

FC-1 9056
12-9-18 AK

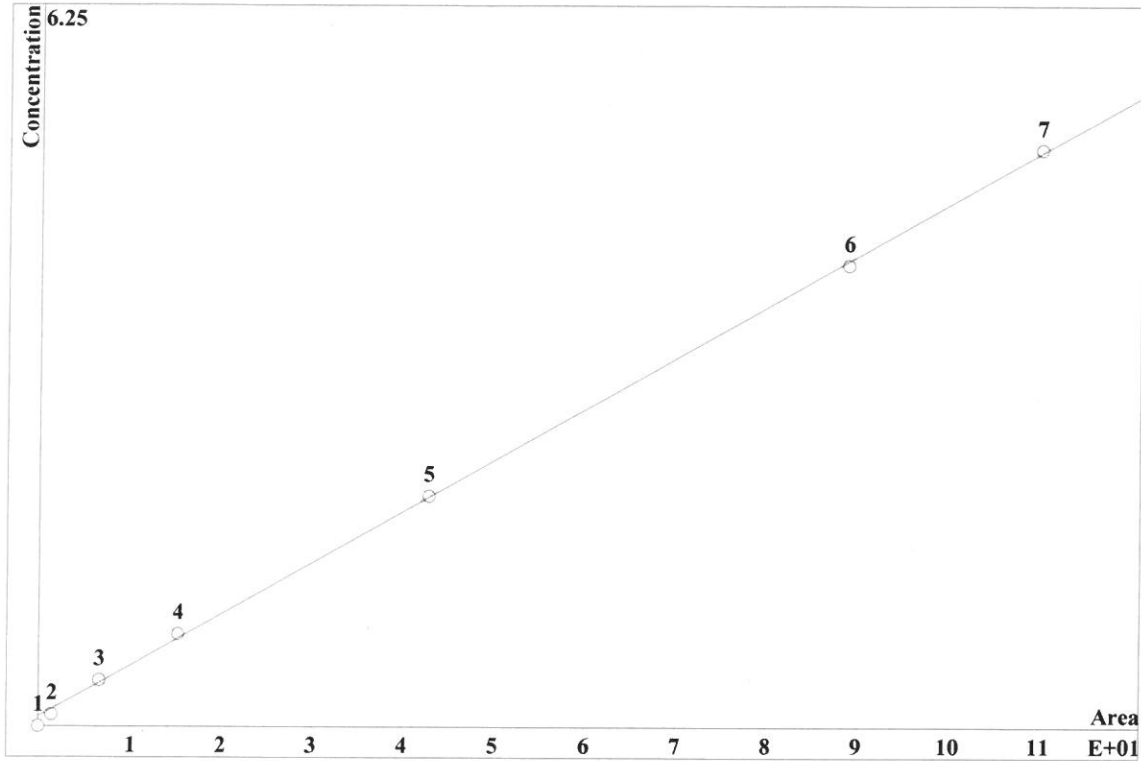
Clear table

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	_2018-01-22_	1/22/18 12:09
STD2	0.2270	0.2800	0.2580	0.8540	0.2160	-0.1940	1.4630	_2018-01-22_	1/22/18 12:39
STD3	0.4510	0.6720	0.6480	2.1500	0.5510	0.8190	3.3420	_2018-01-22_	1/22/18 13:10
STD4	0.8150	1.2150	1.1880	4.0000	1.0040	2.3170	6.0050	_2018-01-22_	1/22/18 13:41
STD5	1.9840	2.9040	2.8610	9.5780	2.3870	5.3630	14.2470	_2018-01-22_	1/22/18 14:12
STD6	3.9200	5.8420	5.9080	19.7140	4.9260	9.9480	29.8630	_2018-01-22_	1/22/18 14:43
STD7	4.9780	7.5960	7.6080	25.4540	6.3600	12.3270	38.0480	_2018-01-22_	1/22/18 15:14
ICV	1.9000	2.8170	2.8100	9.2970	2.3200	4.6260	13.9580	_2018-01-23_	1/23/18 10:45
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-01-23_	1/23/18 11:23
CCV	2.0530	2.8240	2.7520	9.2220	2.2760	4.5160	13.5540	_2018-02-07_	2/7/18 11:28
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-02-07_	2/7/18 11:58
LB93160BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-02-07_	2/7/18 12:35
LB93160BSW	1.9020	2.8140	2.8410	9.3930	2.3330	5.0630	14.6440	_2018-02-07_	2/7/18 13:05
J1484-01	0.0000	12271.4510	0.0000	23.2500	0.0000	1.3370	202.5020	_2018-02-08_	2/7/18 14:42
J1484-02	0.0000	13229.1040	0.0000	0.0000	1.0410	0.0000	74.3390	_2018-02-08_	2/7/18 15:13
J1484-03	0.0000	8152.6940	0.0000	19.2800	0.0000	0.0000	607.6030	_2018-02-08_	2/7/18 15:44
J1484-03DUP	0.0000	8204.7750	0.0000	19.7610	0.0000	0.0000	612.4150	_2018-02-08_	2/7/18 16:15
J1484-03MS	2.3450	7335.6040	2.9770	28.9890	2.5190	7.1710	573.1190	_2018-02-08_	2/7/18 16:46
J1484-03MSD	2.2660	7413.2430	2.8700	28.6890	2.4240	7.2120	573.1660	_2018-02-08_	2/7/18 17:17
CCV	2.0900	2.8400	2.8410	9.4360	2.3220	5.4480	13.8830	_2018-02-07_	2/7/18 18:41
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-02-07_	2/7/18 19:11

IC-1 cal
1-22-18 AK

CALIBRATION OF COMPONENT F-

Method: ANIONS 01-22-18.mtw
Equation: $Q = 0.888792 \cdot A + 1.72329$
RSD: 1.957 %
Correlation coefficient: 0.999844

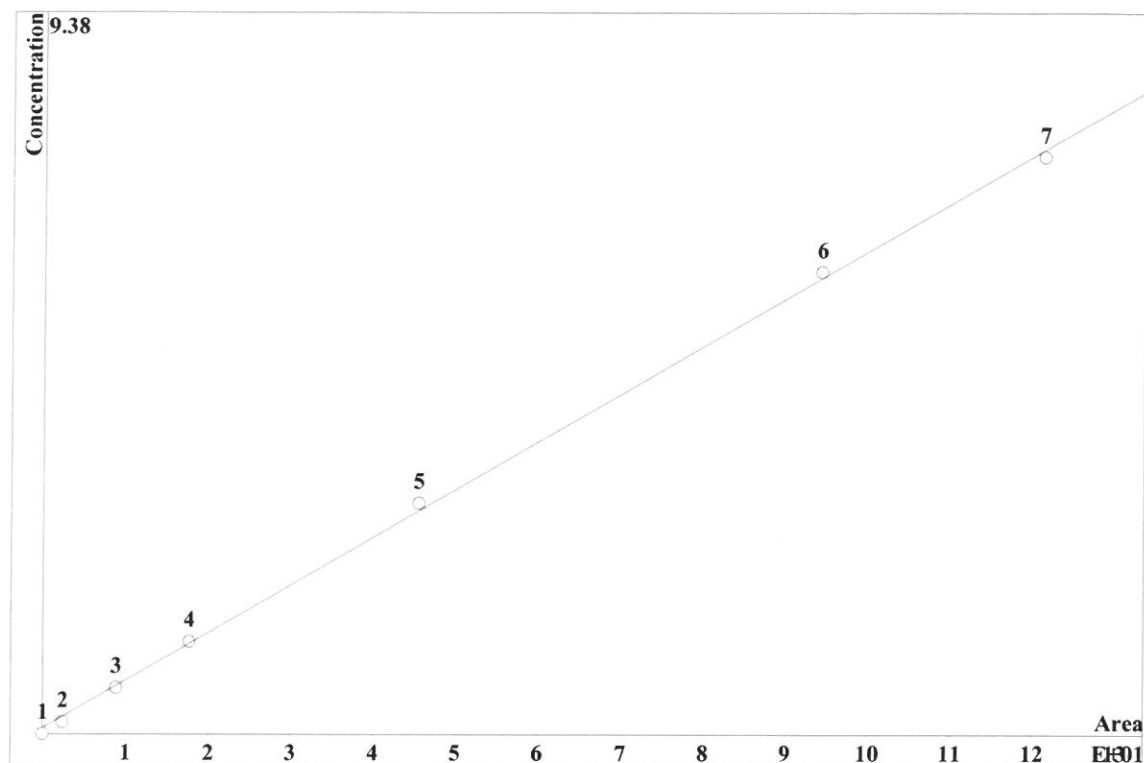


K3 = 0 K2 = 0 K1 = 0.888792 K0 = 1.72329
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.07393	1.441	0.1	20	5.921			Yes
3	0.3473	6.589	0.4	20	5.921			Yes
4	0.785	15.21	0.8	20	5.921			Yes
5	2.17	42.89	2	20	5.921			Yes
6	4.625	88.94	4	20	5.921			Yes
7	5.995	110.1	5	20	5.921			Yes

CALIBRATION OF COMPONENT CL-

Method: ANIONS 01-22-18.mtw
 Equation: $Q = 1.23947 \cdot A + 1.59291$
 RSD: 2.896 %
 Correlation coefficient: 0.999658



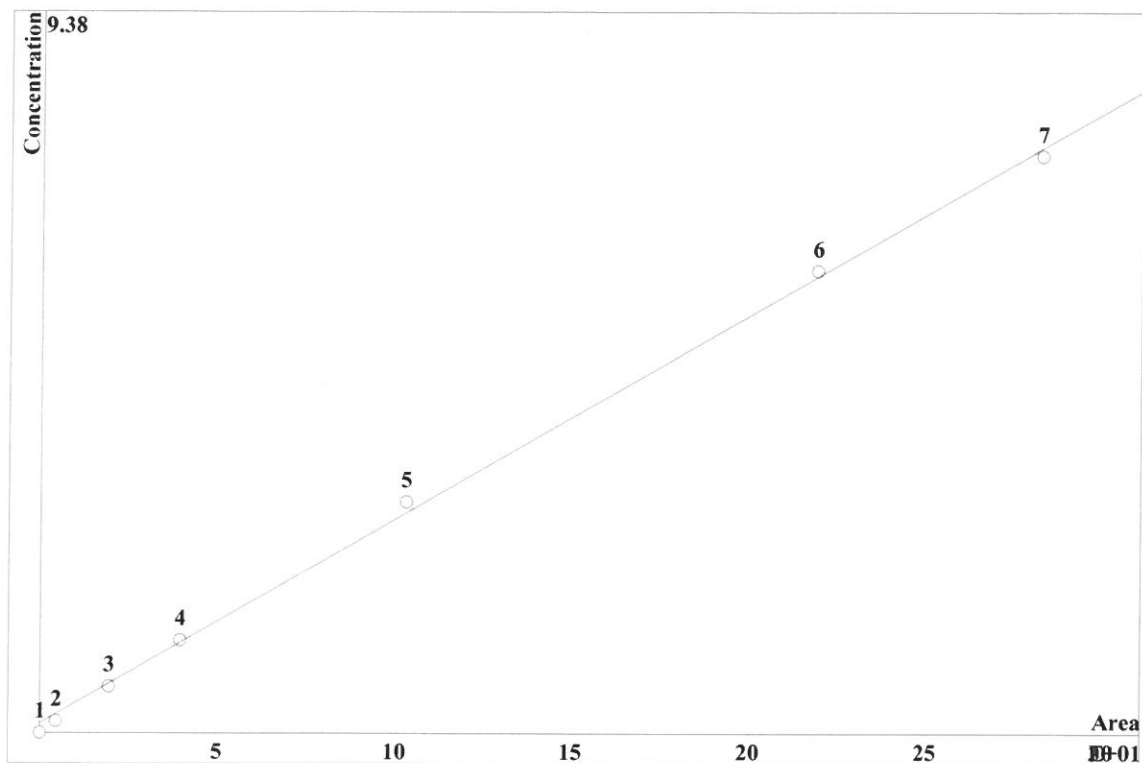
K3 = 0 K2 = 0 K1 = 1.23947 K0 = 1.59291

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	0.1373	2.334	0.15	20	8.982			Yes
3	0.5373	8.835	0.6	20	8.982			Yes
4	1.088	17.72	1.2	20	8.982			Yes
5	2.788	45.51	3	20	8.982			Yes
6	5.877	94.31	6	20	8.982			Yes
7	7.609	121.3	7.5	20	8.982			Yes

CALIBRATION OF COMPONENT NO2

Method: ANIONS 01-22-18.mtw
 Equation: $Q = 0.529462 \cdot A + 2.48671$
 RSD: 3.583 %
 Correlation coefficient: 0.999476



K3 = 0 K2 = 0 K1 = 0.529462 K0 = 2.48671

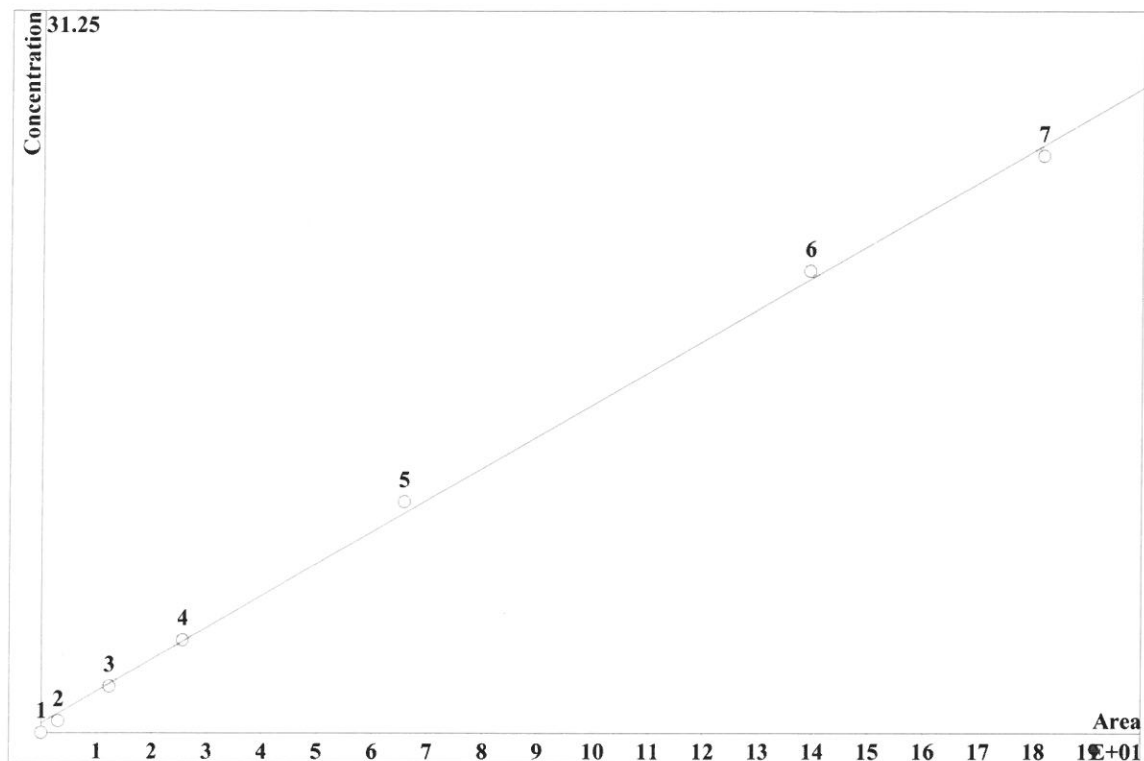
Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.2217	4.571	0.15	20	10.72		Yes
3	1.016	19.44	0.6	20	10.72		Yes
4	2.09	39.61	1.2	20	10.72		Yes
5	5.464	103.3	3	20	10.72		Yes
6	11.48	219.2	6	20	10.72		Yes
7	14.71	282.7	7.5	20	10.72		Yes

±□□

CALIBRATION OF COMPONENT BR-

Method: ANIONS 01-22-18.mtw
 Equation: $Q = 2.75892 \cdot A + 8.44356$
 RSD: 4.139 %
 Correlation coefficient: 0.999301



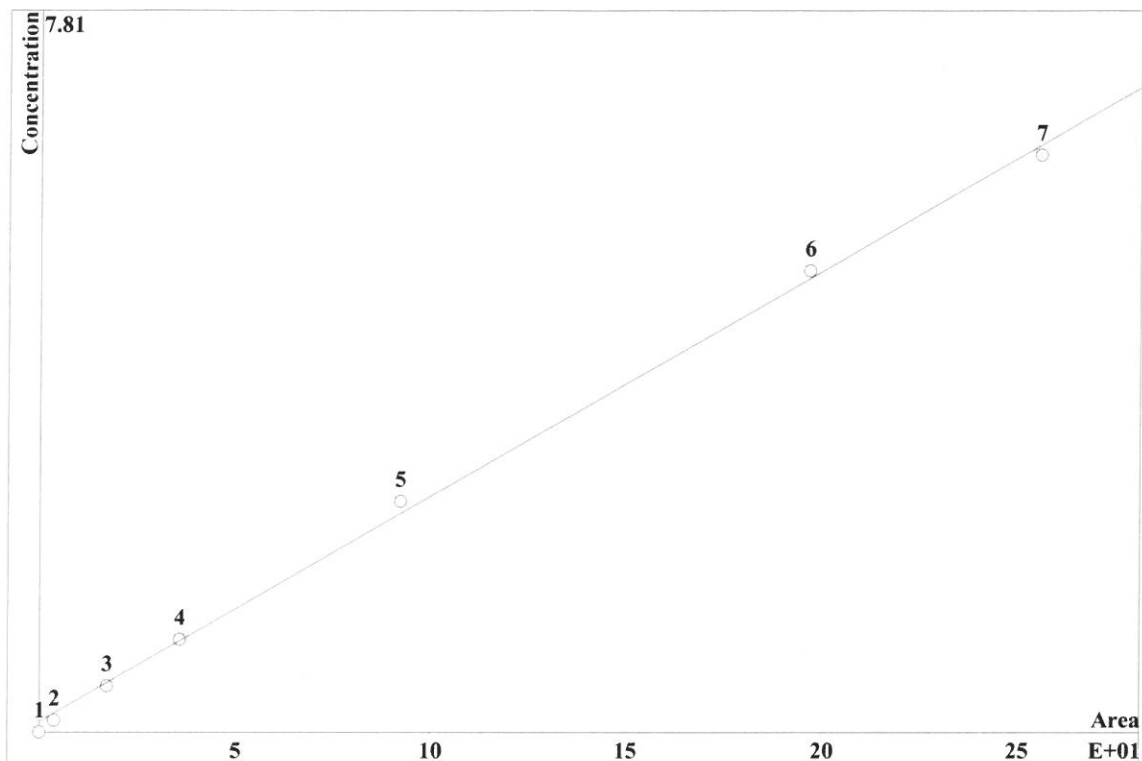
K3 = 0 K2 = 0 K1 = 2.75892 K0 = 8.44356

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	0.158	3.013	0.5	20	13.6		Yes
3	0.6656	12.32	2	20	13.6		Yes
4	1.39	25.58	4	20	13.6		Yes
5	3.626	65.8	10	20	13.6		Yes
6	7.665	139.3	20	20	13.6		Yes
7	9.875	181.5	25	20	13.6		Yes

CALIBRATION OF COMPONENT NO3

Method: ANIONS 01-22-18.mtw
 Equation: $Q = 0.48854 \cdot A + 2.28868$
 RSD: 4.105 %
 Correlation coefficient: 0.999312



K3 = 0 K2 = 0 K1 = 0.48854 K0 = 2.28868

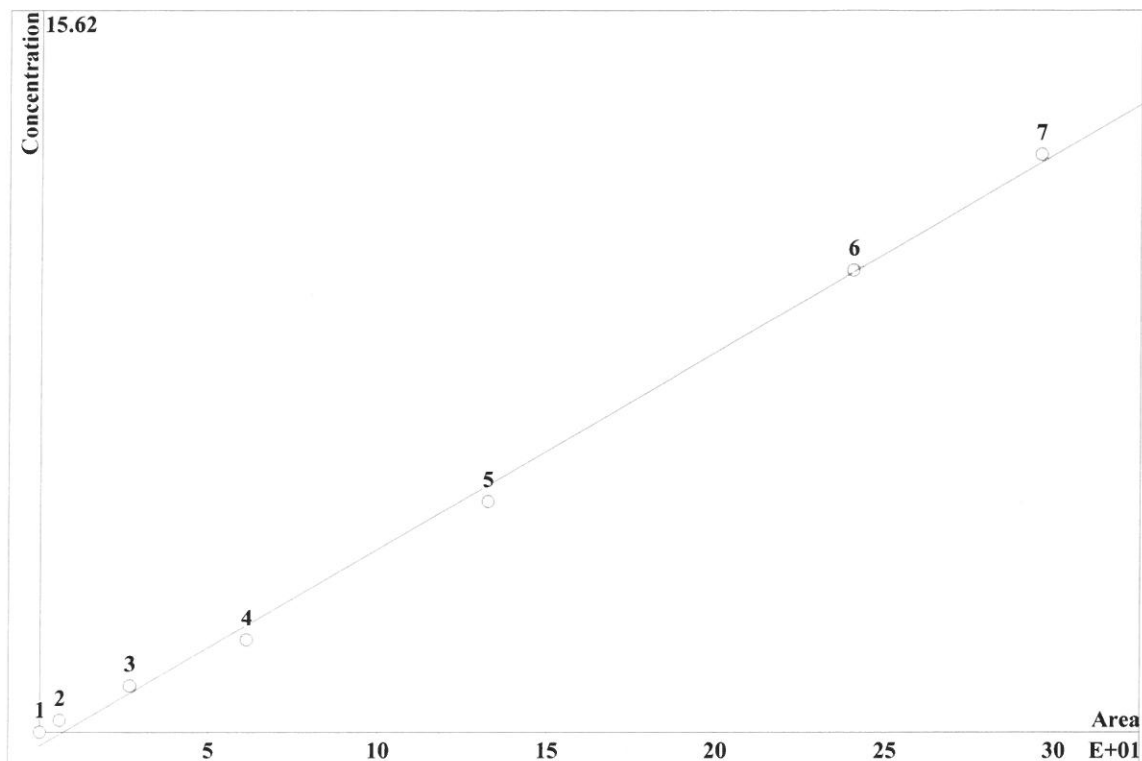
Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.1708	3.741	0.125	20	15.49		Yes
3	0.8031	17.29	0.5	20	15.49		Yes
4	1.667	35.75	1	20	15.49		Yes
5	4.409	92.29	2.5	20	15.49		Yes
6	9.547	196.6	5	20	15.49		Yes
7	12.49	255.7	6.25	20	15.49		Yes

±□□

CALIBRATION OF COMPONENT HPO4

Method: ANIONS 01-22-18.mtw
 Equation: $Q = 0.853465 \cdot A - 5.94487$
 RSD: 5.937 %
 Correlation coefficient: 0.998560



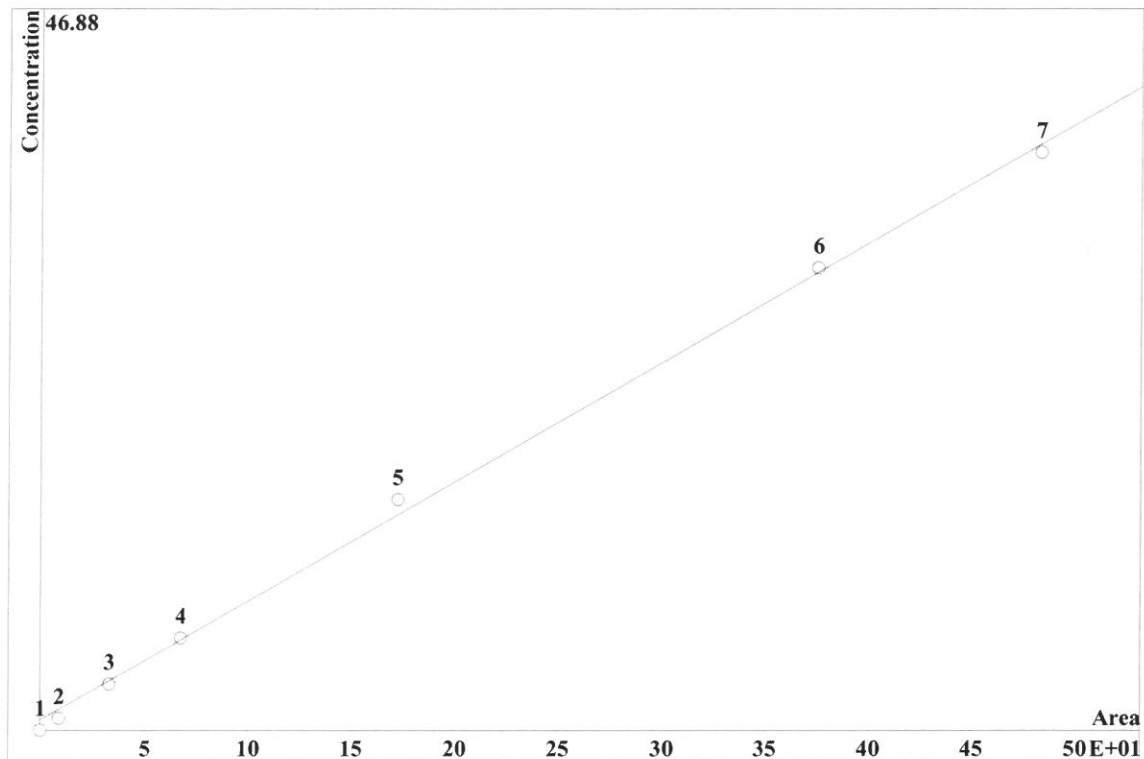
K3 = 0 K2 = 0 K1 = 0.853465 K0 = -5.94487

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	0.1515	5.784	0.25	20	22.72		Yes
3	0.6628	26.71	1	20	22.72		Yes
4	1.539	61.21	2	20	22.72		Yes
5	3.52	132.4	5	20	22.72		Yes
6	6.868	240.4	10	20	22.72		Yes
7	8.595	295.8	12.5	20	22.72		Yes

CALIBRATION OF COMPONENT SO4

Method: ANIONS 01-22-18.mtw
 Equation: $Q = 1.5477 \cdot A + 13.4127$
 RSD: 4.313 %
 Correlation coefficient: 0.999241



K3 = 0 K2 = 0 K1 = 1.5477 K0 = 13.4127

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	0.2813	8.819	0.75	20	25.7			Yes
3	1.102	32.92	3	20	25.7			Yes
4	2.266	67.29	6	20	25.7			Yes
5	5.971	172.5	15	20	25.7			Yes
6	12.91	375.6	30	20	25.7			Yes
7	16.83	483	37.5	20	25.7			Yes

Report date: 1/25/2018 10:17:15 AM
Printed by: wet

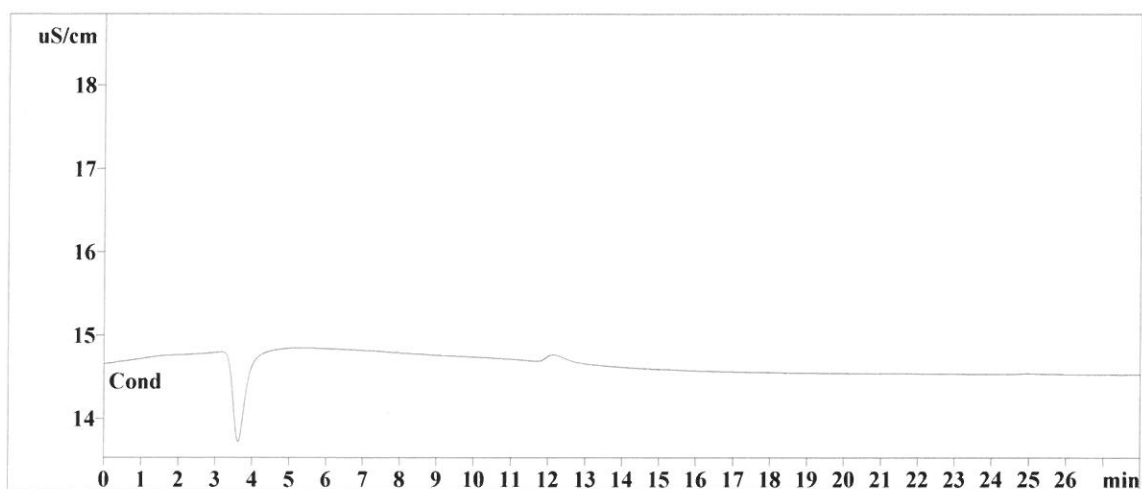
Ident: STD1
Analysis from: 1/22/2018 12:09:05 PM
File: _2018-01-22_

Last save: 1/25/2018 10:17:12 AM

Method: ANIONS 01-22-18.mtw
Run operator: wet
Analysis number: 60769

Last save: 1/22/2018 10:34:24 AM

SAMPLE:
: AP/AK
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: 1/25/2018 10:17:40 AM
Printed by: wet

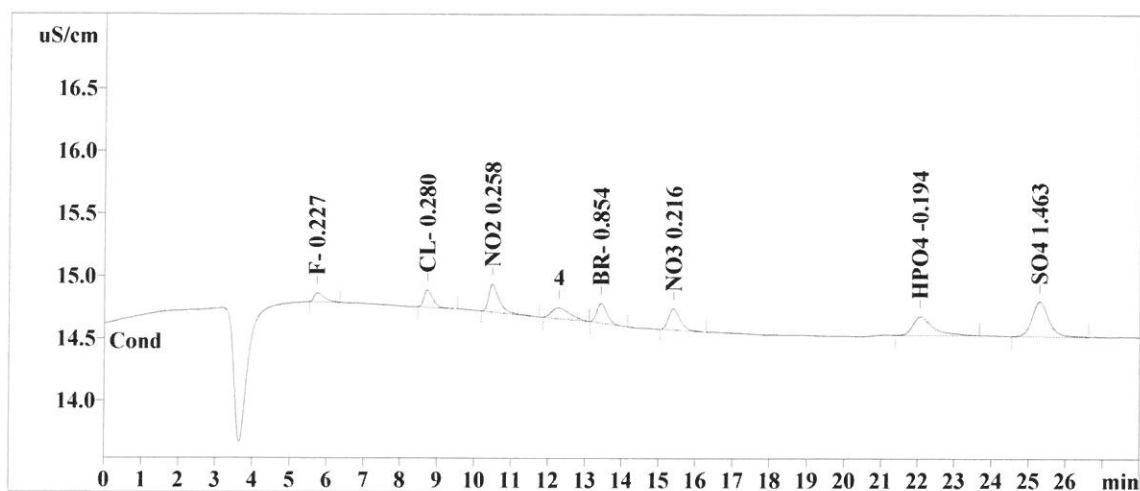
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File: _2018-01-22_

Last save: 1/22/2018 1:07:48 PM

Method: ANIONS 01-22-18.mtw
Run operator: wet
Analysis number: 60770

Last save: 1/22/2018 12:36:54 PM

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	5.73	0.290	0.07	5.73	1.441	4.40	0.
2	8.72	0.255	0.14	10.67	2.334	7.13	0.
3	10.49	0.291	0.22	17.25	4.571	13.95	0.
4	13.43	0.292	0.16	12.27	3.013	9.20	0.
5	15.39	0.328	0.17	13.30	3.741	11.42	0.
6	22.06	0.520	0.15	11.74	5.784	17.65	0.
7	25.29	0.461	0.28	21.88	8.819	26.92	0.
7	28.00	0.348	1.19	92.84	29.703	90.66	0.

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Report date: 1/25/2018 10:17:52 AM
Printed by: wet

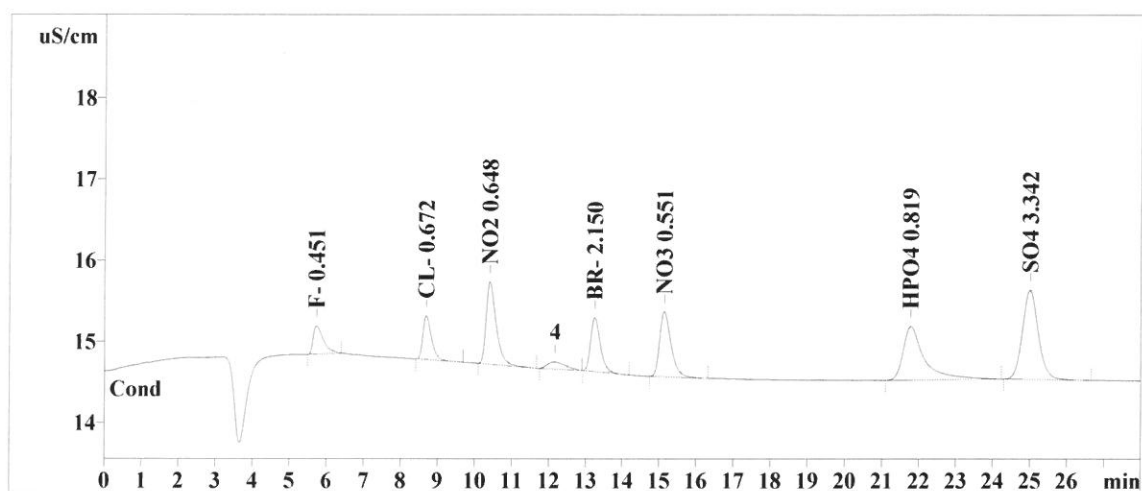
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Analysis from: 1/22/2018 1:10:54 PM
File: _2018-01-22_

Last save: 1/22/2018 1:38:42 PM

Method: ANIONS 01-22-18.mtw
Run operator: wet
Analysis number: 60771

Last save: 1/22/2018 1:07:48 PM

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	5.73	0.282	0.35	6.65	6.589	5.19	0.
2	8.68	0.246	0.54	10.29	8.835	6.95	0.
3	10.40	0.283	1.02	19.45	19.438	15.30	0.
4	13.24	0.279	0.67	12.74	12.321	9.70	0.
5	15.14	0.319	0.80	15.37	17.288	13.61	0.
6	21.77	0.515	0.66	12.69	26.709	21.02	0.
7	25.00	0.450	1.10	21.09	32.915	25.91	0.
7	28.00	0.339	5.13	98.27	124.094	97.67	0.

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Report date: 1/25/2018 10:18:15 AM
Printed by: wet

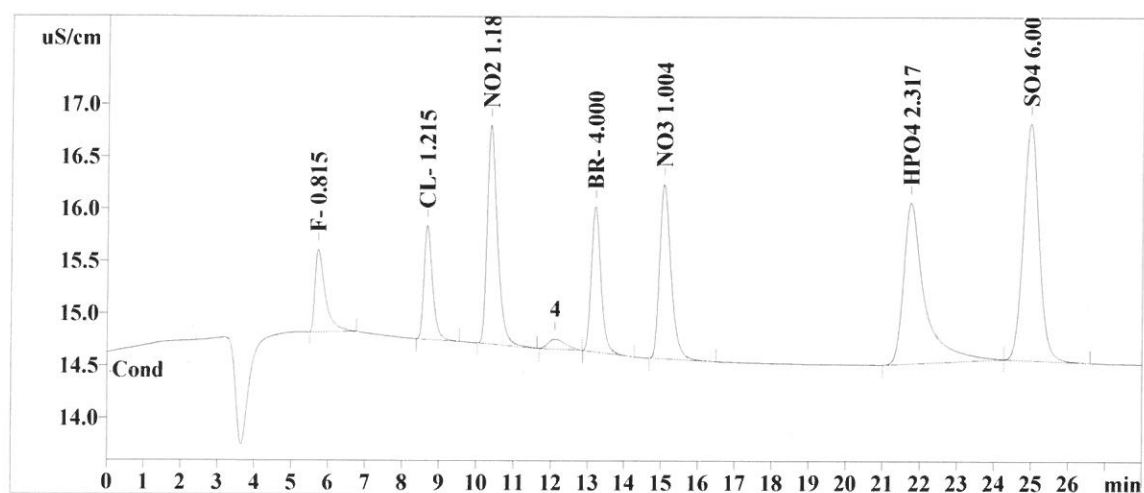
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Analysis from: 1/22/2018 1:41:48 PM
File: _2018-01-22_

Last save: 1/22/2018 2:09:38 PM

Method: ANIONS 01-22-18.mtw
Run operator: wet
Analysis number: 60772

Last save: 1/22/2018 1:38:42 PM

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	0.273	0.78	7.18	15.215	5.73	0.
2	8.66	0.244	1.09	9.96	17.721	6.67	0.
3	10.37	0.280	2.09	19.13	39.605	14.91	0.
4	13.19	0.277	1.39	12.71	25.580	9.63	0.
5	15.06	0.318	1.67	15.26	35.745	13.46	0.
6	21.74	0.506	1.54	14.09	61.208	23.05	0.
7	24.97	0.450	2.27	20.75	67.285	25.34	0.
7	28.00	0.335	10.82	99.08	262.359	98.80	0.

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Report date: 1/25/2018 10:18:26 AM
 Printed by: wet

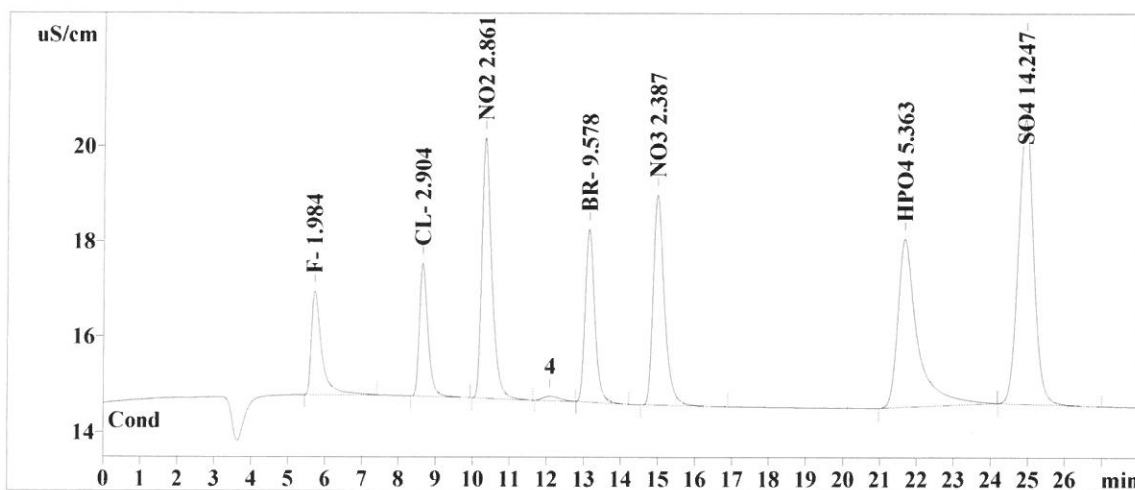
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 File: _2018-01-22_

Last save: 1/22/2018 2:40:32 PM

Method: ANIONS 01-22-18.mtw
 Run operator: wet
 Analysis number: 60773

Last save: 1/22/2018 2:14:14 PM

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	5.70	0.269	2.17	7.74	42.894	6.52	0.
2	8.63	0.242	2.79	9.94	45.512	6.92	0.
3	10.33	0.279	5.46	19.49	103.253	15.70	0.
4	13.13	0.272	3.63	12.93	65.804	10.00	0.
5	14.97	0.307	4.41	15.72	92.287	14.03	0.
6	21.66	0.486	3.52	12.55	132.423	20.13	0.
7	24.91	0.436	5.97	21.29	172.496	26.23	0.
7	28.00	0.327	27.95	99.66	654.668	99.54	0.

This report has been created by IC Net
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Report date: 1/25/2018 10:18:59 AM
Printed by: wet

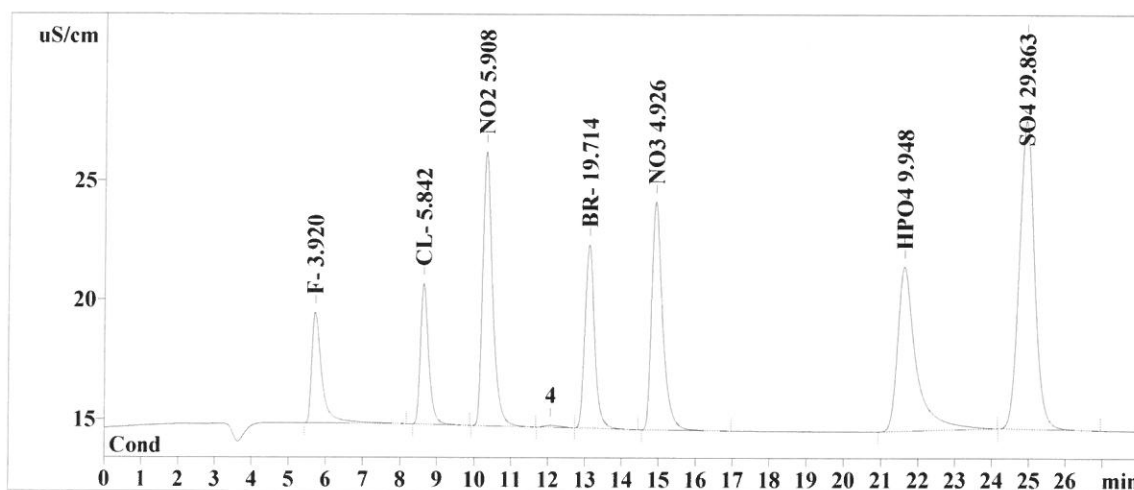
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Analysis from: 1/22/2018 2:43:37 PM
File: _2018-01-22_

Last save: 1/22/2018 3:11:26 PM

Method: ANIONS 01-22-18.mtw
Run operator: wet
Analysis number: 60774

Last save: 1/22/2018 2:40:32 PM

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	5.70	0.259	4.62	7.83	88.940	6.55	0.
2	8.62	0.238	5.88	9.95	94.308	6.95	0.
3	10.31	0.283	11.48	19.44	219.195	16.15	0.
4	13.11	0.272	7.66	12.98	139.288	10.26	0.
5	14.90	0.301	9.55	16.16	196.588	14.49	0.
6	21.61	0.461	6.87	11.63	240.416	17.72	0.
7	24.90	0.439	12.91	21.85	375.576	27.68	0.
7	28.00	0.322	58.97	99.85	1354.311	99.80	0.

This report has been created by IC Net
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Report date: 1/25/2018 10:19:28 AM
Printed by: wet

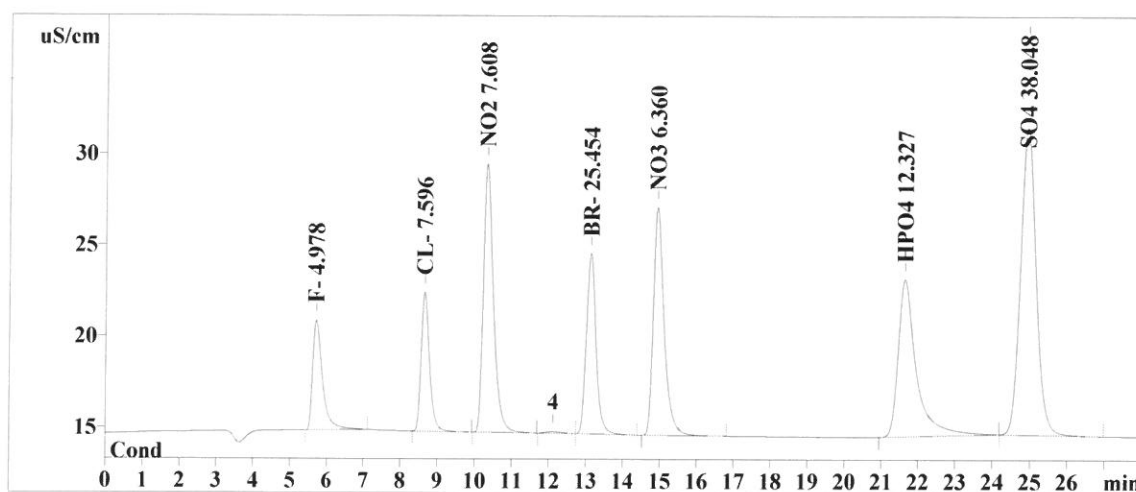
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Analysis from: 1/22/2018 3:14:32 PM
File: _2018-01-22_

Last save: 1/22/2018 3:42:20 PM

Method: ANIONS 01-22-18.mtw
Run operator: wet
Analysis number: 60775

Last save: 1/22/2018 3:11:26 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.70	0.259	5.99	7.87	110.069	6.35	0.
2	8.63	0.237	7.61	9.99	121.286	7.00	0.
3	10.31	0.286	14.71	19.31	282.692	16.32	0.
4	13.13	0.276	9.87	12.96	181.458	10.47	0.
5	14.91	0.299	12.49	16.39	255.669	14.76	0.
6	21.62	0.456	8.59	11.28	295.846	17.08	0.
7	24.91	0.433	16.83	22.09	483.006	27.88	0.
7	28.00	0.321	76.11	99.89	1730.027	99.85	0.

This report has been created by IC Net
METROHM LTD

Report date: 1/25/2018 10:20:00 AM
Printed by: wet

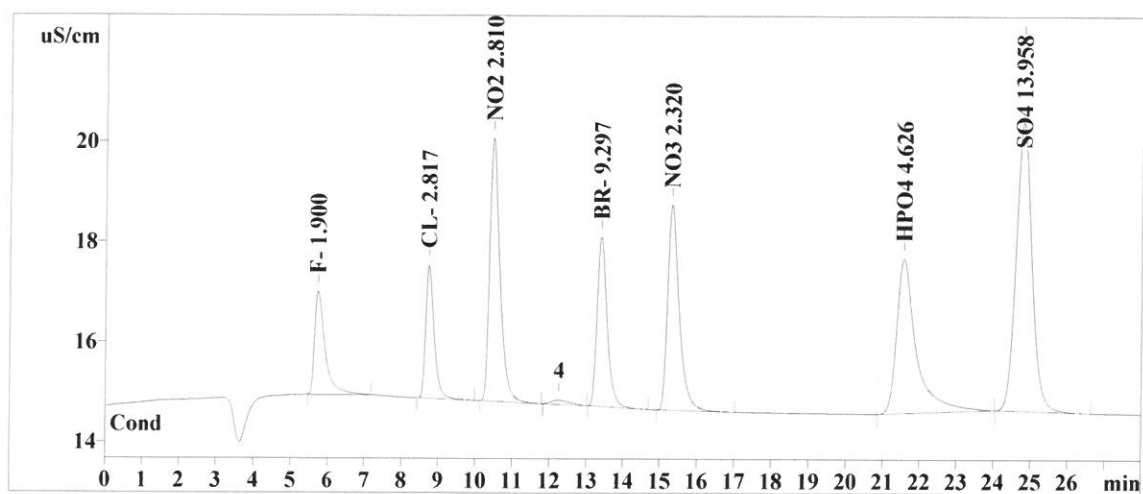
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File: _2018-01-23_

Last save: 1/23/2018 11:13:08 AM

Method: ANIONS 01-22-18.mtw
Run operator: wet
Analysis number: 60782

Last save: 1/22/2018 3:42:20 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	5.72	0.273	2.06	7.81	40.809	6.47	0.
2	8.72	0.248	2.66	10.06	44.165	7.00	0.
3	10.47	0.286	5.26	19.91	101.449	16.07	0.
4	13.39	0.283	3.39	12.83	64.335	10.19	0.
5	15.30	0.323	4.10	15.53	90.282	14.31	0.
6	21.56	0.485	3.09	11.69	115.379	18.28	0.
7	24.79	0.449	5.76	21.83	171.705	27.21	0.
7	28.00	0.335	26.31	99.66	628.124	99.53	0.

This report has been created by IC Net
METROHM LTD

Report date: 1/25/2018 10:20:11 AM
Printed by: wet

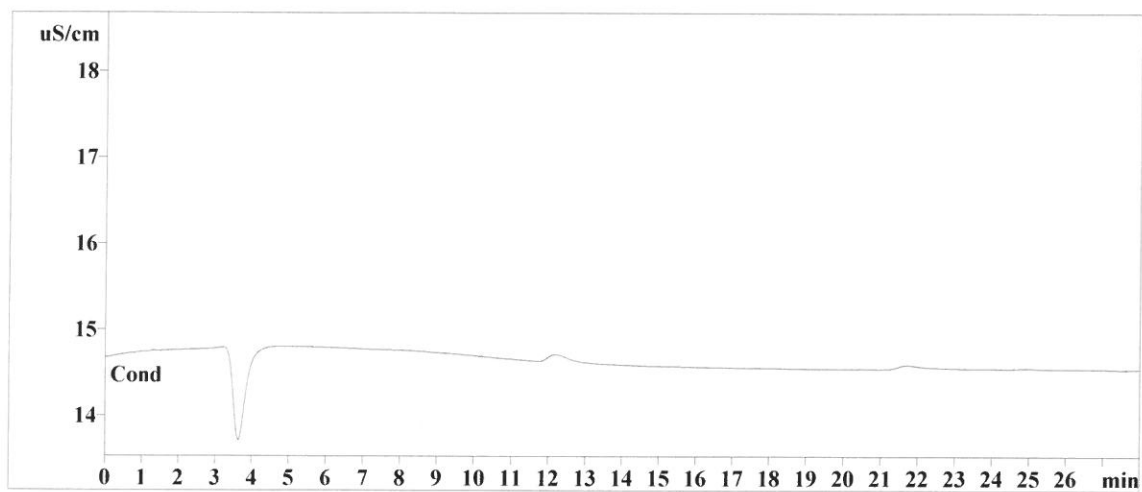
Ident: ICB
Analysis from: 1/23/2018 11:23:25 AM
File: _2018-01-23_

Last save: 1/23/2018 12:44:36 PM

Method: ANIONS 01-22-18.mtw
Run operator: wet
Analysis number: 60783

Last save: 1/22/2018 3:42:20 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: 2/8/2018 4:35:32 PM
Printed by: wet

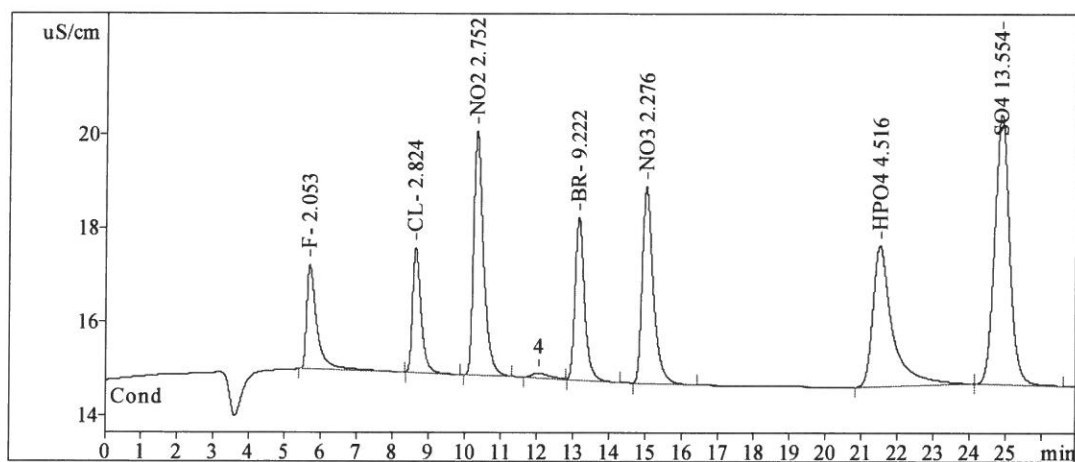
Ident: CCV
Analysis from: 2/7/2018 11:28:05 AM
File: _2018-02-07_

Last save: 2/7/2018 11:54:54 AM

Method: ANIONS 01-22-18.mtw
Run operator: wet
Analysis number: 60926

Last save: 2/7/2018 11:54:42 AM

SAMPLE:
: AK/AP
Vial number: 2
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	K'	Reso.
1	5.68	0.258	2.24	8.39	44.261	7.11	0.00	
2	8.62	0.244	2.67	10.03	44.275	7.11	0.00	
3	10.32	0.280	5.21	19.55	99.252	15.94	0.00	
4	13.16	0.273	3.47	13.03	63.793	10.24	0.00	
5	15.02	0.309	4.19	15.73	88.484	14.21	0.00	
6	21.51	0.485	3.00	11.25	112.804	18.11	0.00	
7	24.88	0.434	5.76	21.62	166.485	26.73	0.00	
7	27.00	0.326	26.55	99.61	619.353	99.46	0.00	

This report has been created by IC Net
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Report date: 2/8/2018 4:37:30 PM
Printed by: wet

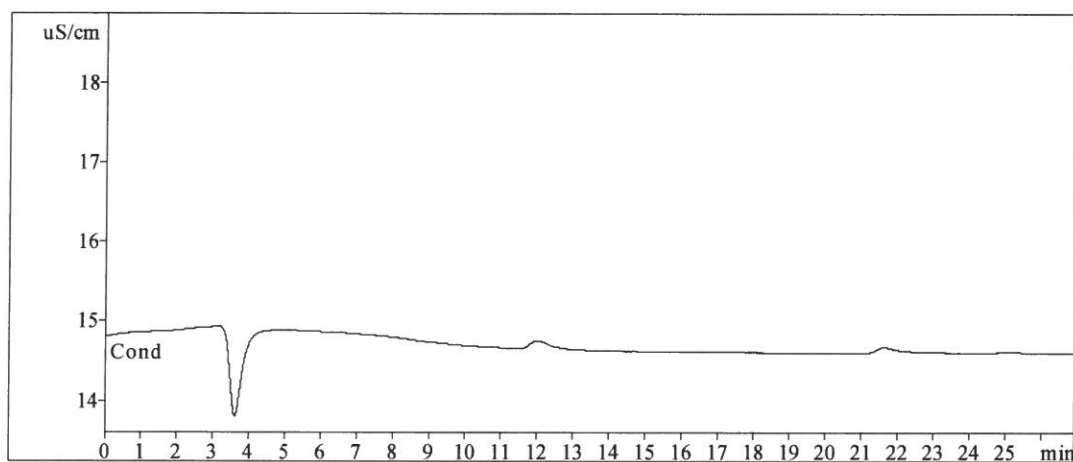
Ident: CCB
Analysis from: 2/7/2018 11:58:40 AM
File: _2018-02-07_

Last save: 2/8/2018 4:36:42 PM

Method: ANIONS 01-22-18.mtw
Run operator: wet
Analysis number: 60927

Last save: 2/7/2018 11:54:42 AM

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 2/8/2018 4:37:43 PM
Printed by: wet

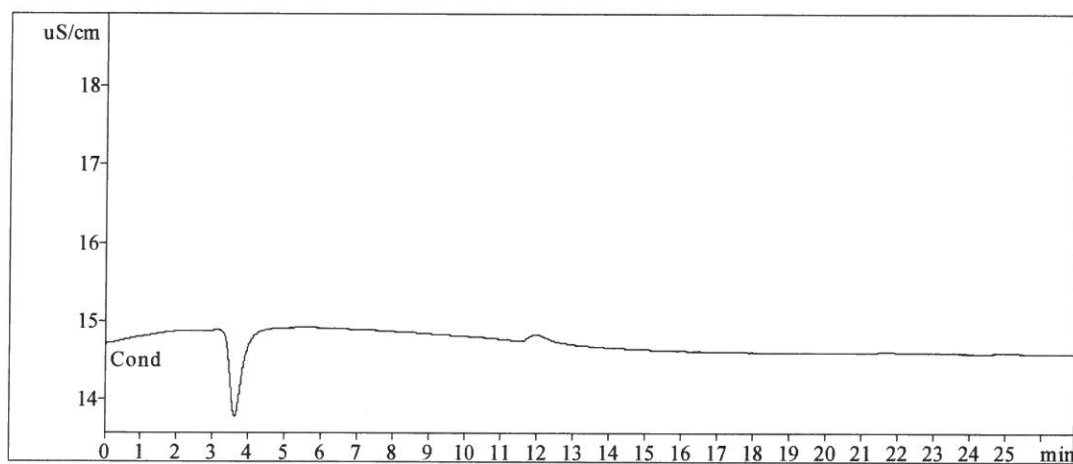
Ident: LB93160BLW
Analysis from: 2/7/2018 12:35:31 PM
File: _2018-02-07_

Last save: 2/8/2018 4:36:42 PM

Method: ANIONS 01-22-18.mtw
Run operator: wet
Analysis number: 60928

Last save: 2/7/2018 11:54:42 AM

SAMPLE:
: AK/AP
Vial number: 4
Volume: 20.0 μ L
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 2/8/2018 4:37:56 PM
 Printed by: wet

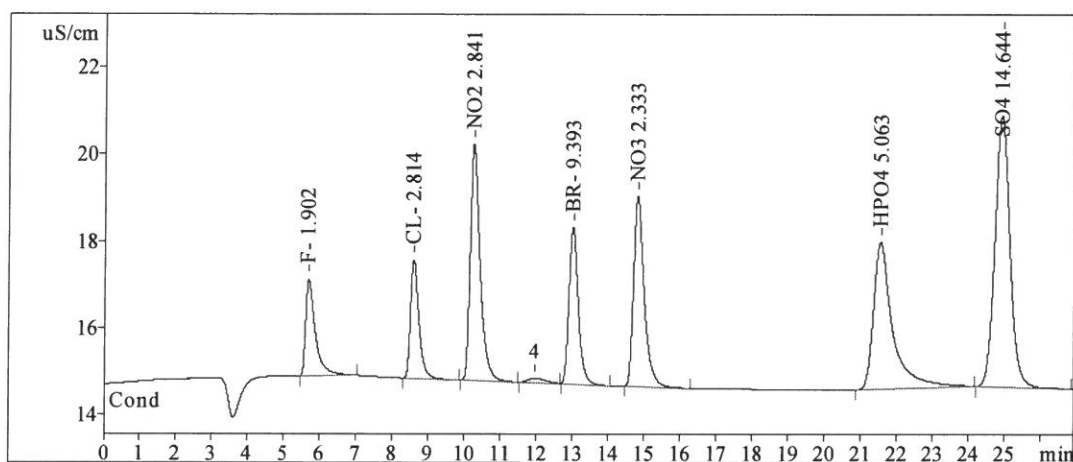
Ident: LB93160BSW
 Analysis from: 2/7/2018 1:05:26 PM
 File: _2018-02-07_

Last save: 2/8/2018 4:34:06 PM

Method: ANIONS 01-22-18.mtw
 Run operator: wet
 Analysis number: 60929

Last save: 2/7/2018 11:54:42 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 %	K'	Resol
1	5.69	0.256	2.22	7.90	40.868	6.26	0.00	
2	8.59	0.239	2.72	9.70	44.128	6.76	0.00	
3	10.25	0.277	5.42	19.32	102.607	15.72	0.00	
4	13.01	0.270	3.59	12.80	65.028	9.96	0.00	
5	14.82	0.304	4.38	15.61	90.836	13.91	0.00	
6	21.55	0.478	3.39	12.08	125.603	19.24	0.00	
7	24.92	0.435	6.24	22.24	180.572	27.66	0.00	
7	27.00	0.323	27.97	99.64	649.641	99.52	0.00	

This report has been created by IC Net
 METROHM LTD

Report date: 2/8/2018 4:40:23 PM
Printed by: wet

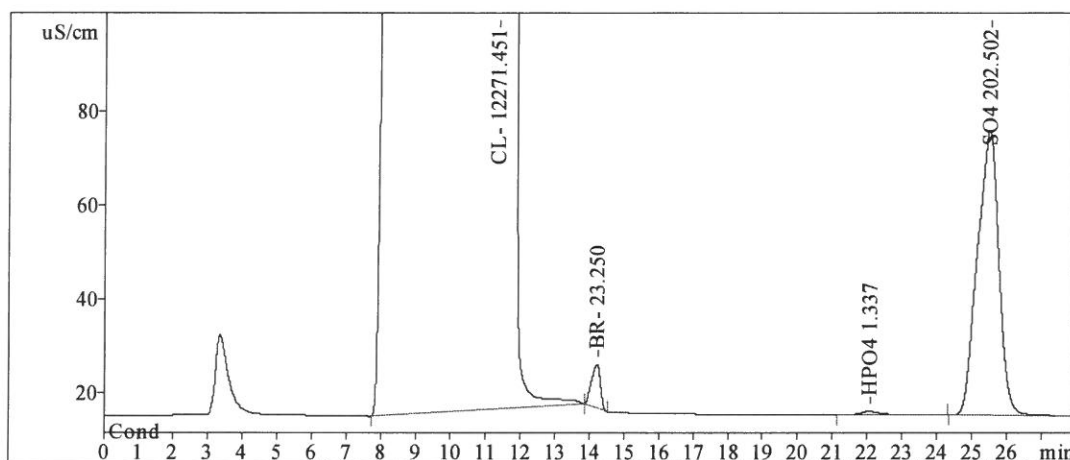
Ident: J1484-01
Analysis from: 2/7/2018 2:42:41 PM
File: _2018-02-07_

Last save: 2/8/2018 4:40:24 PM

Method: ANIONS 01-22-18.mtw
Run operator: wet
Analysis number: 60957

Last save: 2/8/2018 2:05:42 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 %	K'	Resol
1	0.00	0.000	0.00	0.00	0.000	0.00	0.00	
2	0.00	0.000	0.00	0.00	0.000	0.00	0.00	
3	11.35	2.957	1218.74	94.50	198010.137	98.60	0.00	
4	14.22	0.299	9.25	0.72	165.484	0.08	0.00	
5	0.00	0.000	0.00	0.00	0.000	0.00	0.00	
6	22.07	0.549	0.85	0.07	38.299	0.02	0.00	
7	25.50	0.694	60.79	4.71	2608.159	1.30	0.00	
7	28.00	0.643	1289.62	99.99	200822.079	100.00	0.00	

This report has been created by IC Net
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Report date: 2/8/2018 4:41:11 PM
Printed by: wet

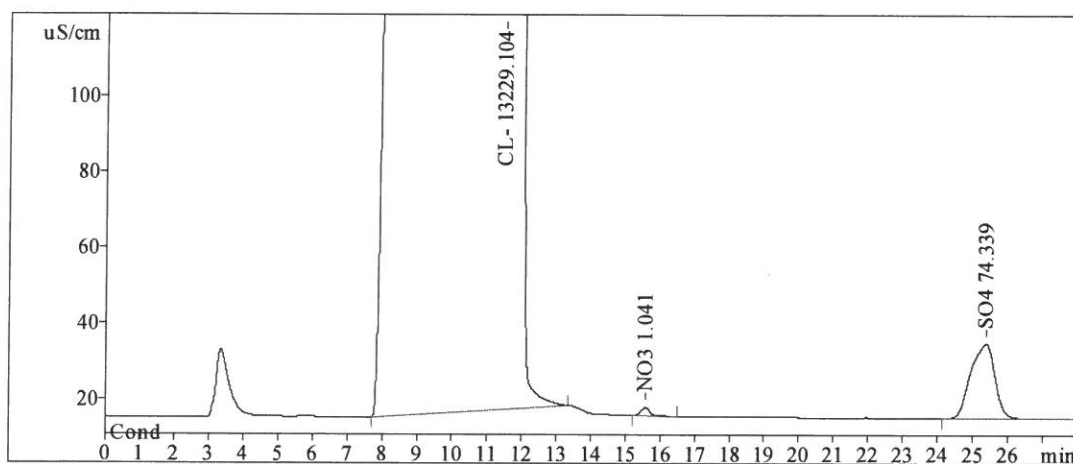
Ident: J1484-02
Analysis from: 2/7/2018 3:13:36 PM
File: _2018-02-07_

Last save: 2/8/2018 4:41:12 PM

Method: ANIONS 01-22-18.mtw
Run operator: wet
Analysis number: 60958

Last save: 2/8/2018 2:05:42 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 %	K'	Reso.
1	0.00	0.000	0.00	0.00	0.000	0.00	0.00	
2	0.00	0.000	0.00	0.00	0.000	0.00	0.00	
3	11.49	3.158	1230.41	98.25	213462.759	99.54	0.00	
4	0.00	0.000	0.00	0.00	0.000	0.00	0.00	
5	15.58	0.270	2.17	0.17	37.938	0.02	0.00	
6	0.00	0.000	0.00	0.00	0.000	0.00	0.00	
7	25.38	0.794	19.69	1.57	951.974	0.44	0.00	
7	28.00	0.603	1252.28	100.00	214452.672	100.00	0.00	

This report has been created by IC Net
METROHM LTD

Report date: 2/8/2018 4:41:30 PM
Printed by: wet

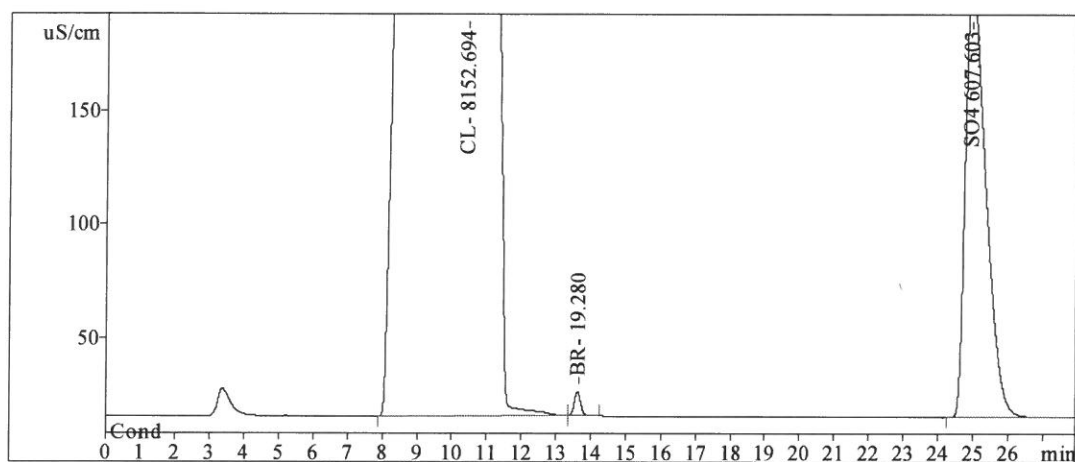
Ident: J1484-03
Analysis from: 2/7/2018 3:44:30 PM
File: _2018-02-07_

Last save: 2/8/2018 4:41:28 PM

Method: ANIONS 01-22-18.mtw
Run operator: wet
Analysis number: 60959

Last save: 2/8/2018 2:05:42 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 %	K'	Resol
1	0.00	0.000	0.00	0.00	0.000	0.00	0.00	
2	10.41	2.220	1030.54	83.16	131550.099	94.28	0.00	
3	0.00	0.000	0.00	0.00	0.000	0.00	0.00	
4	13.62	0.200	10.47	0.84	136.705	0.10	0.00	
5	0.00	0.000	0.00	0.00	0.000	0.00	0.00	
6	0.00	0.000	0.00	0.00	0.000	0.00	0.00	
7	24.92	0.612	198.24	16.00	7843.049	5.62	0.00	
7	28.00	0.433	1239.25	100.00	139529.853	100.00	0.00	

This report has been created by IC Net
METROHM LTD

Report date: 2/8/2018 4:42:55 PM
Printed by: wet

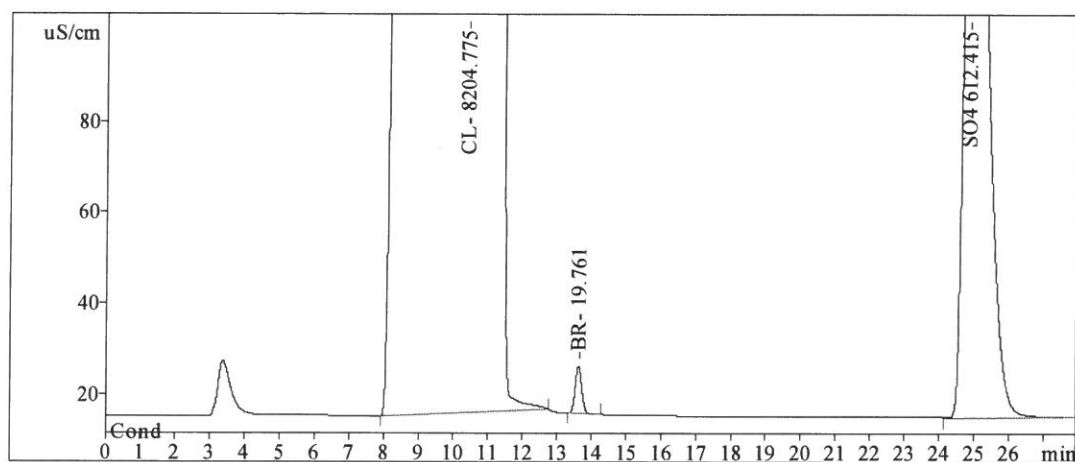
Ident: J1484-03DUP
Analysis from: 2/7/2018 4:15:25 PM
File: _2018-02-07_

Last save: 2/8/2018 4:42:56 PM

Method: ANIONS 01-22-18.mtw
Run operator: wet
Analysis number: 60960

Last save: 2/8/2018 2:05:42 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 %	K'	Reso.
1	0.00	0.000	0.00	0.00	0.000	0.00	0.00	
2	10.43	2.180	1026.15	83.11	132390.493	94.27	0.00	
3	0.00	0.000	0.00	0.00	0.000	0.00	0.00	
4	13.62	0.206	10.50	0.85	140.191	0.10	0.00	
5	0.00	0.000	0.00	0.00	0.000	0.00	0.00	
6	0.00	0.000	0.00	0.00	0.000	0.00	0.00	
7	24.86	0.618	198.08	16.04	7905.228	5.63	0.00	
7	28.00	0.429	1234.74	100.00	140435.912	100.00	0.00	

This report has been created by IC Net
METROHM LTD

Report date: 2/8/2018 4:43:36 PM
Printed by: wet

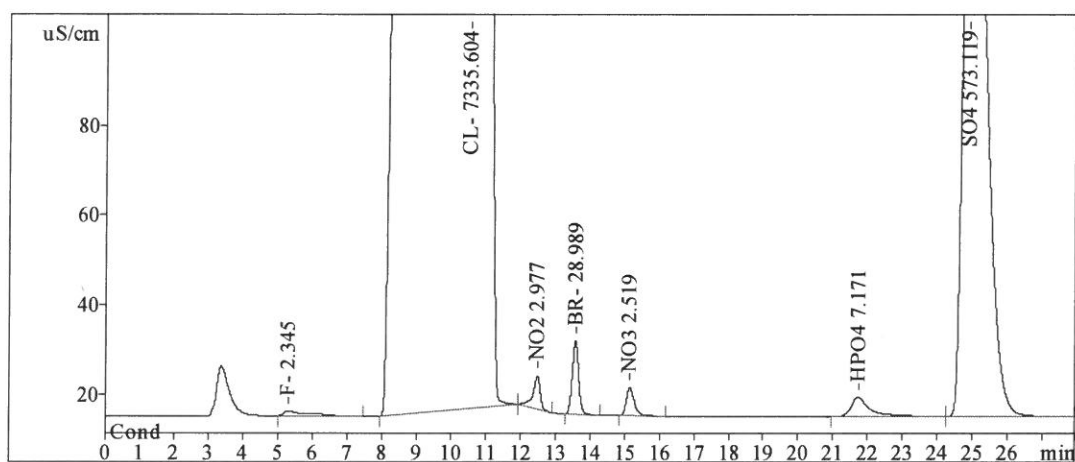
Ident: J1484-03MS
Analysis from: 2/7/2018 4:46:19 PM
File: _2018-02-07_

Last save: 2/8/2018 4:43:34 PM

Method: ANIONS 01-22-18.mtw
Run operator: wet
Analysis number: 60961

Last save: 2/8/2018 2:05:42 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 %	K'	Resol
1	5.31	0.495	1.06	0.08	50.818	0.04	0.00	
2	10.52	1.988	1037.41	82.14	118365.587	93.64	0.00	
3	12.48	0.194	7.39	0.59	107.764	0.09	0.00	
4	13.57	0.193	16.43	1.30	207.086	0.16	0.00	
5	15.14	0.237	6.22	0.49	98.436	0.08	0.00	
6	21.73	0.482	4.44	0.35	175.020	0.14	0.00	
7	24.89	0.603	190.03	15.05	7397.435	5.85	0.00	
7	28.00	0.599	1262.98	100.00	126402.146	100.00	0.00	

This report has been created by IC Net
METROHM LTD

Report date: 2/9/2018 8:31:19 AM
 Printed by: wet

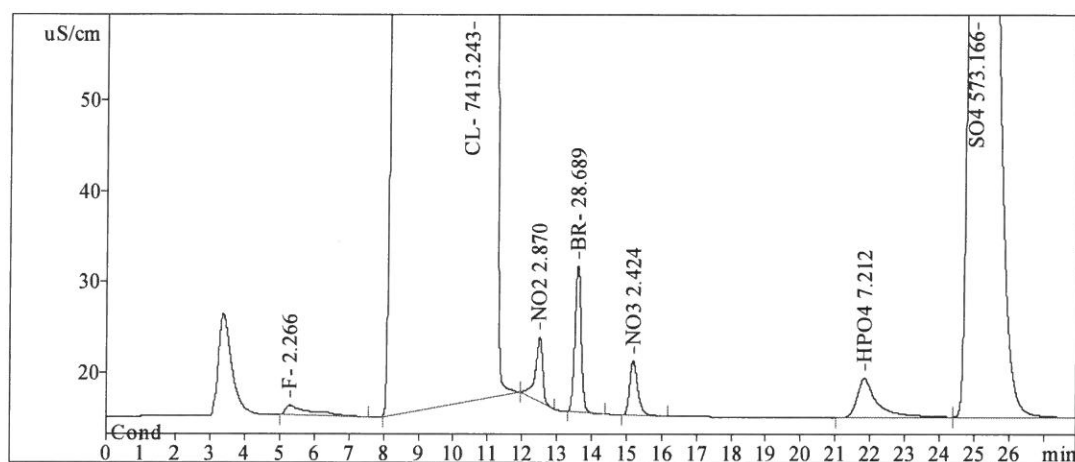
Ident: J1484-03MSD
 Analysis from: 2/7/2018 5:17:14 PM
 File: _2018-02-07_

Last save: 2/9/2018 8:31:16 AM

Method: ANIONS 01-22-18.mtw
 Run operator: wet
 Analysis number: 60962

Last save: 2/8/2018 2:05:42 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 %	K'	Reso.
1	5.30	0.496	1.02	0.08	49.055	0.04	0.00	
2	10.52	2.009	1033.43	82.15	119618.368	93.71	0.00	
3	12.51	0.196	7.12	0.57	103.731	0.08	0.00	
4	13.60	0.194	16.14	1.28	204.913	0.16	0.00	
5	15.19	0.238	5.97	0.47	94.558	0.07	0.00	
6	21.84	0.496	4.34	0.34	175.969	0.14	0.00	
7	25.01	0.603	190.03	15.11	7398.034	5.80	0.00	
7	28.00	0.605	1258.05	100.00	127644.628	100.00	0.00	

This report has been created by IC Net
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Report date: 2/9/2018 8:32:49 AM
Printed by: wet

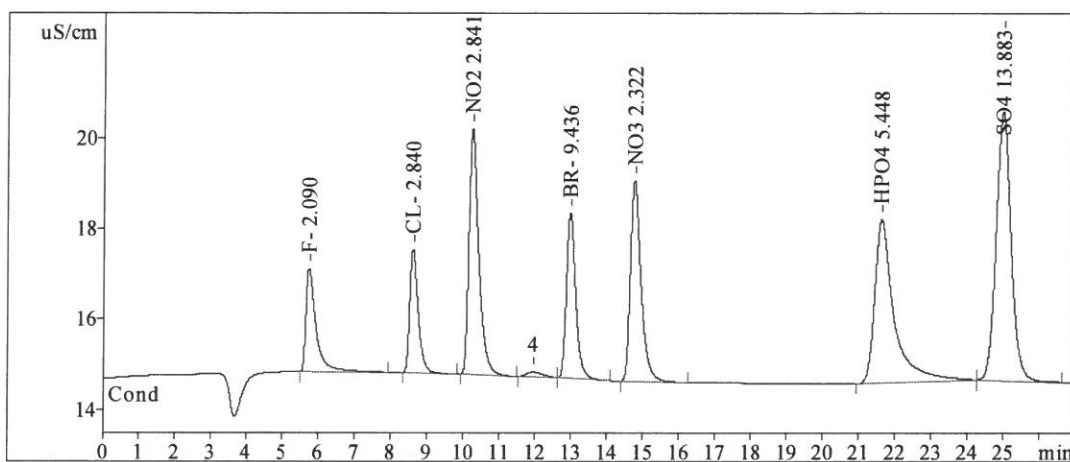
Ident: CCV
Analysis from: 2/7/2018 6:41:31 PM
File: _2018-02-07_

Last save: 2/7/2018 7:08:20 PM

Method: ANIONS 01-22-18.mtw
Run operator: wet
Analysis number: 60939

Last save: 2/7/2018 11:54:42 AM

SAMPLE:
: AK/AP
Vial number: 2
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	K'	Resol
1	5.73	0.262	2.29	8.11	45.089	6.86	0.00	
2	8.60	0.239	2.75	9.74	44.542	6.78	0.00	
3	10.24	0.277	5.42	19.20	102.630	15.62	0.00	
4	12.98	0.267	3.66	12.98	65.344	9.95	0.00	
5	14.77	0.299	4.44	15.74	90.391	13.76	0.00	
6	21.63	0.478	3.61	12.80	134.644	20.50	0.00	
7	24.99	0.435	5.93	21.02	170.730	25.99	0.00	
7	27.00	0.322	28.09	99.60	653.370	99.47	0.00	

This report has been created by IC Net
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Report date: 2/9/2018 8:32:59 AM
Printed by: wet

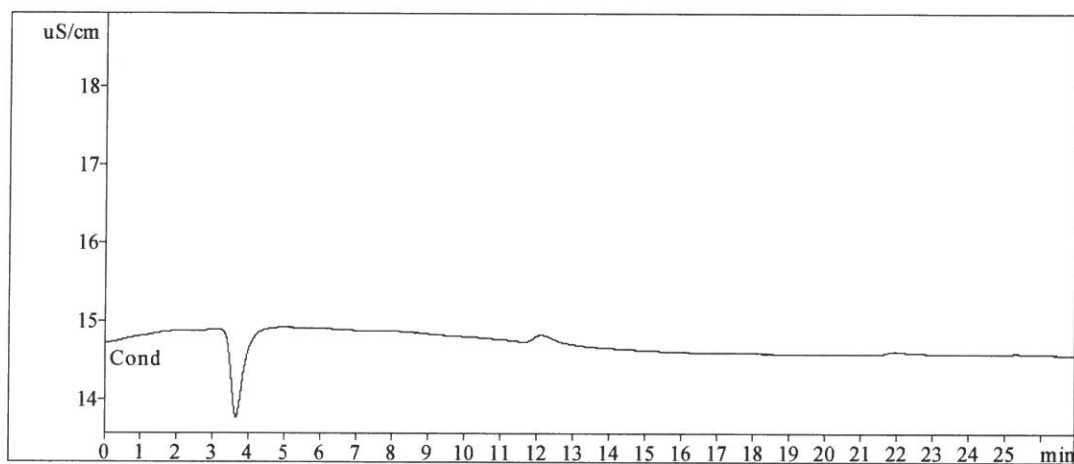
Ident: CCB
Analysis from: 2/7/2018 7:11:26 PM
File: _2018-02-07_

Last save: 2/8/2018 4:36:42 PM

Method: ANIONS 01-22-18.mtw
Run operator: wet
Analysis number: 60940

Last save: 2/7/2018 11:54:42 AM

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD