

Clear table

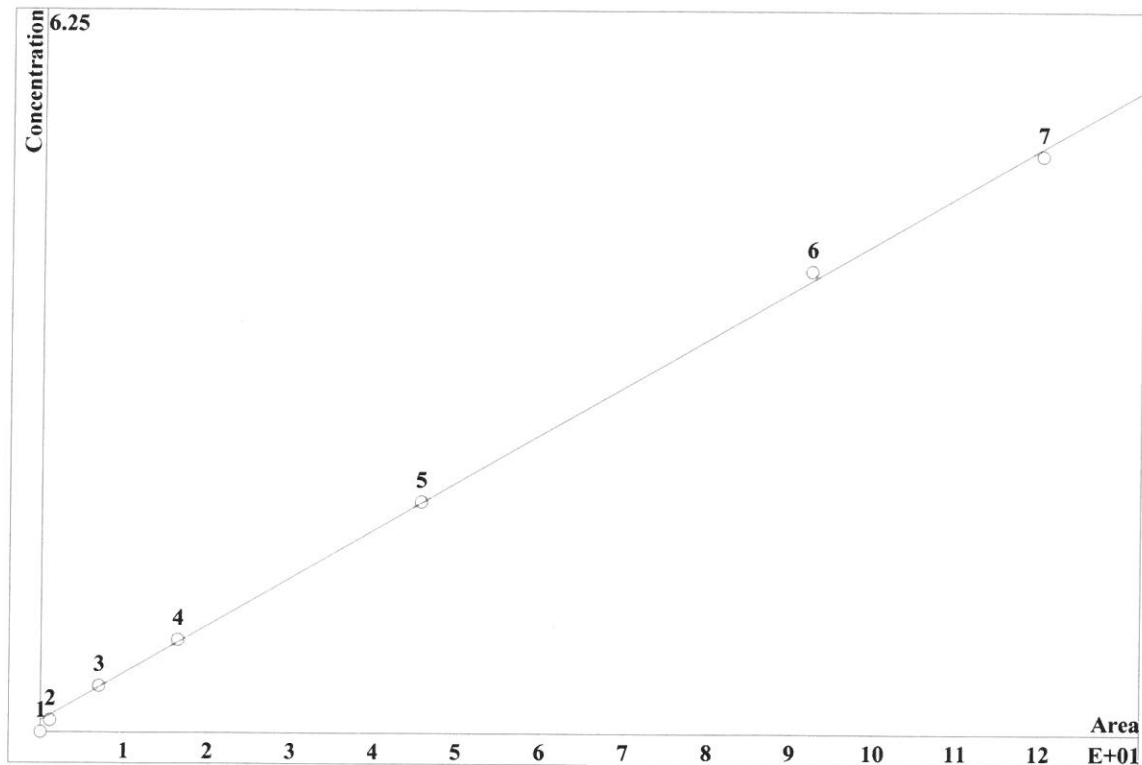
ident	concentrati on F-	concentrati on CL-	concentrati on NO2	concentrati on BR-	concentrati on NO3	concentrati on HPO4	concentrati on SO4	file name	date time
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-03-19_	3/19/18 11:39
STD2	0.1500	0.2550	0.2370	0.8930	0.2300	0.1560	1.3110	_2018-03-19_	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	1.9550	2.8790	2.8430	9.4370	2.3600	4.6790	14.5690	_2018-03-29_	3/29/18 8:24
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-03-29_	3/29/18 8:55
LB94264BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-03-29_	3/29/18 9:25
LB94264BSW	1.8250	2.8130	2.8260	9.4180	2.3140	4.9190	14.7370	_2018-03-29_	3/29/18 9:56
J2136-01	0.0000	155.2840	0.0000	0.7020	4.2240	0.0000	22.3510	_2018-03-29_	3/29/18 13:03
J2136-02	0.0000	12.0810	0.0000	0.0000	3.2230	0.0000	17.6140	_2018-03-29_	3/29/18 13:34
J2136-03	0.0000	861.5100	0.0000	0.8490	0.0000	0.0000	39.1090	_2018-03-29_	3/29/18 14:05
J2136-03DUP	0.0000	866.1540	0.0000	0.8370	0.0000	0.0000	38.4760	_2018-03-29_	3/29/18 14:36
J2136-03MS	2.6980	778.5210	1.9550	10.3260	2.4620	7.1000	51.0400	_2018-03-29_	3/29/18 15:07
J2136-01DLX20	0.0000	5.6150	0.0000	0.0000	0.2960	0.0000	1.5510	_2018-03-29_	3/29/18 15:38
J2136-03DLX2	0.0000	427.7190	0.0000	0.0000	0.0000	0.0000	17.9800	_2018-03-29_	3/29/18 16:39
CCV	1.8830	2.8780	2.8510	9.4390	2.3400	4.9350	14.3120	_2018-03-29_	3/29/18 17:10
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-03-29_	3/29/18 17:41
J2136-02DLX2	0.0000	6.1630	0.0000	0.0000	1.6800	0.0000	9.0860	_2018-03-29_	3/29/18 18:12
J2136-03DLX100	0.0000	5.8290	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-03-29_	3/29/18 18:43
CCV	1.8930	2.8750	2.8670	9.5490	2.3740	4.9410	14.4900	_2018-03-29_	3/29/18 19:14
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-03-29_	3/29/18 19:45

IC-1 y-3-12
AK
3000

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

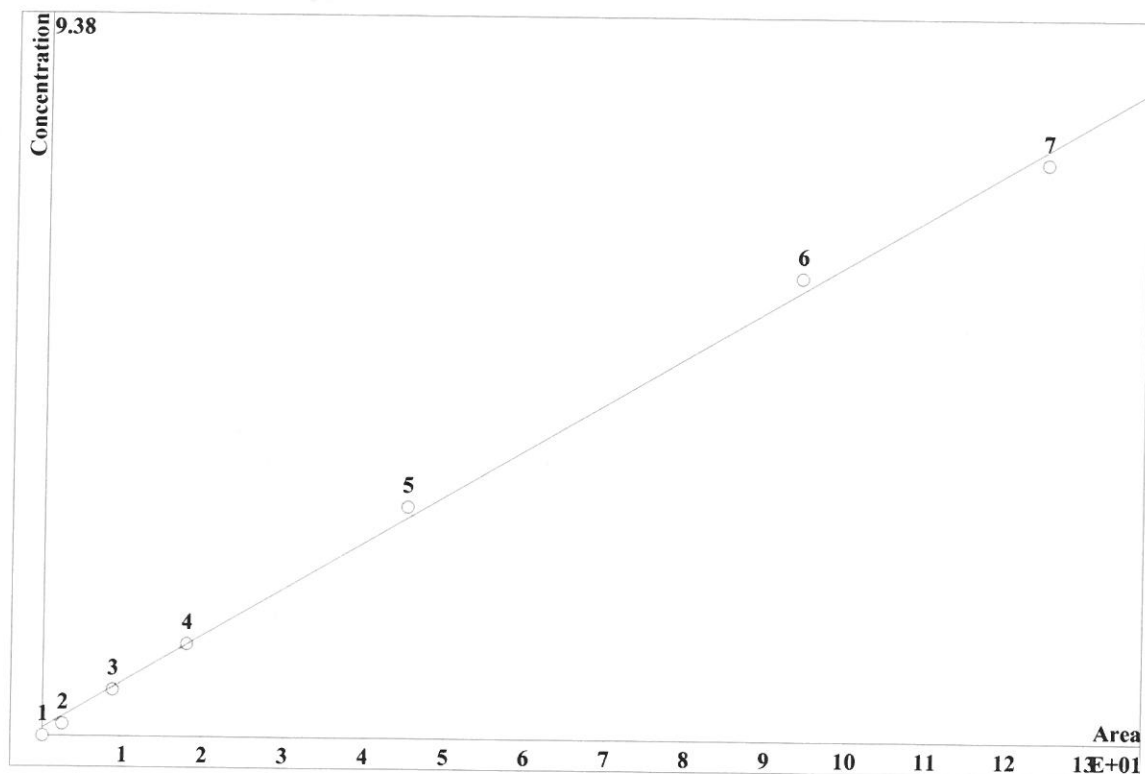
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
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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



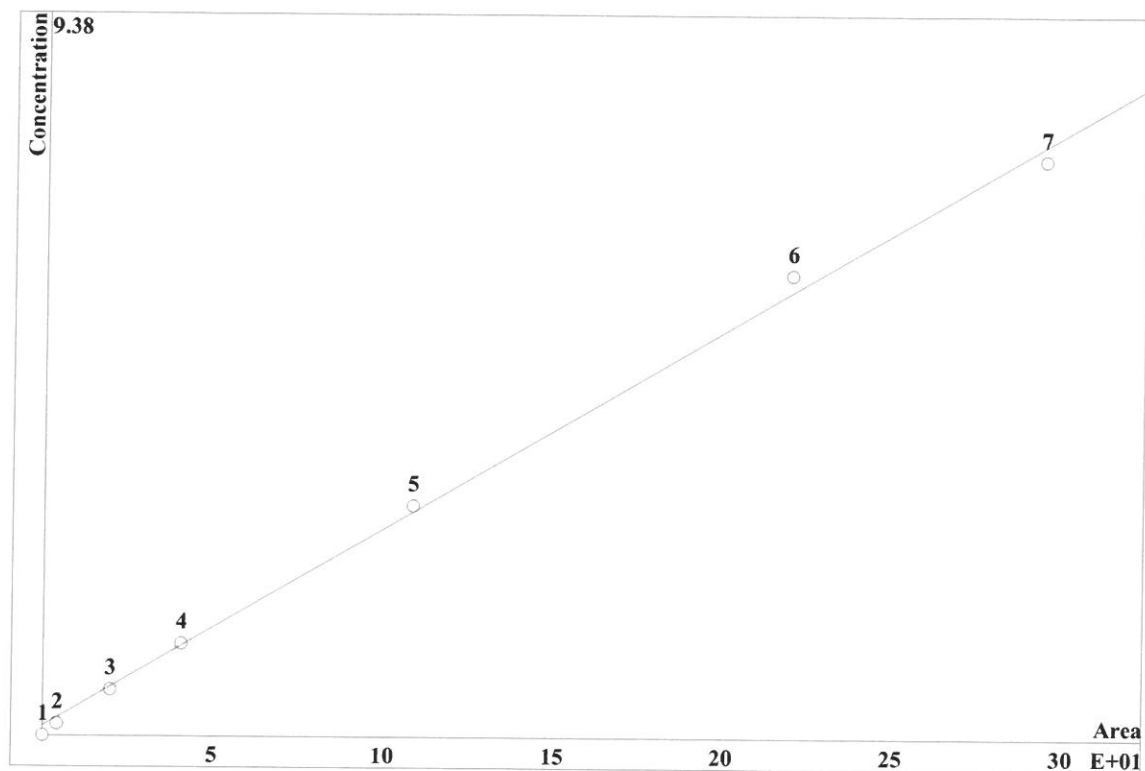
K3 = 0 K2 = 0 K1 = 1.21583 K0 = 2.13837

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



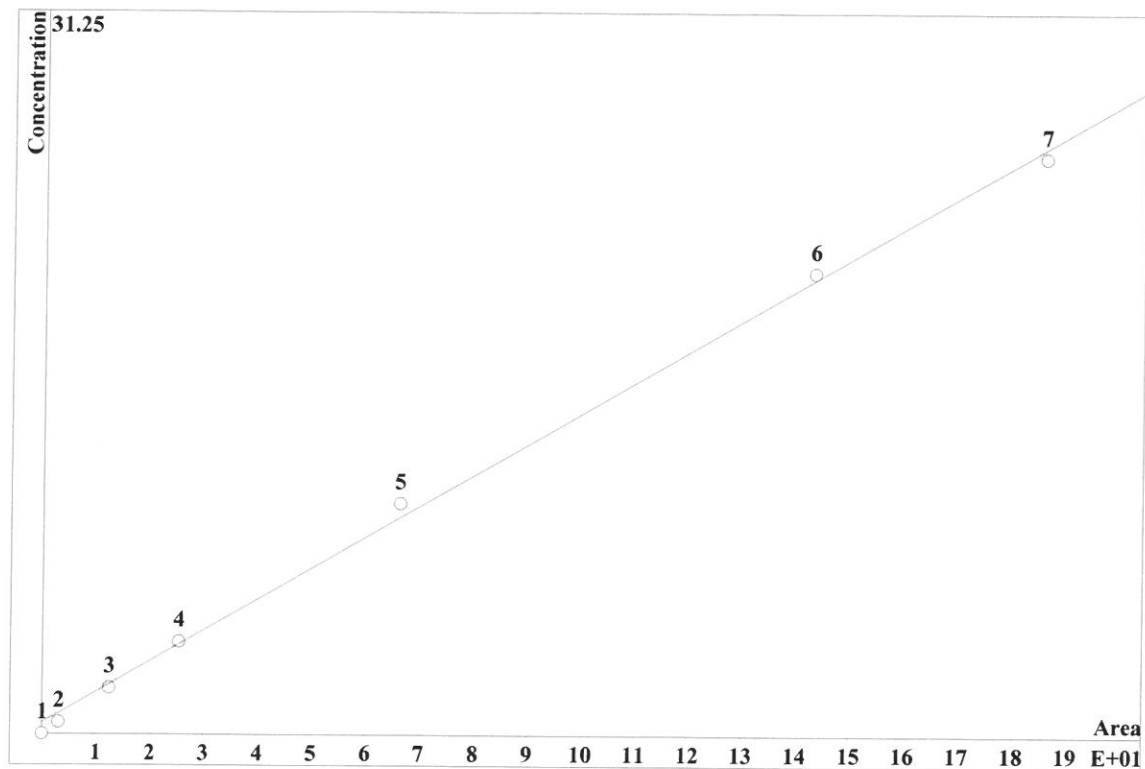
K3 = 0 K2 = 0 K1 = 0.51376 K0 = 2.60348

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:

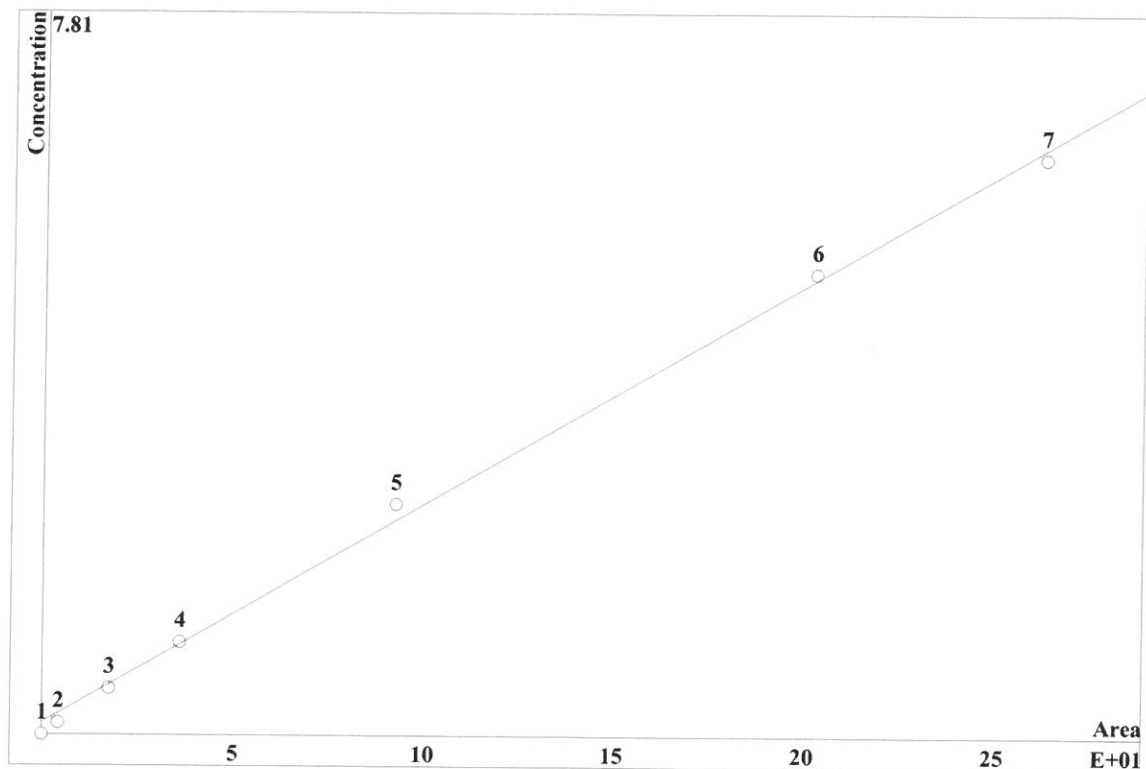
Formula: Linear

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



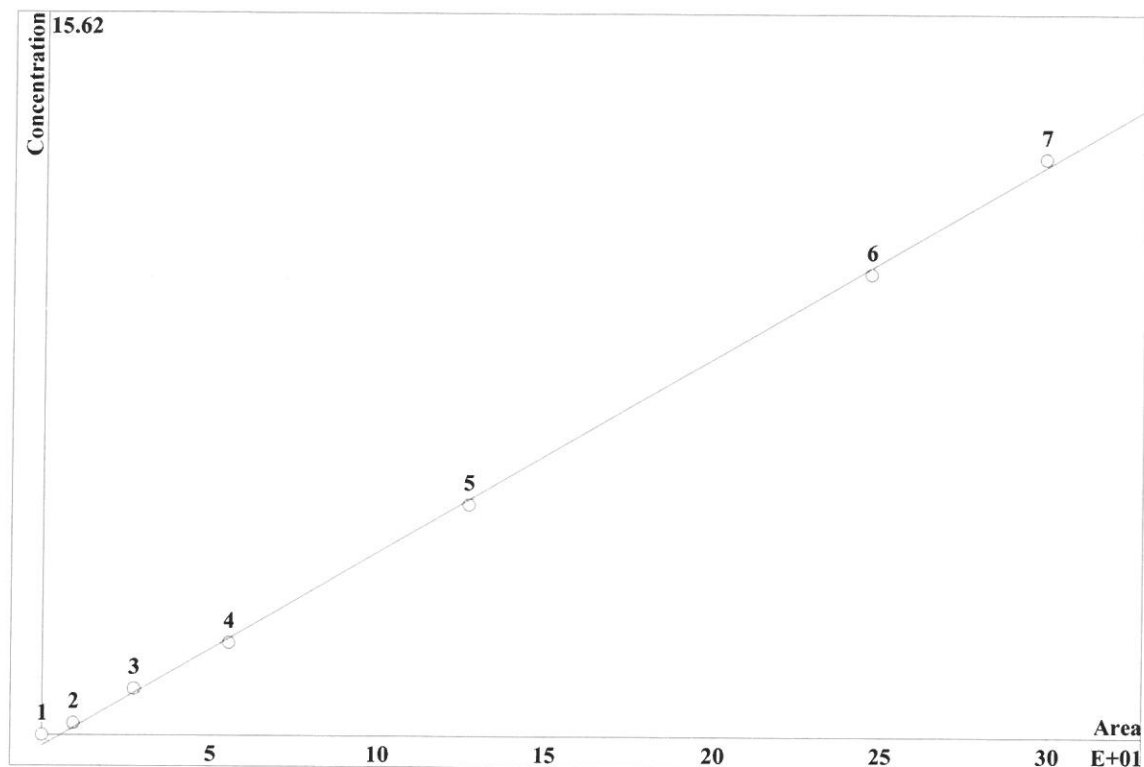
K3 = 0 K2 = 0 K1 = 0.473492 K0 = 2.64071

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



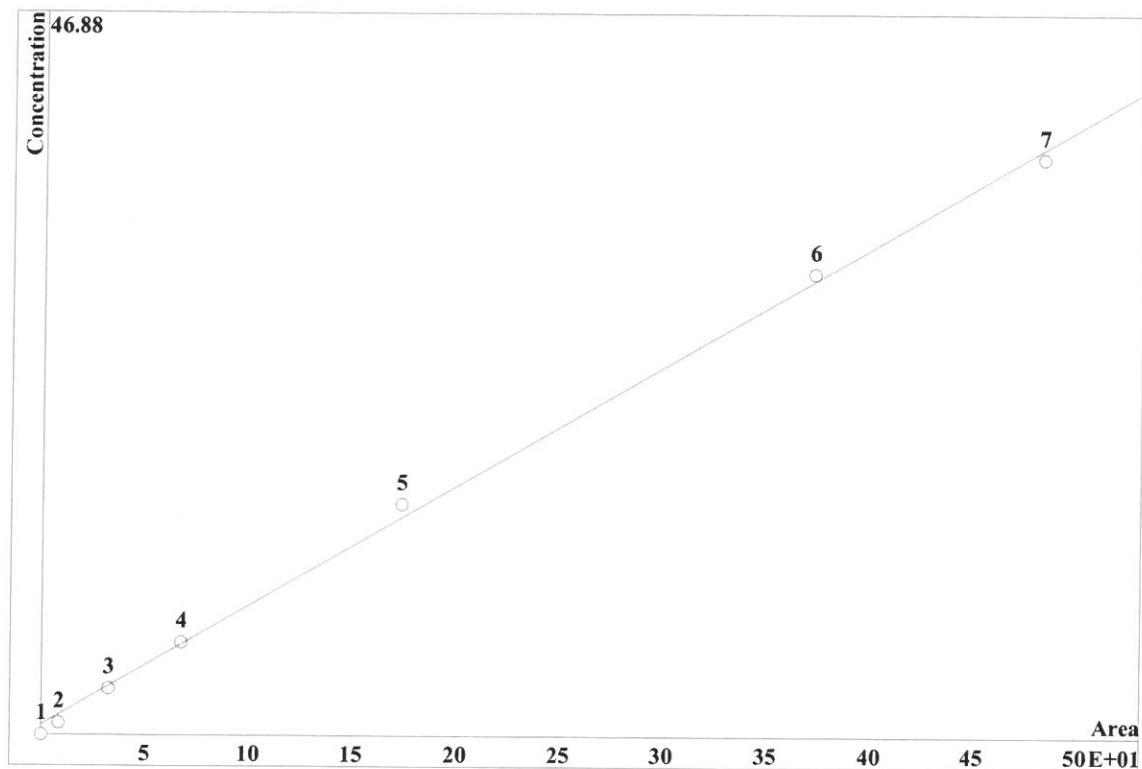
K3 = 0 K2 = 0 K1 = 0.841758 K0 = -4.5807

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

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0	No	
2	0.2149	9.149	0.25	20	22.72	Yes	
3	0.6954	27.2	1	20	22.72	Yes	
4	1.377	55.25	2	20	22.72	Yes	
5	3.348	126.9	5	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			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

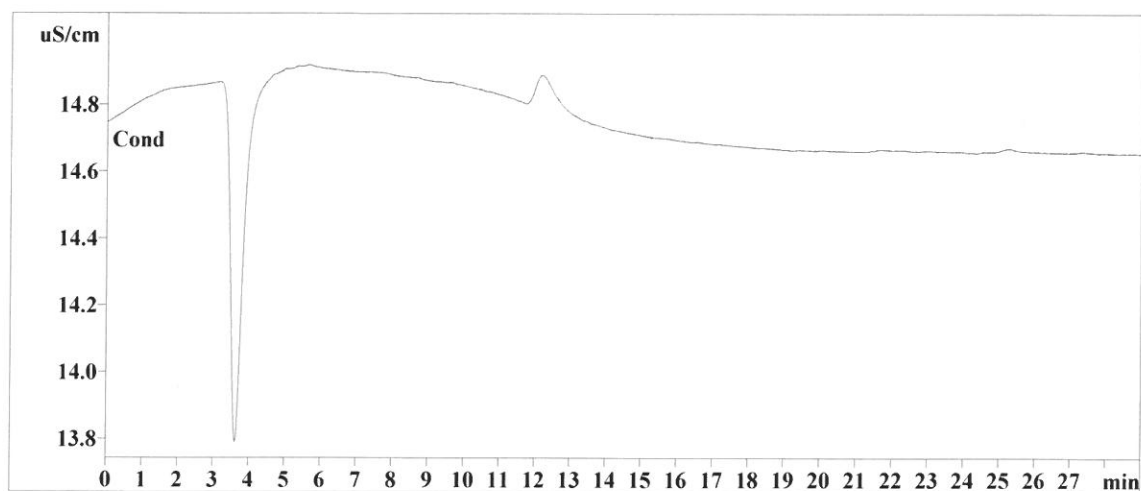
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File: _2018-03-19_

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

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

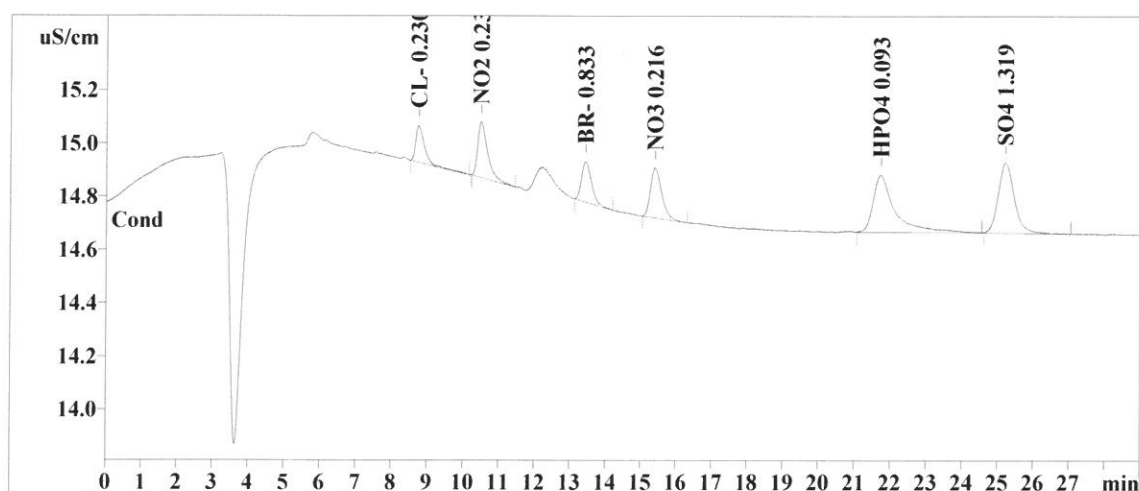
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Analysis from: 3/19/2018 12:11:40 PM
File: _2018-03-19_

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.

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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

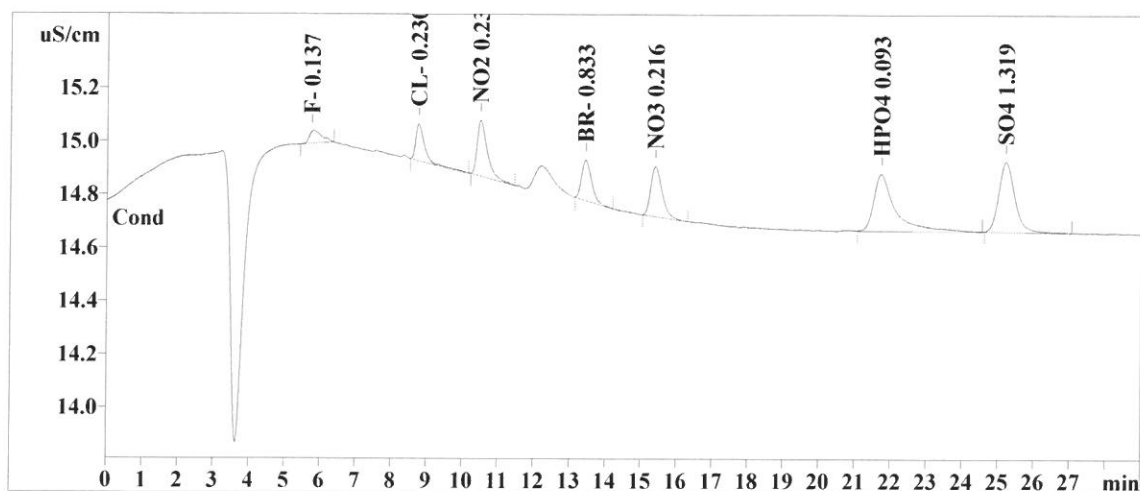
Manual peaks!

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.

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Report date: 3/19/2018 5:16:31 PM
Printed by: wet

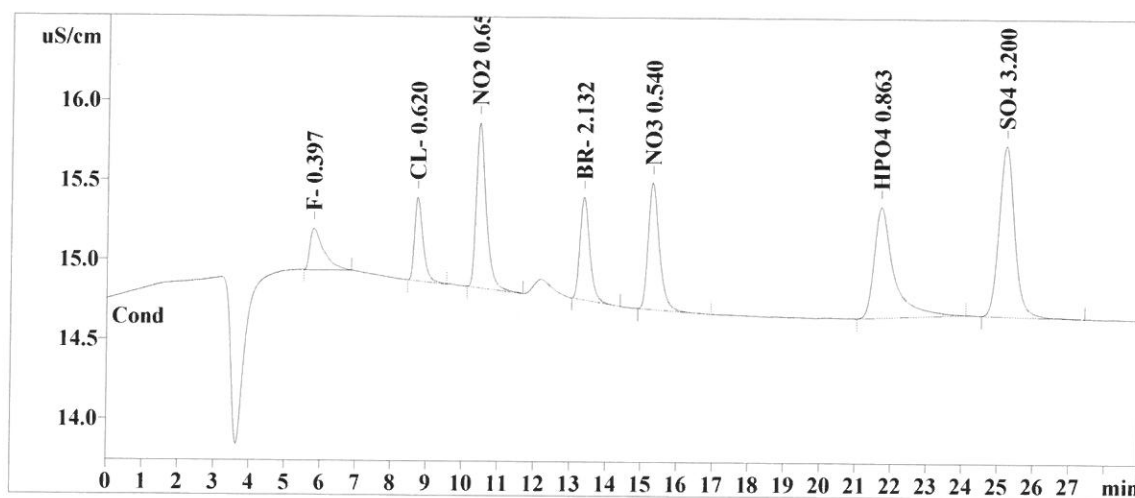
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File: _2018-03-19_

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:
: 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	0.378	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.

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Report date: 3/19/2018 5:16:37 PM
Printed by: wet

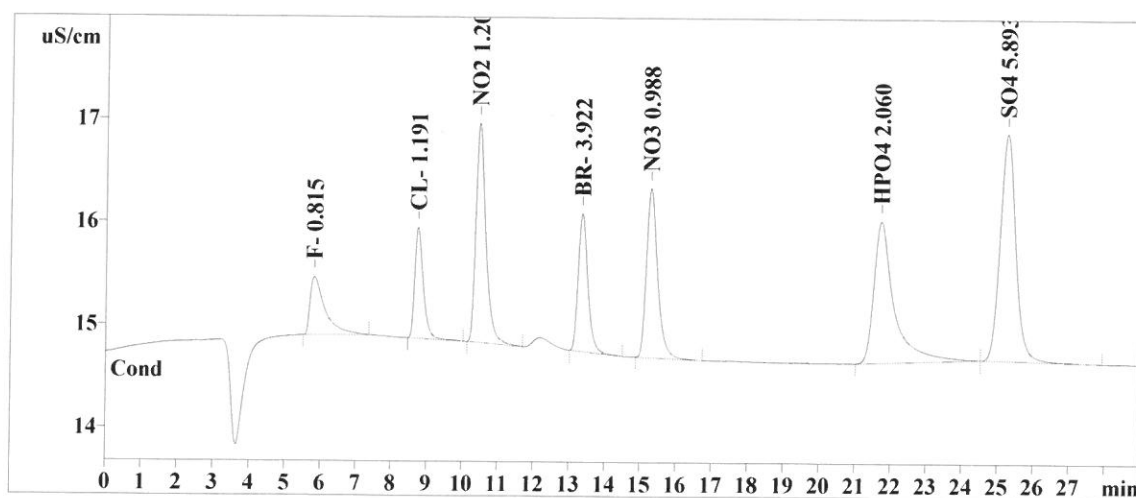
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File: _2018-03-19_

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

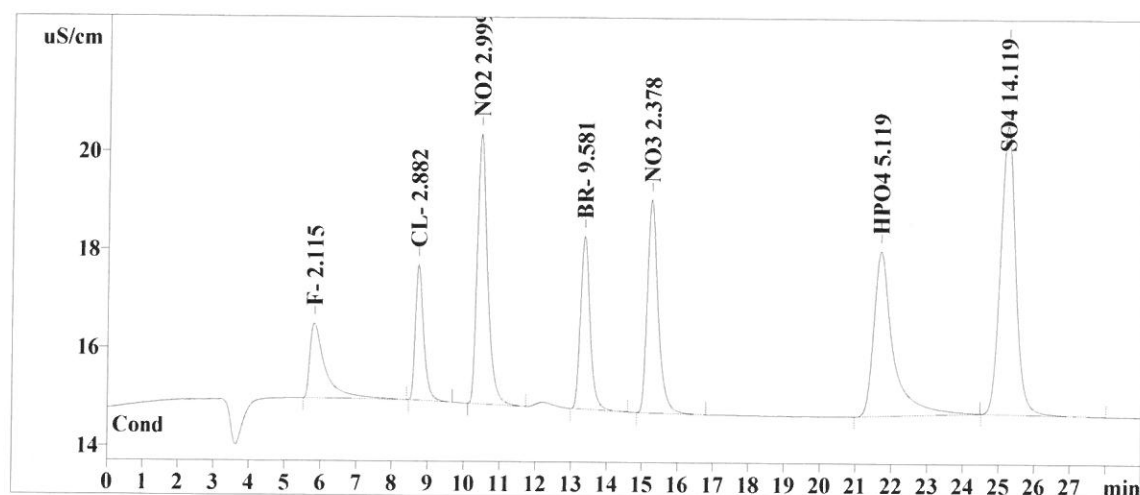
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Analysis from: 3/19/2018 1:47:22 PM
File: _2018-03-19_

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
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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_

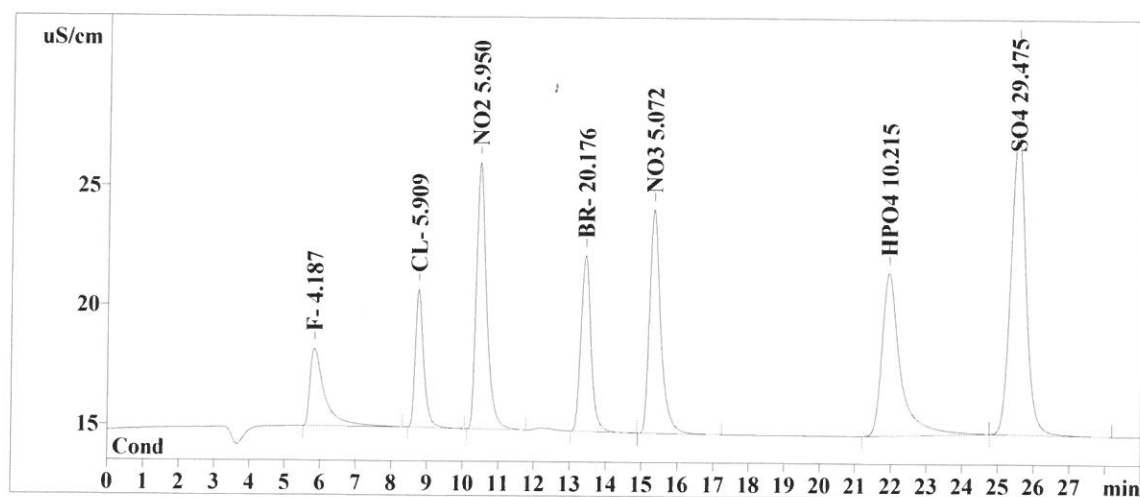
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Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61453

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

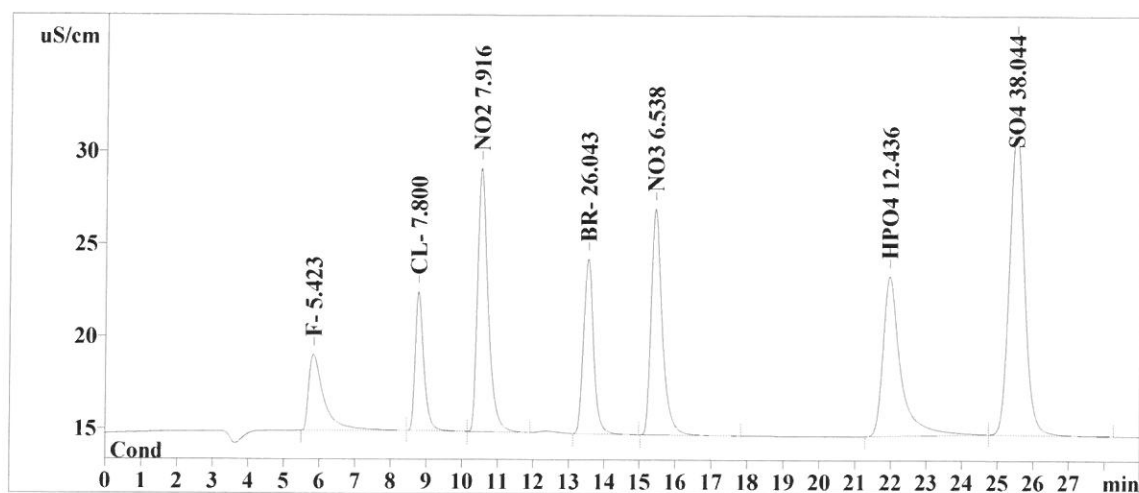
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File: _2018-03-19_

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.

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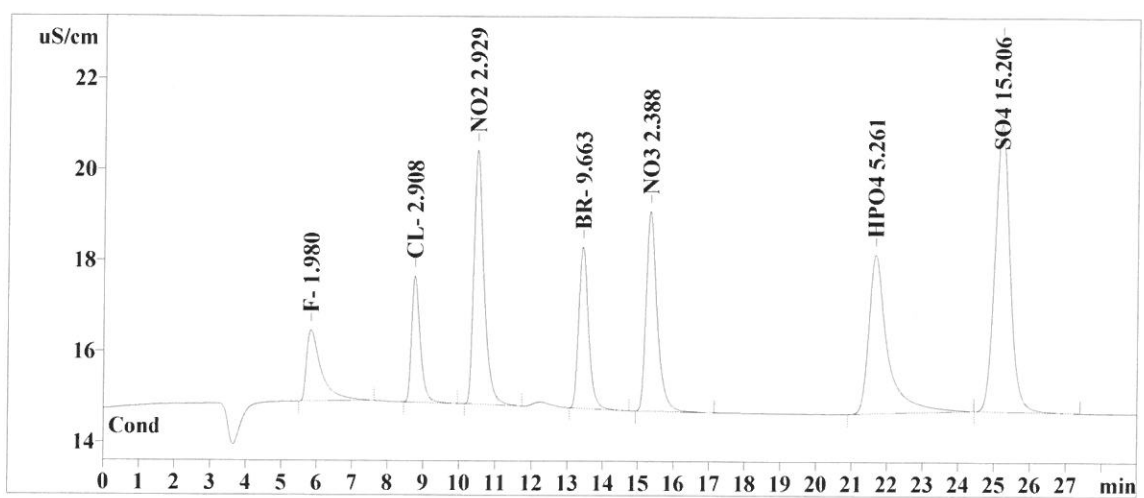
Report date: 3/19/2018 6:46:42 PM
 Printed by: wet

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

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

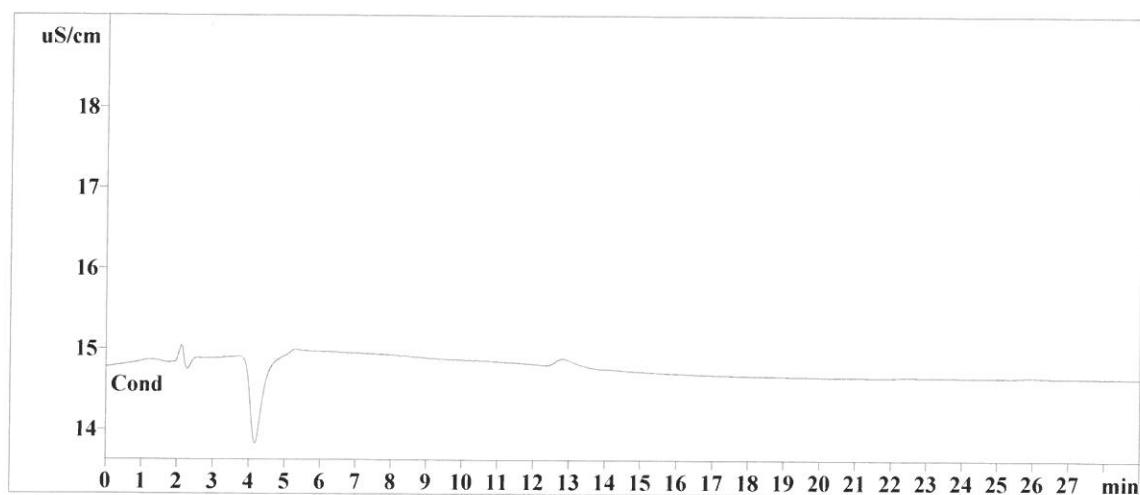
Ident: ICB
Analysis from: 3/19/2018 5:23:20 PM
File: _2018-03-19_

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: 3/30/2018 12:26:07 PM
Printed by: wet

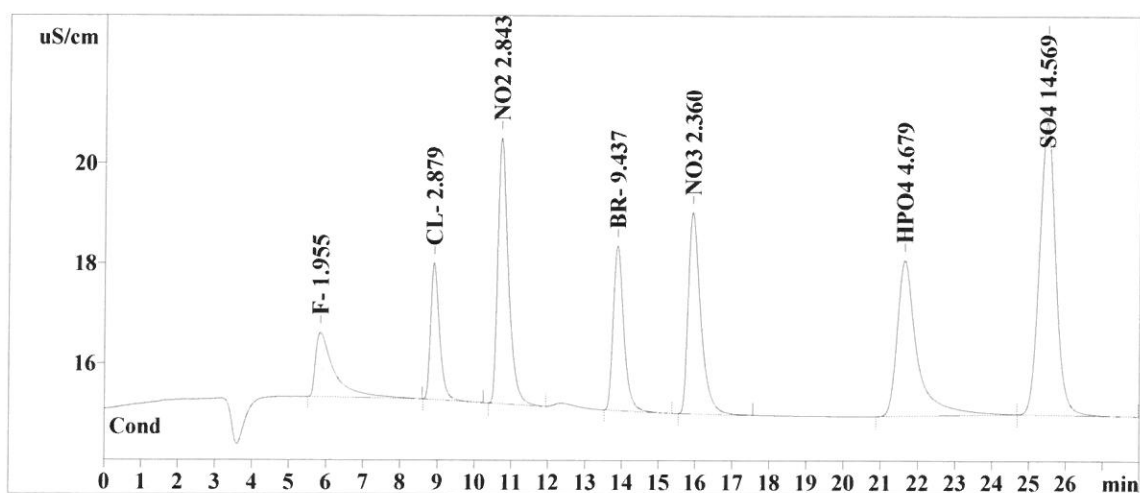
Ident: CCV
Analysis from: 3/29/2018 8:24:05 AM
File: _2018-03-29_

Last save: 3/29/2018 8:51:54 AM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61623

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	5.84	0.441	1.28	5.00	44.804	6.87	0.
2	8.89	0.248	2.72	10.67	45.604	6.99	0.
3	10.72	0.293	5.30	20.75	105.613	16.18	0.
4	13.86	0.301	3.29	12.87	66.623	10.21	0.
5	15.91	0.344	4.02	15.72	94.113	14.42	0.
6	21.63	0.485	3.10	12.15	116.619	17.87	0.
7	25.46	0.460	5.83	22.83	179.205	27.46	0.
7	28.00	0.367	25.54	99.99	652.581	100.00	0.

This report has been created by IC Net
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Report date: 3/30/2018 12:26:26 PM
Printed by: wet

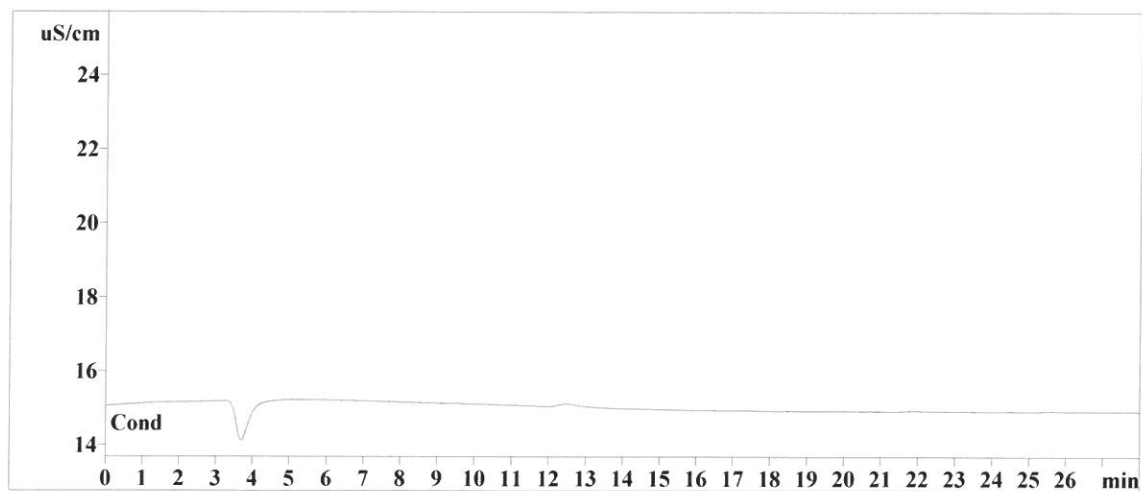
Ident: CCB
Analysis from: 3/29/2018 8:55:00 AM
File: _2018-03-29_

Last save: 3/30/2018 12:26:24 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61624

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: 3/30/2018 12:26:43 PM
Printed by: wet

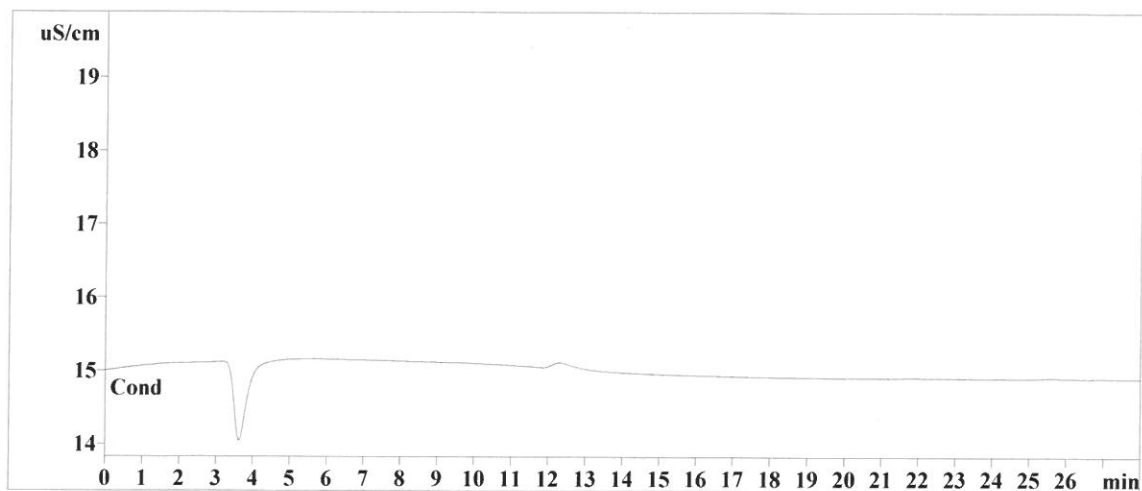
Ident: LB94264BLW
Analysis from: 3/29/2018 9:25:55 AM
File: _2018-03-29_

Last save: 3/30/2018 12:26:42 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61625

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: 3/30/2018 12:27:15 PM
Printed by: wet

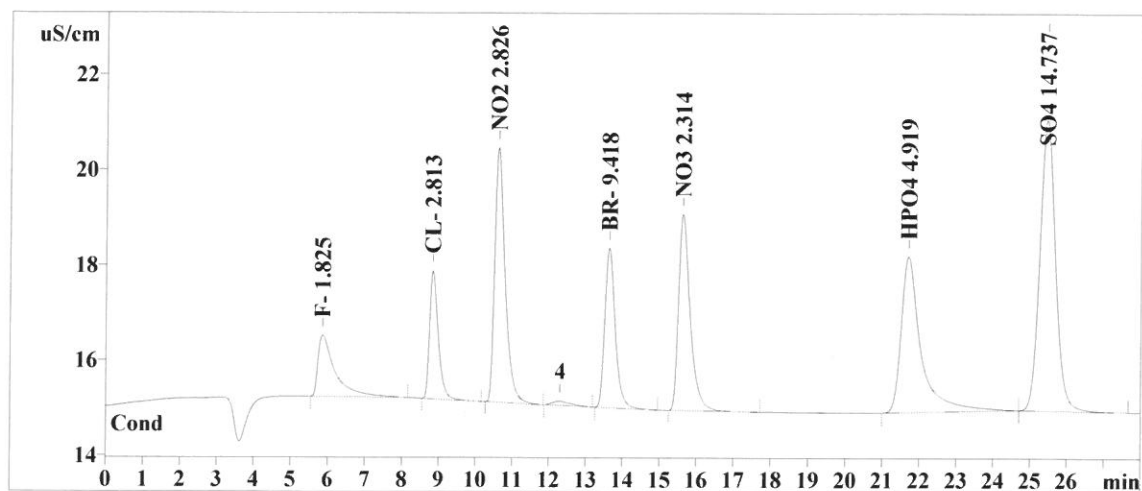
Ident: LB94264BSW
Analysis from: 3/29/2018 9:56:49 AM
File: _2018-03-29_

Last save: 3/30/2018 12:25:50 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61626

Last save: 3/28/2018 6:04:32 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	5.85	0.419	1.28	4.89	41.658	6.34	0.
2	8.83	0.246	2.69	10.25	44.521	6.78	0.
3	10.61	0.290	5.34	20.35	104.963	15.98	0.
4	13.63	0.297	3.34	12.75	66.483	10.12	0.
5	15.62	0.328	4.12	15.70	92.163	14.03	0.
6	21.70	0.480	3.26	12.45	122.313	18.63	0.
7	25.44	0.447	6.10	23.25	181.363	27.62	0.
7	28.00	0.358	26.12	99.64	653.464	99.51	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/30/2018 12:29:22 PM
Printed by: wet

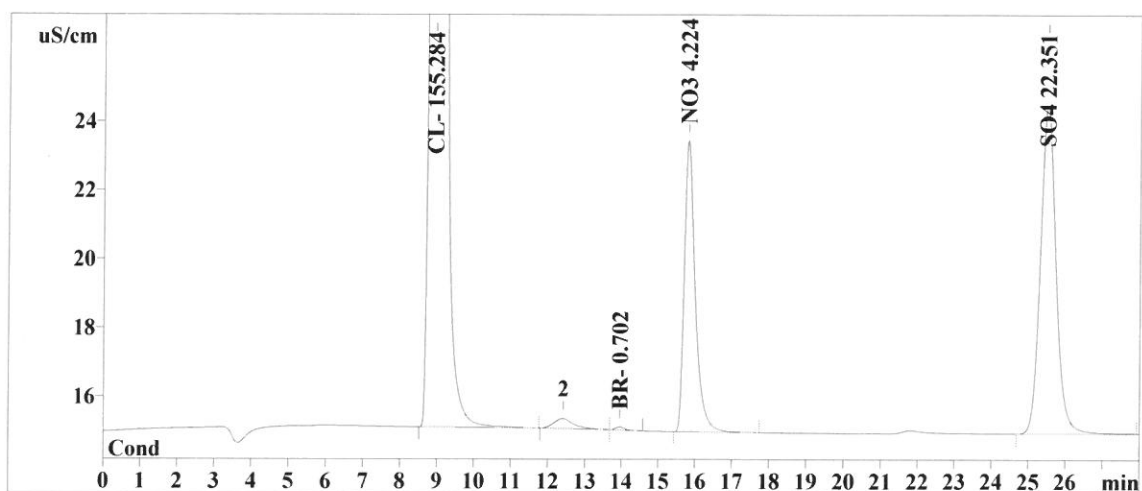
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Analysis from: 3/29/2018 1:03:29 PM
File: _2018-03-29_

Last save: 3/30/2018 12:29:14 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61628

Last save: 3/28/2018 6:04:32 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.94	0.261	147.10	88.89	2552.618	84.59	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.95	0.267	0.09	0.05	1.560	0.05	0.
5	15.80	0.295	8.46	5.11	172.846	5.73	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.50	0.436	9.54	5.77	279.473	9.26	0.
7	28.00	0.180	165.19	99.82	3006.496	99.64	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/30/2018 12:30:04 PM
Printed by: wet

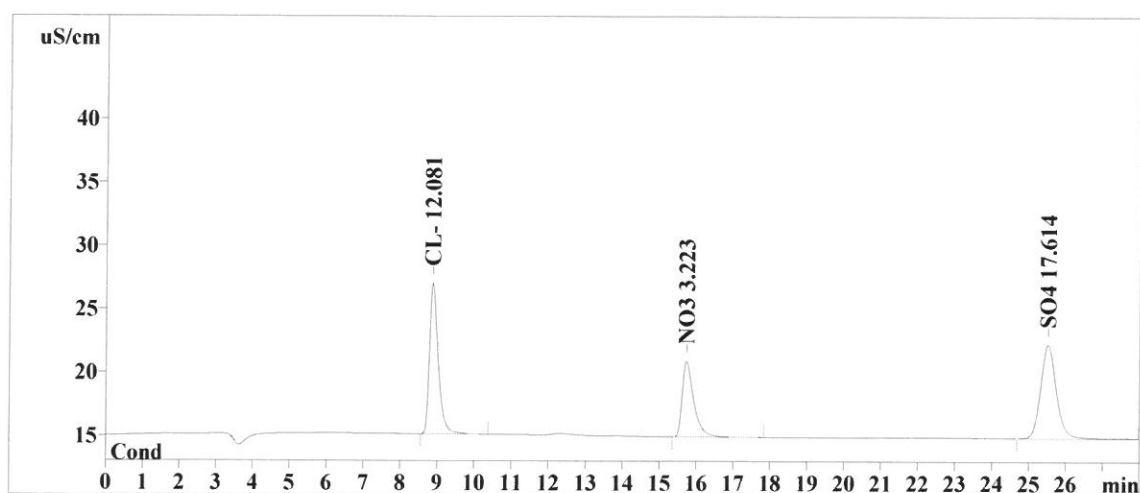
Ident: J2136-02
Analysis from: 3/29/2018 1:34:23 PM
File: _2018-03-29_

Last save: 3/30/2018 12:30:04 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61629

Last save: 3/28/2018 6:04:32 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.87	0.244	11.86	47.10	196.966	36.08	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	15.73	0.318	5.95	23.64	130.569	23.92	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.51	0.442	7.37	29.25	218.430	40.01	0.
7	28.00	0.143	25.18	100.00	545.965	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/30/2018 12:30:19 PM
Printed by: wet

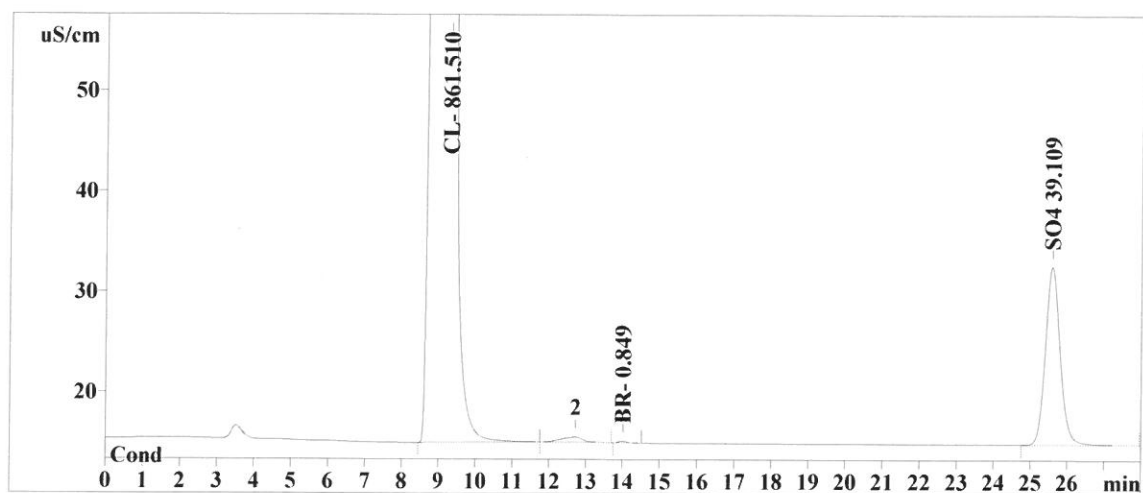
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Analysis from: 3/29/2018 2:05:18 PM
File: _2018-03-29_

Last save: 3/29/2018 2:33:06 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61630

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

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.30	0.473	504.72	96.44	14169.825	96.46	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.01	0.230	0.18	0.03	2.652	0.02	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	25.58	0.420	17.68	3.38	495.390	3.37	0.
7	28.00	0.160	522.57	99.85	14667.868	99.85	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/30/2018 12:30:37 PM
Printed by: wet

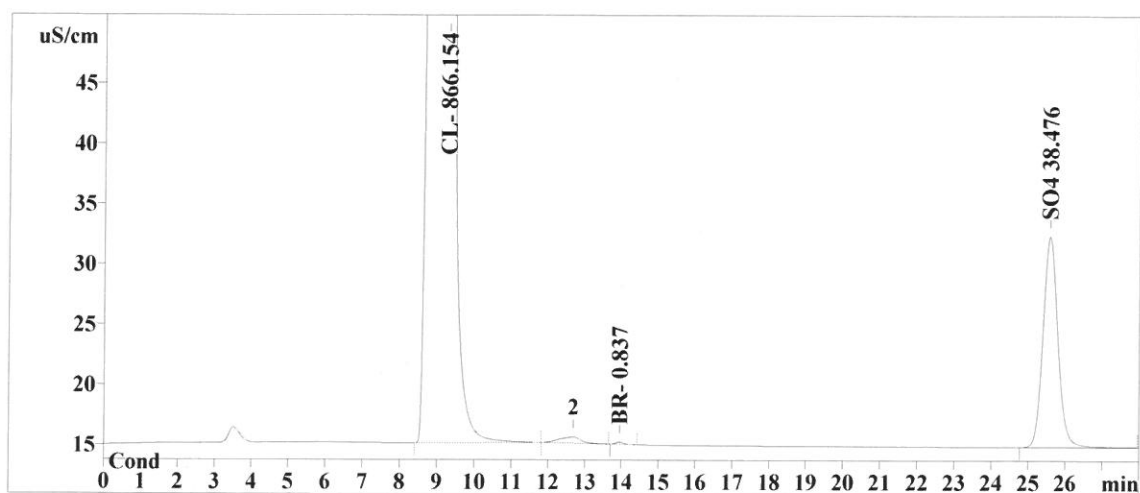
Ident: J2136-03DUP
Analysis from: 3/29/2018 2:36:12 PM
File: _2018-03-29_

Last save: 3/29/2018 3:04:02 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61631

Last save: 3/28/2018 6:04:32 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.28	0.478	501.83	96.50	14246.214	96.54	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.95	0.228	0.17	0.03	2.562	0.02	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	25.57	0.418	17.46	3.36	487.230	3.30	0.
7	28.00	0.161	519.46	99.89	14736.006	99.86	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/30/2018 12:32:04 PM
Printed by: wet

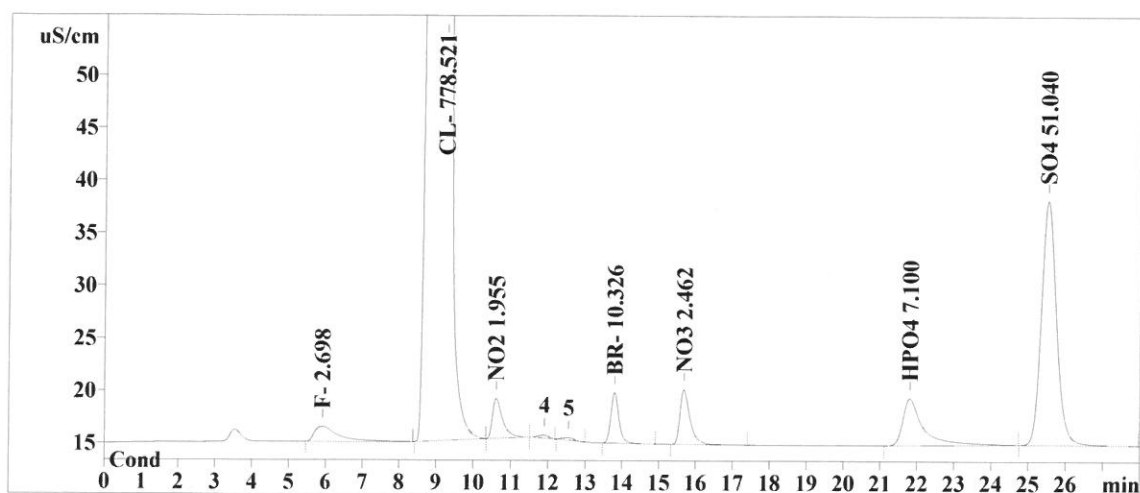
Ident: J2136-03MS
Analysis from: 3/29/2018 3:07:07 PM
File: _2018-03-29_

Last save: 3/30/2018 12:31:58 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61632

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

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.91	0.606	1.43	0.27	62.769	0.45	0.
2	9.24	0.449	481.64	91.69	12804.673	91.83	0.
3	10.61	0.268	3.80	0.72	71.031	0.51	0.
4	13.79	0.228	4.78	0.91	73.247	0.53	0.
5	15.68	0.277	5.17	0.98	98.402	0.71	0.
6	21.81	0.474	4.46	0.85	174.138	1.25	0.
7	25.52	0.421	23.16	4.41	649.110	4.66	0.
7	28.00	0.389	524.44	99.84	13933.371	99.92	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/30/2018 12:32:58 PM
Printed by: wet

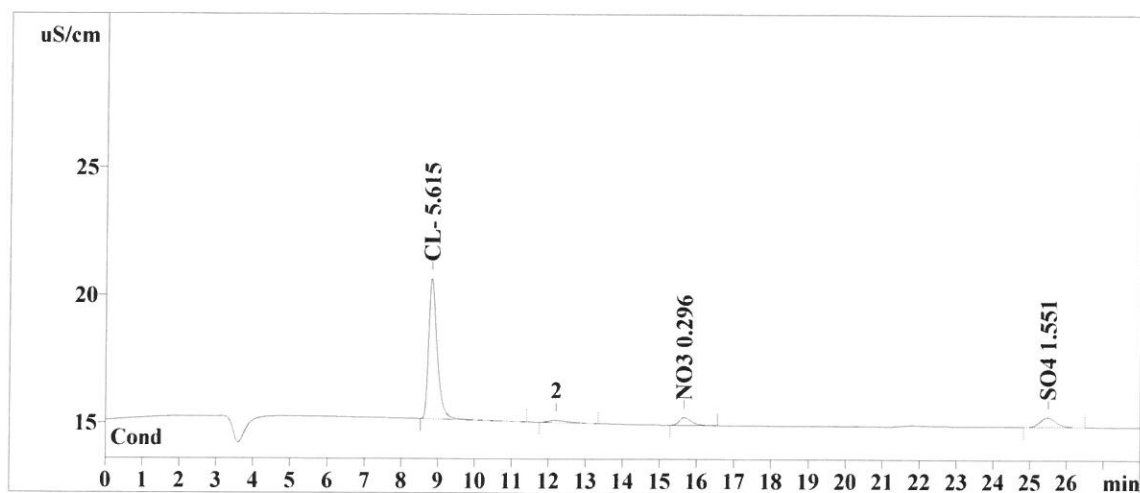
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Analysis from: 3/29/2018 3:38:02 PM
File: _2018-03-29_

Last save: 3/29/2018 4:05:50 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61633

Last save: 3/28/2018 6:04:32 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.81	0.242	5.49	87.67	90.604	80.60	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	15.67	0.340	0.31	4.89	6.924	6.16	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.49	0.463	0.38	6.00	11.468	10.20	0.
7	28.00	0.149	6.17	98.57	108.996	96.96	0.

This report has been created by IC Net
METROHM LTD

Report date: 4/3/2018 9:16:06 AM
Printed by: wet

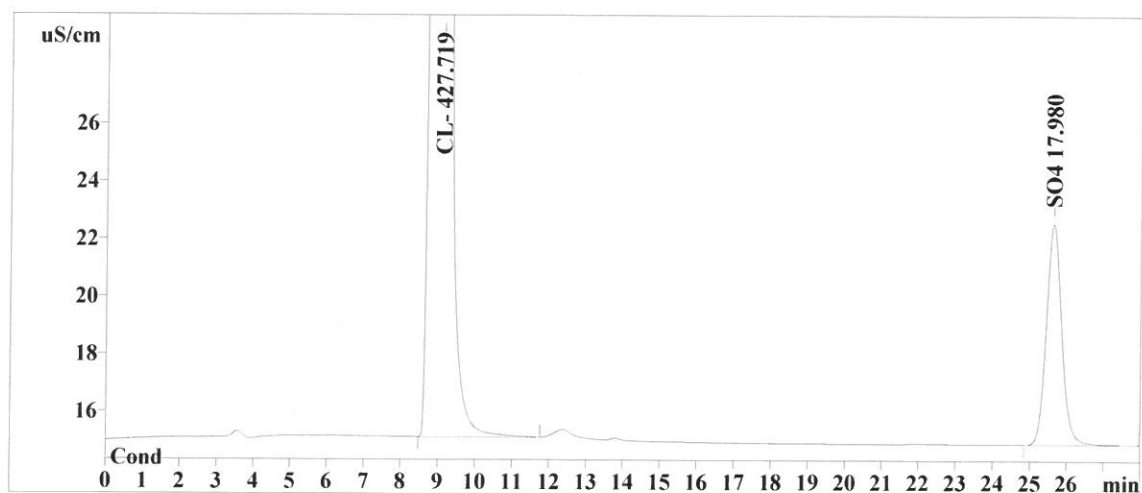
Ident: J2136-03DLX2
Analysis from: 3/29/2018 4:39:51 PM
File: _2018-03-29_

Last save: 4/3/2018 9:16:02 AM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61635

Last save: 3/28/2018 6:04:32 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.12	0.326	349.15	97.77	7034.090	96.93	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	25.63	0.436	7.67	2.15	223.145	3.07	0.
7	28.00	0.109	356.81	99.92	7257.235	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/30/2018 12:33:46 PM
Printed by: wet

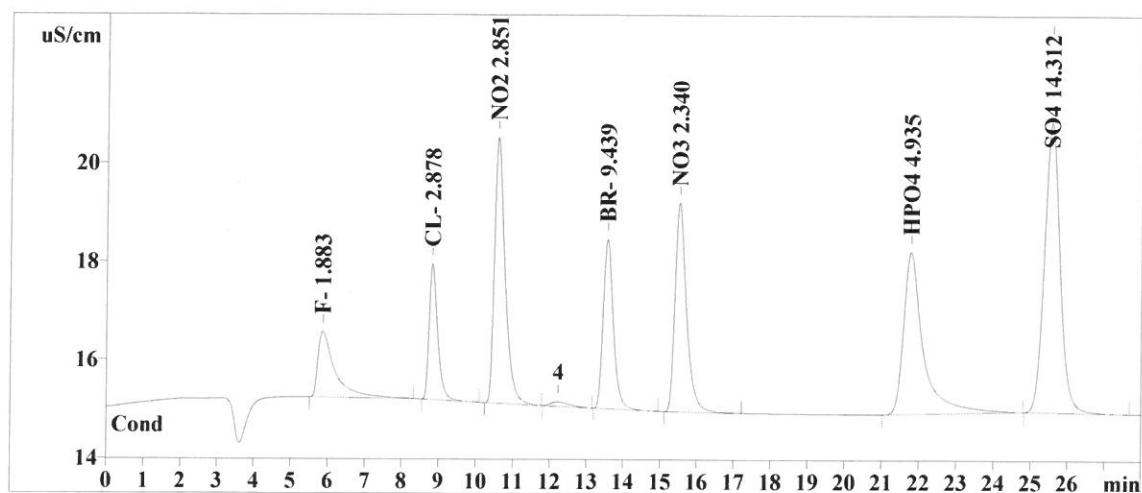
Ident: CCV
Analysis from: 3/29/2018 5:10:45 PM
File: _2018-03-29_

Last save: 3/29/2018 5:38:34 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61636

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	5.85	0.416	1.33	5.02	43.045	6.56	0.
2	8.82	0.246	2.76	10.42	45.590	6.95	0.
3	10.58	0.289	5.40	20.42	105.936	16.14	0.
4	13.55	0.290	3.44	13.01	66.635	10.15	0.
5	15.50	0.323	4.24	16.04	93.257	14.21	0.
6	21.77	0.477	3.29	12.43	122.690	18.69	0.
7	25.54	0.448	5.89	22.30	175.888	26.80	0.
7	28.00	0.355	26.34	99.64	653.041	99.50	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/30/2018 12:34:05 PM
Printed by: wet

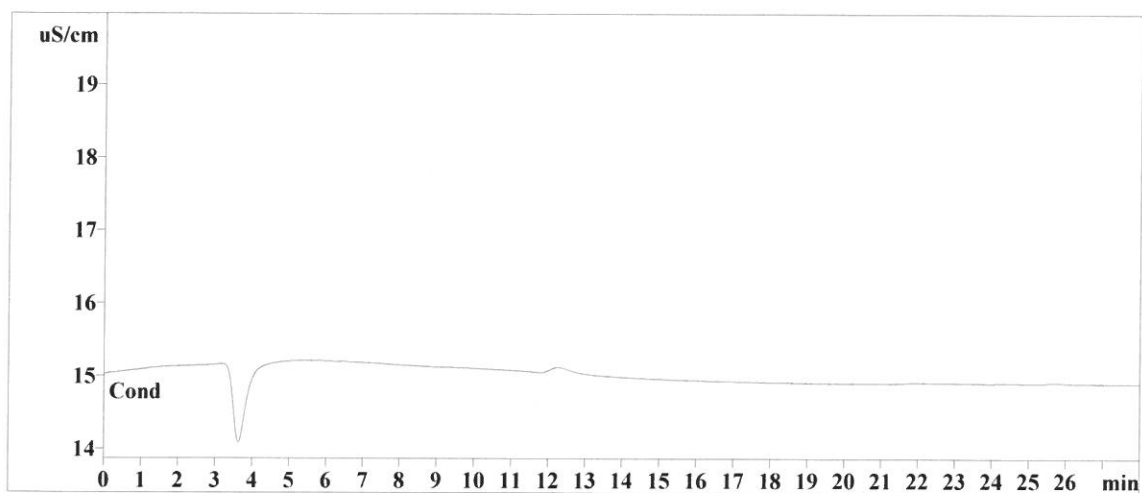
Ident: CCB
Analysis from: 3/29/2018 5:41:40 PM
File: _2018-03-29_

Last save: 3/30/2018 12:34:04 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61637

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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Report date: 3/30/2018 12:35:24 PM
Printed by: wet

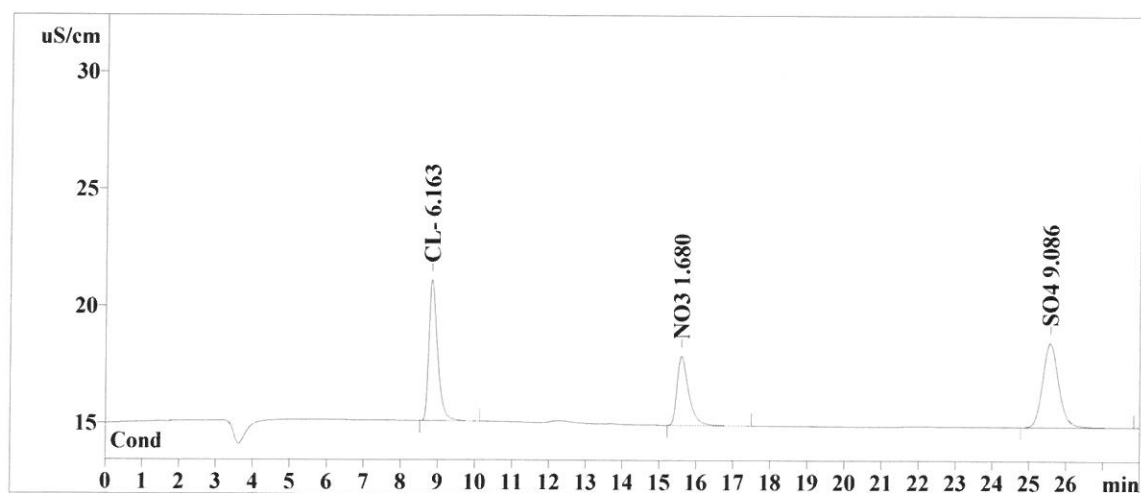
Ident: J2136-02DLX2
Analysis from: 3/29/2018 6:12:35 PM
File: _2018-03-29_

Last save: 3/30/2018 12:35:24 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61638

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

SAMPLE:
: AK/AP
Vial number: 15
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.83	0.244	6.01	47.90	99.624	36.42	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	15.60	0.326	2.95	23.48	65.372	23.90	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.56	0.452	3.59	28.62	108.558	39.68	0.
7	28.00	0.146	12.55	100.00	273.554	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/30/2018 12:36:30 PM
Printed by: wet

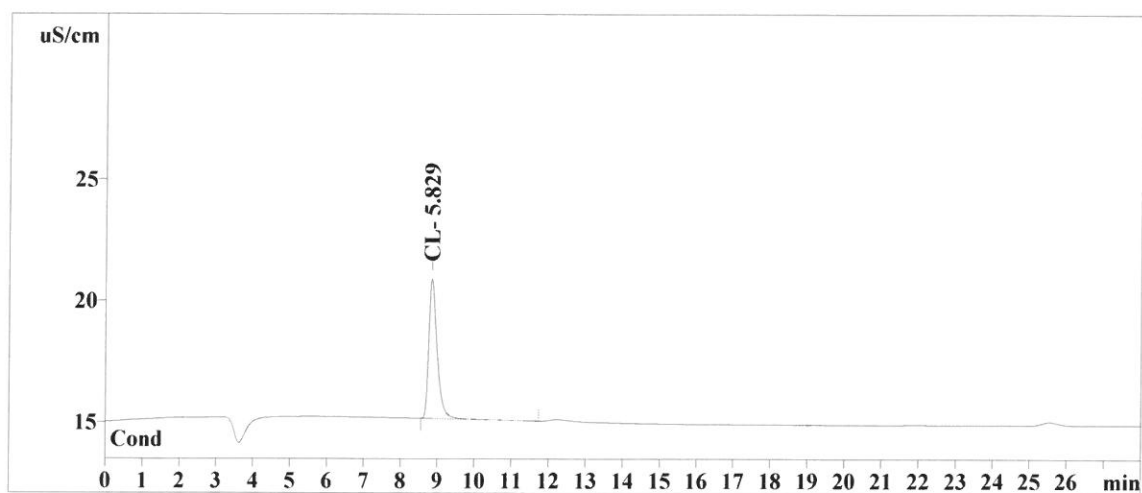
Ident: J2136-03DL2X100
Analysis from: 3/29/2018 6:43:29 PM
File: _2018-03-29_

Last save: 3/30/2018 12:36:30 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61639

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

SAMPLE:
: AK/AP
Vial number: 14
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	8.84	0.240	5.75	99.99	94.132	100.00	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	28.00	0.034	5.75	99.99	94.132	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/30/2018 12:36:42 PM
Printed by: wet

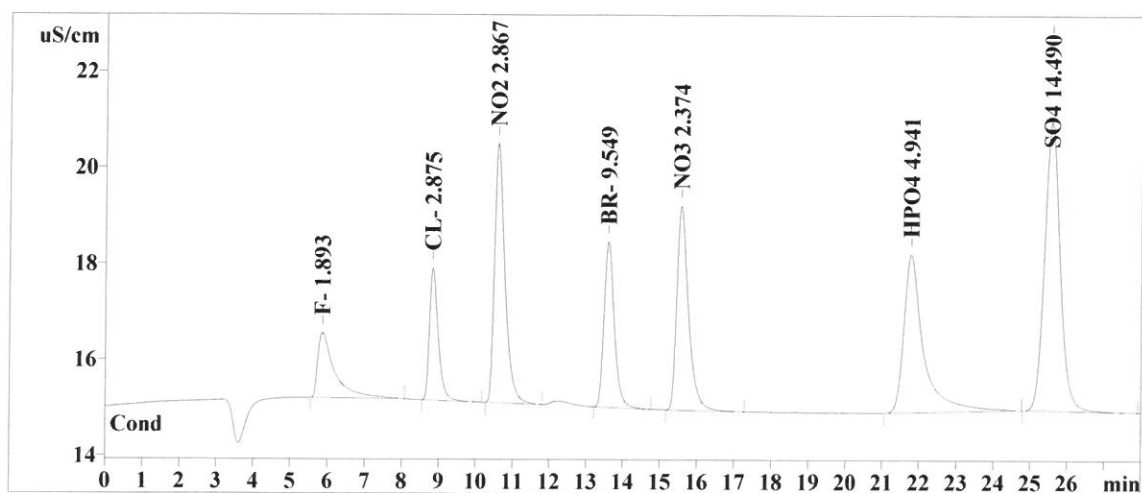
Ident: CCV
Analysis from: 3/29/2018 7:14:24 PM
File: _2018-03-29_

Last save: 3/29/2018 7:42:12 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61640

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	5.85	0.414	1.35	5.09	43.308	6.58	0.
2	8.82	0.245	2.75	10.40	45.534	6.91	0.
3	10.59	0.291	5.39	20.38	106.560	16.18	0.
4	13.59	0.292	3.44	13.01	67.457	10.24	0.
5	15.55	0.328	4.24	16.02	94.709	14.38	0.
6	21.77	0.477	3.28	12.40	122.834	18.65	0.
7	25.56	0.445	6.01	22.69	178.184	27.06	0.
7	28.00	0.356	26.47	99.99	658.586	100.00	0.

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METROHM LTD

Report date: 3/30/2018 12:36:59 PM
Printed by: wet

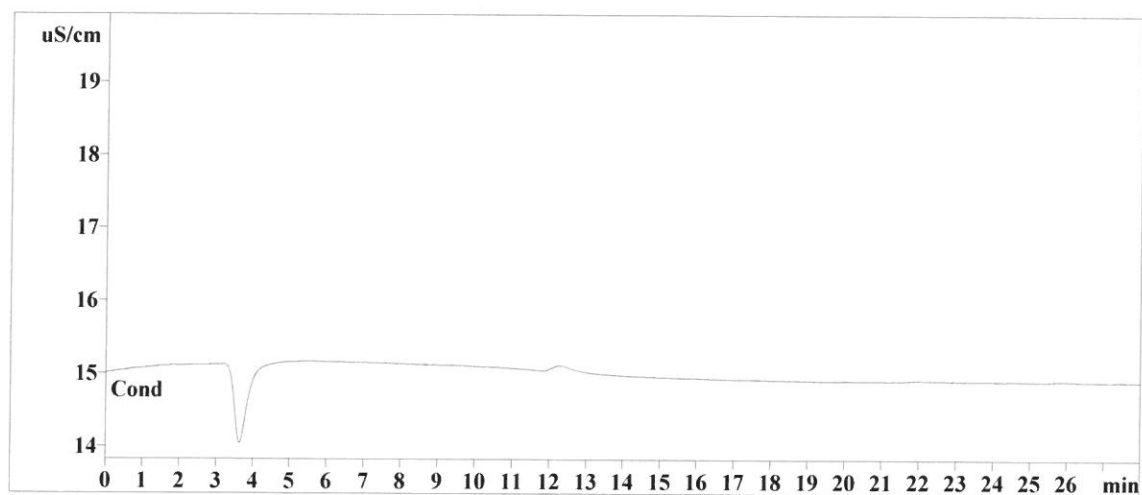
Ident: CCB
Analysis from: 3/29/2018 7:45:18 PM
File: _2018-03-29_

Last save: 3/30/2018 12:36:58 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61641

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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