

M300.0

IC-4

7-14-17 AK

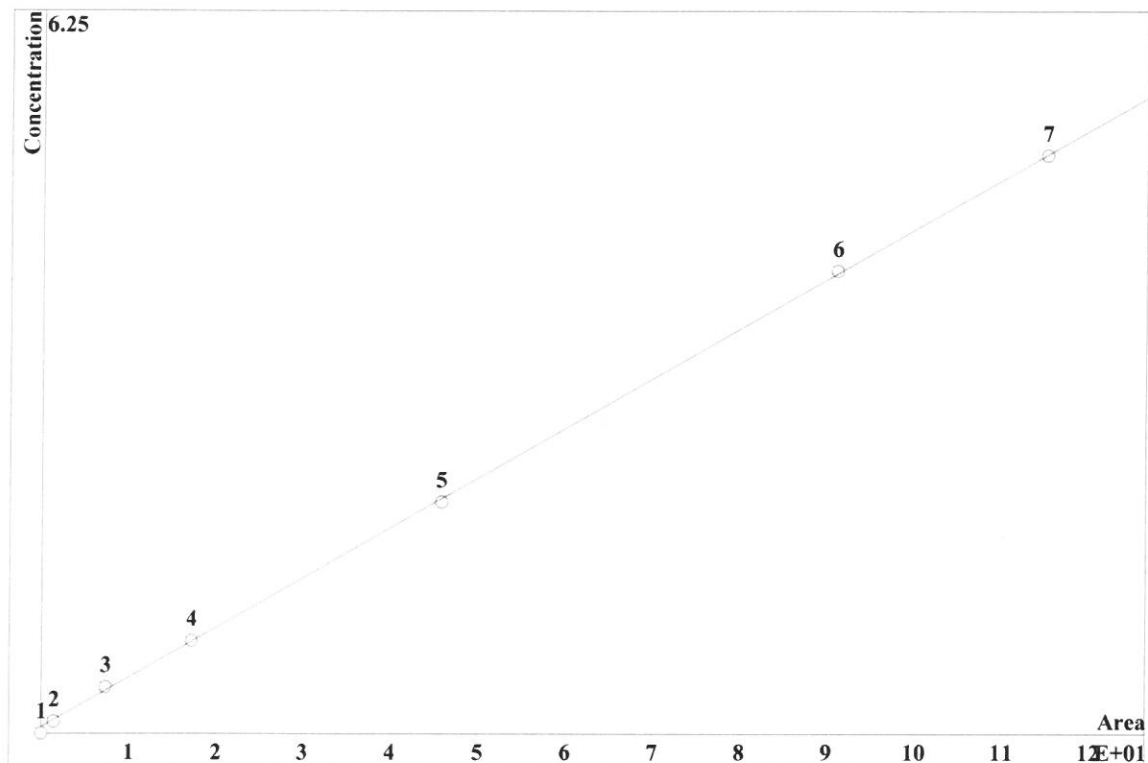
Clear table

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	2017-07-11_	7/11/17 10:41
STD2	0.1180	0.2030	0.2310	0.5890	0.1680	0.0270	1.1600	2017-07-11_	7/11/17 11:10
STD3	0.3720	0.6110	0.6240	2.0280	0.5170	0.9480	3.1350	2017-07-11_	7/11/17 11:39
STD4	0.7960	1.1730	1.1580	3.9610	0.9930	2.2080	5.8440	2017-07-11_	7/11/17 12:08
STD5	2.0290	2.9370	2.8980	9.8240	2.4170	5.1920	14.3810	2017-07-11_	7/11/17 12:37
STD6	3.9780	5.9980	5.9920	20.1380	4.9970	9.9380	29.9690	2017-07-11_	7/11/17 13:06
STD7	5.0080	7.5280	7.5480	24.9600	6.2820	12.4370	37.7610	2017-07-11_	7/11/17 13:35
ICV	2.0900	2.9830	3.0120	10.2660	2.5270	5.3330	14.7140	2017-07-11_	7/11/17 15:03
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-07-11_	7/11/17 15:32
CCV	1.9520	2.9800	2.9020	10.0060	2.4670	5.2200	14.3730	2017-07-11_	7/11/17 18:25
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-07-11_	7/11/17 18:54
LB88713BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-07-11_	7/11/17 19:23
LB88713BSW	2.1050	2.9810	3.0090	10.2100	2.5180	5.3590	14.7080	2017-07-11_	7/11/17 19:52
I4047-01	0.0750	0.0810	0.1480	0.2470	0.0000	-0.1630	0.6350	2017-07-11_	7/11/17 20:21
I4047-02	0.0810	0.0790	0.1490	0.2840	0.0000	-0.1730	0.6250	2017-07-11_	7/11/17 20:50
I4047-03	0.0860	0.0820	0.1450	0.2590	0.0000	-0.1540	0.6520	2017-07-11_	7/11/17 21:19
I4047-04	0.0880	0.0740	0.1480	0.2620	0.0000	-0.1670	0.6380	2017-07-11_	7/11/17 21:48
I4047-05	0.0770	0.0850	0.1480	0.2690	0.0000	-0.1960	0.6390	2017-07-11_	7/11/17 22:17
I4047-06	0.0840	0.0820	0.1470	0.2220	0.0000	-0.1820	0.6380	2017-07-11_	7/11/17 22:46
I4047-07	0.0900	0.0790	0.1510	0.2360	0.0000	-0.2050	0.6240	2017-07-11_	7/11/17 23:15
I4047-07	0.0850	0.0780	0.1490	0.2540	0.0000	-0.1770	0.6480	2017-07-11_	7/11/17 23:43
CCV	2.0920	2.9800	2.9130	9.9340	2.5110	5.1280	14.5870	2017-07-12_	7/12/17 0:12
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-07-12_	7/12/17 0:41

IC-1
7-11-17

CALIBRATION OF COMPONENT F-

Method: ANIONS 07-11-17.mtw
Equation: $Q = 0.861053 \cdot A + 1.10647$
RSD: 1.232 %
Correlation coefficient: 0.999938

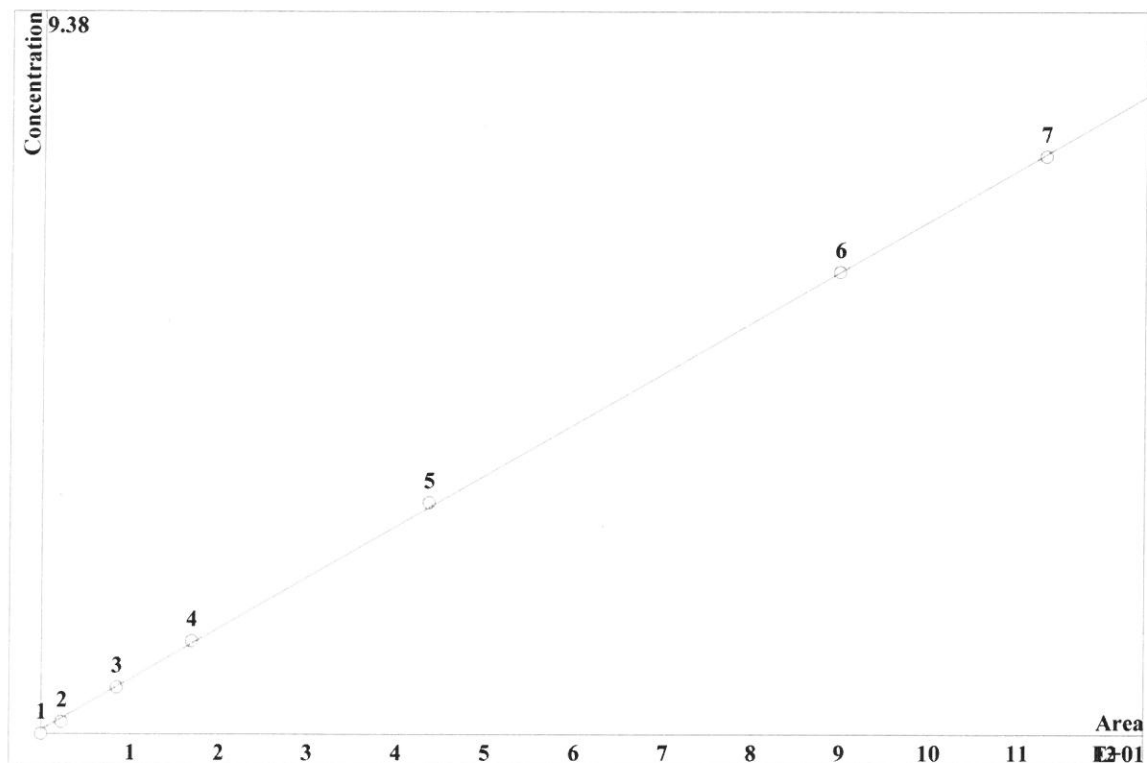


K3 = 0 K2 = 0 K1 = 0.861053 K0 = 1.10647
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0	No	
2	0.06832	1.446	0.1	20	5.72	Yes	
3	0.3217	7.345	0.4	20	5.72	Yes	
4	0.7336	17.2	0.8	20	5.72	Yes	
5	1.996	45.84	2	20	5.72	Yes	
6	4.193	91.1	4	20	5.72	Yes	
7	5.265	115	5	20	5.72	Yes	

CALIBRATION OF COMPONENT CL-

Method: ANIONS 07-11-17.mtw
 Equation: $Q = 1.32378 \cdot A + 1.02533$
 RSD: 1.499 %
 Correlation coefficient: 0.999908

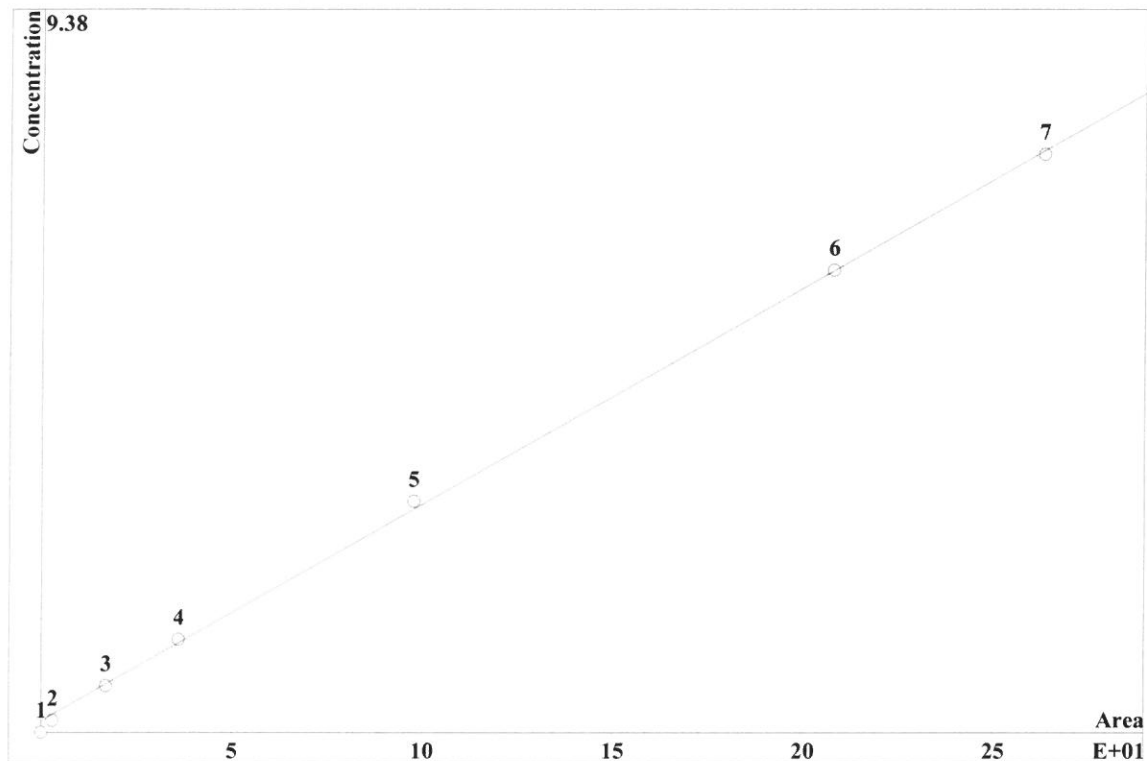


K3 = 0 K2 = 0 K1 = 1.32378 K0 = 1.02533
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0	No	
2	0.1087	2.297	0.15	20	8.411	Yes	
3	0.4389	8.457	0.6	20	8.411	Yes	
4	0.8963	16.94	1.2	20	8.411	Yes	
5	2.313	43.6	3	20	8.411	Yes	
6	4.834	89.84	6	20	8.411	Yes	
7	6.056	113	7.5	20	8.411	Yes	

CALIBRATION OF COMPONENT NO2

Method: ANIONS 07-11-17.mtw
 Equation: $Q = 0.562432 \cdot A + 2.94942$
 RSD: 2.396 %
 Correlation coefficient: 0.999766

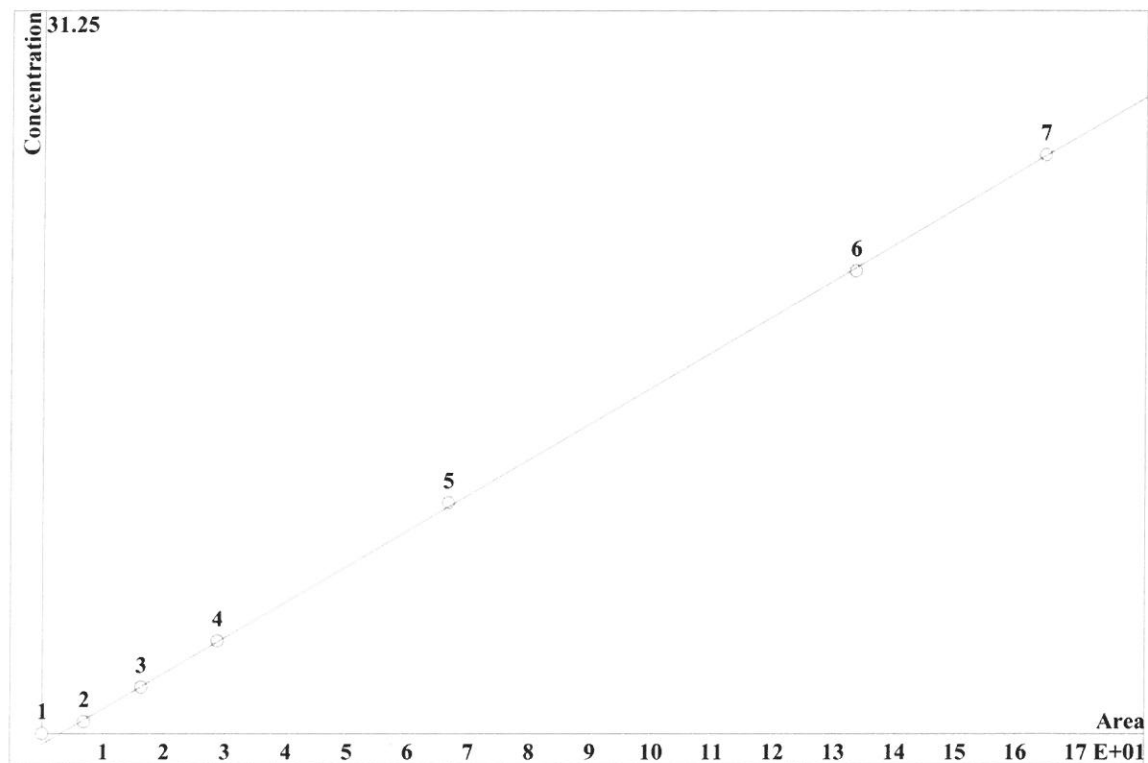


K3 = 0 K2 = 0 K1 = 0.562432 K0 = 2.94942
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.1363	2.964	0.15	20	9.95	Yes	
3	0.7893	16.95	0.6	20	9.95	Yes	
4	1.72	35.93	1.2	20	9.95	Yes	
5	4.769	97.8	3	20	9.95	Yes	
6	10.21	207.8	6	20	9.95	Yes	
7	12.73	263.2	7.5	20	9.95	Yes	

CALIBRATION OF COMPONENT BR-

Method: ANIONS 07-11-17.mtw
 Equation: $Q = 3.08748 \cdot A - 9.48858$
 RSD: 1.211 %
 Correlation coefficient: 0.999940

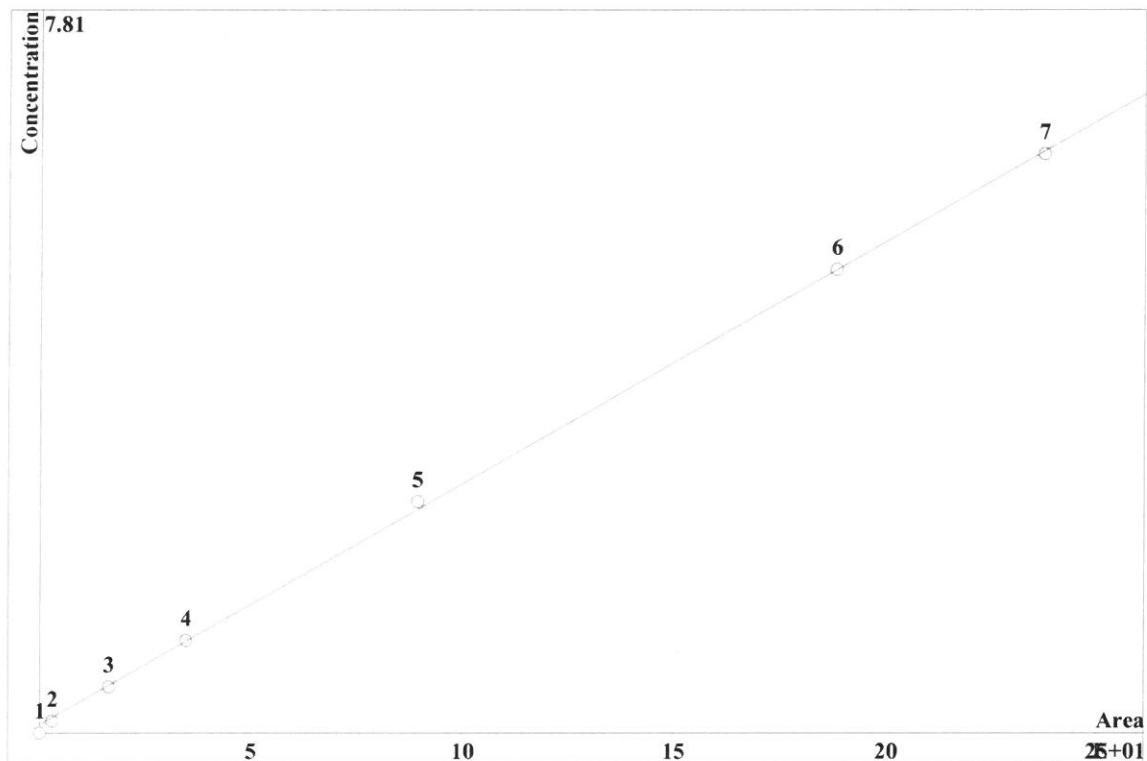


K3 = 0 K2 = 0 K1 = 3.08748 K0 = -9.48858
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0	No	
2	0.1874	6.887	0.5	20	12.61	Yes	
3	0.4669	16.21	2	20	12.61	Yes	
4	0.8161	28.73	4	20	12.61	Yes	
5	1.778	66.71	10	20	12.61	Yes	
6	3.237	133.5	20	20	12.61	Yes	
7	3.857	164.8	25	20	12.61	Yes	

CALIBRATION OF COMPONENT NO3

Method: ANIONS 07-11-17.mtw
 Equation: $Q = 0.521641 \cdot A + 1.78354$
 RSD: 1.957 %
 Correlation coefficient: 0.999844



K3 = 0 K2 = 0 K1 = 0.521641 K0 = 1.78354

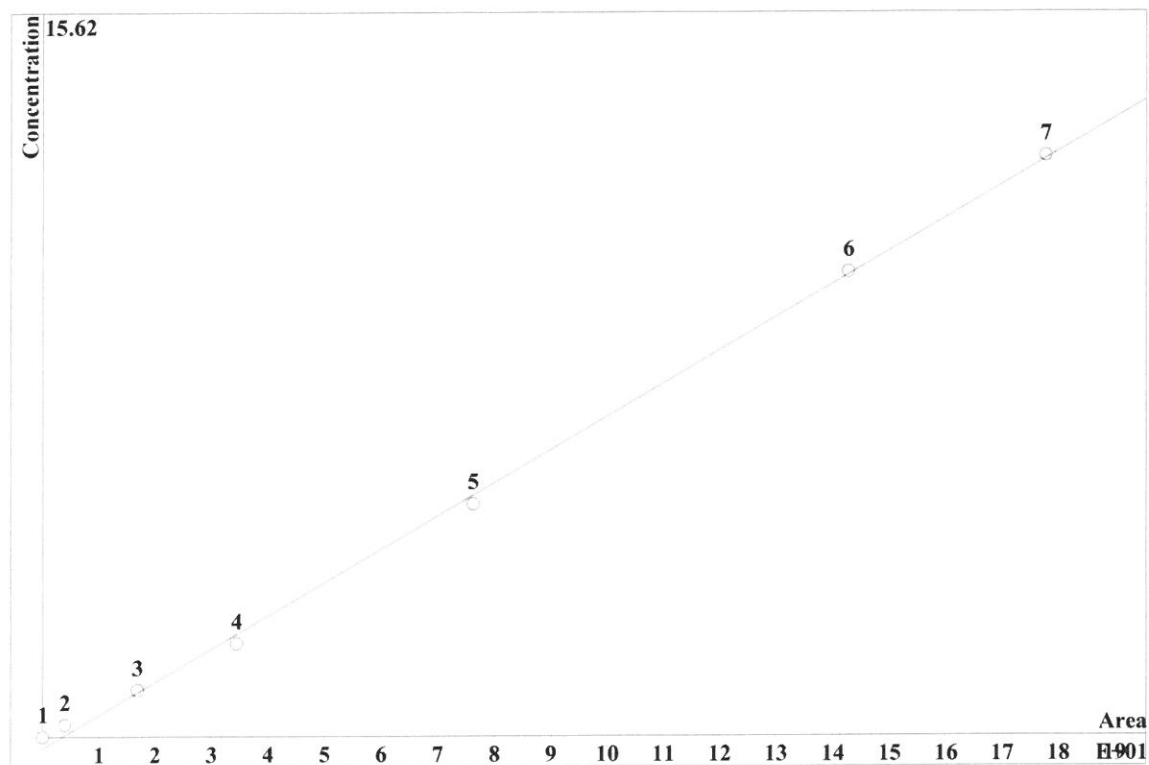
Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.1166	3.012	0.125	20	14.11	Yes	
3	0.637	16.42	0.5	20	14.11	Yes	
4	1.334	34.64	1	20	14.11	Yes	
5	3.498	89.27	2.5	20	14.11	Yes	
6	7.391	188.2	5	20	14.11	Yes	
7	9.285	237.5	6.25	20	14.11	Yes	

±□;

CALIBRATION OF COMPONENT HPO4

Method: ANIONS 07-11-17.mtw
 Equation: $Q = 1.42734 \cdot A - 5.10864$
 RSD: 3.656 %
 Correlation coefficient: 0.999454

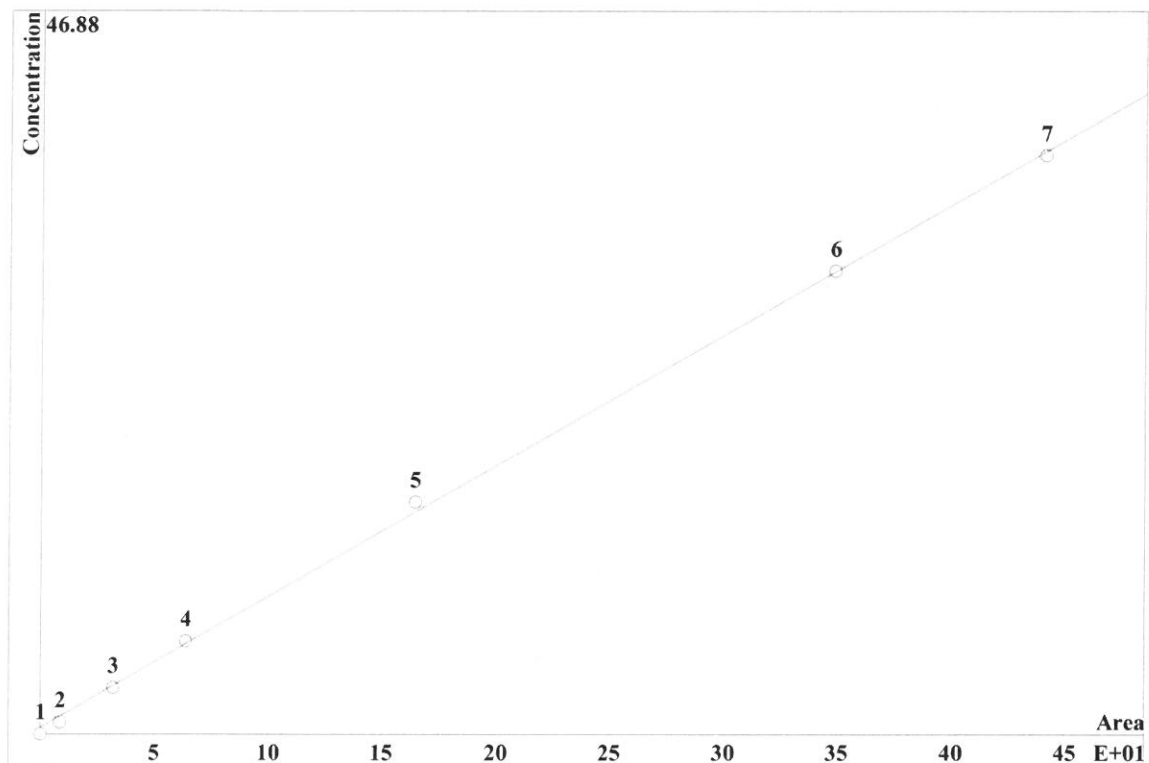


K3 = 0 K2 = 0 K1 = 1.42734 K0 = -5.10864
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1		0	0	0	0		No
2	0.06101	3.957	0.25	20	20.8	Yes	
3	0.2755	16.87	1	20	20.8	Yes	
4	0.5854	34.51	2	20	20.8	Yes	
5	1.384	76.34	5	20	20.8	Yes	
6	2.746	142.8	10	20	20.8	Yes	
7	3.493	177.8	12.5	20	20.8	Yes	

CALIBRATION OF COMPONENT SO4

Method: ANIONS 07-11-17.mtw
 Equation: $Q = 1.69309 \cdot A + 8.53567$
 RSD: 2.648 %
 Correlation coefficient: 0.999714



K3 = 0 K2 = 0 K1 = 1.69309 K0 = 8.53567
 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	8.665	0.75	20	23.28	Yes	
3	0.8445	32	3	20	23.28	Yes	
4	1.728	63.99	6	20	23.28	Yes	
5	4.535	164.8	15	20	23.28	Yes	
6	9.788	349	30	20	23.28	Yes	
7	12.4	441	37.5	20	23.28	Yes	

Report date: 7/11/2017 2:05:17 PM
Printed by: wet

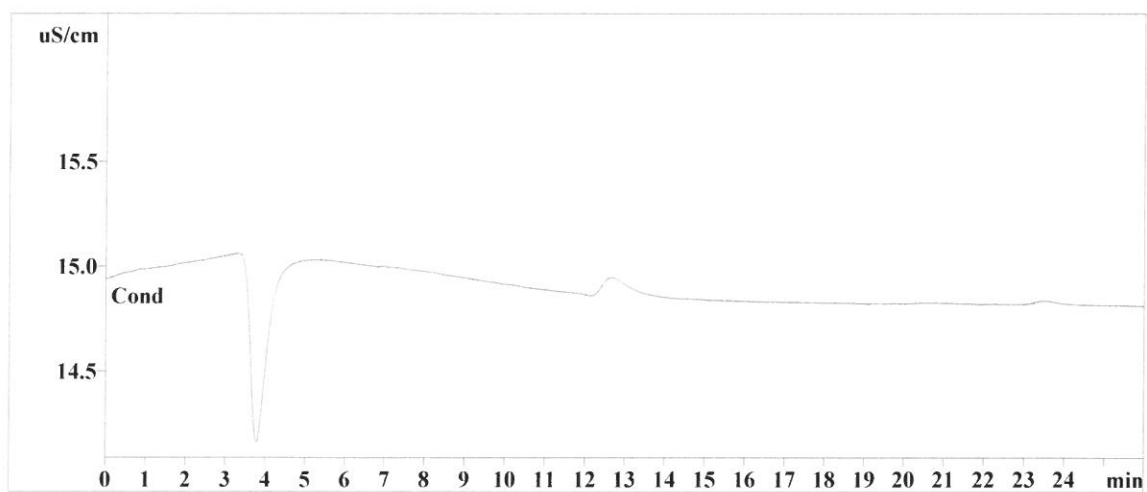
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File: _2017-07-11_

Last save: 7/11/2017 2:04:14 PM

Method: ANIONS 07-11-17.mtw
Run operator: wet
Analysis number: 58337

Last save: 7/11/2017 9:41:46 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: 7/11/2017 2:05:25 PM
Printed by: wet

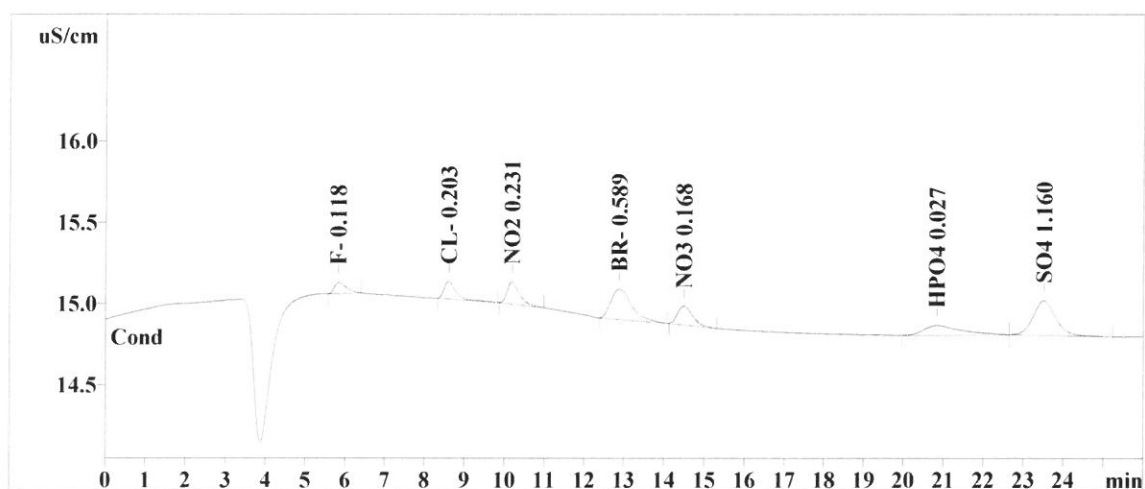
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File: _2017-07-11_

Last save: 7/11/2017 2:04:14 PM

Method: ANIONS 07-11-17.mtw
Run operator: wet
Analysis number: 58338

Last save: 7/11/2017 9:41:46 AM

SAMPLE:
: AP/AK
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	5.83	0.328	0.07	7.59	1.446	4.95	0.
2	8.59	0.298	0.11	12.10	2.297	7.86	0.
3	10.19	0.324	0.14	15.22	2.964	10.14	0.
4	12.89	0.548	0.19	20.90	6.887	23.56	0.
5	14.49	0.400	0.12	13.00	3.012	10.30	0.
6	20.82	0.957	0.06	6.73	3.957	13.54	0.
7	23.51	0.598	0.21	24.00	8.665	29.65	0.
7	26.00	0.493	0.89	99.54	29.228	100.00	0.

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Report date: 7/11/2017 2:05:31 PM
Printed by: wet

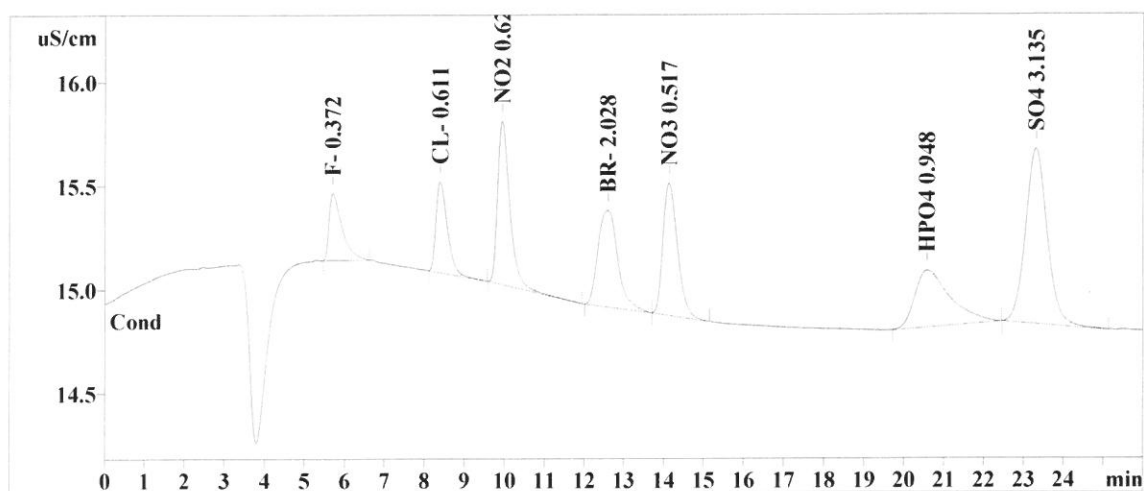
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Analysis from: 7/11/2017 11:39:50 AM
File: _2017-07-11_

Last save: 7/11/2017 2:04:14 PM

Method: ANIONS 07-11-17.mtw
Run operator: wet
Analysis number: 58339

Last save: 7/11/2017 9:41:46 AM

SAMPLE:
: AP/AK
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	5.72	0.332	0.32	8.52	7.345	6.43	0.
2	8.40	0.288	0.44	11.62	8.457	7.40	0.
3	9.94	0.312	0.79	20.90	16.948	14.84	0.
4	12.60	0.530	0.47	12.36	16.210	14.19	0.
5	14.13	0.398	0.64	16.86	16.416	14.37	0.
6	20.58	0.901	0.27	7.28	16.866	14.76	0.
7	23.31	0.569	0.84	22.37	31.996	28.01	0.
7	26.00	0.476	3.77	99.93	114.237	100.00	0.

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Report date: 7/11/2017 2:05:36 PM
Printed by: wet

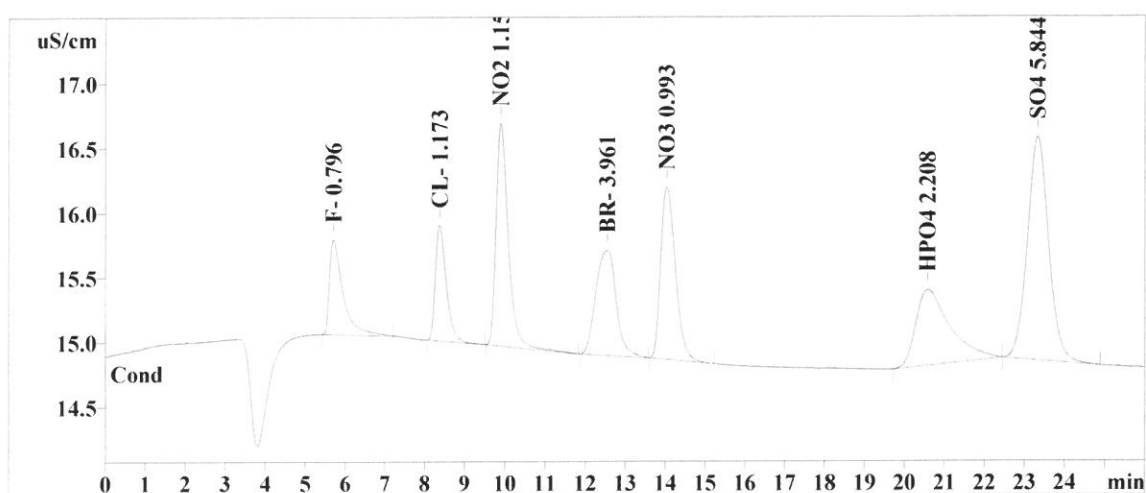
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File: _2017-07-11_

Last save: 7/11/2017 2:04:14 PM

Method: ANIONS 07-11-17.mtw
Run operator: wet
Analysis number: 58340

Last save: 7/11/2017 9:41:46 AM

SAMPLE:
: AP/AK
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	5.71	0.318	0.73	9.38	17.201	7.42	0.
2	8.38	0.283	0.90	11.46	16.942	7.30	0.
3	9.90	0.305	1.72	22.01	35.927	15.49	0.
4	12.56	0.550	0.82	10.44	28.734	12.39	0.
5	14.03	0.402	1.33	17.07	34.641	14.93	0.
6	20.59	0.852	0.59	7.49	34.514	14.88	0.
7	23.33	0.560	1.73	22.12	63.986	27.59	0.
7	26.00	0.467	7.81	99.96	231.946	100.00	0.

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Report date: 7/11/2017 2:05:45 PM
Printed by: wet

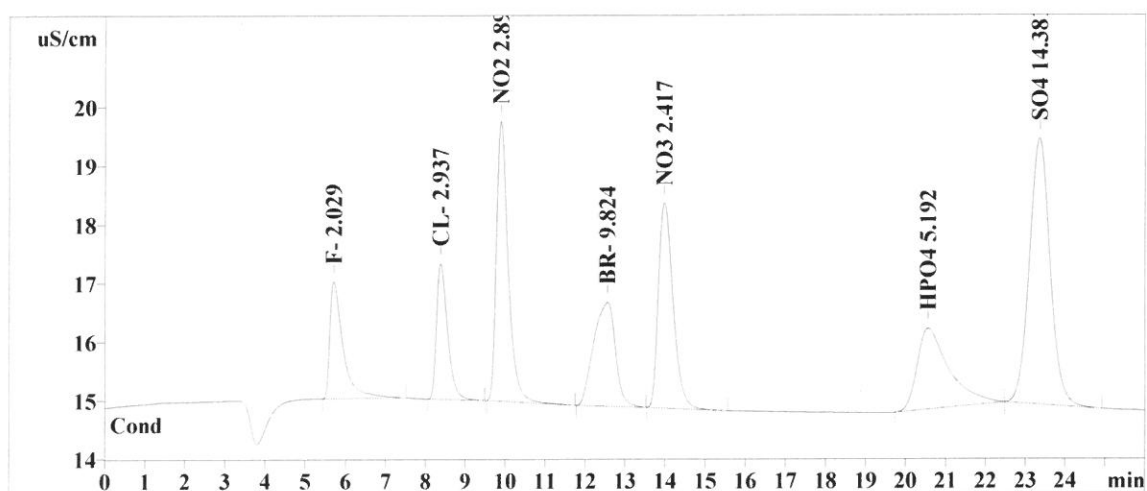
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File: _2017-07-11_

Last save: 7/11/2017 2:04:14 PM

Method: ANIONS 07-11-17.mtw
Run operator: wet
Analysis number: 58341

Last save: 7/11/2017 9:41:46 AM

SAMPLE:
: AP/AK
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	5.71	0.311	2.00	9.85	45.845	7.84	0.
2	8.38	0.281	2.31	11.41	43.598	7.46	0.
3	9.89	0.301	4.77	23.52	97.796	16.73	0.
4	12.57	0.607	1.78	8.77	66.713	11.42	0.
5	13.98	0.392	3.50	17.26	89.266	15.28	0.
6	20.56	0.782	1.38	6.83	76.335	13.06	0.
7	23.35	0.551	4.53	22.37	164.838	28.21	0.
7	26.00	0.461	20.27	99.99	584.391	100.00	0.

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Report date: 7/11/2017 2:05:52 PM
Printed by: wet

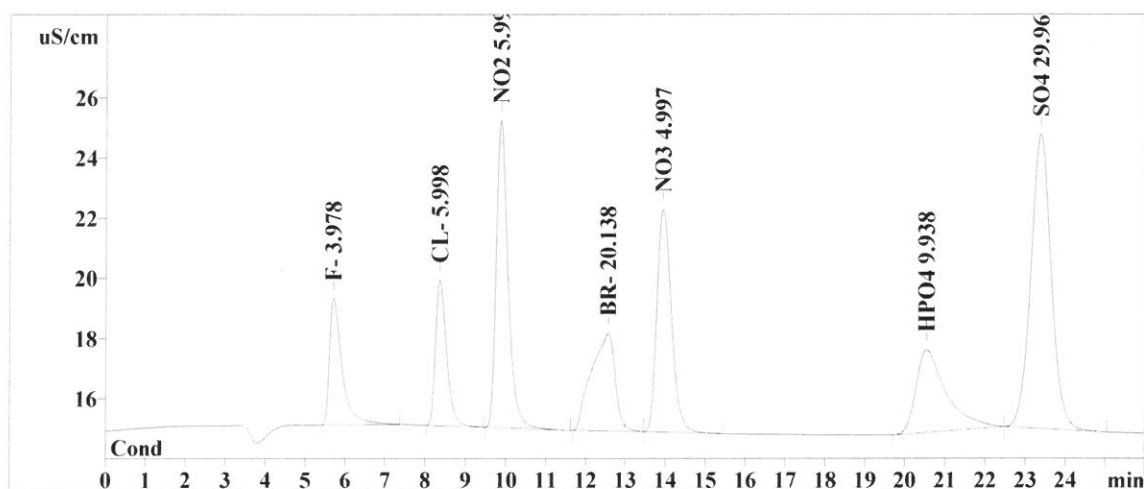
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File: _2017-07-11_

Last save: 7/11/2017 2:04:14 PM

Method: ANIONS 07-11-17.mtw
Run operator: wet
Analysis number: 58342

Last save: 7/11/2017 9:41:46 AM

SAMPLE:
: AP/AK
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	5.71	0.302	4.19	9.89	91.104	7.58	0.
2	8.36	0.277	4.83	11.40	89.840	7.47	0.
3	9.87	0.301	10.21	24.08	207.829	17.29	0.
4	12.56	0.706	3.24	7.64	133.522	11.11	0.
5	13.94	0.392	7.39	17.43	188.182	15.65	0.
6	20.53	0.726	2.75	6.48	142.827	11.88	0.
7	23.37	0.539	9.79	23.09	348.975	29.03	0.
7	26.00	0.463	42.40	100.00	1202.278	100.00	0.

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Report date: 7/11/2017 2:05:59 PM
Printed by: wet

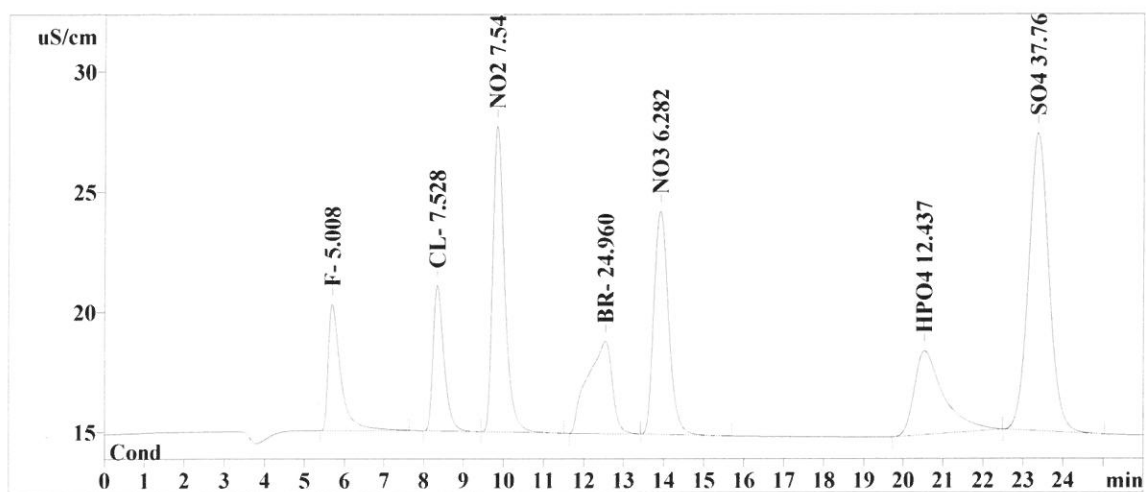
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Analysis from: 7/11/2017 1:35:32 PM
File: _2017-07-11_

Last save: 7/11/2017 2:04:22 PM

Method: ANIONS 07-11-17.mtw
Run operator: wet
Analysis number: 58343

Last save: 7/11/2017 9:41:46 AM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.69	0.301	5.26	9.92	115.047	7.61	0.
2	8.34	0.278	6.06	11.41	112.966	7.47	0.
3	9.84	0.306	12.73	23.99	263.151	17.40	0.
4	12.54	0.768	3.86	7.26	164.756	10.89	0.
5	13.91	0.394	9.29	17.49	237.455	15.70	0.
6	20.53	0.708	3.49	6.58	177.848	11.76	0.
7	23.37	0.538	12.40	23.35	441.014	29.16	0.
7	26.00	0.471	53.09	100.00	1512.236	100.00	0.

This report has been created by IC Net
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Report date: 7/12/2017 9:22:42 AM
Printed by: wet

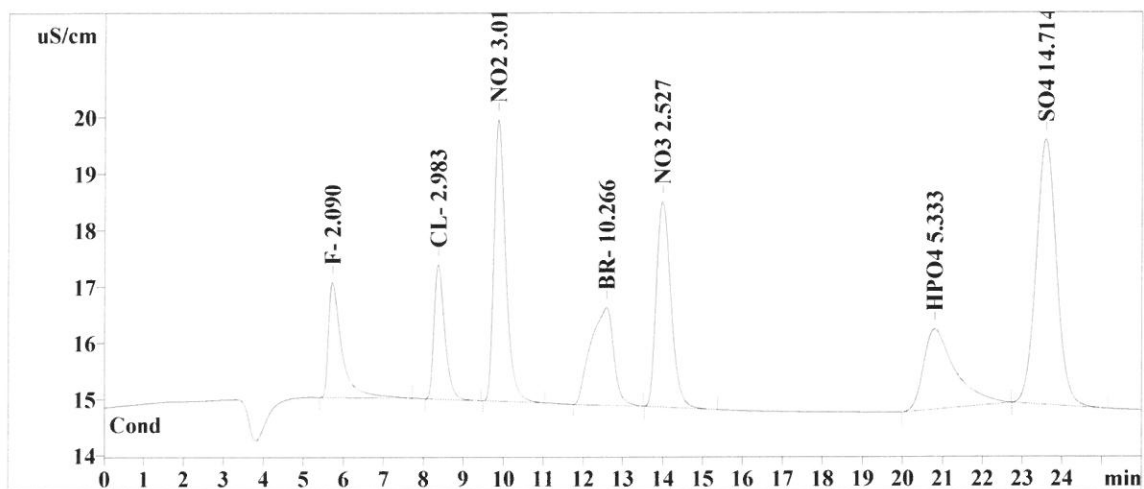
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Analysis from: 7/11/2017 3:03:18 PM
File: _2017-07-11_

Last save: 7/11/2017 3:29:08 PM

Method: ANIONS 07-11-17.mtw
Run operator: wet
Analysis number: 58346

Last save: 7/11/2017 2:01:22 PM

SAMPLE:
: AK/AP
Vial number: 11
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.73	0.308	2.04	9.77	47.249	7.83	0.
2	8.37	0.278	2.39	11.39	44.295	7.34	0.
3	9.87	0.303	4.99	23.85	102.065	16.91	0.
4	12.59	0.673	1.74	8.31	69.572	11.52	0.
5	13.98	0.396	3.64	17.40	93.474	15.48	0.
6	20.79	0.774	1.43	6.83	78.312	12.97	0.
7	23.59	0.546	4.70	22.45	168.770	27.95	0.
7	26.00	0.468	20.93	99.99	603.737	100.00	0.

This report has been created by IC Net
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Report date: 7/12/2017 9:22:48 AM
Printed by: wet

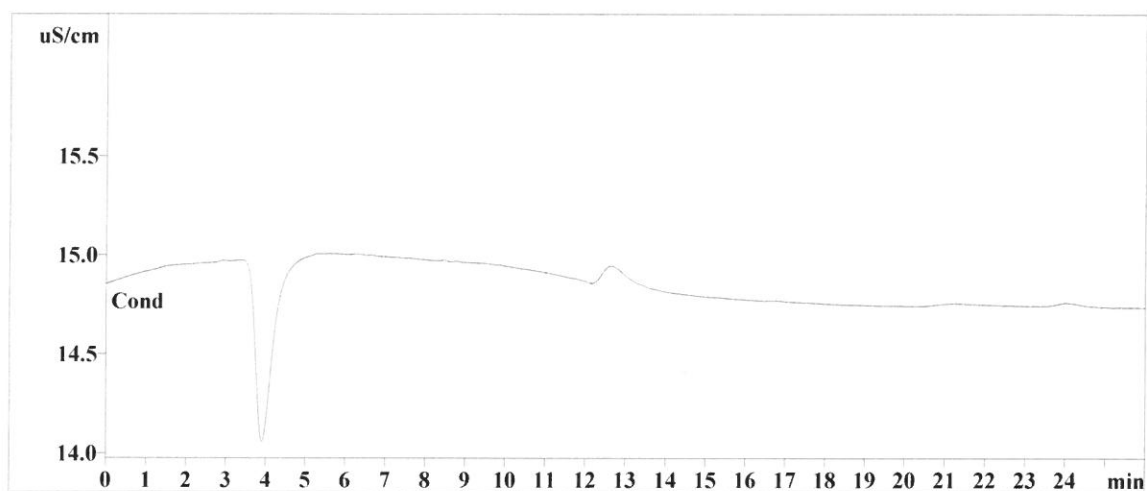
Ident: ICB
Analysis from: 7/11/2017 3:32:14 PM
File: _2017-07-11_

Last save: 7/12/2017 9:21:56 AM

Method: ANIONS 07-11-17.mtw
Run operator: wet
Analysis number: 58347

Last save: 7/11/2017 2:01:22 PM

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: 7/12/2017 3:02:06 PM
Printed by: wet

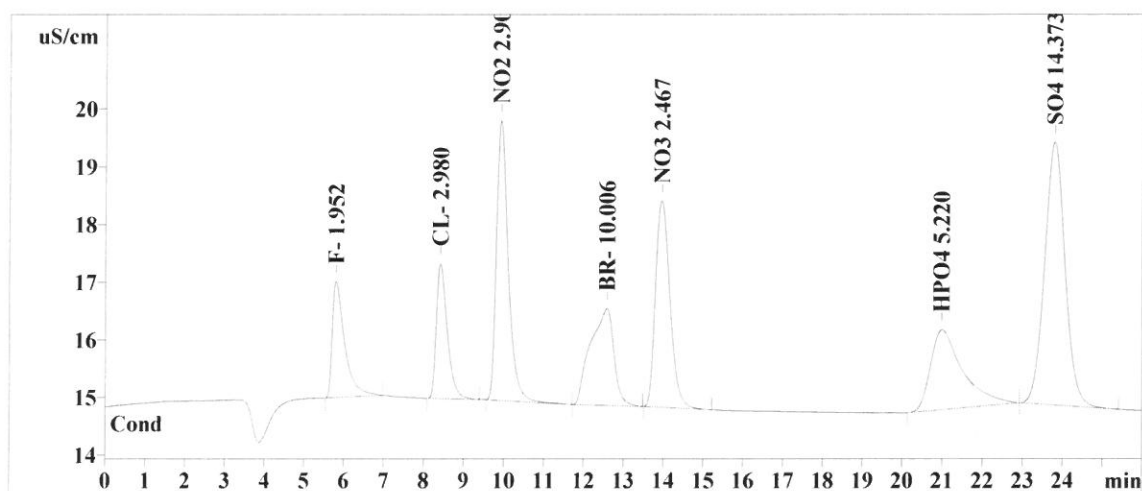
Ident: CCV
Analysis from: 7/11/2017 6:25:47 PM
File: _2017-07-11_

Last save: 7/11/2017 6:51:36 PM

Method: ANIONS 07-11-17.mtw
Run operator: wet
Analysis number: 58353

Last save: 7/11/2017 2:01:22 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	5.81	0.310	2.02	9.87	44.044	7.50	0.
2	8.42	0.282	2.34	11.48	44.246	7.54	0.
3	9.92	0.298	4.85	23.74	98.149	16.72	0.
4	12.58	0.704	1.69	8.26	67.888	11.57	0.
5	13.95	0.393	3.58	17.54	91.151	15.53	0.
6	20.99	0.781	1.39	6.79	76.722	13.07	0.
7	23.79	0.550	4.56	22.31	164.744	28.07	0.
7	26.00	0.474	20.42	99.99	586.943	100.00	0.

This report has been created by IC Net
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Report date: 7/12/2017 3:02:13 PM
Printed by: wet

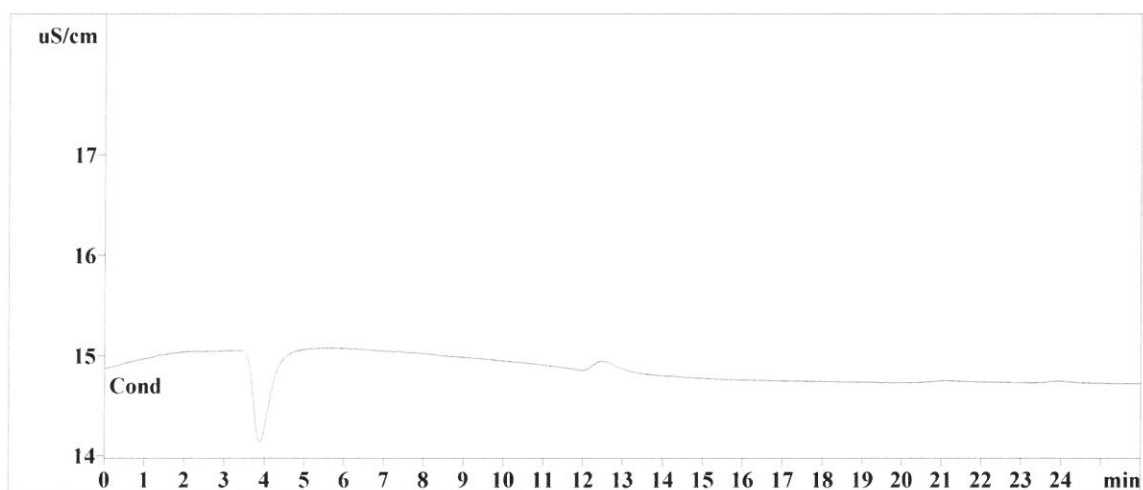
Ident: CCB
Analysis from: 7/11/2017 6:54:42 PM
File: _2017-07-11_

Last save: 7/12/2017 9:21:58 AM

Method: ANIONS 07-11-17.mtw
Run operator: wet
Analysis number: 58354

Last save: 7/11/2017 2:01:22 PM

SAMPLE:
: AK/AP
Vial number: 10
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: 7/14/2017 9:07:36 AM
Printed by: wet

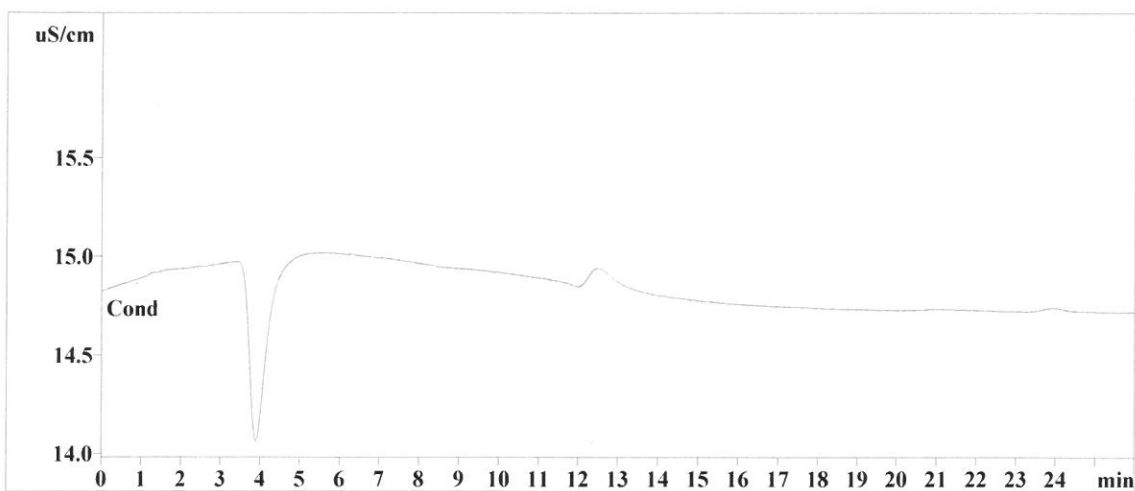
Ident: LB88713BLW
Analysis from: 7/11/2017 7:23:37 PM
File: _2017-07-11_

Last save: 7/14/2017 9:04:06 AM

Method: ANIONS 07-11-17.mtw
Run operator: wet
Analysis number: 58355

Last save: 7/11/2017 2:01:22 PM

SAMPLE:
: AK/AP
Vial number: 13
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: 7/14/2017 9:07:42 AM
Printed by: wet

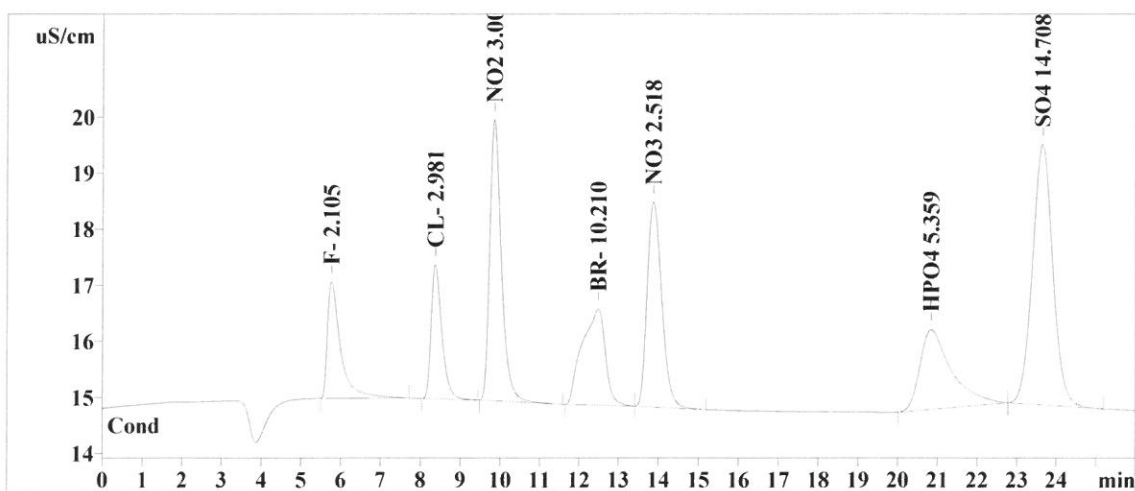
Ident: LB88713BSW
Analysis from: 7/11/2017 7:52:33 PM
File: _2017-07-11_

Last save: 7/14/2017 9:04:08 AM

Method: ANIONS 07-11-17.mtw
Run operator: wet
Analysis number: 58356

Last save: 7/11/2017 2:01:22 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	5.77	0.309	2.07	9.91	47.602	7.89	0.
2	8.37	0.277	2.39	11.41	44.256	7.33	0.
3	9.85	0.300	5.01	23.95	101.945	16.89	0.
4	12.49	0.702	1.71	8.20	69.213	11.47	0.
5	13.86	0.393	3.65	17.47	93.131	15.43	0.
6	20.83	0.781	1.42	6.81	78.673	13.04	0.
7	23.63	0.554	4.65	22.23	168.706	27.95	0.
7	26.00	0.474	20.91	99.99	603.526	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/14/2017 9:07:50 AM
Printed by: wet

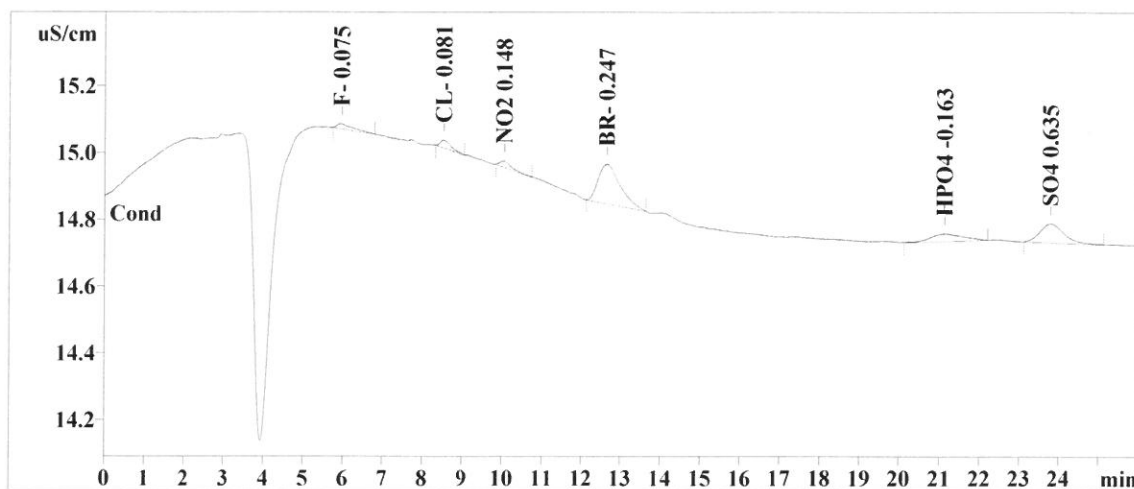
Ident: I4047-01
Analysis from: 7/11/2017 8:21:28 PM
File: _2017-07-11_

Last save: 7/14/2017 9:04:08 AM

Method: ANIONS 07-11-17.mtw
Run operator: wet
Analysis number: 58357

Last save: 7/11/2017 2:01:22 PM

SAMPLE:
: AK/AP
Vial number: 18
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.95	0.481	0.02	5.93	0.465	4.78	0.
2	8.54	0.284	0.02	8.91	0.453	4.65	0.
3	10.05	0.288	0.02	7.34	0.385	3.96	0.
4	12.66	0.601	0.12	45.27	4.672	48.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	21.13	0.899	0.02	8.74	1.293	13.29	0.
7	23.80	0.641	0.06	21.94	2.465	25.32	0.
7	26.00	0.456	0.26	98.13	9.732	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/14/2017 9:07:59 AM
Printed by: wet

Ident: I4047-02
Analysis from: 7/11/2017 8:50:24 PM
File: _2017-07-11_

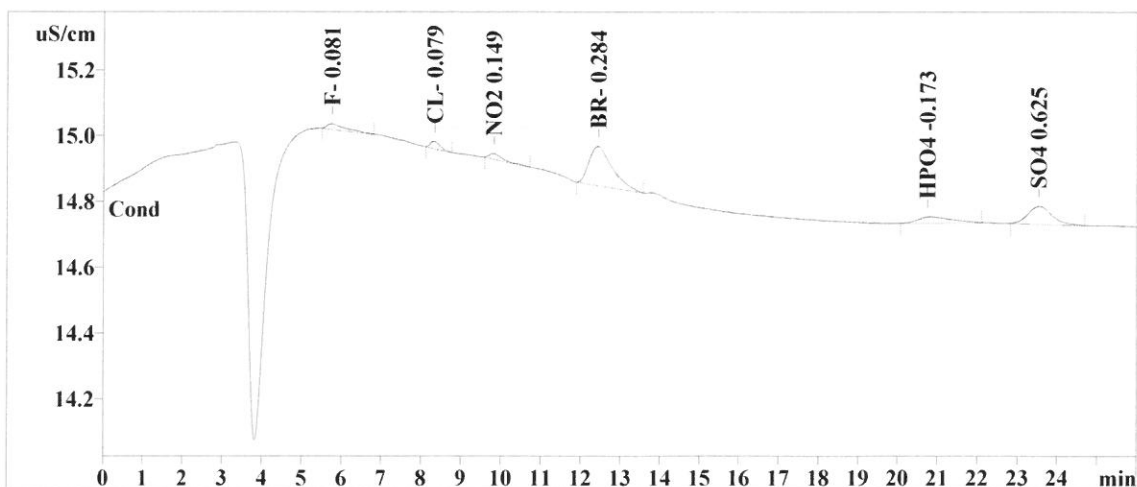
Last save: 7/12/2017 3:13:24 PM

Method: ANIONS 07-11-17.mtw
Run operator: wet
Analysis number: 58358

Last save: 7/11/2017 2:01:22 PM

SAMPLE:

: AK/AP
Vial number: 19
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.76	0.432	0.02	6.78	0.602	6.10	0.
2	8.33	0.277	0.02	8.77	0.412	4.18	0.
3	9.83	0.331	0.02	6.88	0.446	4.52	0.
4	12.44	0.619	0.12	46.65	4.911	49.79	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	20.75	0.898	0.02	7.52	1.150	11.66	0.
7	23.52	0.642	0.05	21.21	2.342	23.74	0.
7	26.00	0.457	0.25	97.80	9.863	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/14/2017 9:08:05 AM
Printed by: wet

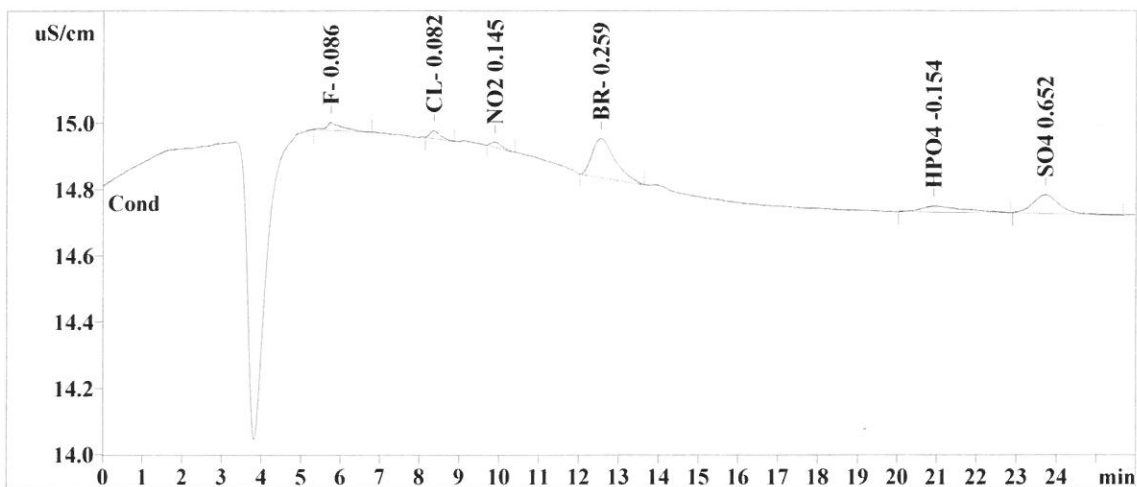
Ident: I4047-03
Analysis from: 7/11/2017 9:19:19 PM
File: _2017-07-11_

Last save: 7/12/2017 4:35:20 PM

Method: ANIONS 07-11-17.mtw
Run operator: wet
Analysis number: 58359

Last save: 7/11/2017 2:01:22 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.75	0.362	0.02	8.97	0.708	6.87	0.
2	8.36	0.287	0.02	9.22	0.459	4.45	0.
3	9.90	0.301	0.02	6.16	0.311	3.02	0.
4	12.55	0.602	0.12	45.38	4.753	46.10	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	20.94	1.120	0.02	6.79	1.420	13.77	0.
7	23.71	0.683	0.06	21.57	2.658	25.78	0.
7	26.00	0.479	0.26	98.10	10.309	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/14/2017 9:08:10 AM
Printed by: wet

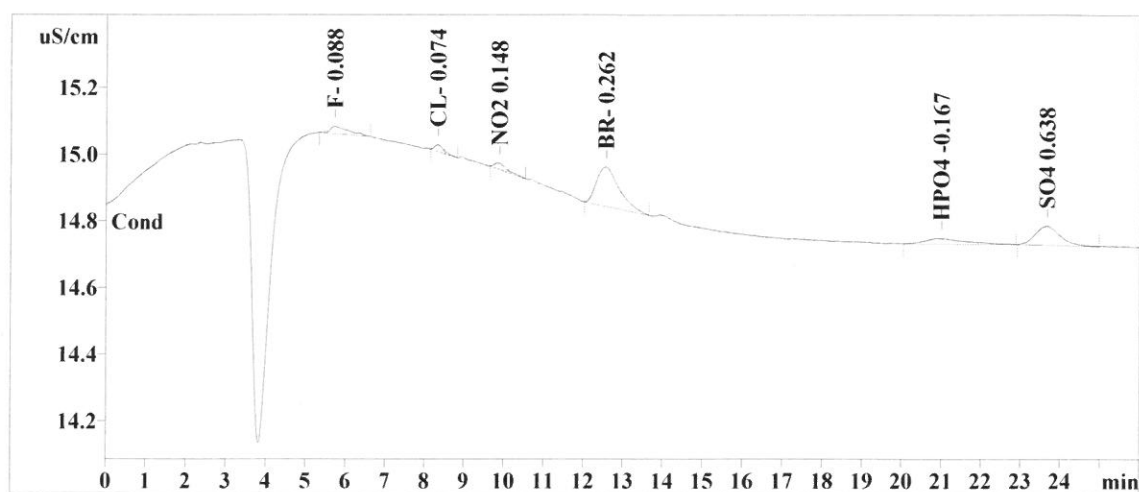
Ident: I4047-04
Analysis from: 7/11/2017 9:48:15 PM
File: _2017-07-11_

Last save: 7/12/2017 4:47:02 PM

Method: ANIONS 07-11-17.mtw
Run operator: wet
Analysis number: 58360

Last save: 7/11/2017 2:01:22 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.72	0.492	0.02	8.75	0.768	7.66	0.
2	8.33	0.263	0.02	7.83	0.337	3.36	0.
3	9.88	0.304	0.02	7.11	0.408	4.07	0.
4	12.56	0.610	0.12	45.76	4.772	47.64	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	20.99	1.058	0.02	6.49	1.234	12.32	0.
7	23.66	0.665	0.06	22.00	2.500	24.95	0.
7	26.00	0.484	0.25	97.93	10.018	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/14/2017 9:08:15 AM
Printed by: wet

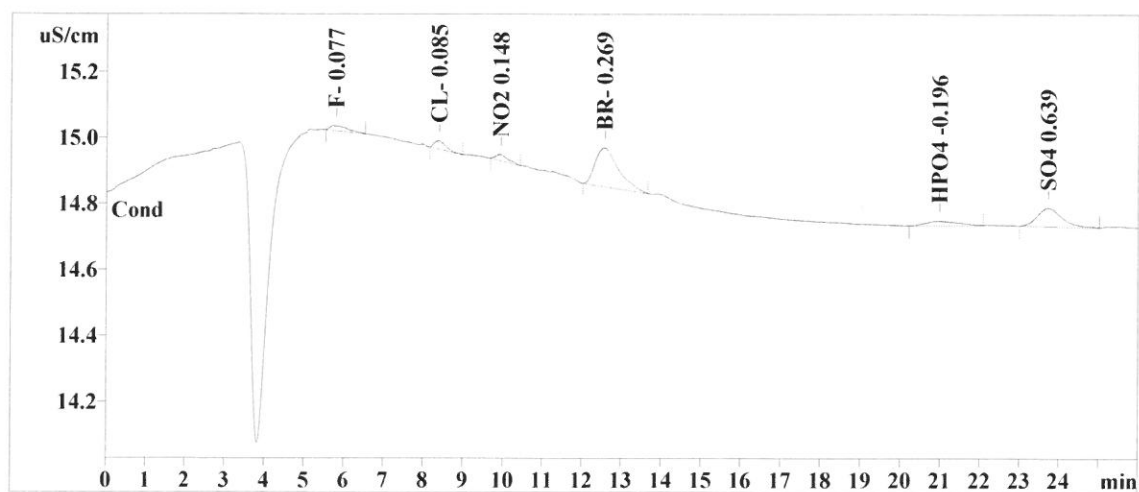
Ident: I4047-05
Analysis from: 7/11/2017 10:17:10 PM
File: _2017-07-11_

Last save: 7/12/2017 4:47:04 PM

Method: ANIONS 07-11-17.mtw
Run operator: wet
Analysis number: 58361

Last save: 7/11/2017 2:01:22 PM

SAMPLE:
: AK/AP
Vial number: 18
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.77	0.490	0.01	5.87	0.495	5.17	0.
2	8.38	0.320	0.03	10.28	0.513	5.36	0.
3	9.93	0.326	0.02	7.40	0.408	4.26	0.
4	12.57	0.614	0.12	46.59	4.817	50.31	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	20.96	0.959	0.01	5.77	0.839	8.76	0.
7	23.72	0.659	0.06	22.24	2.503	26.14	0.
7	26.00	0.481	0.25	98.16	9.575	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/14/2017 9:08:20 AM
Printed by: wet

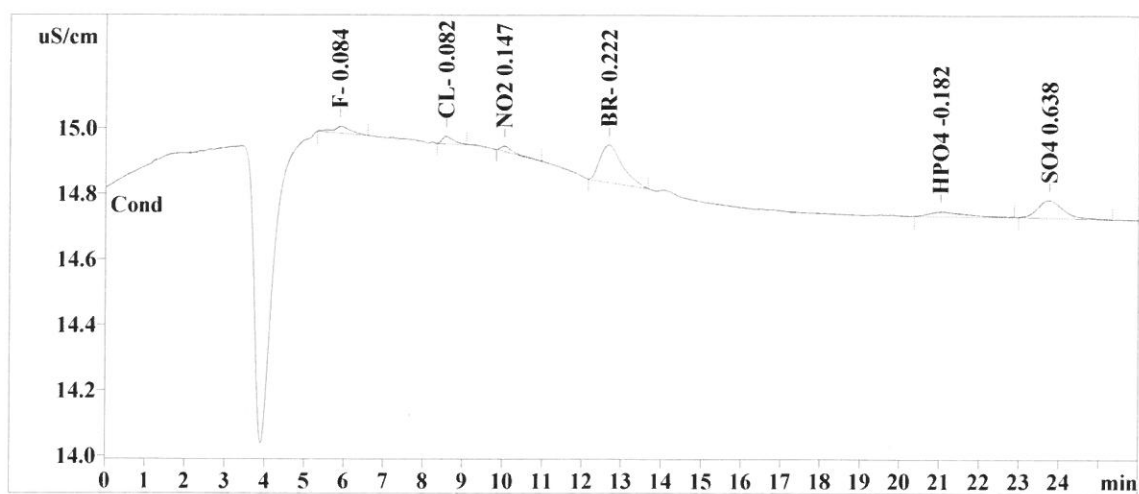
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Analysis from: 7/11/2017 10:46:06 PM
File: _2017-07-11_

Last save: 7/12/2017 4:47:58 PM

Method: ANIONS 07-11-17.mtw
Run operator: wet
Analysis number: 58362

Last save: 7/11/2017 2:01:22 PM

SAMPLE:
: AK/AP
Vial number: 19
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.88	0.418	0.02	8.10	0.662	6.95	0.
2	8.55	0.305	0.02	9.36	0.470	4.94	0.
3	10.04	0.292	0.02	6.65	0.360	3.78	0.
4	12.68	0.603	0.11	46.08	4.511	47.37	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	21.03	1.031	0.02	6.14	1.029	10.81	0.
7	23.76	0.673	0.05	21.64	2.490	26.15	0.
7	26.00	0.475	0.24	97.97	9.523	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/14/2017 9:08:26 AM
Printed by: wet

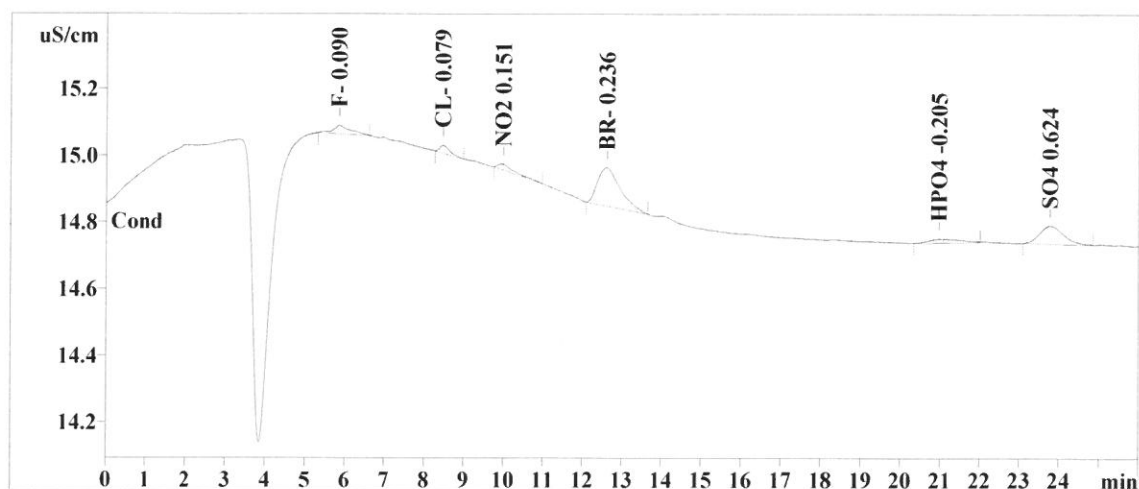
Ident: I4047-07
Analysis from: 7/11/2017 11:15:01 PM
File: _2017-07-11_

Last save: 7/12/2017 4:47:04 PM

Method: ANIONS 07-11-17.mtw
Run operator: wet
Analysis number: 58363

Last save: 7/11/2017 2:01:22 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.85	0.390	0.03	10.36	0.803	8.58	0.
2	8.46	0.262	0.02	9.29	0.419	4.48	0.
3	9.99	0.368	0.02	6.74	0.504	5.39	0.
4	12.60	0.616	0.12	45.69	4.604	49.21	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	20.97	0.962	0.01	4.80	0.700	7.48	0.
7	23.77	0.653	0.05	21.53	2.326	24.86	0.
7	26.00	0.464	0.25	98.42	9.356	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/14/2017 9:08:33 AM
Printed by: wet

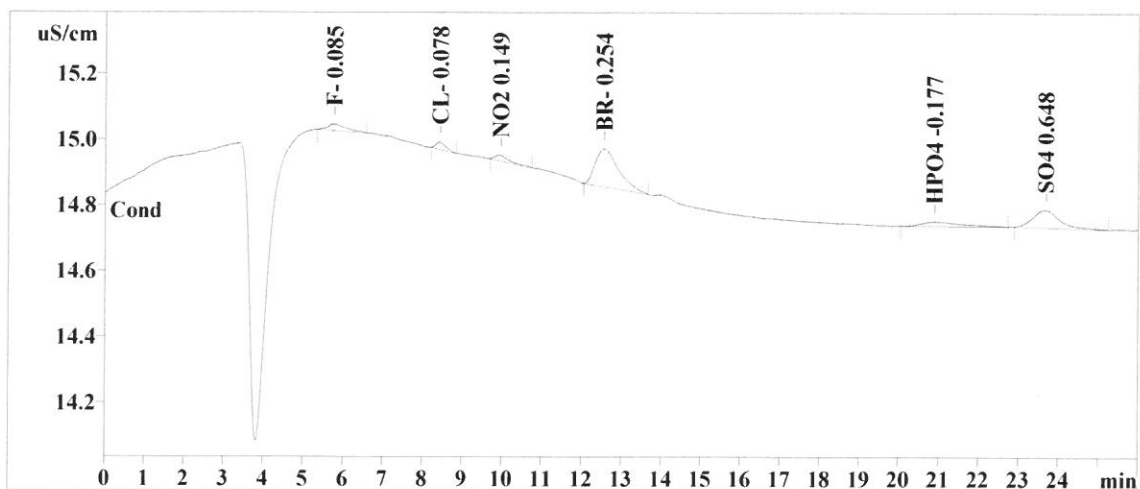
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Analysis from: 7/11/2017 11:43:57 PM
File: _2017-07-11_

Last save: 7/12/2017 4:47:04 PM

Method: ANIONS 07-11-17.mtw
Run operator: wet
Analysis number: 58364

Last save: 7/11/2017 2:01:22 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.76	0.466	0.02	8.29	0.687	6.90	0.
2	8.43	0.275	0.02	8.95	0.397	3.99	0.
3	9.97	0.347	0.02	6.79	0.448	4.50	0.
4	12.56	0.618	0.12	46.37	4.716	47.35	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	20.88	0.985	0.01	5.81	1.097	11.01	0.
7	23.66	0.690	0.05	21.55	2.614	26.25	0.
7	26.00	0.483	0.24	97.75	9.958	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/14/2017 9:08:39 AM
Printed by: wet

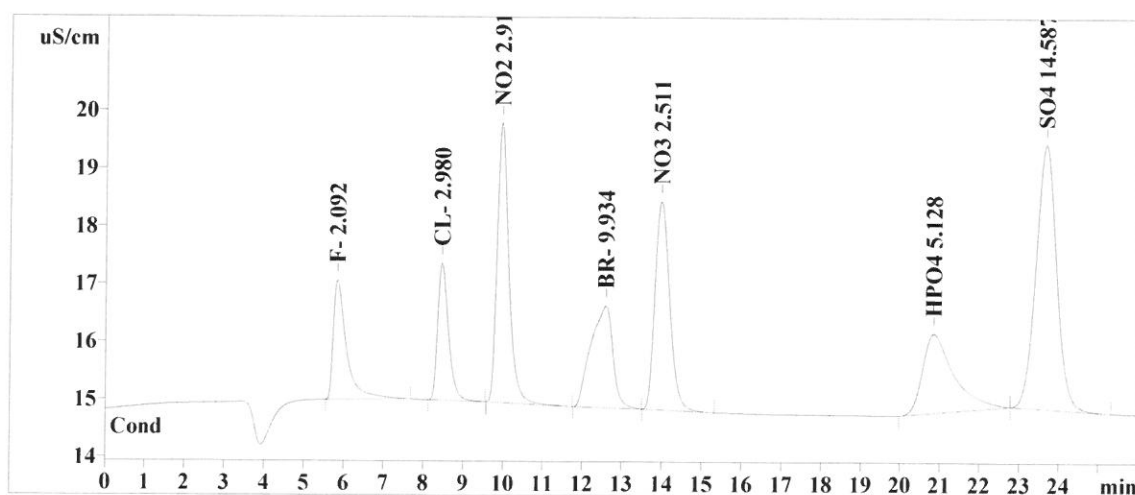
Ident: CCV
Analysis from: 7/12/2017 12:12:52 AM
File: _2017-07-12_

Last save: 7/12/2017 12:38:42 AM

Method: ANIONS 07-11-17.mtw
Run operator: wet
Analysis number: 58365

Last save: 7/11/2017 2:01:22 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	5.83	0.311	2.06	10.00	47.300	7.98	0.
2	8.45	0.279	2.37	11.52	44.251	7.46	0.
3	9.94	0.300	4.84	23.51	98.534	16.61	0.
4	12.59	0.640	1.76	8.56	67.420	11.37	0.
5	13.97	0.397	3.60	17.52	92.859	15.66	0.
6	20.84	0.780	1.37	6.66	75.432	12.72	0.
7	23.66	0.556	4.57	22.23	167.273	28.20	0.
7	26.00	0.466	20.57	99.99	593.069	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/14/2017 9:08:47 AM
Printed by: wet

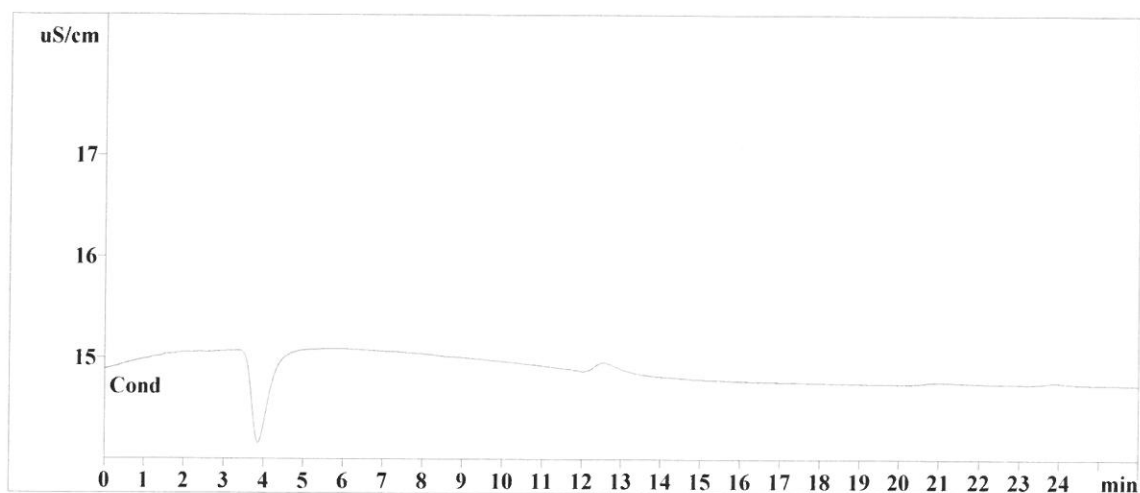
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Analysis from: 7/12/2017 12:41:48 AM
File: _2017-07-12_

Last save: 7/12/2017 9:21:58 AM

Method: ANIONS 07-11-17.mtw
Run operator: wet
Analysis number: 58366

Last save: 7/11/2017 2:01:22 PM

SAMPLE:
:
Vial number: 10
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