

IC-1 30.0
4-3-18 AK

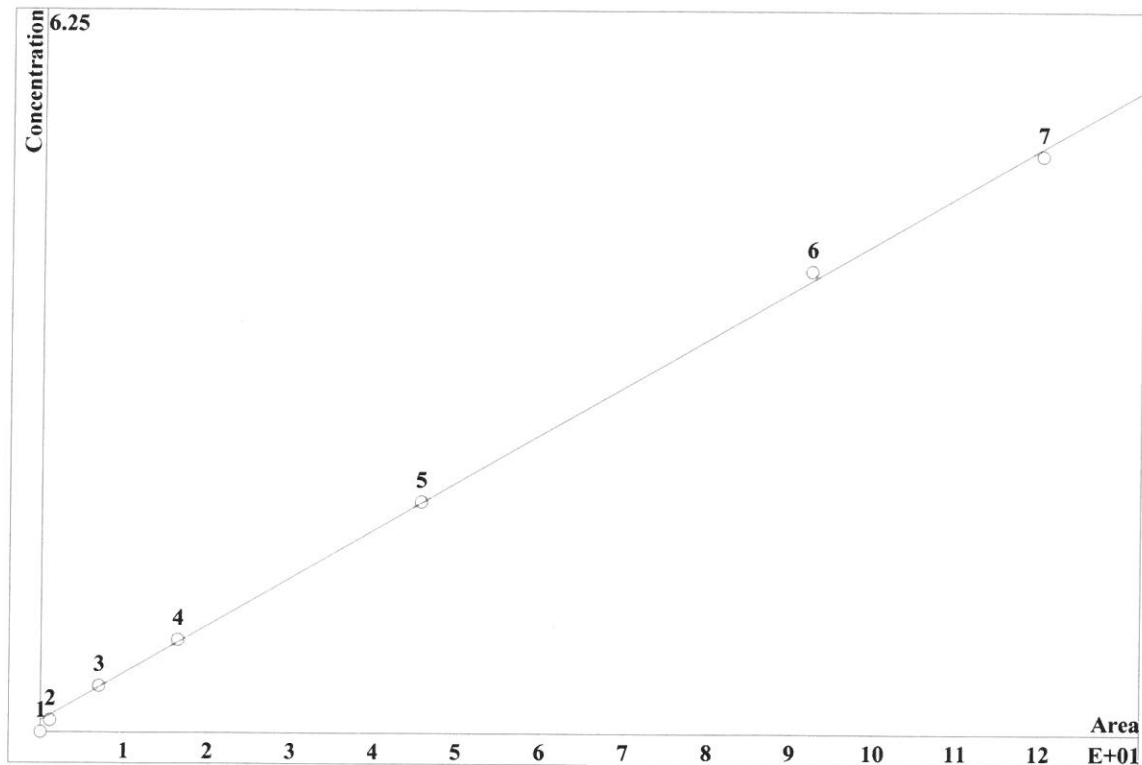
Clear table

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	2018-03-19_	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	1.8980	2.9420	2.9190	9.5800	2.3820	5.0420	14.4700	2018-04-02_	4/2/18 10:27
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-04-02_	4/2/18 10:57
LB94328BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-04-02_	4/2/18 11:28
LB94328BSW	1.9730	2.9360	2.8980	9.5080	2.3680	5.1960	15.3450	2018-04-02_	4/2/18 11:59
J2173-01	0.0000	1327.4910	0.0000	3.2540	0.0000	4.1330	924.1290	2018-04-02_	4/2/18 12:30
J2173-02	0.0000	107.0250	0.0000	0.0000	0.1840	0.0000	141.9240	2018-04-02_	4/2/18 13:01
J2173-03	0.0000	801.4890	0.0000	2.2780	0.0000	5.9040	588.0550	2018-04-02_	4/2/18 13:32
J2187-01	0.3480	682.9020	0.0000	1.6310	0.8250	0.0000	225.0530	2018-04-02_	4/2/18 14:03
J2173-04	0.0000	1339.4030	0.0000	3.3320	0.0000	2.0010	9.5520	2018-04-02_	4/2/18 14:34
J2173-05	0.0000	1486.0400	0.0000	3.6400	0.0000	2.1640	8.1220	2018-04-02_	4/2/18 16:16
J2173-05DUP	0.0000	1496.7990	0.0000	3.6750	0.0000	2.2680	8.3390	2018-04-02_	4/2/18 16:47
J2173-05MS	1.7350	1351.4640	0.6980	13.3370	2.5060	8.1050	23.9160	2018-04-02_	4/2/18 17:18
CCV	1.4180	3.0190	2.9560	9.8350	2.4500	5.6630	14.5820	2018-04-02_	4/2/18 17:49
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-04-02_	4/2/18 18:20
J2173-01DLX50	0.0000	20.4610	0.0000	0.0000	0.0000	0.0000	13.9220	2018-04-02_	4/2/18 18:51
J2173-02DLX5	0.0000	18.4410	0.0000	0.0000	0.0000	0.0000	23.8460	2018-04-02_	4/2/18 19:22
J2173-03DLX20	0.0000	31.5030	0.0000	0.0000	0.0000	0.1100	21.7240	2018-04-02_	4/2/18 19:53
CCV	1.8630	3.0070	2.9940	9.7560	2.4160	5.4750	14.8160	2018-04-02_	4/2/18 20:24
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-04-02_	4/2/18 20:55

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

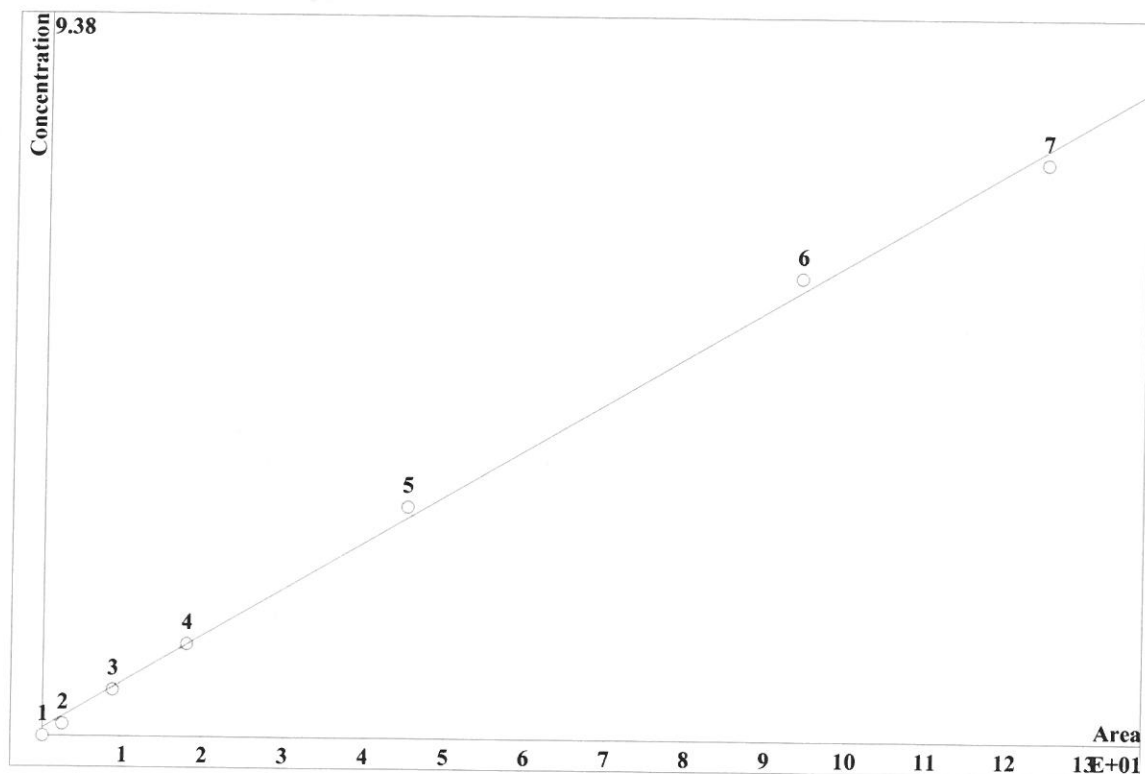
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

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



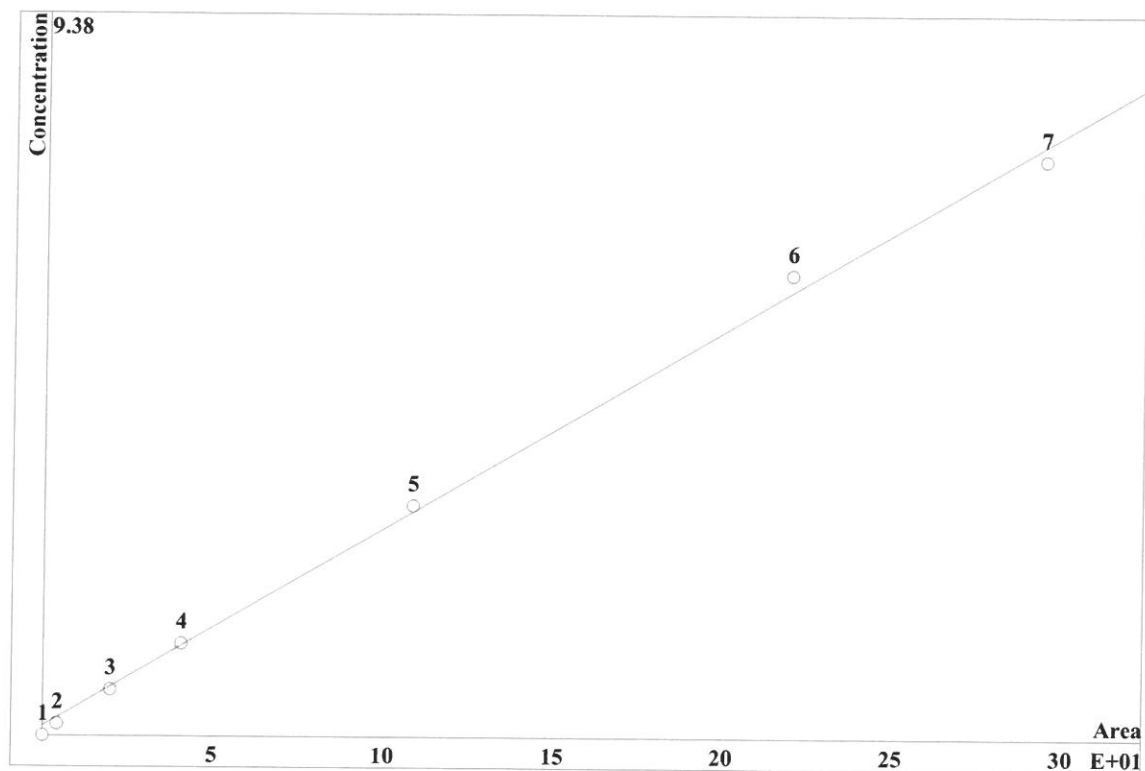
K3 = 0 K2 = 0 K1 = 1.21583 K0 = 2.13837

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



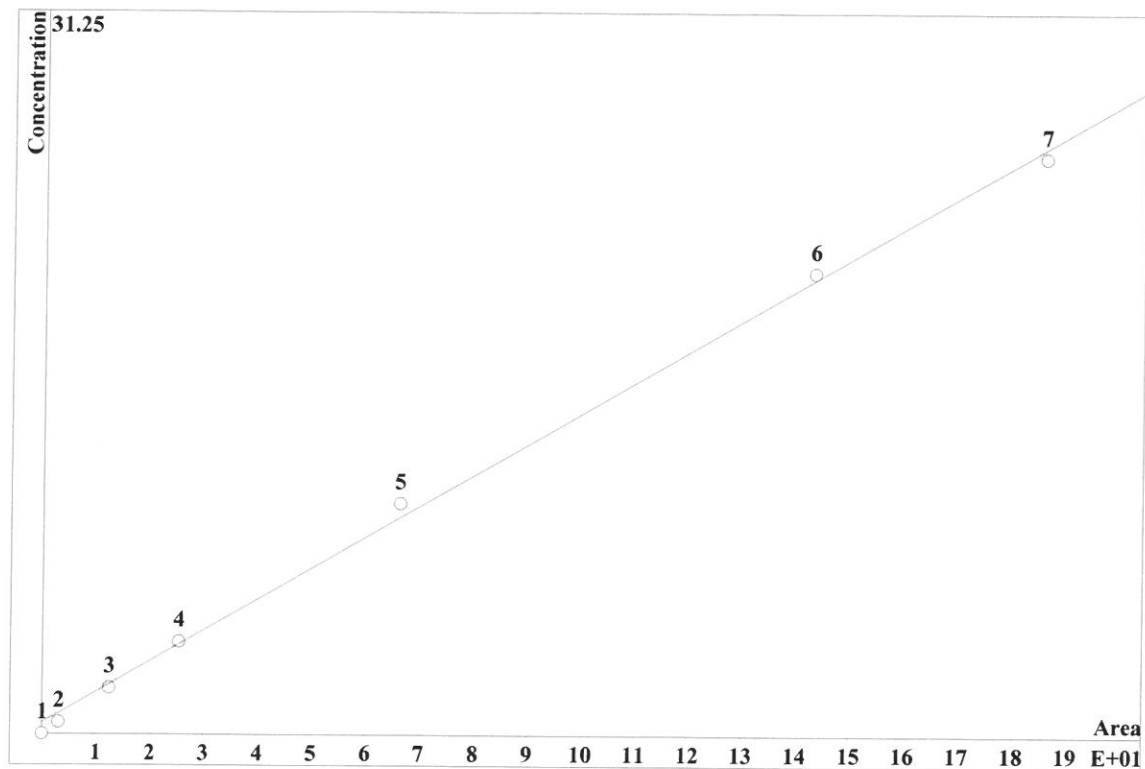
K3 = 0 K2 = 0 K1 = 0.51376 K0 = 2.60348

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



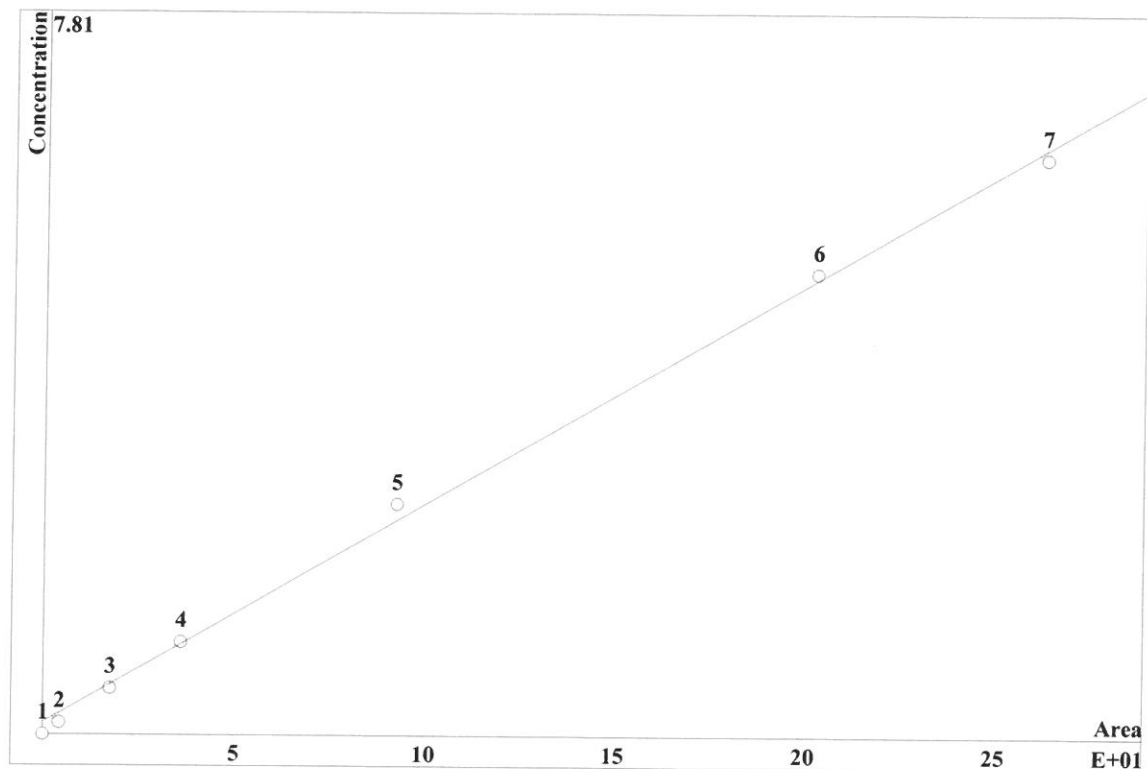
K3 = 0 K2 = 0 K1 = 2.68494 K0 = 9.86212

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



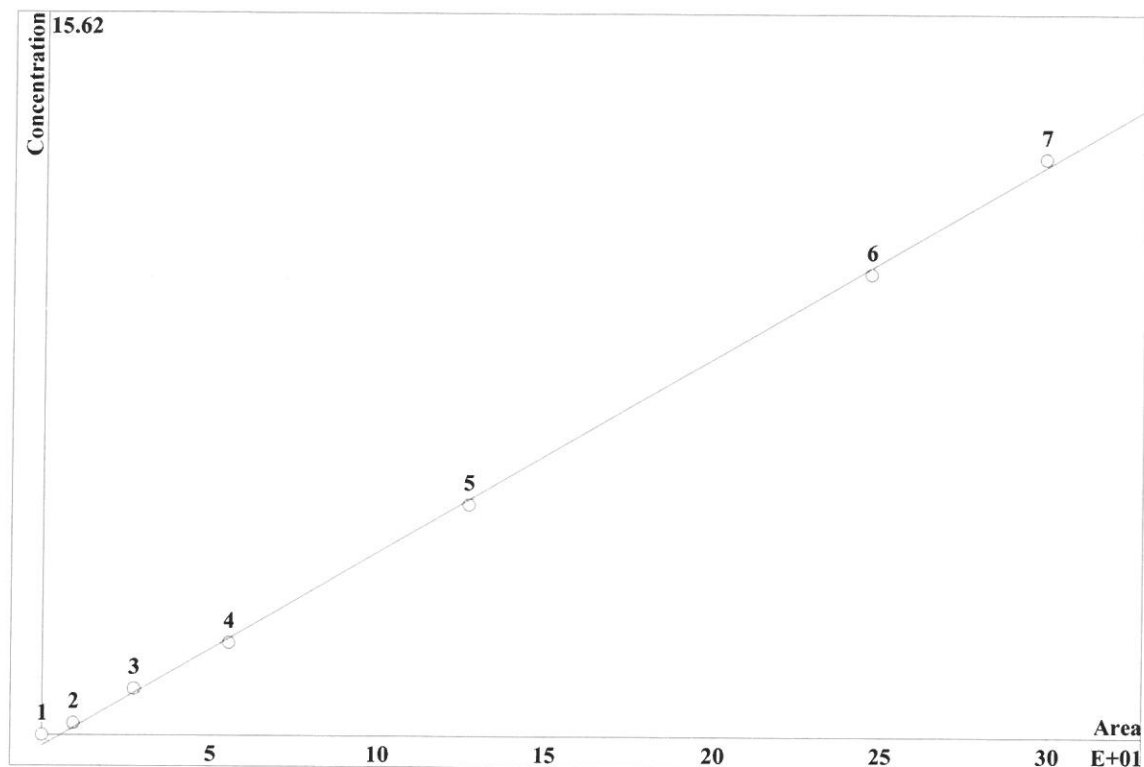
K3 = 0 K2 = 0 K1 = 0.473492 K0 = 2.64071

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



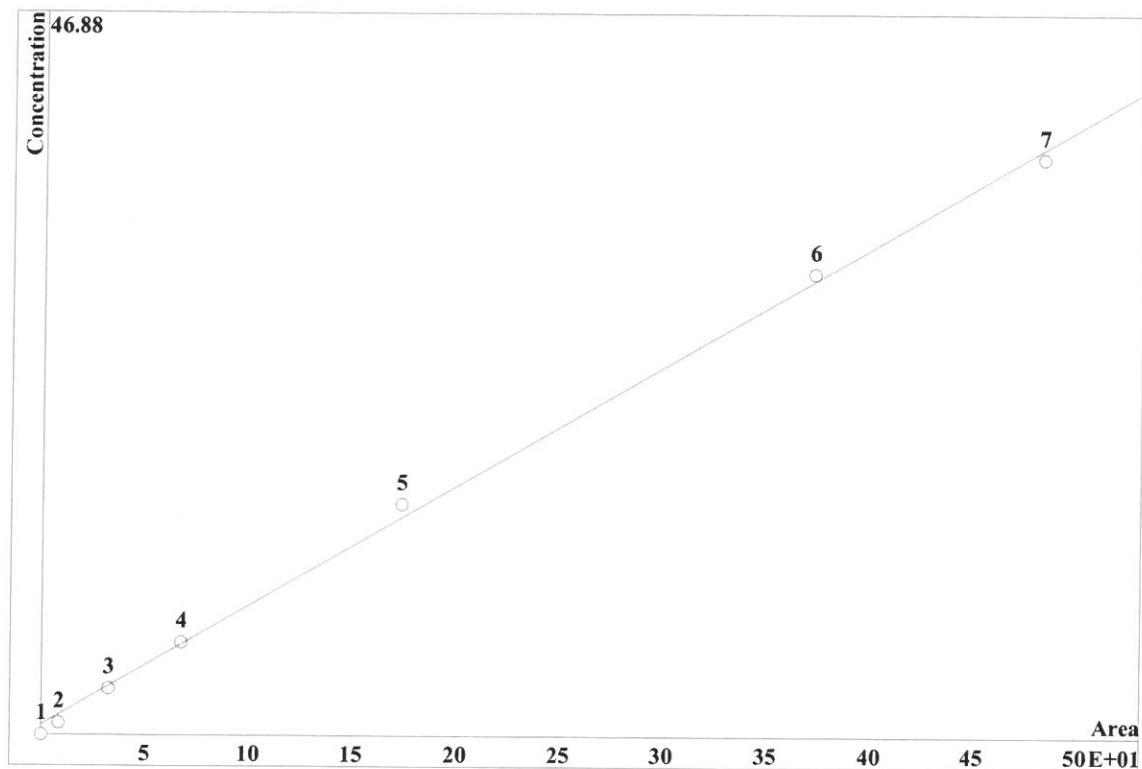
K3 = 0 K2 = 0 K1 = 0.841758 K0 = -4.5807

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	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

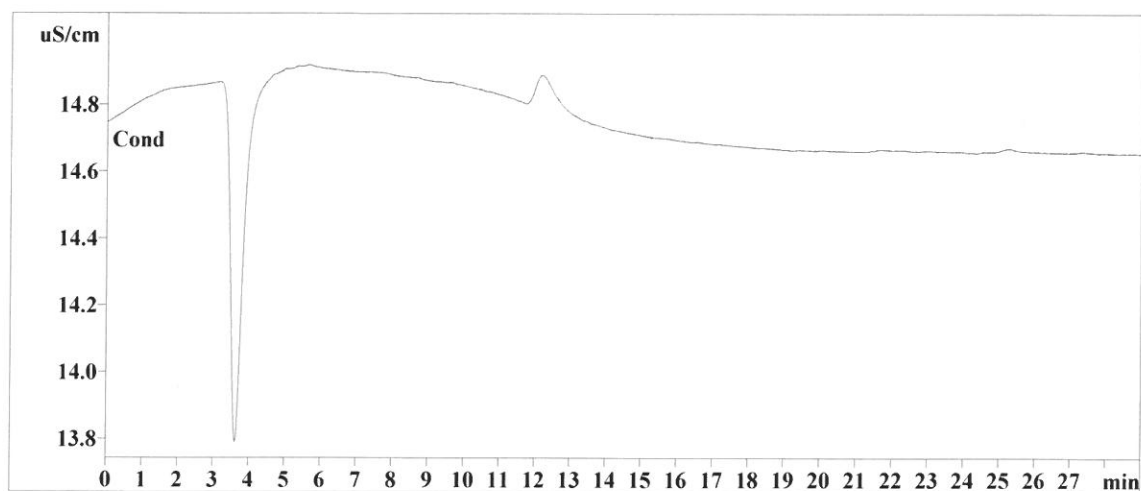
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File: _2018-03-19_

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:
:
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

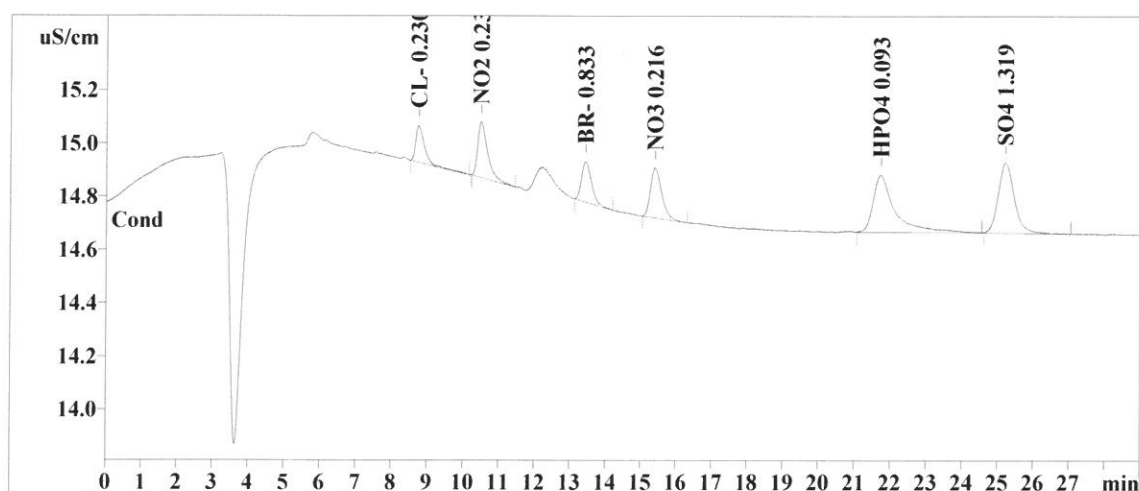
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Analysis from: 3/19/2018 12:11:40 PM
File: _2018-03-19_

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

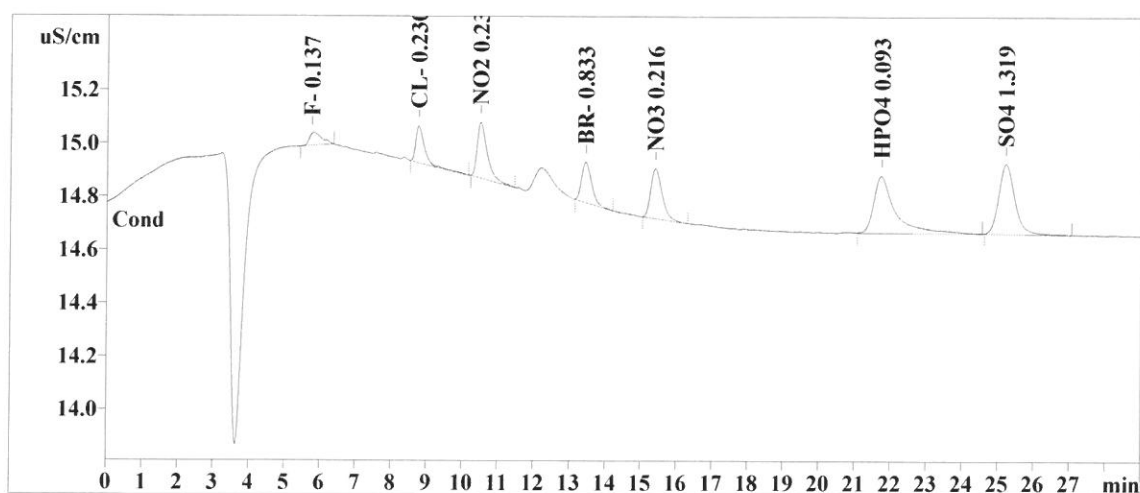
Manual peaks!

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 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	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

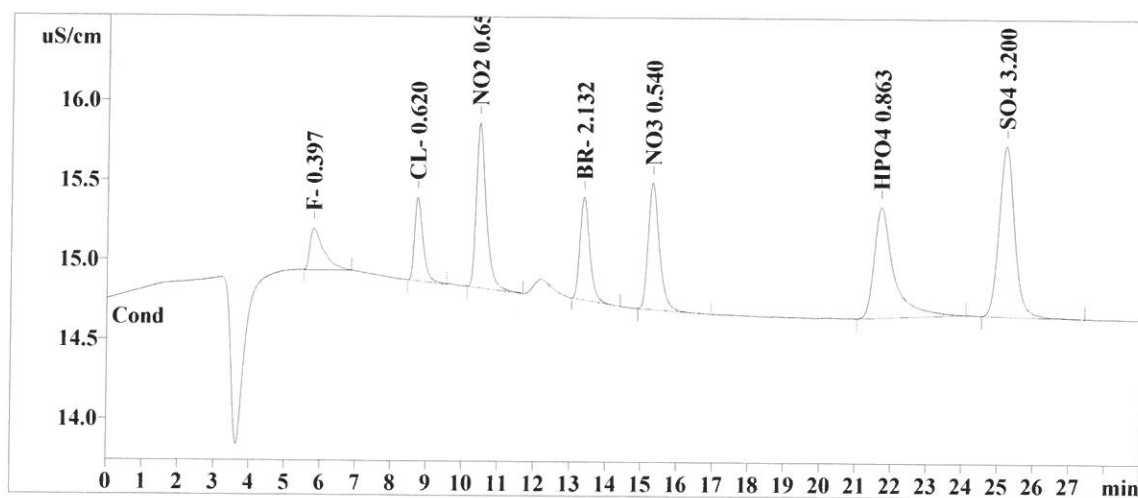
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Analysis from: 3/19/2018 12:43:34 PM
File: _2018-03-19_

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.

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

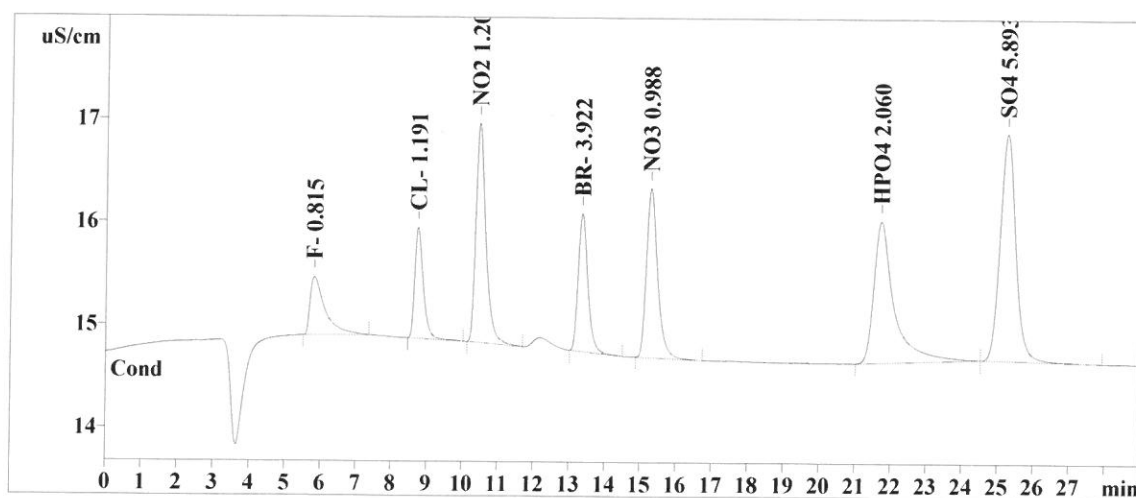
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File: _2018-03-19_

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

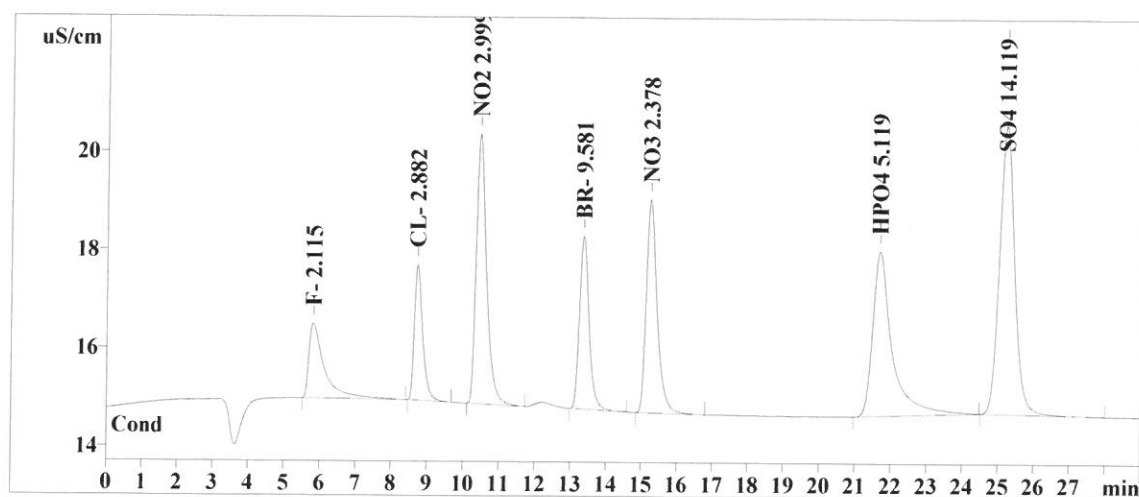
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Analysis from: 3/19/2018 1:47:22 PM
File: _2018-03-19_

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
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_

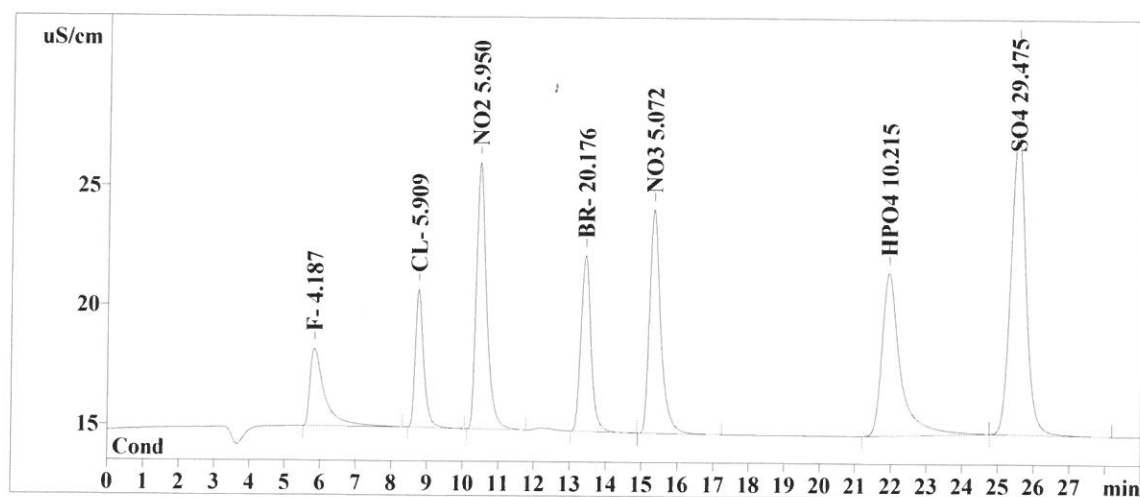
Last save: 3/19/2018 5:16:16 PM

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

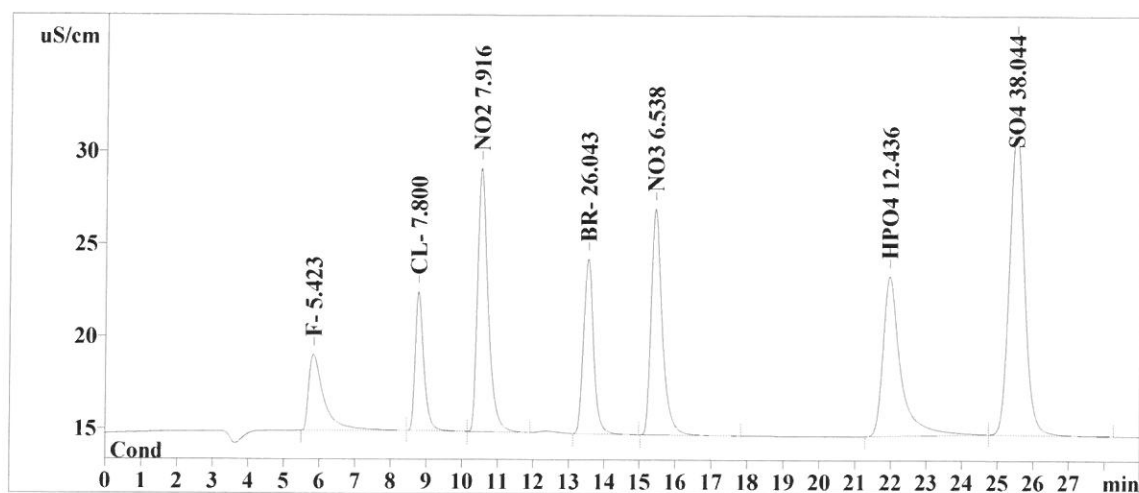
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Analysis from: 3/19/2018 2:51:11 PM
File: _2018-03-19_

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

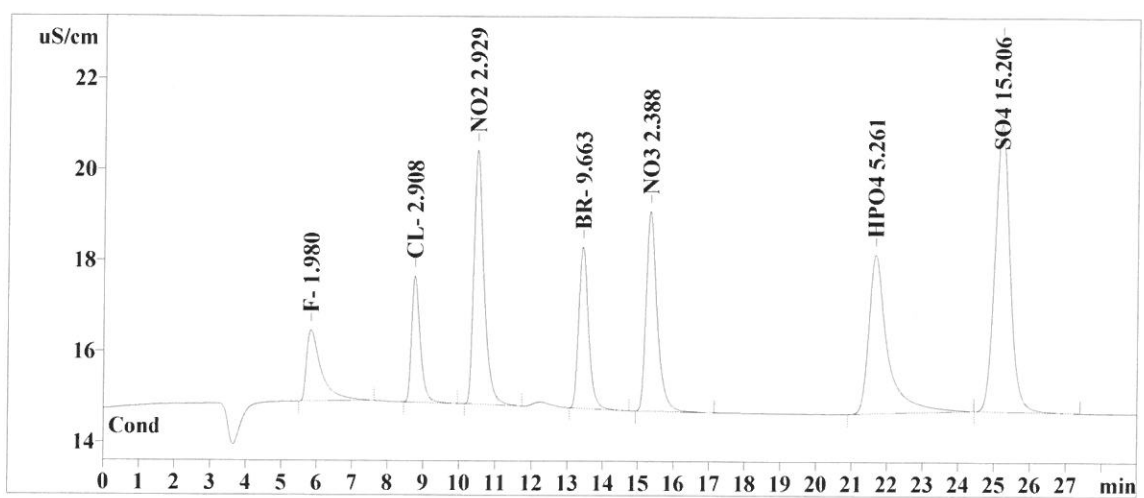
Report date: 3/19/2018 6:46:42 PM
 Printed by: wet

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

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

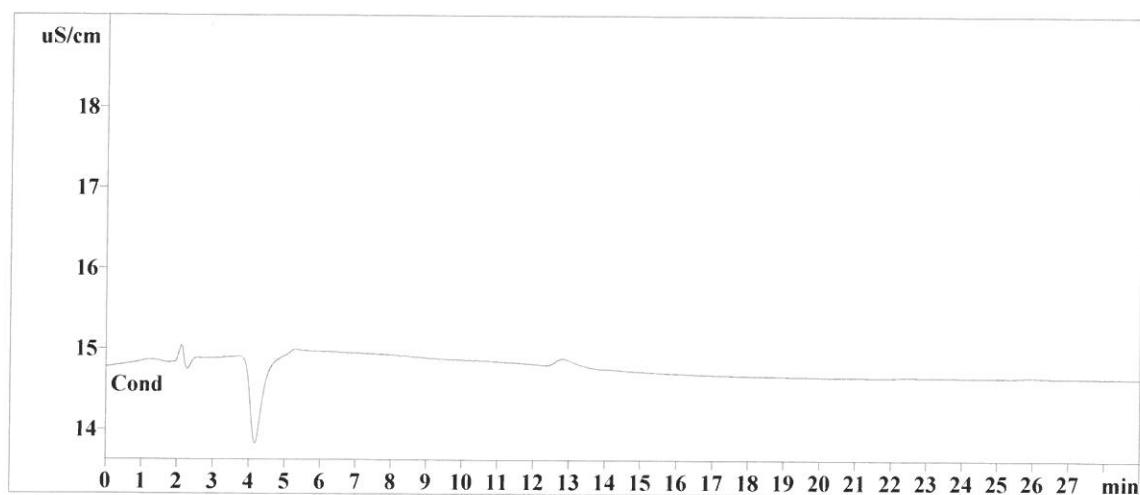
Ident: ICB
Analysis from: 3/19/2018 5:23:20 PM
File: _2018-03-19_

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: 4/3/2018 10:07:07 AM
Printed by: wet

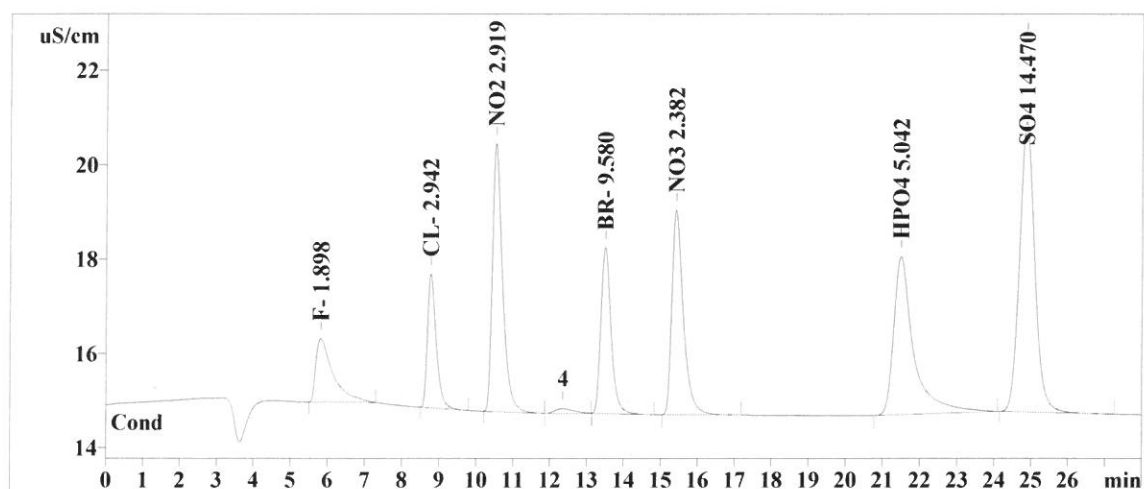
Ident: CCV
Analysis from: 4/2/2018 10:27:00 AM
File: _2018-04-02_

Last save: 4/2/2018 10:54:50 AM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61690

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

SAMPLE:
:
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	5.82	0.442	1.35	4.93	43.409	6.50	0.
2	8.77	0.245	2.83	10.37	46.635	6.98	0.
3	10.53	0.281	5.68	20.79	108.560	16.25	0.
4	13.49	0.288	3.52	12.88	67.689	10.13	0.
5	15.41	0.321	4.34	15.88	95.026	14.23	0.
6	21.48	0.480	3.35	12.28	125.245	18.75	0.
7	24.86	0.434	6.15	22.50	177.924	26.64	0.
7	28.00	0.356	27.22	99.63	664.490	99.48	0.

This report has been created by IC Net
METROHM LTD

Report date: 4/3/2018 10:07:34 AM
Printed by: wet

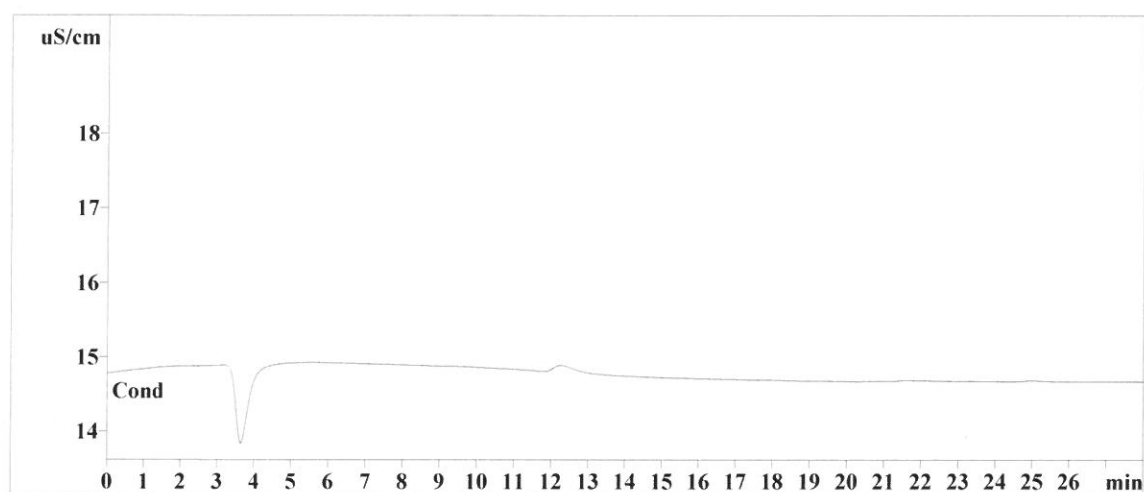
Ident: CCB
Analysis from: 4/2/2018 10:57:56 AM
File: _2018-04-02_

Last save: 4/3/2018 10:07:32 AM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61691

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: 4/3/2018 10:07:53 AM
Printed by: wet

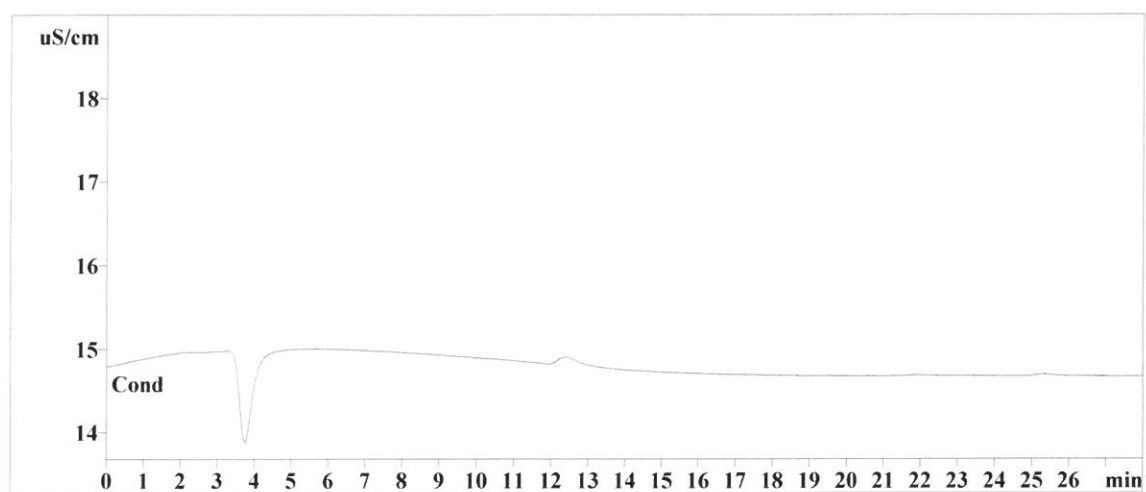
Ident: LB94328BLW
Analysis from: 4/2/2018 11:28:51 AM
File: _2018-04-02_

Last save: 4/3/2018 10:07:52 AM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61692

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: 4/3/2018 10:08:05 AM
Printed by: wet

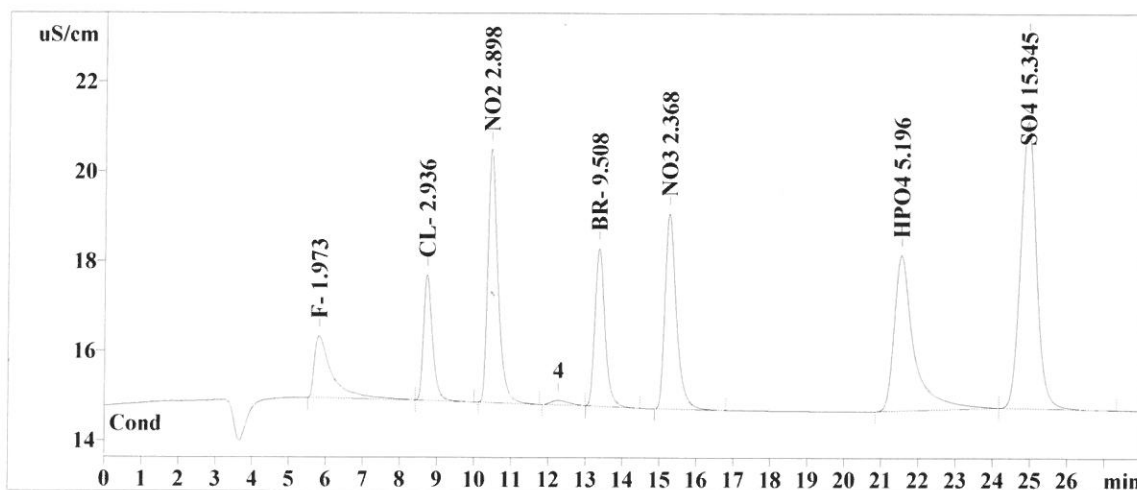
Ident: LB94328BSW
Analysis from: 4/2/2018 11:59:45 AM
File: _2018-04-02_

Last save: 4/3/2018 10:06:46 AM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61693

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	5.81	0.415	1.38	4.97	45.241	6.63	0.
2	8.72	0.247	2.80	10.11	46.530	6.82	0.
3	10.45	0.280	5.66	20.46	107.765	15.79	0.
4	13.36	0.287	3.51	12.70	67.149	9.84	0.
5	15.24	0.320	4.35	15.74	94.455	13.84	0.
6	21.53	0.478	3.47	12.54	128.902	18.89	0.
7	24.92	0.445	6.39	23.11	189.203	27.72	0.
7	28.00	0.353	27.55	99.62	679.244	99.51	0.

This report has been created by IC Net
METROHM LTD

Report date: 4/3/2018 10:11:00 AM
Printed by: wet

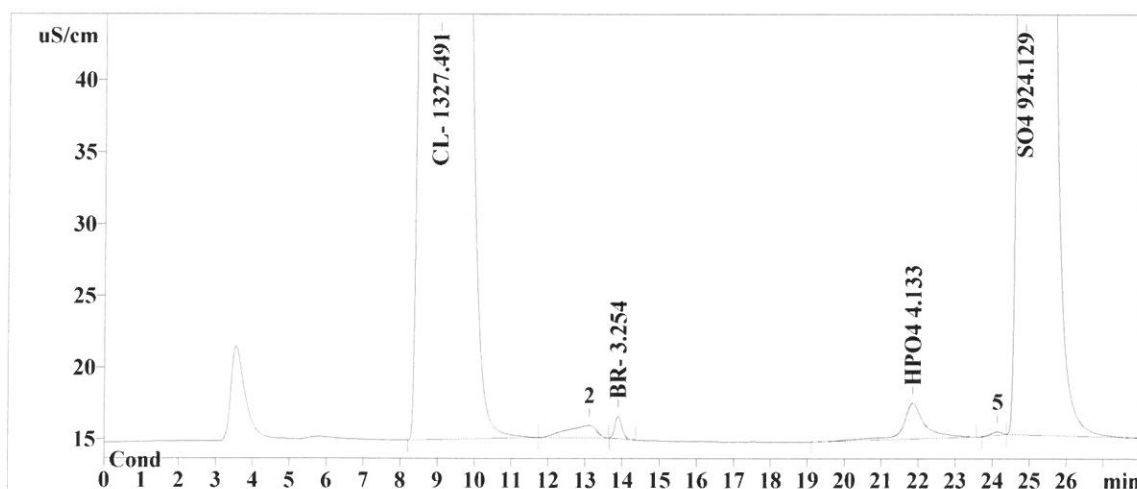
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Analysis from: 4/2/2018 12:30:40 PM
File: _2018-04-02_

Last save: 4/2/2018 12:58:28 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61694

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	9.04	0.852	420.18	54.35	21835.070	64.39	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.89	0.202	1.57	0.20	20.569	0.06	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	21.85	0.469	2.49	0.32	103.643	0.31	0.
7	24.84	0.514	347.74	44.98	11898.510	35.09	0.
7	28.00	0.291	771.98	99.86	33857.793	99.84	0.

This report has been created by IC Net
METROHM LTD

Report date: 4/3/2018 10:14:55 AM
 Printed by: wet

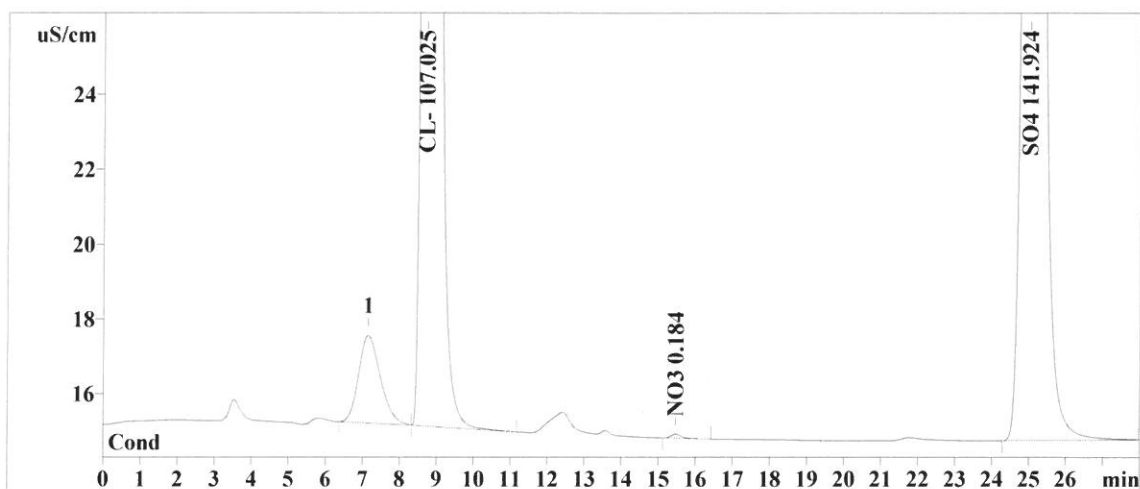
Ident: J2173-02
 Analysis from: 4/2/2018 1:01:35 PM
 File: _2018-04-02_

Last save: 4/3/2018 10:14:50 AM

Method: ANIONS 03-19-18.mtw
 Run operator: wet
 Analysis number: 61695

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	8.71	0.420	66.84	50.84	1758.766	47.83	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	15.46	0.290	0.11	0.08	2.188	0.06	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.00	0.444	62.17	47.29	1820.123	49.50	0.
7	28.00	0.165	129.12	98.21	3581.077	97.39	0.

This report has been created by IC Net
 METROHM LTD

Report date: 4/3/2018 10:17:27 AM
Printed by: wet

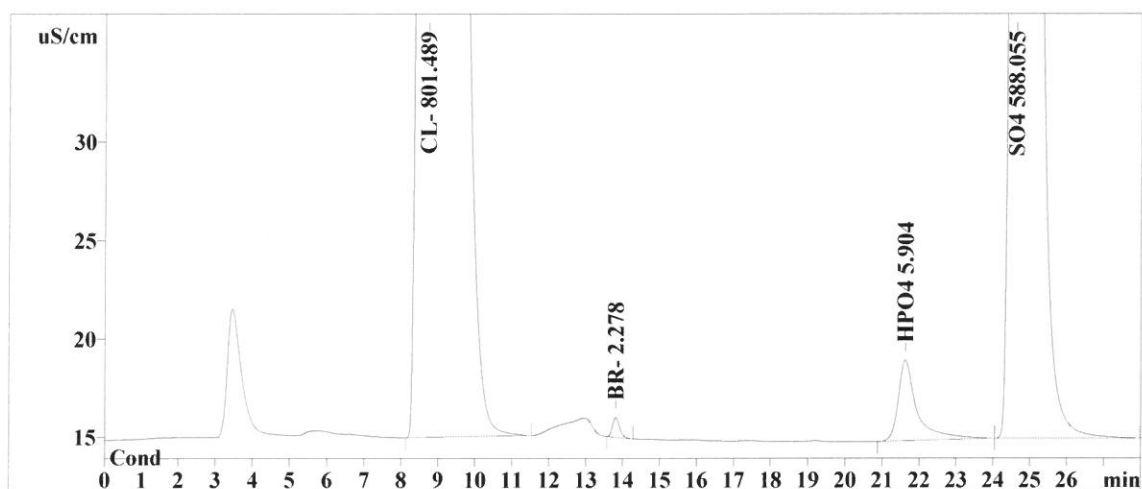
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Analysis from: 4/2/2018 1:32:29 PM
File: _2018-04-02_

Last save: 4/3/2018 10:17:20 AM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61696

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	8.72	0.874	255.35	51.82	13182.502	63.04	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.81	0.208	0.99	0.20	13.297	0.06	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	21.62	0.434	4.10	0.83	145.712	0.70	0.
7	24.62	0.498	232.28	47.14	7568.336	36.20	0.
7	28.00	0.288	492.73	100.00	20909.847	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 4/3/2018 10:25:25 AM
 Printed by: wet

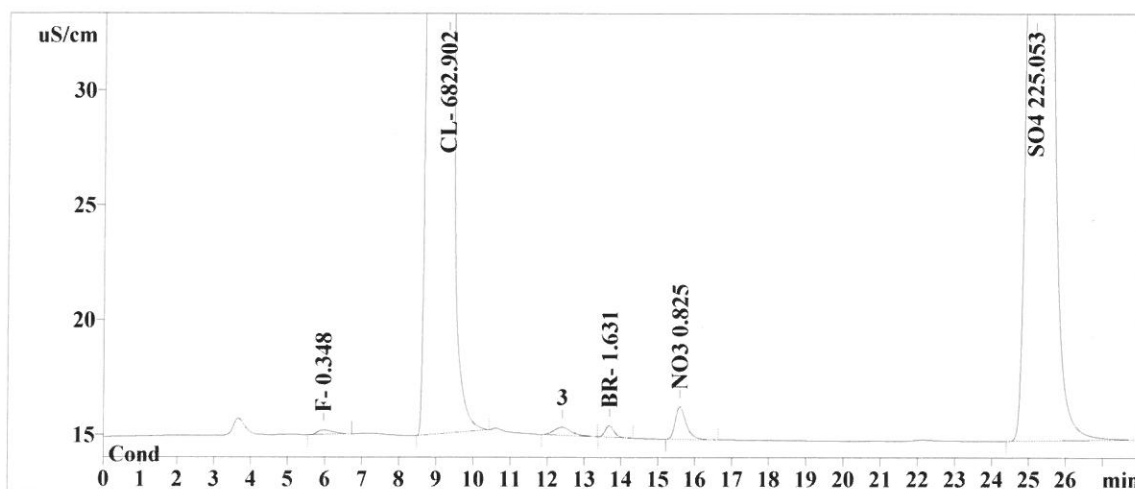
Ident: J2187-01
 Analysis from: 4/2/2018 2:03:24 PM
 File: _2018-04-02_

Last save: 4/3/2018 10:25:24 AM

Method: ANIONS 03-19-18.mtw
 Run operator: wet
 Analysis number: 61697

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	5.97	0.489	0.19	0.04	5.935	0.04	0.
2	9.29	0.434	436.48	81.98	11231.777	79.22	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.68	0.257	0.50	0.09	8.473	0.06	0.
5	15.59	0.308	1.41	0.26	29.253	0.21	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.15	0.472	93.03	17.47	2891.195	20.39	0.
7	28.00	0.280	531.61	99.85	14166.634	99.92	0.

This report has been created by IC Net
 METROHM LTD

Report date: 4/3/2018 10:25:50 AM
Printed by: wet

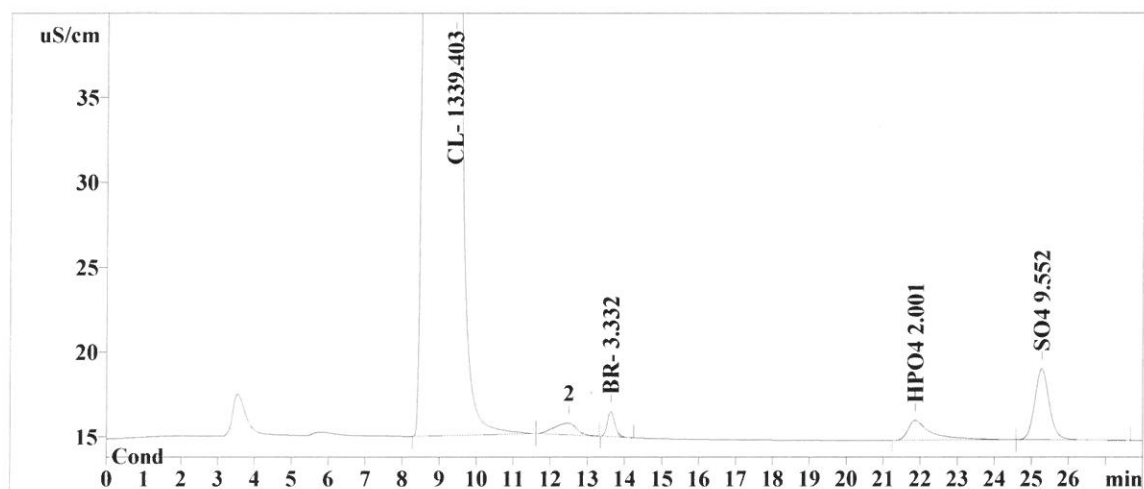
Ident: J2173-04
Analysis from: 4/2/2018 2:34:18 PM
File: _2018-04-02_

Last save: 4/2/2018 3:02:08 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61698

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	9.40	0.653	580.84	98.68	22031.023	99.02	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.63	0.218	1.47	0.25	21.149	0.10	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	21.87	0.545	1.18	0.20	52.988	0.24	0.
7	25.27	0.410	4.19	0.71	114.556	0.51	0.
7	28.00	0.261	587.69	99.84	22219.716	99.87	0.

This report has been created by IC Net
METROHM LTD

Report date: 4/3/2018 10:33:34 AM
Printed by: wet

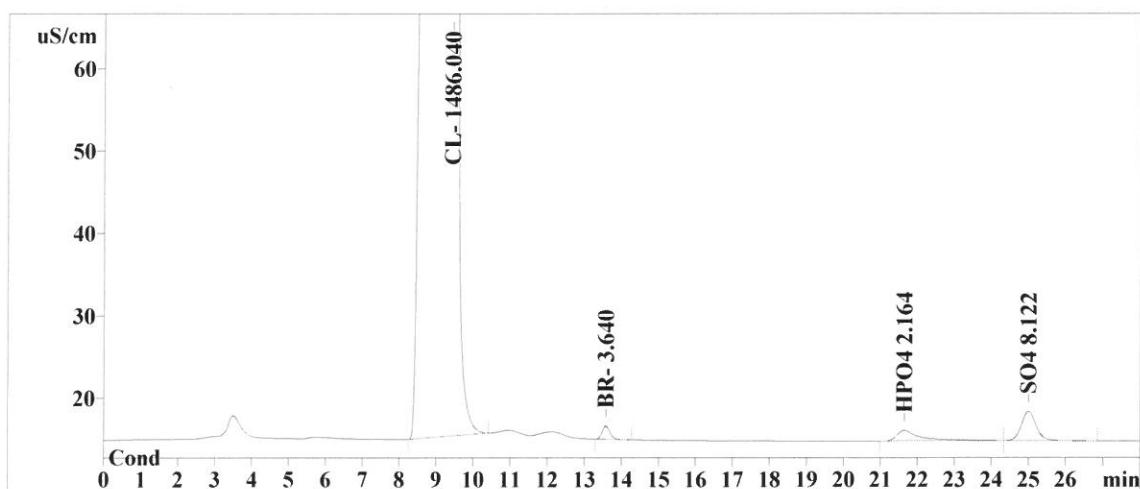
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Analysis from: 4/2/2018 4:16:57 PM
File: _2018-04-02_

Last save: 4/3/2018 10:33:30 AM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61701

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

SAMPLE:
:
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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.43	0.710	598.29	98.91	24443.152	99.28	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.58	0.218	1.63	0.27	23.439	0.10	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	21.64	0.526	1.29	0.21	56.856	0.23	0.
7	25.00	0.409	3.54	0.59	96.135	0.39	0.
7	28.00	0.266	604.75	99.98	24619.583	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 4/3/2018 10:35:48 AM
Printed by: wet

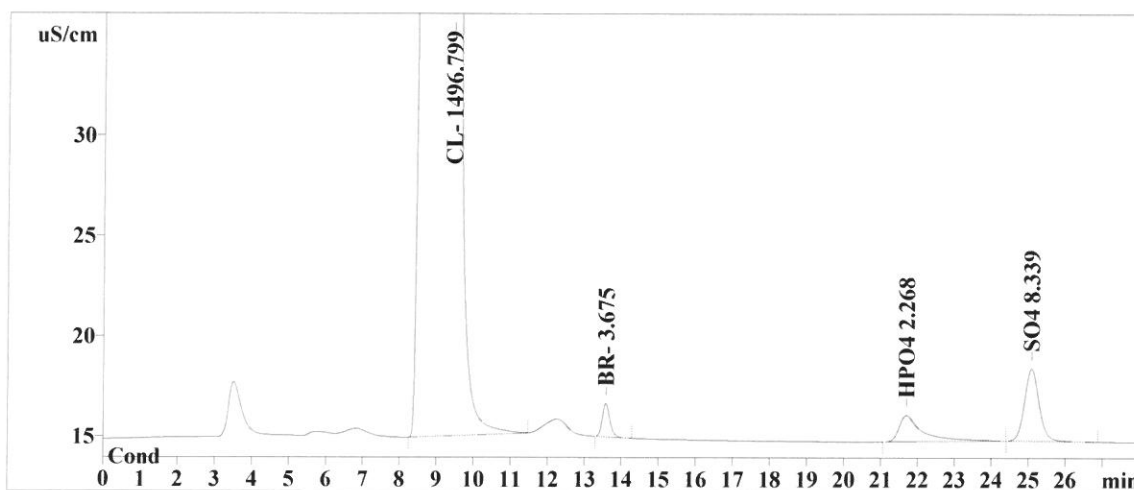
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Analysis from: 4/2/2018 4:47:51 PM
File: _2018-04-02_

Last save: 4/3/2018 10:35:44 AM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61702

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	9.44	0.711	601.73	98.89	24620.142	99.27	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.58	0.216	1.66	0.27	23.701	0.10	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	21.69	0.539	1.31	0.22	59.324	0.24	0.
7	25.08	0.414	3.60	0.59	98.924	0.40	0.
7	28.00	0.269	608.31	99.97	24802.091	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 4/3/2018 10:37:45 AM
Printed by: wet

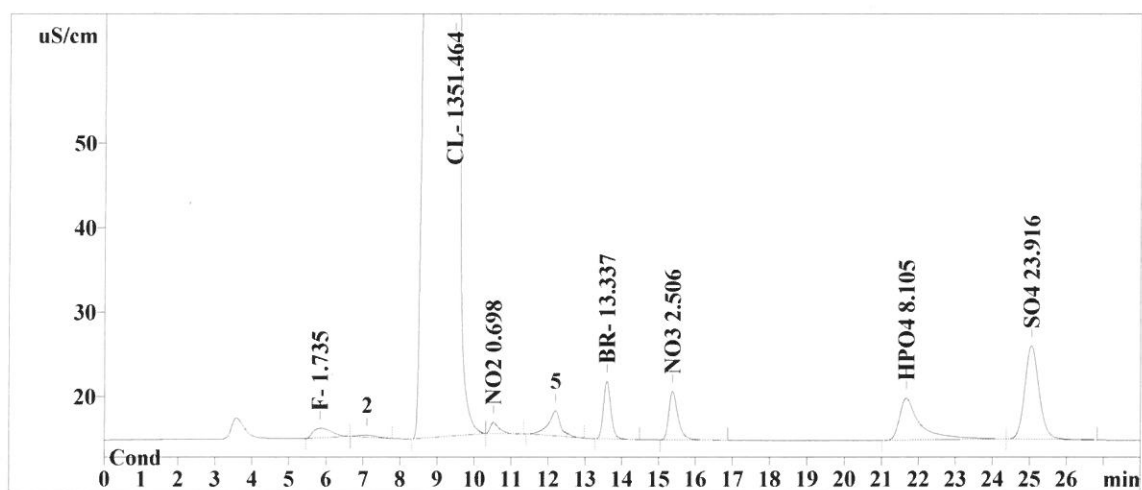
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Analysis from: 4/2/2018 5:18:46 PM
File: _2018-04-02_

Last save: 4/2/2018 5:46:34 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61703

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

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.83	0.572	1.13	0.18	39.466	0.17	0.
2	9.44	0.660	583.30	94.41	22229.417	96.38	0.
3	10.52	0.241	1.32	0.21	22.095	0.10	0.
4	13.59	0.211	6.84	1.11	95.673	0.41	0.
5	15.37	0.255	5.76	0.93	100.272	0.43	0.
6	21.66	0.474	5.00	0.81	198.006	0.86	0.
7	25.05	0.408	11.08	1.79	299.637	1.30	0.
7	28.00	0.403	614.41	99.45	22984.566	99.65	0.

This report has been created by IC Net
METROHM LTD

Report date: 4/3/2018 10:40:32 AM
Printed by: wet

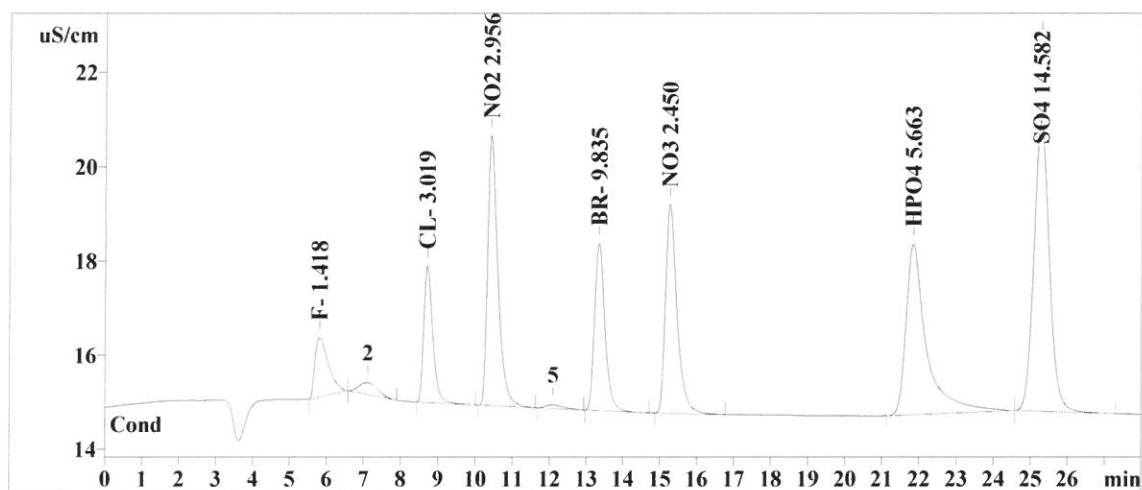
Ident: CCV
Analysis from: 4/2/2018 5:49:40 PM
File: _2018-04-02_

Last save: 4/2/2018 6:17:30 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61704

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	5.81	0.386	1.26	4.50	31.805	4.62	0.
2	8.70	0.247	2.89	10.32	47.901	6.96	0.
3	10.42	0.283	5.73	20.47	109.992	15.98	0.
4	13.33	0.293	3.55	12.70	69.591	10.11	0.
5	15.25	0.325	4.44	15.86	97.911	14.23	0.
6	21.83	0.492	3.62	12.93	139.997	20.34	0.
7	25.26	0.438	6.16	22.02	179.363	26.06	0.
7	28.00	0.352	27.65	98.79	676.560	98.30	0.

This report has been created by IC Net
METROHM LTD

Report date: 4/3/2018 10:40:56 AM
Printed by: wet

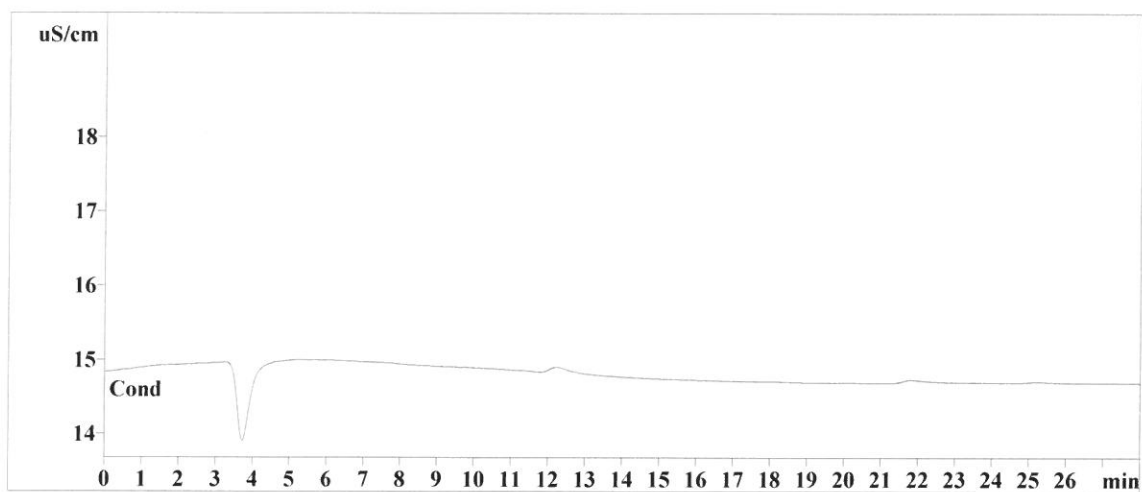
Ident: CCB
Analysis from: 4/2/2018 6:20:35 PM
File: _2018-04-02_

Last save: 4/3/2018 10:40:54 AM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61705

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: 4/3/2018 10:45:37 AM
Printed by: wet

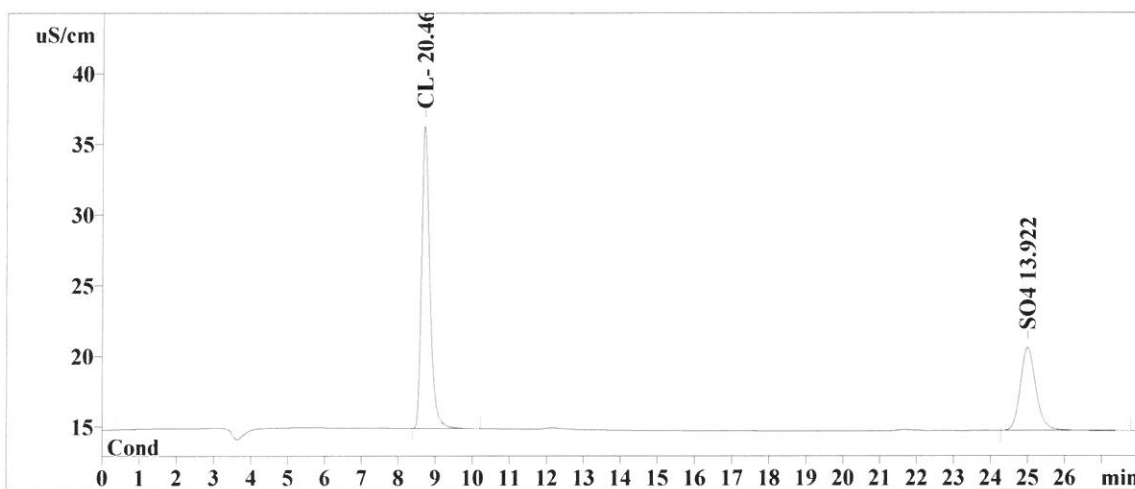
Ident: J2173-01DLX50
Analysis from: 4/2/2018 6:51:29 PM
File: _2018-04-02_

Last save: 4/3/2018 10:45:38 AM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61706

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	8.70	0.231	21.37	78.46	334.818	66.21	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	25.00	0.436	5.87	21.55	170.866	33.79	0.
7	28.00	0.095	27.24	100.01	505.683	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 4/3/2018 10:46:18 AM
Printed by: wet

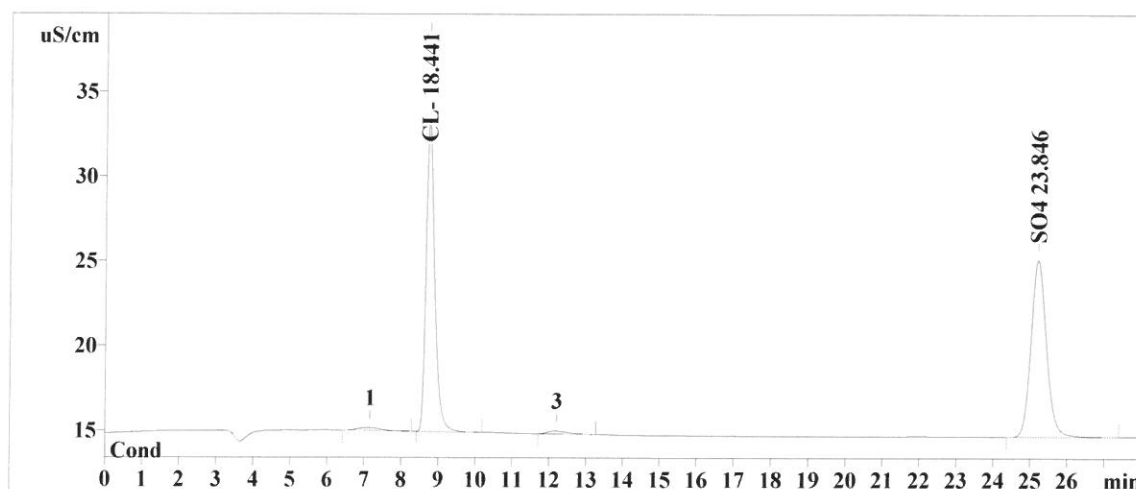
Ident: J2173-02DLX5
Analysis from: 4/2/2018 7:22:24 PM
File: _2018-04-02_

Last save: 4/2/2018 7:50:12 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61707

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	8.73	0.243	18.37	63.01	301.585	49.06	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	25.20	0.429	10.42	35.73	298.727	48.59	0.
7	28.00	0.096	28.79	98.74	600.312	97.65	0.

This report has been created by IC Net
METROHM LTD

Report date: 4/3/2018 10:46:42 AM
Printed by: wet

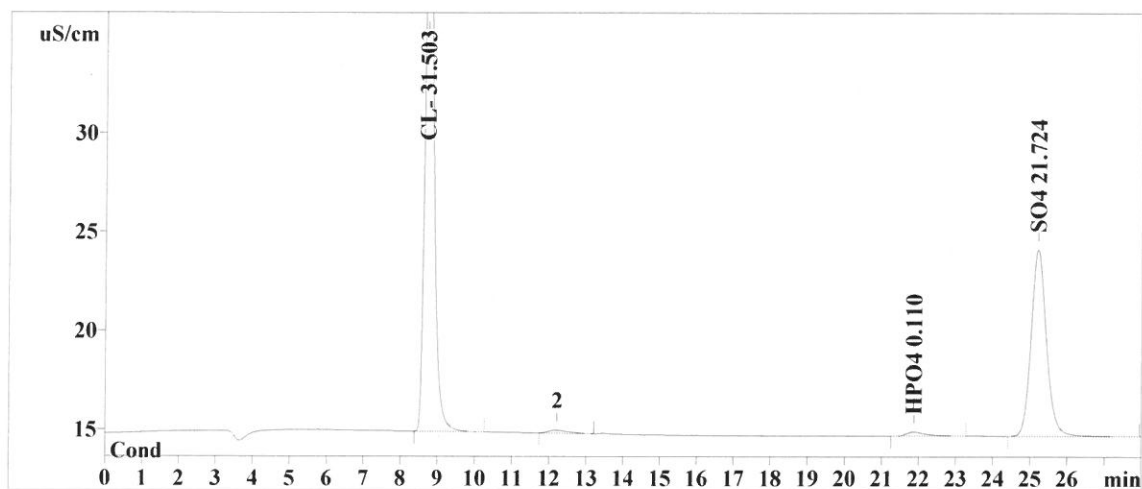
Ident: J2173-03DLX20
Analysis from: 4/2/2018 7:53:18 PM
File: _2018-04-02_

Last save: 4/2/2018 8:21:08 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61708

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

SAMPLE:
: AK/AP
Vial number: 16
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	0.239	32.08	76.61	516.460	64.44	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	21.87	0.527	0.21	0.50	8.060	1.01	0.
7	25.20	0.429	9.43	22.52	271.386	33.86	0.
7	28.00	0.171	41.73	99.64	795.906	99.31	0.

This report has been created by IC Net
METROHM LTD

Report date: 4/3/2018 10:47:00 AM
Printed by: wet

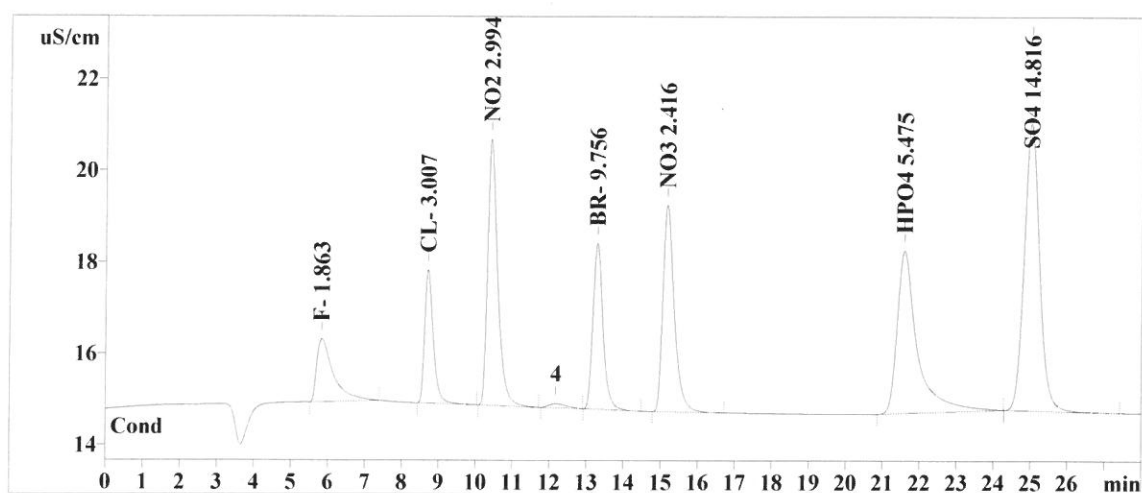
Ident: CCV
Analysis from: 4/2/2018 8:24:13 PM
File: _2018-04-02_

Last save: 4/2/2018 8:52:02 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61709

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	5.83	0.426	1.37	4.87	42.567	6.19	0.
2	8.70	0.243	2.91	10.34	47.705	6.93	0.
3	10.41	0.283	5.81	20.63	111.468	16.20	0.
4	13.28	0.285	3.63	12.88	68.995	10.03	0.
5	15.16	0.315	4.51	16.03	96.489	14.02	0.
6	21.58	0.488	3.56	12.62	135.520	19.69	0.
7	25.00	0.436	6.28	22.30	182.378	26.50	0.
7	28.00	0.354	28.06	99.67	685.122	99.56	0.

This report has been created by IC Net
METROHM LTD

Report date: 4/3/2018 10:47:35 AM
Printed by: wet

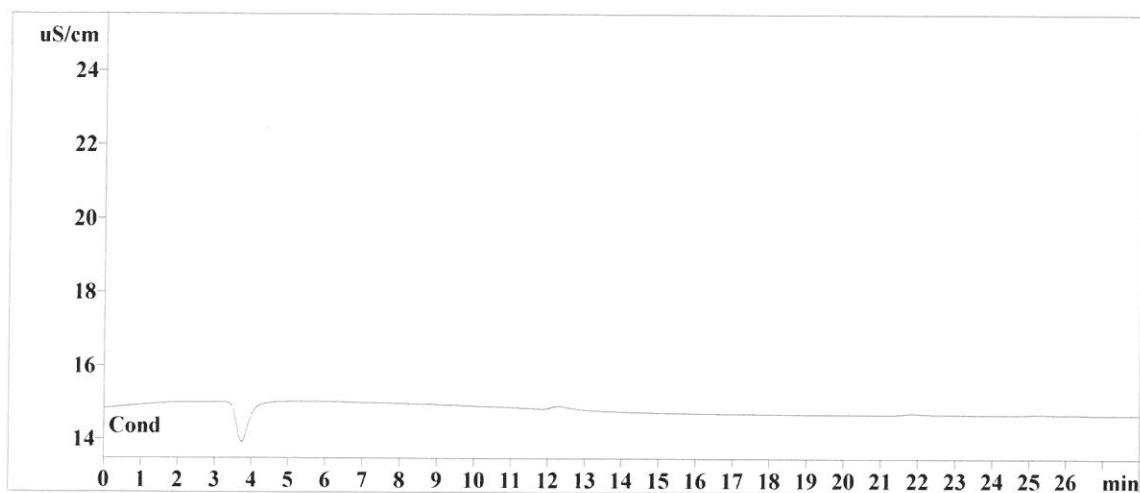
Ident: CCB
Analysis from: 4/2/2018 8:55:07 PM
File: _2018-04-02_

Last save: 4/3/2018 10:47:26 AM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61710

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

SAMPLE:
:
Vial number: 3
Volume: 20.0 μ L
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No peaks

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