25.21	0.468	0.26	21.73	8.376	25.86	0.
7	29.00	0.361	1.21	99.67	32.384	100.00	0.

This report has been created by IC Net
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Report date: 3/19/2018 5:16:31 PM
Printed by: wet

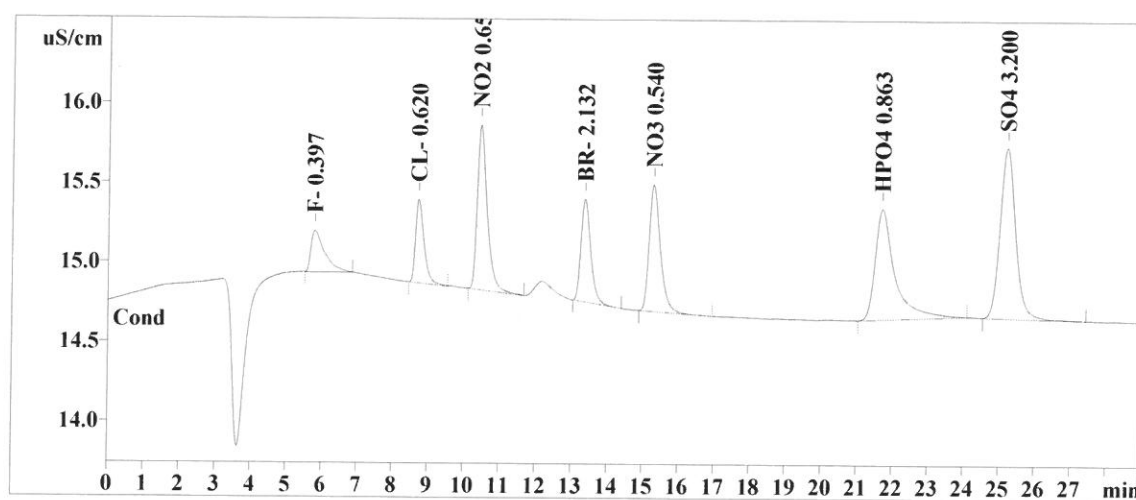
Ident: STD3
Analysis from: 3/19/2018 12:43:34 PM
File: _2018-03-19_

Last save: 3/19/2018 5:16:16 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61450

Last save: 3/19/2018 9:52:10 AM

SAMPLE:
:
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	0.378	0.26	5.15	6.989	5.58	0.
2	8.72	0.248	0.52	10.44	8.718	6.96	0.
3	10.46	0.282	1.03	20.57	19.904	15.88	0.
4	13.36	0.289	0.64	12.83	12.392	9.89	0.
5	15.29	0.326	0.79	15.80	17.438	13.92	0.
6	21.70	0.505	0.70	13.83	27.196	21.70	0.
7	25.21	0.454	1.07	21.29	32.680	26.08	0.
7	29.00	0.355	5.02	99.92	125.316	100.00	0.

This report has been created by IC Net
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Report date: 3/19/2018 5:16:37 PM
Printed by: wet

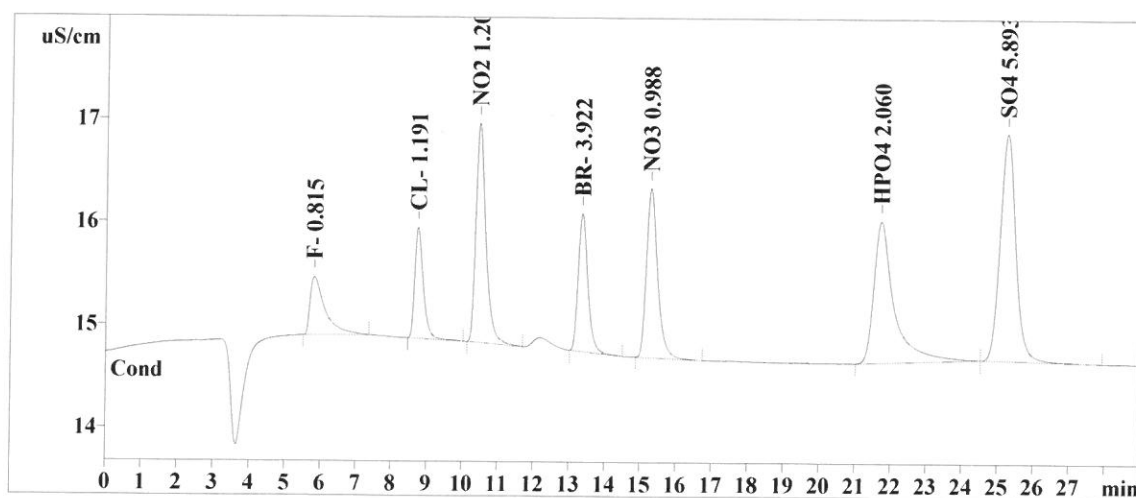
Ident: STD4
Analysis from: 3/19/2018 1:15:28 PM
File: _2018-03-19_

Last save: 3/19/2018 5:16:16 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61451

Last save: 3/19/2018 9:52:10 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	5.81	0.391	0.56	5.44	16.409	6.33	0.
2	8.73	0.246	1.08	10.41	17.939	6.93	0.
3	10.45	0.280	2.13	20.61	40.803	15.75	0.
4	13.35	0.285	1.34	12.96	25.373	9.80	0.
5	15.27	0.323	1.64	15.89	35.765	13.81	0.
6	21.71	0.507	1.38	13.32	55.249	21.33	0.
7	25.25	0.458	2.21	21.34	67.485	26.05	0.
7	29.00	0.356	10.33	99.98	259.022	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/19/2018 5:16:44 PM
Printed by: wet

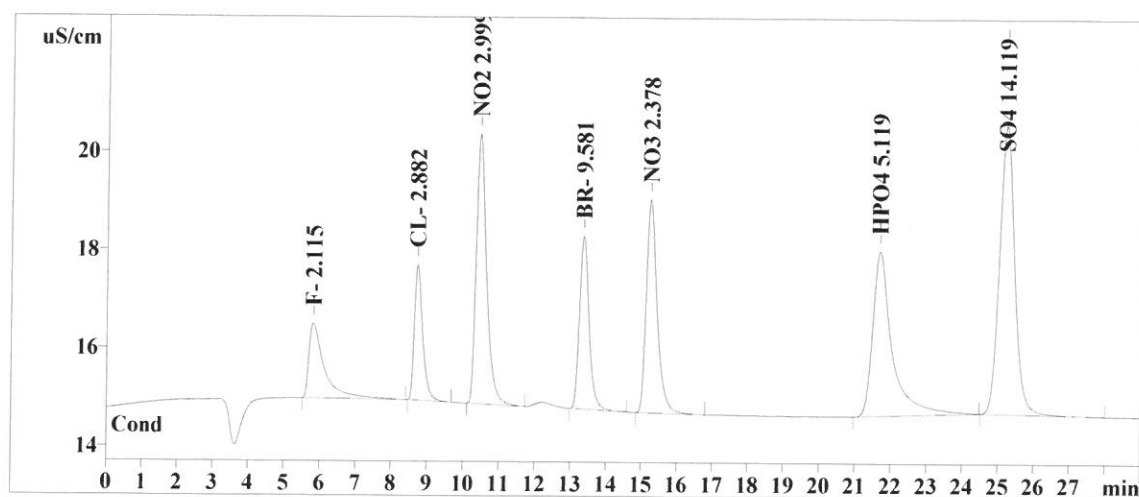
Ident: STD5
Analysis from: 3/19/2018 1:47:22 PM
File: _2018-03-19_

Last save: 3/19/2018 5:16:16 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61452

Last save: 3/19/2018 9:52:10 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	5.81	0.382	1.52	5.65	45.665	6.93	0.
2	8.72	0.244	2.76	10.27	45.218	6.86	0.
3	10.44	0.291	5.49	20.45	108.582	16.47	0.
4	13.35	0.283	3.52	13.12	66.393	10.07	0.
5	15.23	0.315	4.34	16.16	92.663	14.06	0.
6	21.68	0.486	3.35	12.48	126.933	19.25	0.
7	25.21	0.443	5.86	21.86	173.784	26.36	0.
7	29.00	0.349	26.83	99.99	659.239	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/19/2018 5:16:51 PM
Printed by: wet

Ident: STD6
Analysis from: 3/19/2018 2:19:16 PM
File: _2018-03-19_

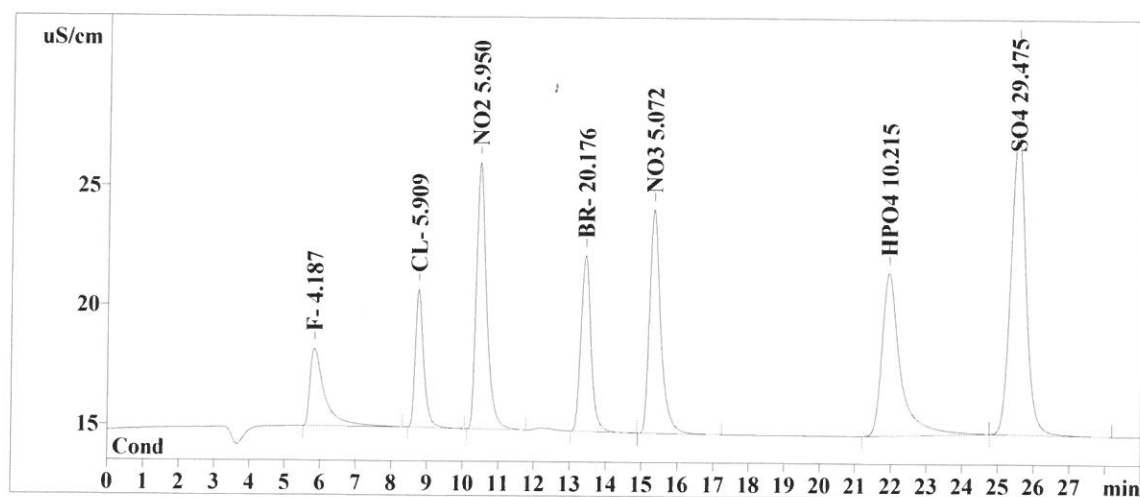
Last save: 3/19/2018 5:16:16 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61453

Last save: 3/19/2018 9:52:10 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	5.83	0.371	3.23	5.74	92.268	6.73	0.
2	8.74	0.241	5.76	10.24	94.056	6.86	0.
3	10.45	0.290	11.13	19.77	220.042	16.05	0.
4	13.42	0.292	7.35	13.06	143.199	10.44	0.
5	15.31	0.316	9.34	16.60	202.969	14.80	0.
6	21.92	0.475	6.80	12.09	246.345	17.97	0.
7	25.51	0.439	12.67	22.50	372.225	27.15	0.
7	29.00	0.346	56.30	100.00	1371.105	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/19/2018 5:16:57 PM
Printed by: wet

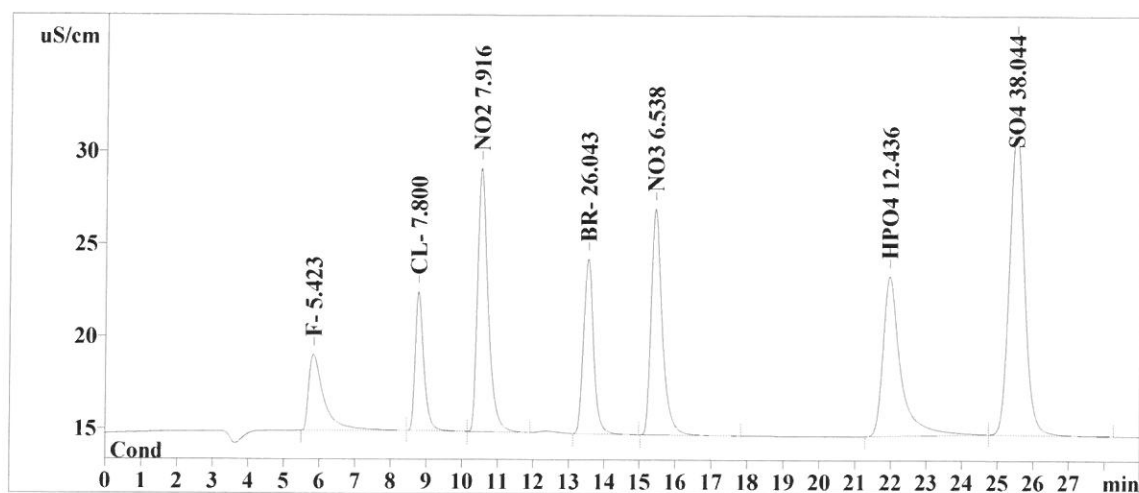
Ident: STD7
Analysis from: 3/19/2018 2:51:11 PM
File: _2018-03-19_

Last save: 3/19/2018 5:16:16 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61454

Last save: 3/19/2018 9:52:10 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	5.83	0.387	4.10	5.65	120.082	6.79	0.
2	8.77	0.245	7.49	10.31	124.582	7.04	0.
3	10.51	0.304	14.24	19.59	294.341	16.64	0.
4	13.53	0.296	9.43	12.98	185.734	10.50	0.
5	15.41	0.314	12.20	16.79	262.984	14.87	0.
6	21.95	0.457	8.63	11.87	298.393	16.87	0.
7	25.49	0.436	16.58	22.81	482.955	27.30	0.
7	29.00	0.349	72.68	99.99	1769.070	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/19/2018 6:46:42 PM
Printed by: wet

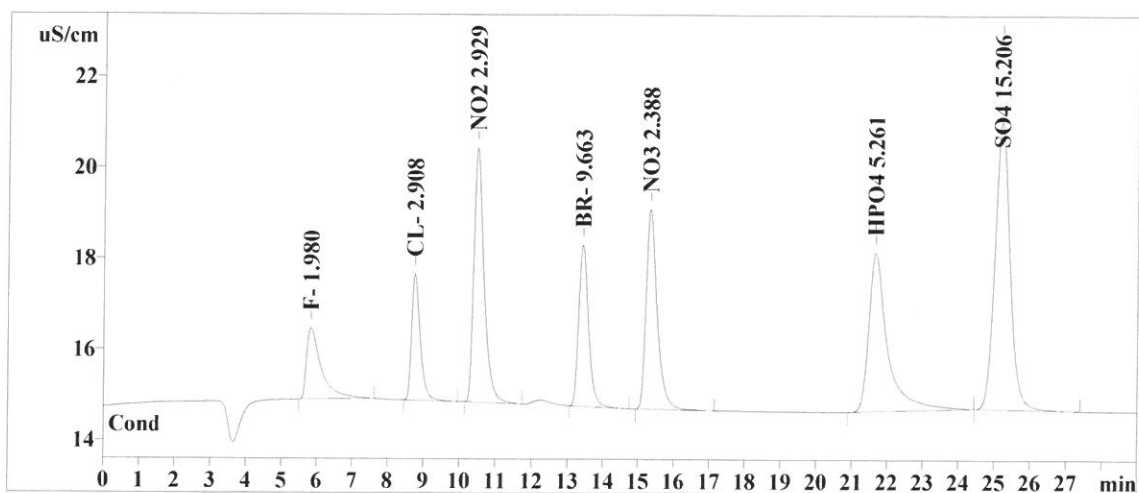
Ident: ICV
Analysis from: 3/19/2018 4:27:28 PM
File: _2018-03-19_

Last save: 3/19/2018 6:46:38 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61457

Last save: 3/19/2018 9:52:10 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	5.83	0.389	1.56	5.64	45.402	6.66	0.
2	8.75	0.246	2.78	10.02	46.071	6.76	0.
3	10.48	0.285	5.60	20.21	108.955	15.98	0.
4	13.42	0.288	3.56	12.84	68.309	10.02	0.
5	15.32	0.319	4.39	15.85	95.307	13.98	0.
6	21.66	0.482	3.49	12.60	130.436	19.13	0.
7	25.19	0.443	6.33	22.84	187.404	27.48	0.
7	29.00	0.350	27.70	100.00	681.883	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/19/2018 6:46:49 PM
Printed by: wet

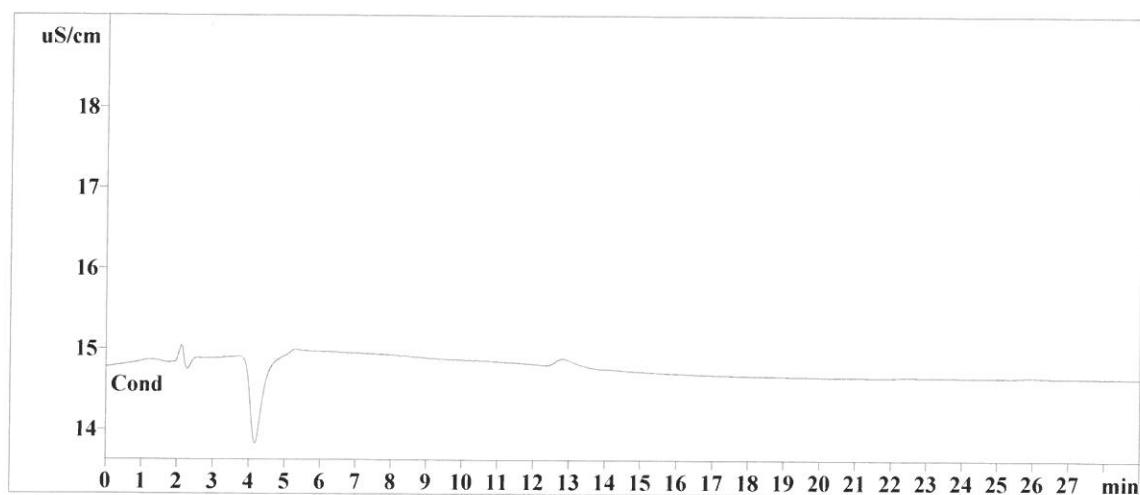
Ident: ICB
Analysis from: 3/19/2018 5:23:20 PM
File: _2018-03-19_

Last save: 3/19/2018 6:46:38 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61459

Last save: 3/19/2018 9:52:10 AM

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 4/11/2018 12:38:31 PM
Printed by: wet

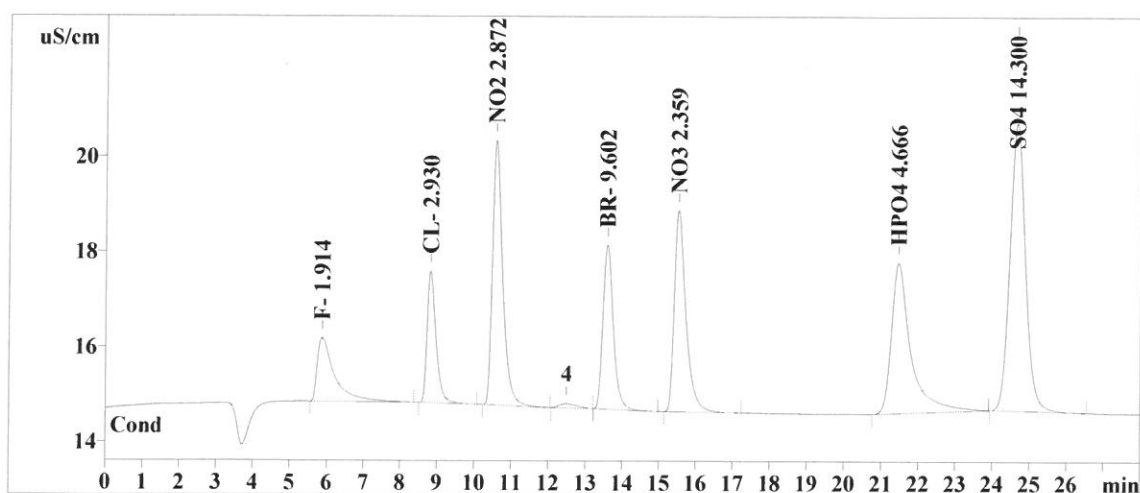
Ident: CCV
Analysis from: 3/30/2018 9:07:31 AM
File: _2018-03-30_

Last save: 3/30/2018 9:35:20 AM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61645

Last save: 3/28/2018 6:04:32 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	5.87	0.422	1.34	5.03	43.808	6.70	0.
2	8.81	0.248	2.77	10.39	46.445	7.10	0.
3	10.58	0.283	5.56	20.85	106.731	16.32	0.
4	13.58	0.294	3.45	12.94	67.852	10.38	0.
5	15.52	0.325	4.24	15.90	94.080	14.39	0.
6	21.45	0.480	3.16	11.86	116.296	17.78	0.
7	24.65	0.437	6.04	22.68	175.734	26.87	0.
7	28.00	0.356	26.55	99.65	650.946	99.54	0.

This report has been created by IC Net
METROHM LTD

Report date: 4/11/2018 12:38:39 PM
Printed by: wet

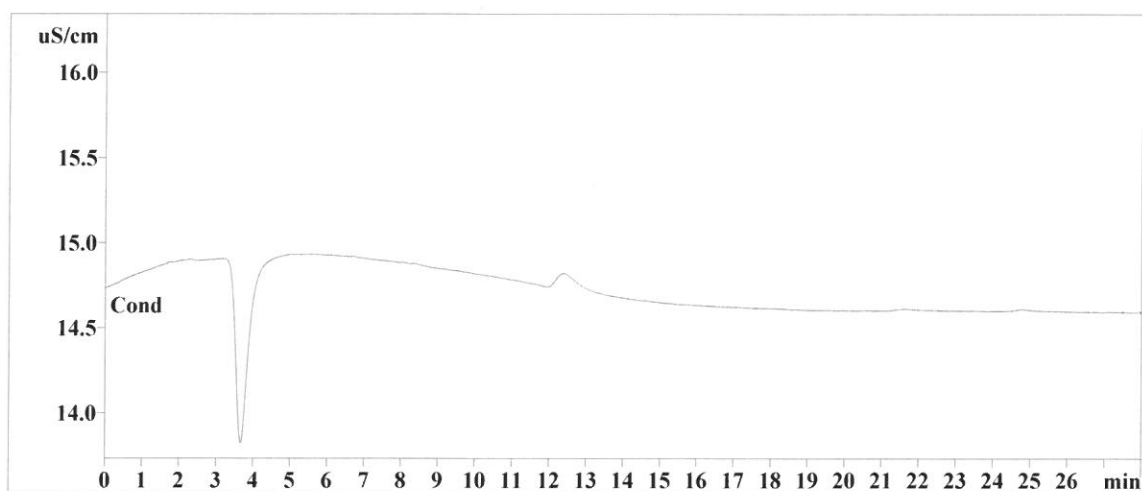
Ident: CCB
Analysis from: 3/30/2018 9:39:48 AM
File: _2018-03-30_

Last save: 3/30/2018 10:40:42 AM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61646

Last save: 3/28/2018 6:04:32 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: 4/11/2018 12:38:46 PM
Printed by: wet

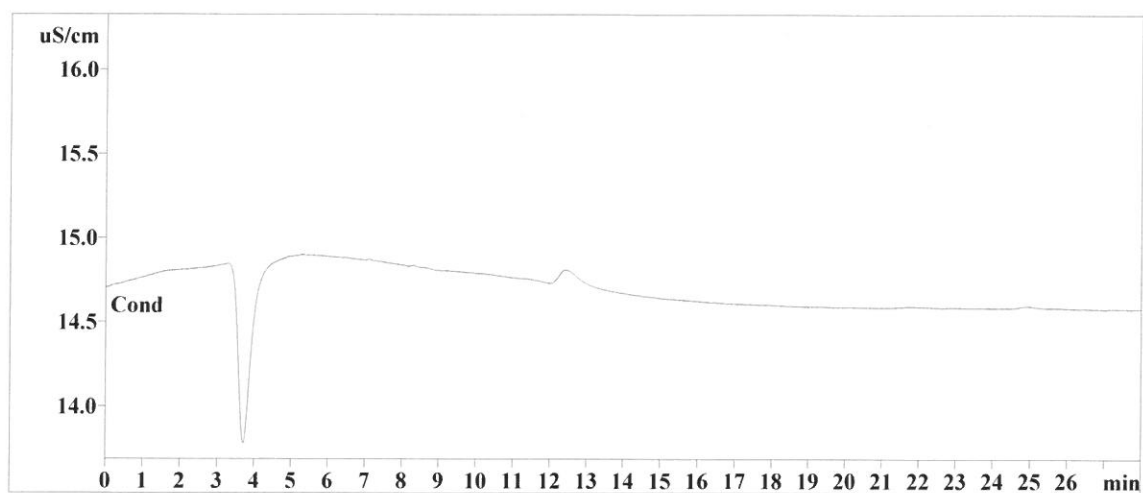
Ident: LB94529BLW
Analysis from: 3/30/2018 10:10:42 AM
File: _2018-03-30_

Last save: 4/11/2018 12:38:26 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61647

Last save: 3/28/2018 6:04:32 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: 4/11/2018 12:39:01 PM
Printed by: wet

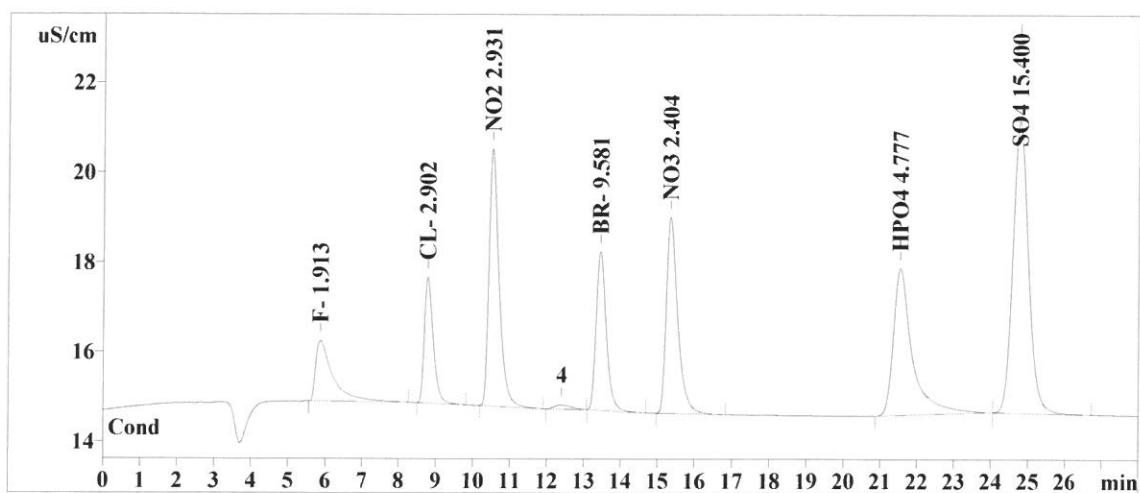
Ident: LB94529BSW
Analysis from: 3/30/2018 11:19:29 AM
File: _2018-03-30_

Last save: 4/11/2018 12:38:26 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61649

Last save: 3/28/2018 6:04:32 PM

SAMPLE:
: AK/AP
Vial number: 28
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.86	0.419	1.35	4.88	43.770	6.49	0.
2	8.77	0.244	2.80	10.13	45.981	6.82	0.
3	10.52	0.280	5.73	20.72	109.020	16.17	0.
4	13.44	0.287	3.53	12.78	67.692	10.04	0.
5	15.34	0.323	4.37	15.80	95.957	14.23	0.
6	21.53	0.474	3.27	11.82	118.952	17.64	0.
7	24.77	0.439	6.50	23.51	189.905	28.16	0.
7	28.00	0.352	27.55	99.65	671.276	99.56	0.

This report has been created by IC Net
METROHM LTD

Report date: 4/11/2018 12:39:11 PM
Printed by: wet

Ident: J2133-07 0.25PPM
Analysis from: 3/30/2018 12:59:16 PM
File: _2018-03-30_

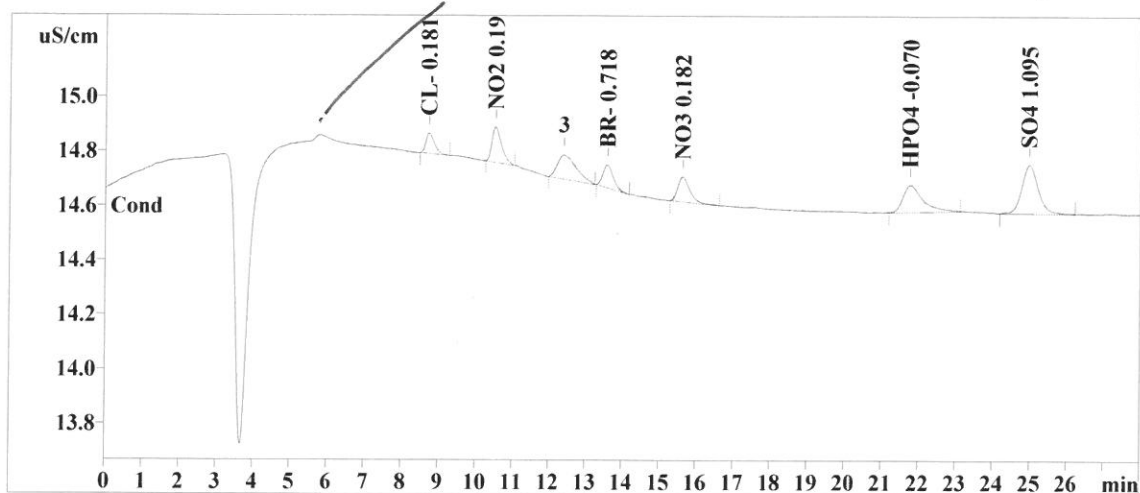
Last save: 3/30/2018 1:27:06 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61651

Last save: 3/28/2018 6:04:32 PM

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

Before F peak near
not integrated by software
AK 4-11-18 AK



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	0.250	0.07	9.91	1.225	6.12	0.
3	10.51	0.284	0.13	17.30	2.417	12.08	0.
4	13.58	0.306	0.08	11.18	1.678	8.38	0.
5	15.63	0.347	0.09	12.17	2.118	10.58	0.
6	21.78	0.525	0.10	13.29	3.776	18.87	0.
7	24.97	0.458	0.18	23.83	5.591	27.94	0.
7	28.00	0.310	0.66	87.67	16.806	83.98	0.

This report has been created by IC Net
METROHM LTD

Report date: 4/11/2018 12:39:23 PM
Printed by: wet

Ident: J2133-07 0.25PPM
Analysis from: 3/30/2018 12:59:16 PM
File: 2018-03-30_
Modified! Manual peaks!
Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61651

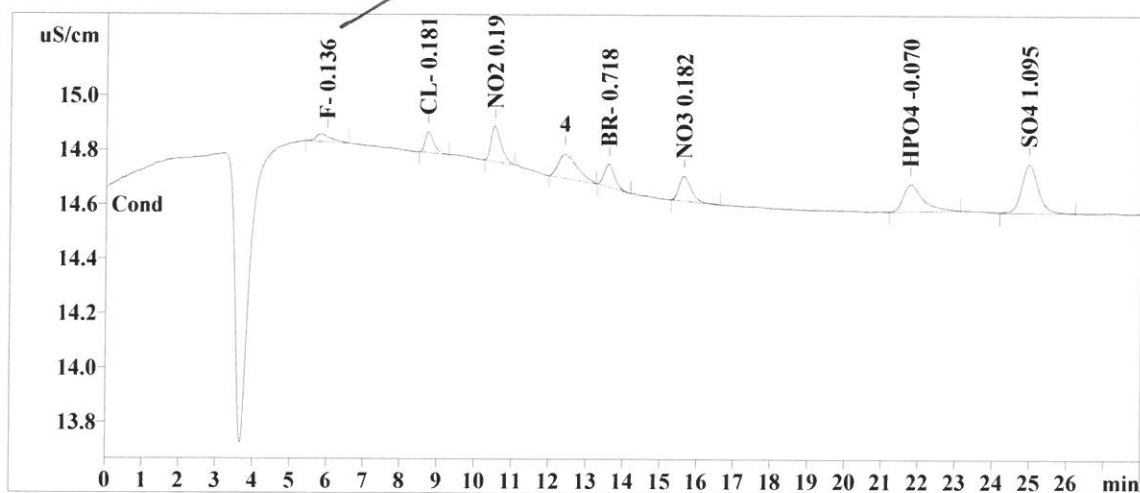
Last save: 3/30/2018 1:27:06 PM

Last save: 3/28/2018 6:04:32 PM

SAMPLE:

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

After AK 4-11-18 AK



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.98	0.555	0.02	2.55	0.819	3.93	0.
2	8.72	0.250	0.07	9.66	1.225	5.88	0.
3	10.51	0.284	0.13	16.85	2.417	11.60	0.
4	13.58	0.306	0.08	10.89	1.678	8.05	0.
5	15.63	0.347	0.09	11.86	2.118	10.17	0.
6	21.78	0.525	0.10	12.95	3.776	18.13	0.
7	24.97	0.458	0.18	23.22	5.591	26.84	0.
7	28.00	0.389	0.68	87.98	17.625	84.61	0.

This report has been created by IC Net
METROHM LTD

Report date: 4/11/2018 12:40:47 PM
Printed by: wet

Ident: J2133-09 0.25PPM
Analysis from: 3/30/2018 1:30:11 PM
File: _2018-03-30_

Last save: 4/11/2018 12:40:48 PM

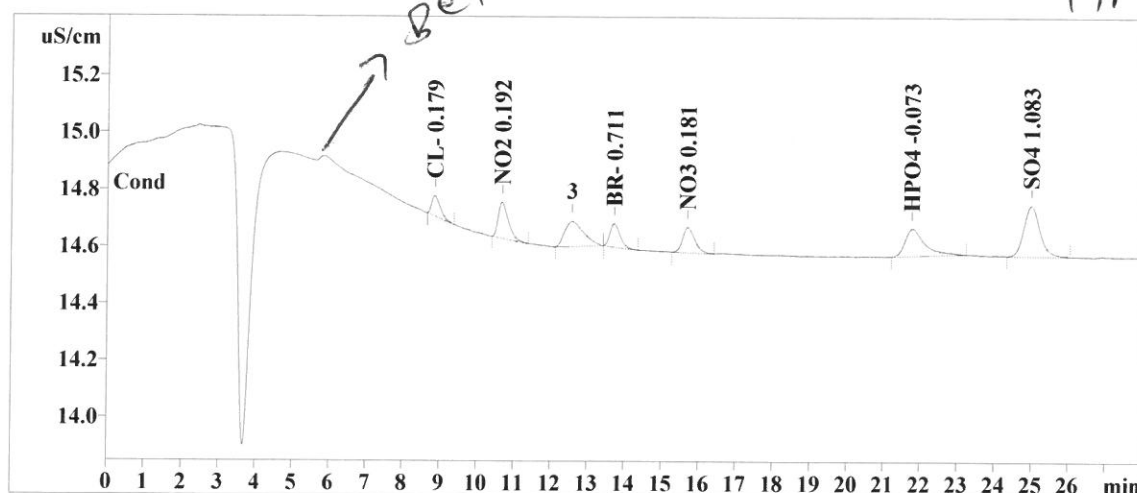
Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61652

Last save: 3/28/2018 6:04:32 PM

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

Before F peak needs not integrated by software.

AL 4-19-18 AL



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	8.86	0.253	0.07	9.76	1.180	6.03	0.
3	10.67	0.285	0.13	17.25	2.402	12.26	0.
4	13.71	0.301	0.08	11.16	1.621	8.27	0.
5	15.70	0.347	0.09	12.13	2.062	10.52	0.
6	21.77	0.526	0.10	13.09	3.700	18.88	0.
7	24.98	0.458	0.18	24.06	5.443	27.78	0.
7	28.00	0.310	0.65	87.45	16.407	83.75	0.

This report has been created by IC Net
METROHM LTD

Report date: 4/11/2018 12:40:55 PM
Printed by: wet

Ident: J2133-09 0.25PPM
Analysis from: 3/30/2018 1:30:11 PM
File: 2018-03-30_
Modified! Manual peaks!
Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61652

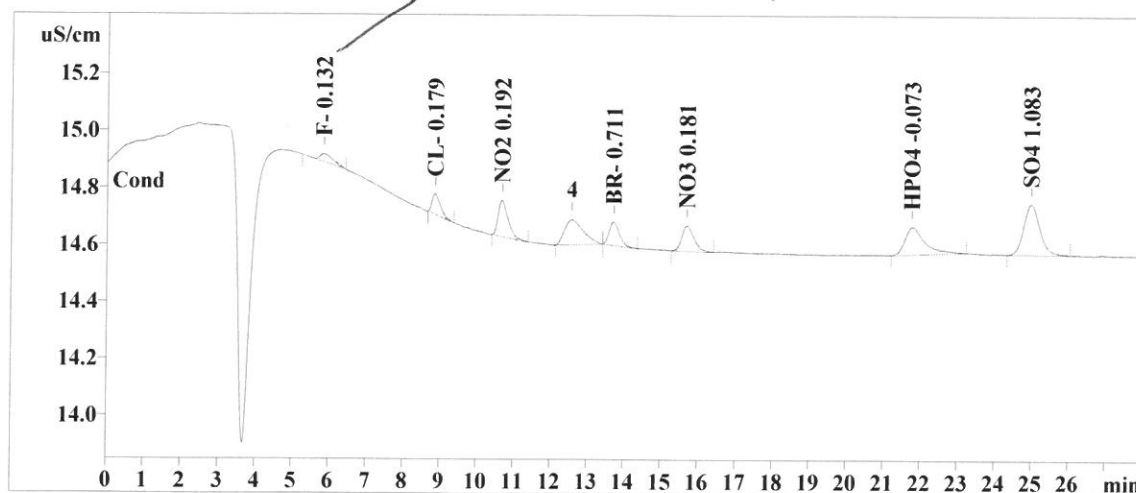
Last save: 4/11/2018 12:40:48 PM

Last save: 3/28/2018 6:04:32 PM

SAMPLE:

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

AP-free
AK 4-11-18 AK



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.87	0.415	0.03	3.62	0.717	3.53	0.
2	8.86	0.253	0.07	9.40	1.180	5.81	0.
3	10.67	0.285	0.13	16.63	2.402	11.83	0.
4	13.71	0.301	0.08	10.76	1.621	7.98	0.
5	15.70	0.347	0.09	11.69	2.062	10.15	0.
6	21.77	0.526	0.10	12.62	3.700	18.22	0.
7	24.98	0.458	0.18	23.20	5.443	26.80	0.
7	28.00	0.370	0.67	87.92	17.124	84.32	0.

This report has been created by IC Net
METROHM LTD

Report date: 4/11/2018 12:41:06 PM
Printed by: wet

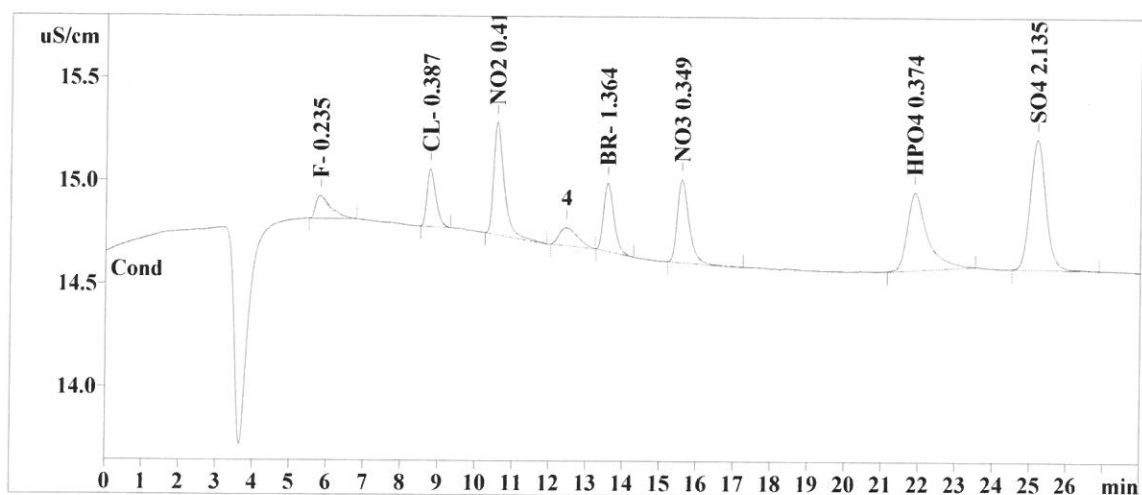
Ident: J2133-08
Analysis from: 3/30/2018 2:32:06 PM
File: _2018-03-30_

Last save: 3/30/2018 2:59:54 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61654

Last save: 3/28/2018 6:04:32 PM

SAMPLE:
: AK/AP
Vial number: 24
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.80	0.416	0.11	3.96	3.201	4.52	0.
2	8.76	0.252	0.28	10.07	4.609	6.51	0.
3	10.56	0.288	0.55	19.72	10.967	15.49	0.
4	13.57	0.300	0.33	11.92	6.488	9.16	0.
5	15.58	0.337	0.40	14.57	9.177	12.96	0.
6	21.88	0.518	0.38	13.61	14.319	20.22	0.
7	25.19	0.452	0.63	22.85	18.988	26.81	0.
7	28.00	0.366	2.67	96.70	67.748	95.66	0.

This report has been created by IC Net
METROHM LTD

Report date: 4/11/2018 12:42:53 PM
Printed by: wet

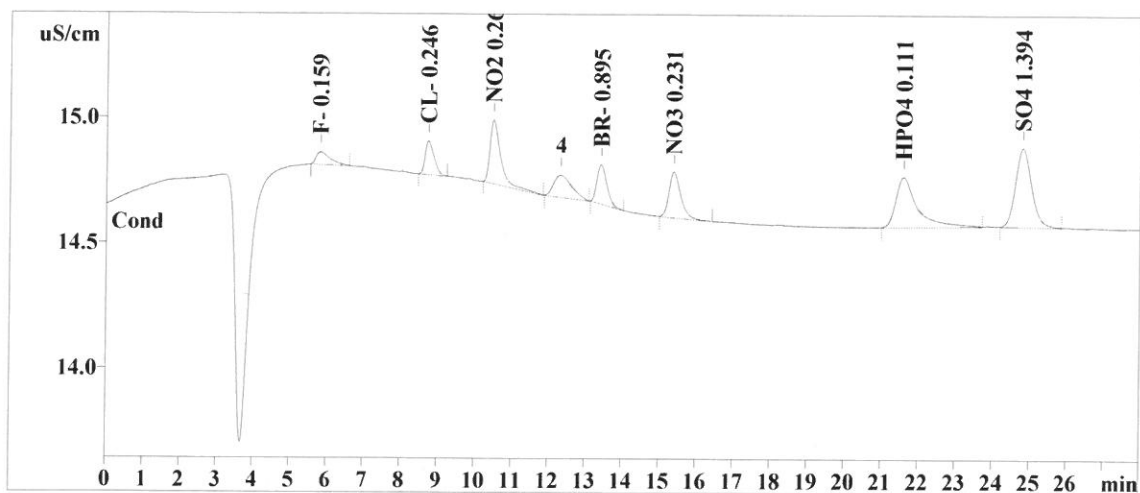
Ident: J2133-07
Analysis from: 3/30/2018 4:04:50 PM
File: _2018-03-30_

Last save: 4/11/2018 12:42:42 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61657

Last save: 3/28/2018 6:04:32 PM

SAMPLE:
: AK/AP
Vial number: 25
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.82	0.415	0.05	3.61	1.365	3.73	0.
2	8.73	0.264	0.14	9.76	2.290	6.26	0.
3	10.49	0.283	0.25	18.25	5.163	14.11	0.
4	13.41	0.292	0.16	11.36	2.997	8.19	0.
5	15.38	0.338	0.18	13.22	4.186	11.45	0.
6	21.59	0.518	0.20	14.35	8.074	22.07	0.
7	24.80	0.455	0.31	22.69	9.445	25.82	0.
7	28.00	0.366	1.29	93.25	33.521	91.64	0.

This report has been created by IC Net
METROHM LTD

Report date: 4/11/2018 12:43:04 PM
Printed by: wet

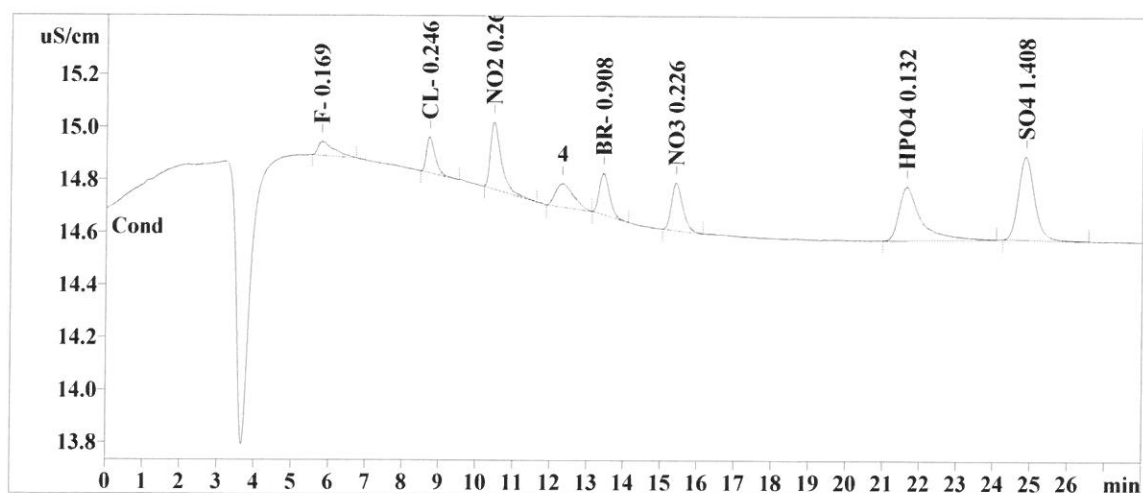
Ident: J2133-09
Analysis from: 3/30/2018 4:35:45 PM
File: _2018-03-30_

Last save: 4/11/2018 12:42:42 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61658

Last save: 3/28/2018 6:04:32 PM

SAMPLE:
: AK/AP
Vial number: 26
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.79	0.463	0.05	3.75	1.609	4.30	0.
2	8.71	0.252	0.14	9.72	2.295	6.13	0.
3	10.47	0.289	0.26	18.23	5.182	13.84	0.
4	13.43	0.299	0.16	11.31	3.090	8.25	0.
5	15.40	0.332	0.18	12.97	3.968	10.60	0.
6	21.64	0.532	0.20	14.60	8.568	22.88	0.
7	24.86	0.453	0.32	22.65	9.631	25.72	0.
7	28.00	0.374	1.30	93.23	34.343	91.70	0.

This report has been created by IC Net
METROHM LTD

Report date: 4/11/2018 12:43:13 PM
 Printed by: wet

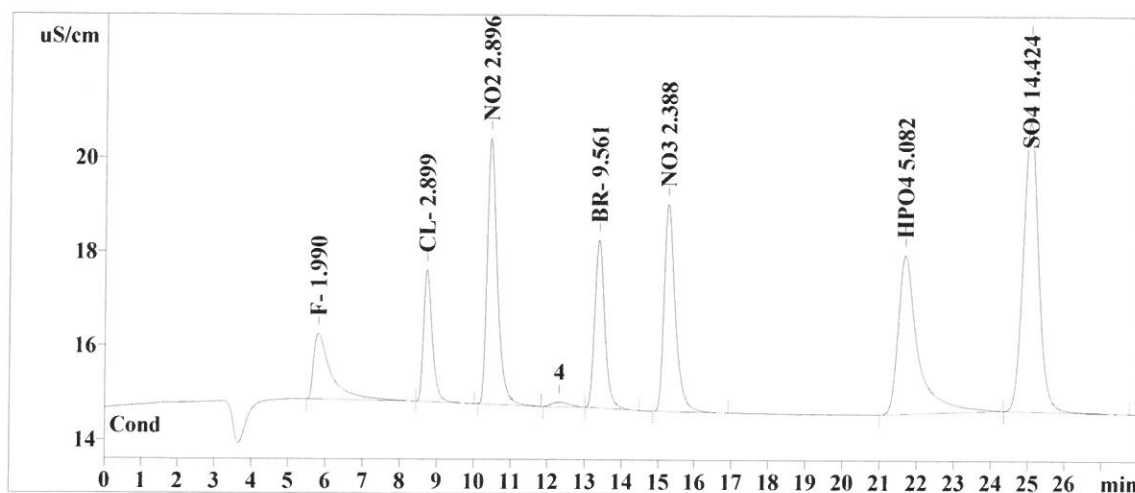
Ident: CCV
 Analysis from: 3/30/2018 5:06:39 PM
 File: _2018-03-30_

Last save: 3/30/2018 5:34:28 PM

Method: ANIONS 03-19-18.mtw
 Run operator: wet
 Analysis number: 61659

Last save: 3/28/2018 6:04:32 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	5.80	0.414	1.39	5.08	45.630	6.82	0.
2	8.71	0.244	2.80	10.21	45.929	6.87	0.
3	10.44	0.280	5.65	20.60	107.653	16.10	0.
4	13.37	0.284	3.56	13.00	67.543	10.10	0.
5	15.25	0.318	4.40	16.05	95.300	14.25	0.
6	21.67	0.479	3.37	12.30	126.189	18.87	0.
7	25.04	0.434	6.13	22.38	177.336	26.51	0.
7	28.00	0.350	27.31	99.64	665.580	99.51	0.

This report has been created by IC Net
 METROHM LTD

Report date: 4/11/2018 12:43:25 PM
Printed by: wet

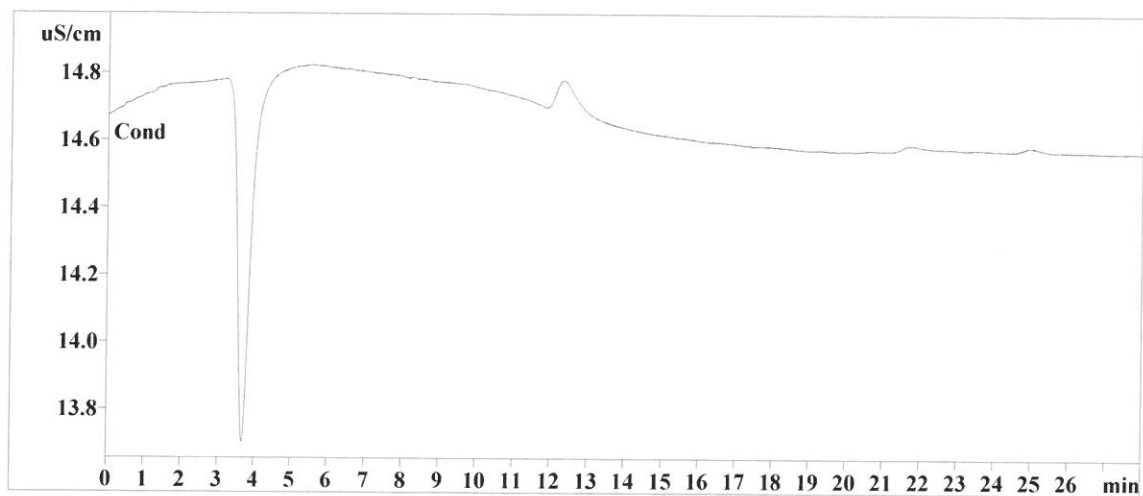
Ident: CCB
Analysis from: 3/30/2018 5:37:34 PM
File: _2018-03-30_

Last save: 4/11/2018 12:43:26 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61660

Last save: 3/28/2018 6:04:32 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
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