

IC-1 300.0

12-20-17 AK

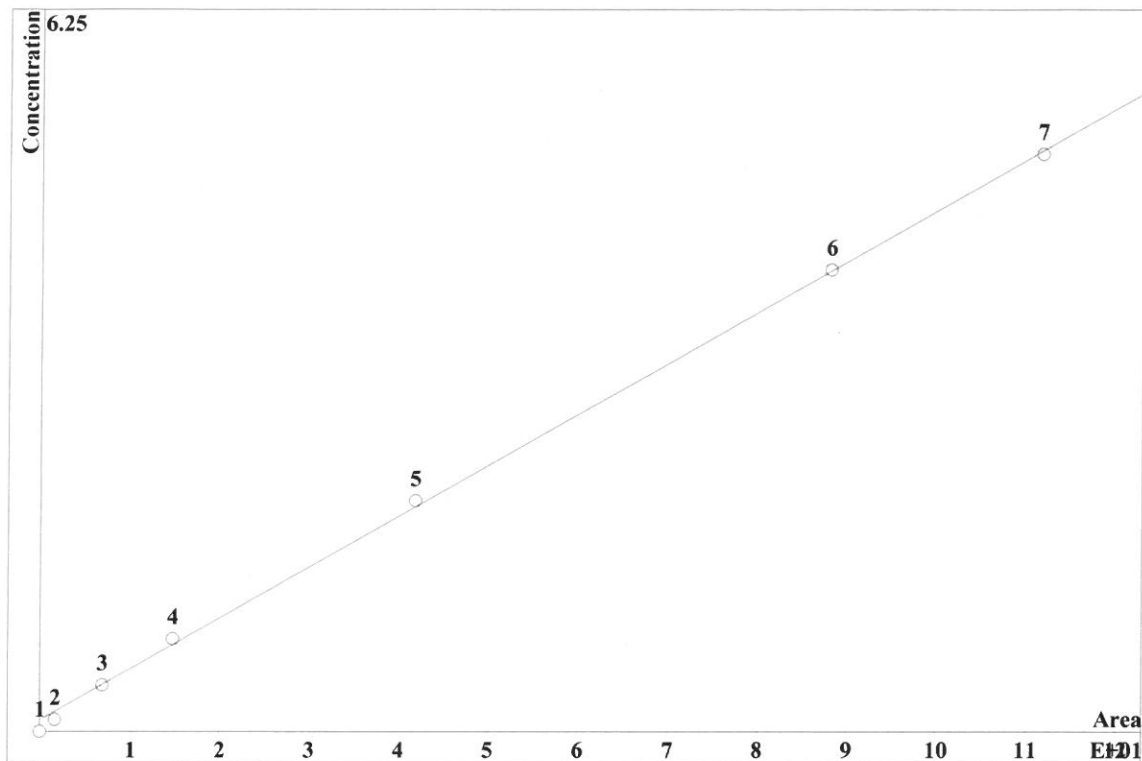
Clear table

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	_2017-12-08_	12/8/17 10:06
STD2	0.1460	0.2380	0.2510	0.8290	0.2160	-0.3540	0.0820	_2017-12-08_	12/8/17 10:49
STD3	0.3830	0.6310	0.6500	2.1540	0.5400	0.8850	2.3860	_2017-12-08_	12/8/17 11:20
STD4	0.7290	1.2060	1.1920	3.9670	0.9770	2.1260	4.9450	_2017-12-08_	12/8/17 11:51
STD5	1.9770	2.9270	2.9080	9.6040	2.3880	5.3900	14.3200	_2017-12-08_	12/8/17 12:22
STD6	4.0210	5.9890	5.9920	19.8470	4.9450	9.9150	30.0720	_2017-12-08_	12/8/17 12:53
STD7	5.0320	7.5750	7.5800	25.3030	6.3360	12.3720	37.7920	_2017-12-08_	12/8/17 13:23
ICV	1.8480	2.8820	2.8840	9.5830	2.3780	5.4040	14.1280	_2017-12-08_	12/8/17 13:54
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2017-12-08_	12/8/17 14:47
CCV	2.0520	2.8940	2.9140	9.6400	2.3990	5.5270	14.2910	_2017-12-19_	12/19/17 10:18
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2017-12-19_	12/19/17 10:49
LB92256BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2017-12-19_	12/19/17 11:20
LB92256BSW	2.0690	3.0320	2.9050	9.6230	2.4200	5.9100	14.5010	_2017-12-19_	12/19/17 12:28
I6992-01	0.0000	2555.7600	0.0000	0.0000	0.0000	4.3010	88.3350	_2017-12-19_	12/19/17 13:34
I6992-02	0.0000	169.6270	0.0000	0.0000	0.3550	2.5610	135.7630	_2017-12-19_	12/19/17 14:05
I6992-03	0.0000	133.0520	0.0000	0.0000	2.6870	0.0000	79.4690	_2017-12-19_	12/19/17 14:36
I6992-04	0.0000	2539.9190	0.0000	0.0000	0.1200	4.1310	82.3760	_2017-12-19_	12/19/17 15:07
I6992-03DUP	0.0000	133.1260	0.0000	0.0000	2.6990	0.0000	81.0070	_2017-12-19_	12/19/17 15:38
I6992-03MS	3.6850	121.9240	2.8580	9.9990	5.0630	8.4480	68.8970	_2017-12-19_	12/19/17 16:09
I6992-01DLX5	0.0000	506.7890	0.0000	0.0000	0.0000	1.1860	27.2170	_2017-12-19_	12/19/17 16:40
I6992-02DLX5	0.0000	30.4950	0.0000	0.0000	0.1550	0.4570	37.0080	_2017-12-19_	12/19/17 17:11
CCV	2.0770	3.0240	2.9750	9.8070	2.4560	4.6930	14.3390	_2017-12-19_	12/19/17 17:42
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2017-12-19_	12/19/17 18:13
I6992-03DLX5	0.0000	21.6740	0.0000	0.0000	0.5840	0.0000	10.6290	_2017-12-19_	12/19/17 18:43
I6992-04DLX5	0.0000	502.2410	0.0000	0.0000	0.0000	0.9240	27.2790	_2017-12-19_	12/19/17 19:14
CCV	1.9390	2.9500	2.8890	9.6360	2.4180	4.6200	14.3430	_2017-12-19_	12/19/17 19:45
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2017-12-19_	12/19/17 20:16

IC-1 Cal 12/8/17
ALR

CALIBRATION OF COMPONENT F-

Method: ANIONS 12-08-17.mtw
Equation: $Q = 0.882434 \cdot A + 2.02199$
RSD: 2.641 %
Correlation coefficient: 0.999715



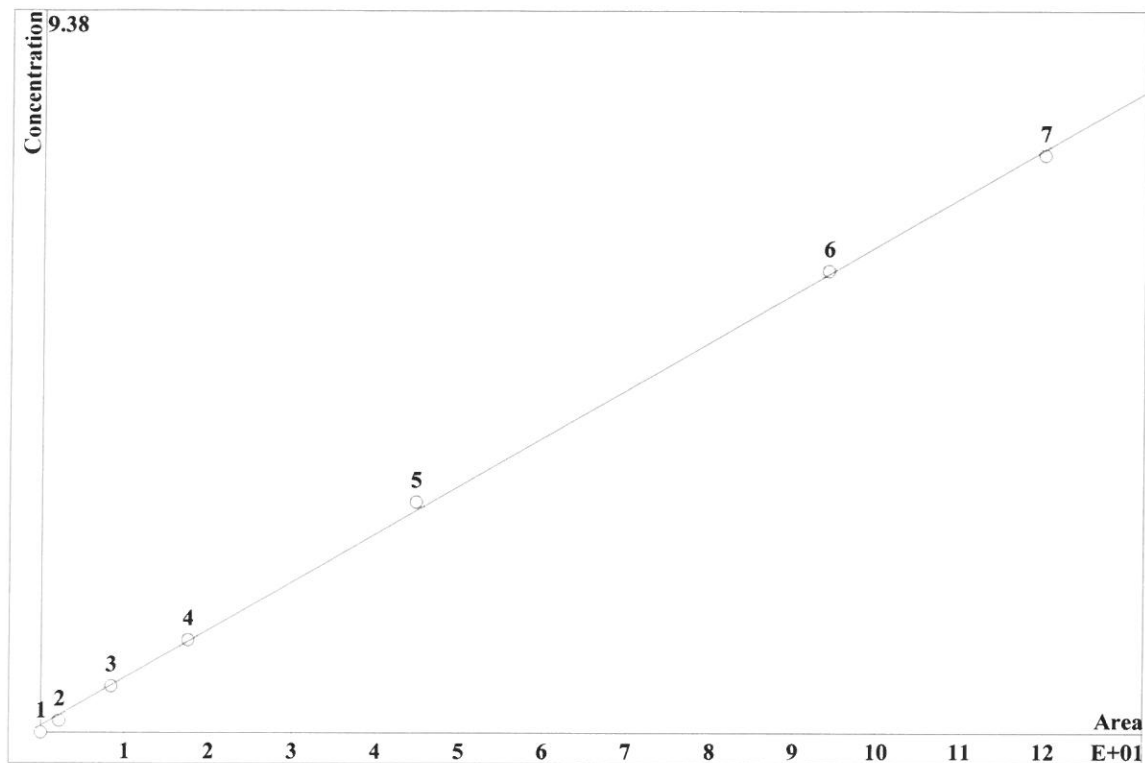
K3 = 0 K2 = 0 K1 = 0.882434 K0 = 2.02199

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	0.08596	1.638	0.1	20	5.921	Yes	
3	0.3965	6.912	0.4	20	5.921	Yes	
4	0.846	14.7	0.8	20	5.921	Yes	
5	2.409	41.86	2	20	5.921	Yes	
6	5.31	88.17	4	20	5.921	Yes	
7	6.742	111.7	5	20	5.921	Yes	

CALIBRATION OF COMPONENT CL-

Method: ANIONS 12-08-17.mtw
 Equation: $Q = 1.2481 \cdot A + 1.86112$
 RSD: 2.656 %
 Correlation coefficient: 0.999712



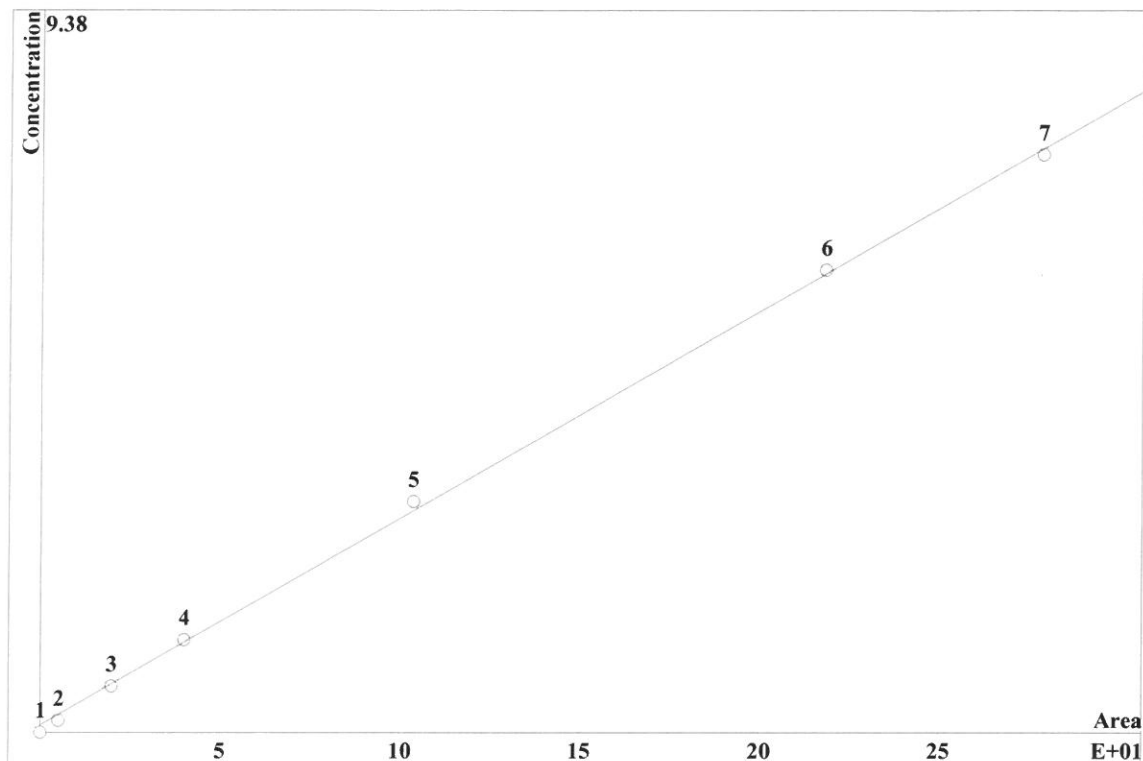
K3 = 0 K2 = 0 K1 = 1.2481 K0 = 1.86112

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	0.1348	2.178	0.15	20	8.982	Yes	
3	0.5319	8.354	0.6	20	8.982	Yes	
4	1.085	17.52	1.2	20	8.982	Yes	
5	2.806	44.79	3	20	8.982	Yes	
6	5.934	93.96	6	20	8.982	Yes	
7	7.578	119.9	7.5	20	8.982	Yes	

CALIBRATION OF COMPONENT NO2

Method: ANIONS 12-08-17.mtw
 Equation: $Q = 0.53685 \cdot A + 1.93411$
 RSD: 2.848 %
 Correlation coefficient: 0.999669



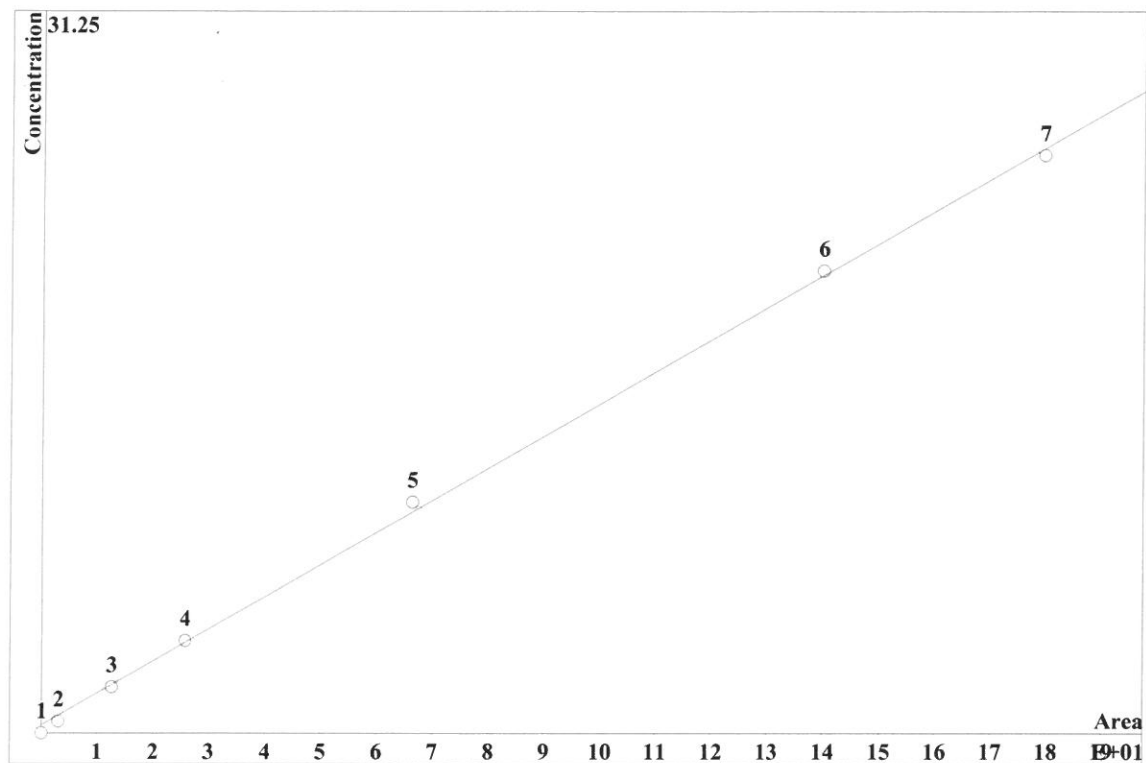
K3 = 0 K2 = 0 K1 = 0.53685 K0 = 1.93411

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	0.2591	4.986	0.15	20	10.72	Yes	
3	1.052	19.88	0.6	20	10.72	Yes	
4	2.132	40.1	1.2	20	10.72	Yes	
5	5.523	103.8	3	20	10.72	Yes	
6	11.48	218.2	6	20	10.72	Yes	
7	14.5	278.8	7.5	20	10.72	Yes	

CALIBRATION OF COMPONENT BR-

Method: ANIONS 12-08-17.mtw
 Equation: $Q = 2.78054 \cdot A + 6.98952$
 RSD: 3.081 %
 Correlation coefficient: 0.999613



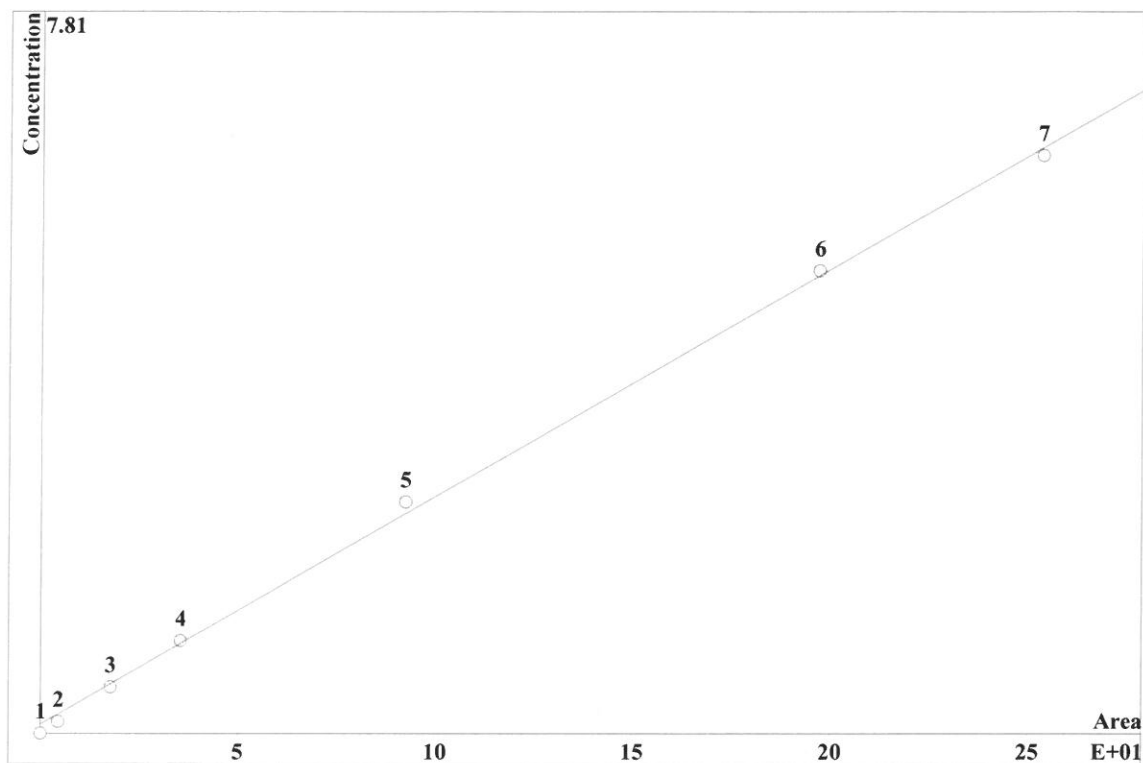
K3 = 0 K2 = 0 K1 = 2.78054 K0 = 6.98952

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	0.1622	3.035	0.5	20	13.6			Yes
3	0.6784	12.66	2	20	13.6			Yes
4	1.4	25.76	4	20	13.6			Yes
5	3.702	66.36	10	20	13.6			Yes
6	7.913	140	20	20	13.6			Yes
7	10.12	179.5	25	20	13.6			Yes

CALIBRATION OF COMPONENT NO3

Method: ANIONS 12-08-17.mtw
 Equation: $Q = 0.491724 \cdot A + 1.98825$
 RSD: 3.621 %
 Correlation coefficient: 0.999465



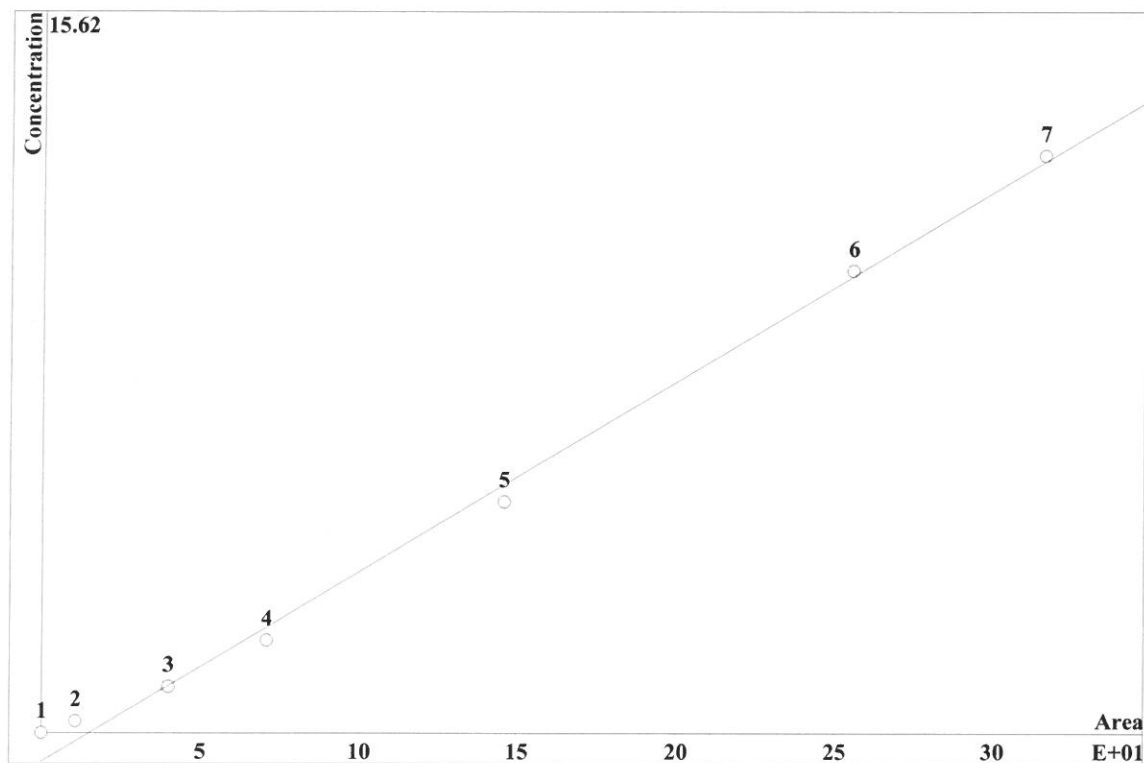
K3 = 0 K2 = 0 K1 = 0.491724 K0 = 1.98825

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	0.2063	4.445	0.125	20	15.49	Yes	
3	0.8322	17.7	0.5	20	15.49	Yes	
4	1.7	35.5	1	20	15.49	Yes	
5	4.503	92.6	2.5	20	15.49	Yes	
6	9.764	197.2	5	20	15.49	Yes	
7	12.59	253.7	6.25	20	15.49	Yes	

CALIBRATION OF COMPONENT HPO4

Method: ANIONS 12-08-17.mtw
 Equation: $Q = 0.822761 \cdot A - 12.4299$
 RSD: 6.476 %
 Correlation coefficient: 0.998287



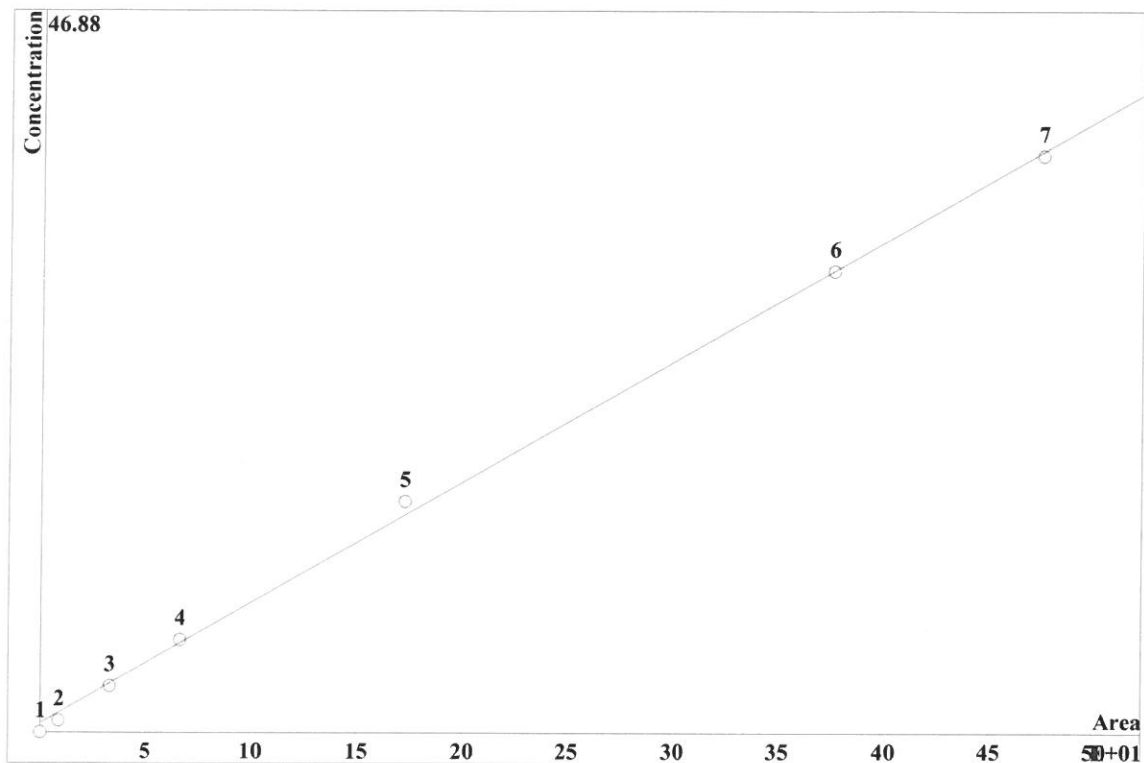
K3 = 0 K2 = 0 K1 = 0.822761 K0 = -12.4299

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	0.2595	10.63	0.25	20	22.72		Yes
3	0.9777	40.01	1	20	22.72		Yes
4	1.806	70.59	2	20	22.72		Yes
5	3.928	145.8	5	20	22.72		Yes
6	7.391	255.3	10	20	22.72		Yes
7	9.3	315.8	12.5	20	22.72		Yes

CALIBRATION OF COMPONENT SO4

Method: ANIONS 12-08-17.mtw
 Equation: $Q = 1.56642 \cdot A + 12.2759$
 RSD: 3.567 %
 Correlation coefficient: 0.999481



K3 = 0 K2 = 0 K1 = 1.56642 K0 = 12.2759

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	0.284	8.609	0.75	20	25.7		Yes
3	1.114	33.01	3	20	25.7		Yes
4	2.264	66.25	6	20	25.7		Yes
5	5.996	172.6	15	20	25.7		Yes
6	12.96	375.6	30	20	25.7		Yes
7	16.61	474.7	37.5	20	25.7		Yes

Report date: 12/11/2017 4:12:11 PM
Printed by: wet

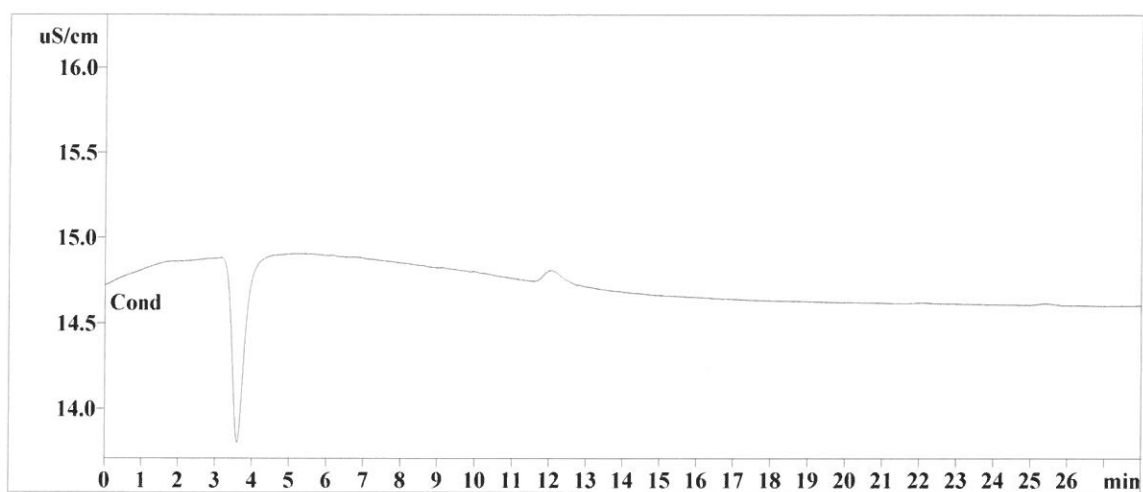
Ident: STD1
Analysis from: 12/8/2017 10:06:37 AM
File: _2017-12-08_

Last save: 12/11/2017 12:12:30 PM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60250

Last save: 12/8/2017 8:47:34 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: 12/11/2017 4:12:18 PM
Printed by: wet

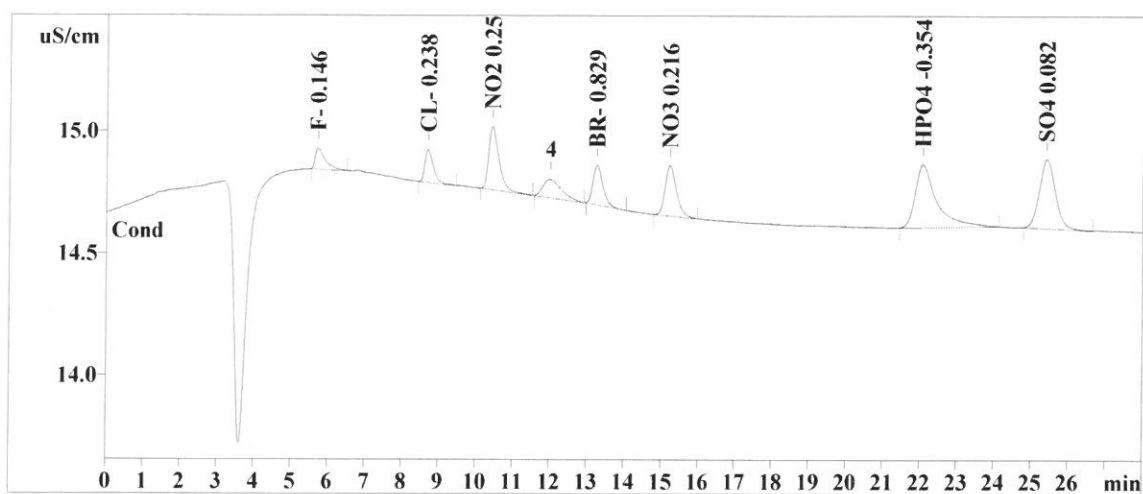
Ident: STD2
Analysis from: 12/8/2017 10:49:21 AM
File: _2017-12-08_

Last save: 12/8/2017 11:17:10 AM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60252

Last save: 12/8/2017 10:34:26 AM

SAMPLE:
: AP/AK
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	5.71	0.271	0.09	5.82	1.638	4.29	0.
2	8.70	0.243	0.13	9.18	2.178	5.70	0.
3	10.43	0.284	0.26	17.61	4.986	13.06	0.
4	13.26	0.283	0.16	10.99	3.035	7.95	0.
5	15.20	0.324	0.21	14.01	4.445	11.64	0.
6	22.07	0.535	0.26	17.62	10.626	27.83	0.
7	25.42	0.459	0.28	19.31	8.609	22.55	0.
7	28.00	0.343	1.39	94.53	35.516	93.01	0.

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Report date: 12/11/2017 4:12:24 PM
Printed by: wet

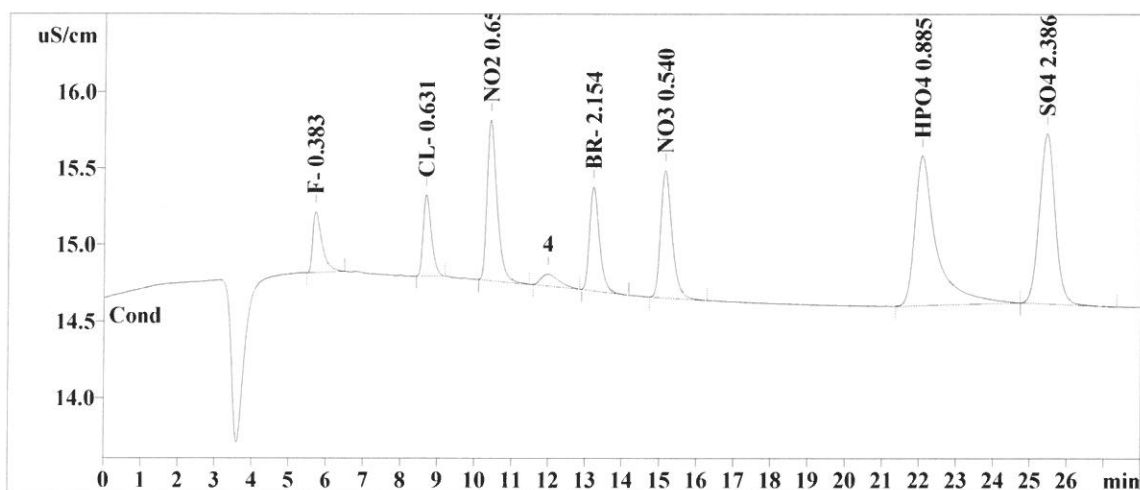
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Analysis from: 12/8/2017 11:20:16 AM
File: _2017-12-08_

Last save: 12/8/2017 11:48:04 AM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60253

Last save: 12/8/2017 11:17:10 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	5.70	0.253	0.40	6.99	6.912	4.90	0.
2	8.68	0.241	0.53	9.39	8.354	5.92	0.
3	10.42	0.282	1.05	18.56	19.881	14.08	0.
4	13.22	0.281	0.68	11.97	12.659	8.97	0.
5	15.13	0.316	0.83	14.70	17.695	12.54	0.
6	22.07	0.515	0.98	17.27	40.005	28.34	0.
7	25.44	0.448	1.11	19.67	33.006	23.38	0.
7	28.00	0.334	5.58	98.55	138.513	98.12	0.

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Report date: 12/11/2017 4:12:30 PM
Printed by: wet

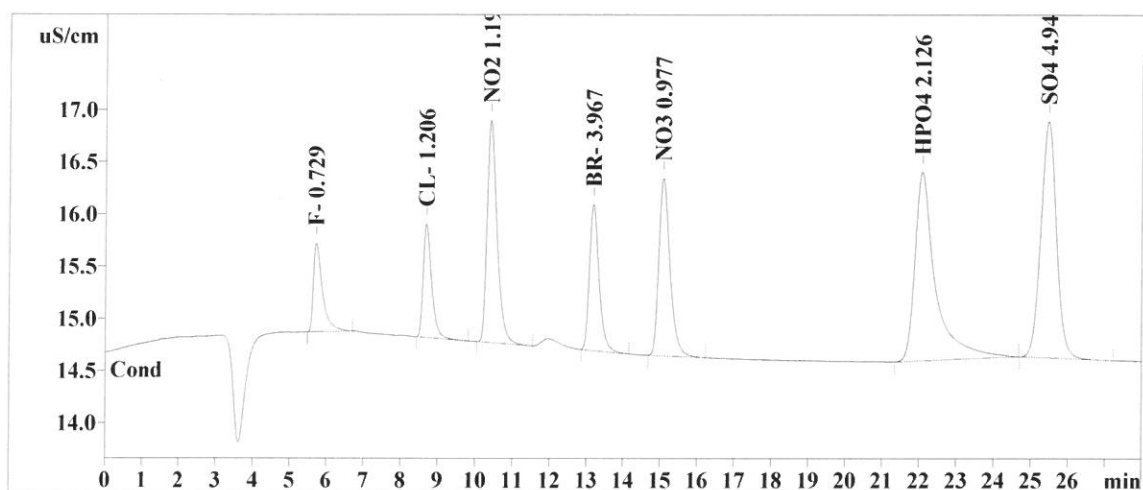
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Analysis from: 12/8/2017 11:51:10 AM
File: _2017-12-08_

Last save: 12/8/2017 12:19:00 PM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60254

Last save: 12/8/2017 11:48:04 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	0.246	0.85	7.53	14.704	5.44	0.
2	8.69	0.241	1.08	9.65	17.525	6.48	0.
3	10.40	0.282	2.13	18.97	40.100	14.83	0.
4	13.18	0.274	1.40	12.46	25.760	9.53	0.
5	15.07	0.310	1.70	15.13	35.497	13.13	0.
6	22.07	0.496	1.81	16.07	70.593	26.10	0.
7	25.45	0.443	2.26	20.15	66.251	24.50	0.
7	28.00	0.328	11.23	99.97	270.430	100.00	0.

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Report date: 12/11/2017 4:12:36 PM
Printed by: wet

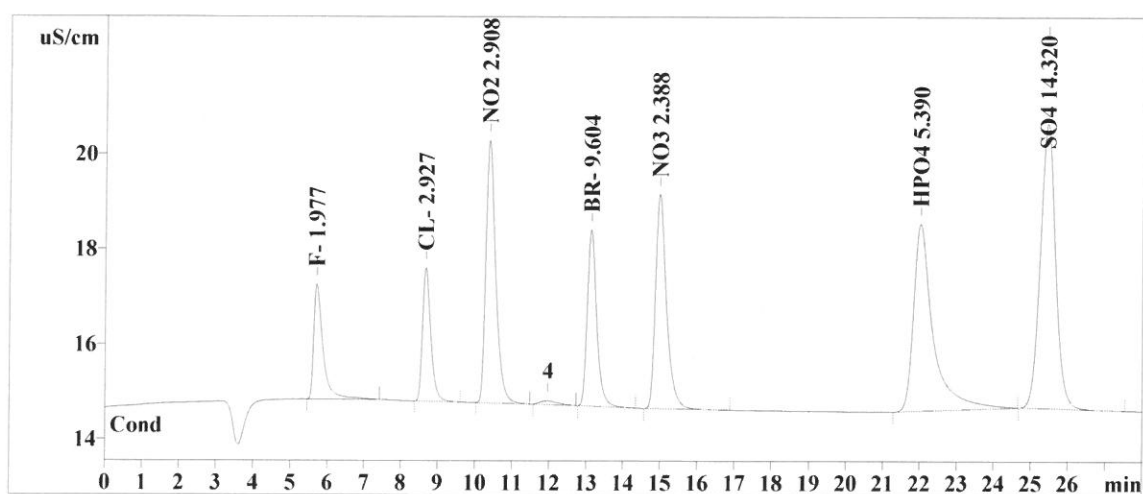
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Analysis from: 12/8/2017 12:22:05 PM
File: _2017-12-08_

Last save: 12/8/2017 12:49:54 PM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60255

Last save: 12/8/2017 12:19:00 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	5.69	0.239	2.41	8.32	41.855	6.24	0.
2	8.66	0.238	2.81	9.69	44.787	6.68	0.
3	10.37	0.282	5.52	19.08	103.756	15.48	0.
4	13.12	0.266	3.70	12.79	66.365	9.90	0.
5	14.97	0.302	4.50	15.55	92.596	13.81	0.
6	22.01	0.479	3.93	13.57	145.771	21.75	0.
7	25.43	0.435	6.00	20.71	172.636	25.75	0.
7	28.00	0.320	28.87	99.72	667.766	99.62	0.

This report has been created by IC Net
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Report date: 12/11/2017 4:12:41 PM
Printed by: wet

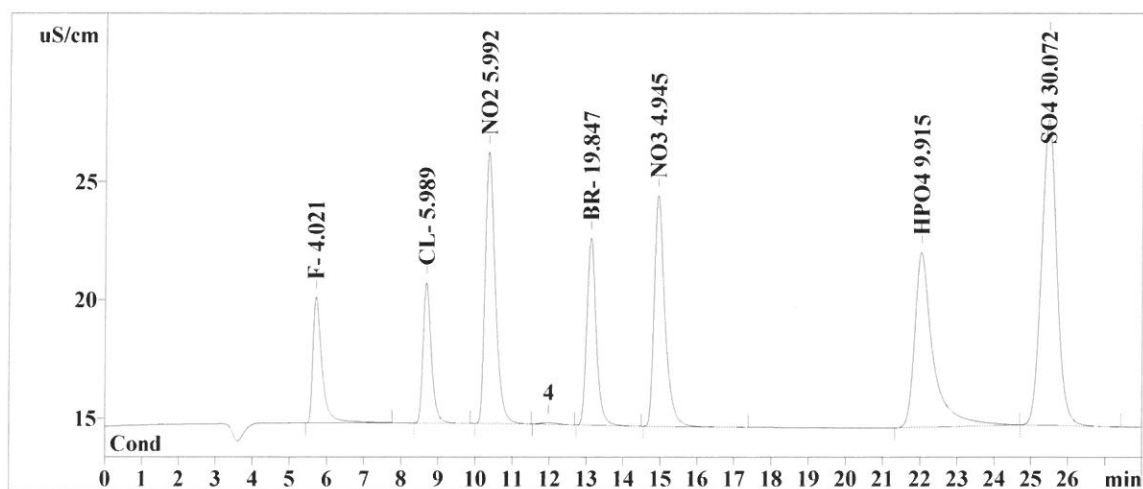
Ident: STD6
Analysis from: 12/8/2017 12:53:00 PM
File: _2017-12-08_

Last save: 12/8/2017 1:20:48 PM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60256

Last save: 12/8/2017 12:49:54 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	0.231	5.31	8.73	88.171	6.43	0.
2	8.67	0.236	5.93	9.76	93.962	6.85	0.
3	10.35	0.286	11.48	18.87	218.208	15.92	0.
4	13.11	0.263	7.91	13.01	139.969	10.21	0.
5	14.93	0.294	9.76	16.05	197.202	14.38	0.
6	22.02	0.452	7.39	12.15	255.288	18.62	0.
7	25.46	0.438	12.96	21.30	375.634	27.40	0.
7	28.00	0.314	60.74	99.87	1368.433	99.82	0.

This report has been created by IC Net
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Report date: 12/11/2017 4:12:47 PM
Printed by: wet

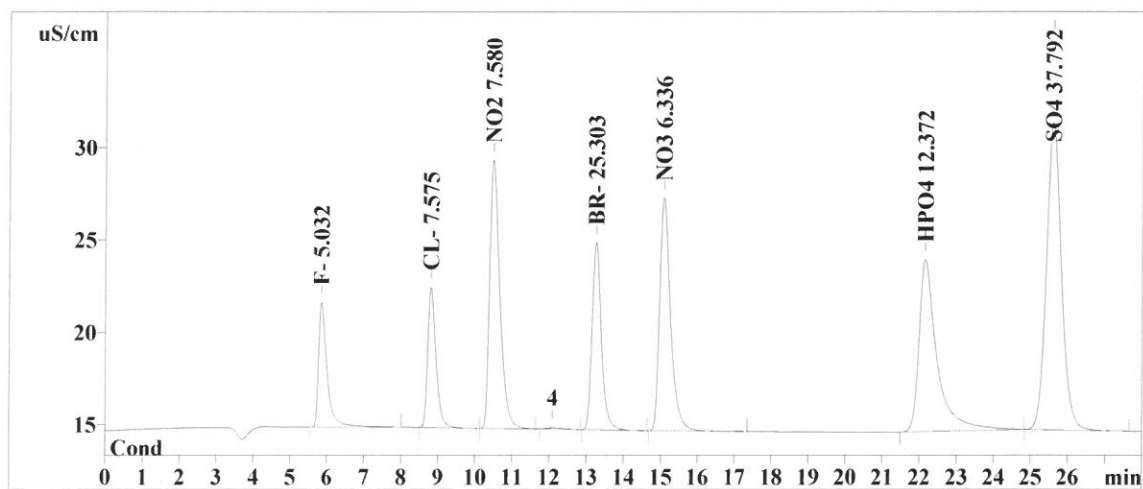
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Analysis from: 12/8/2017 1:23:54 PM
File: _2017-12-08_

Last save: 12/8/2017 1:51:44 PM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60257

Last save: 12/8/2017 1:20:48 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	5.85	0.230	6.74	8.70	111.746	6.44	0.
2	8.81	0.236	7.58	9.78	119.897	6.91	0.
3	10.49	0.289	14.50	18.71	278.797	16.06	0.
4	13.27	0.263	10.12	13.06	179.490	10.34	0.
5	15.07	0.293	12.59	16.24	253.655	14.61	0.
6	22.16	0.450	9.30	12.00	315.845	18.19	0.
7	25.60	0.430	16.61	21.42	474.689	27.34	0.
7	28.00	0.313	77.44	99.91	1734.119	99.88	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/11/2017 4:12:55 PM
Printed by: wet

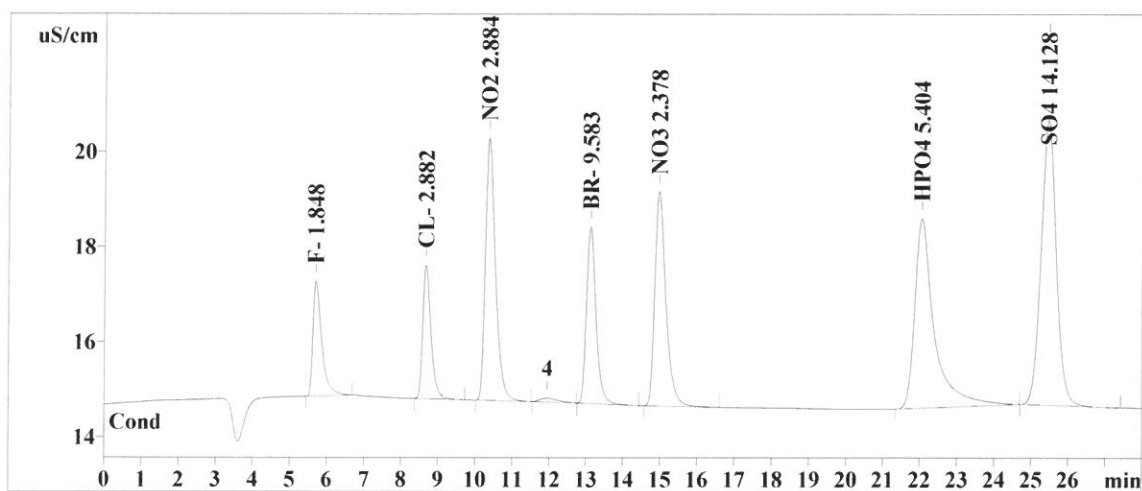
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Analysis from: 12/8/2017 1:54:49 PM
File: _2017-12-08_

Last save: 12/11/2017 11:56:46 AM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60258

Last save: 12/8/2017 1:51:44 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	5.70	0.235	2.41	8.32	39.588	5.92	0.
2	8.66	0.238	2.80	9.66	44.695	6.68	0.
3	10.36	0.282	5.52	19.02	103.852	15.52	0.
4	13.11	0.266	3.71	12.79	66.415	9.93	0.
5	14.96	0.302	4.51	15.53	92.690	13.86	0.
6	22.04	0.472	3.98	13.72	146.460	21.89	0.
7	25.44	0.434	6.00	20.67	172.543	25.79	0.
7	28.00	0.319	28.94	99.71	666.243	99.60	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/11/2017 4:13:03 PM
Printed by: wet

Ident: ICB
Analysis from: 12/8/2017 2:47:17 PM
File: _2017-12-08_

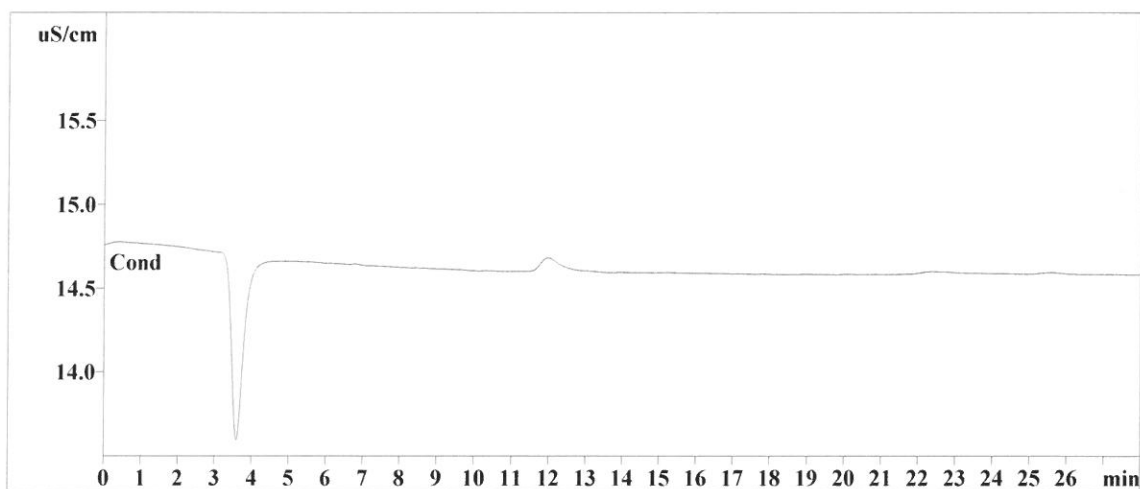
Last save: 12/11/2017 11:56:48 AM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60262

Last save: 12/8/2017 1:51:44 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: 12/20/2017 9:58:18 AM
Printed by: wet

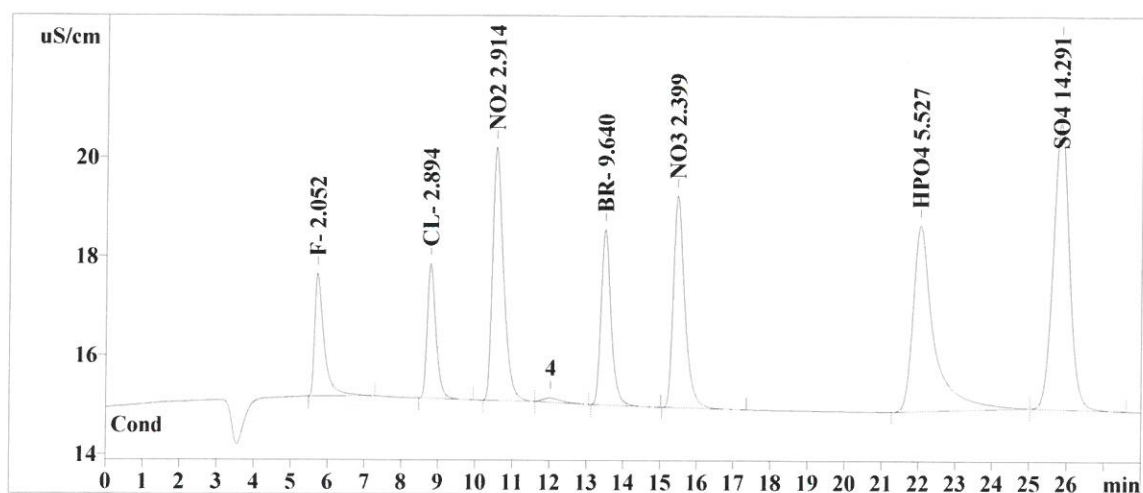
Ident: CCV
Analysis from: 12/19/2017 10:18:11 AM
File: _2017-12-19_

Last save: 12/19/2017 10:46:00 AM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60344

Last save: 12/8/2017 1:51:44 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	5.71	0.246	2.47	8.92	44.224	6.49	0.
2	8.78	0.247	2.72	9.81	44.888	6.59	0.
3	10.55	0.309	5.11	18.42	104.954	15.40	0.
4	13.49	0.280	3.54	12.75	66.829	9.81	0.
5	15.45	0.321	4.28	15.43	93.527	13.72	0.
6	22.04	0.502	3.75	13.52	149.467	21.93	0.
7	25.82	0.456	5.78	20.85	174.634	25.63	0.
7	28.00	0.337	27.65	99.69	678.522	99.57	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/20/2017 9:59:32 AM
Printed by: wet

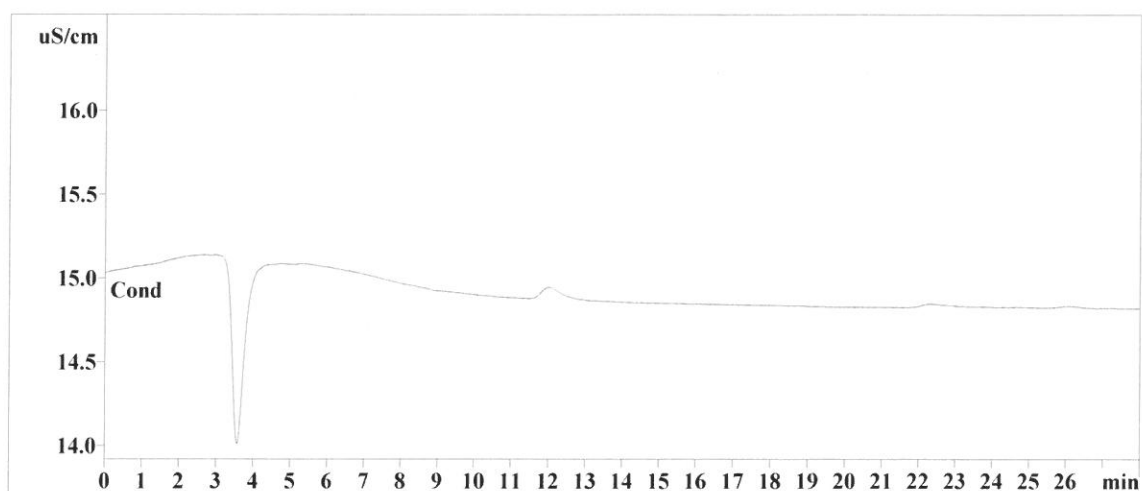
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Analysis from: 12/19/2017 10:49:38 AM
File: _2017-12-19_

Last save: 12/19/2017 11:17:28 AM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60345

Last save: 12/8/2017 1:51:44 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: 12/20/2017 10:00:04 AM
Printed by: wet

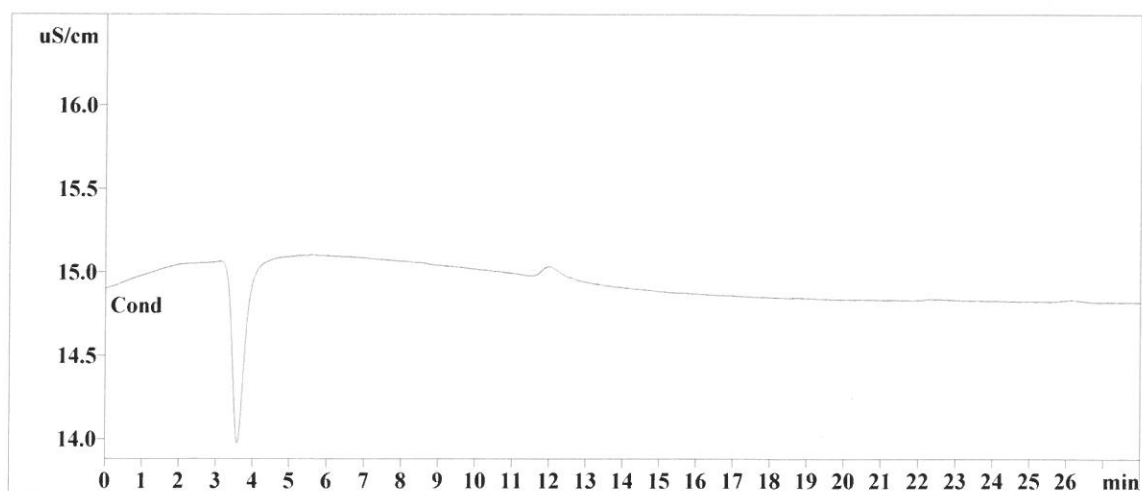
Ident: LB92256BLW
Analysis from: 12/19/2017 11:20:33 AM
File: _2017-12-19_

Last save: 12/20/2017 10:00:04 AM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60346

Last save: 12/8/2017 1:51:44 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: 12/20/2017 10:00:19 AM
Printed by: wet

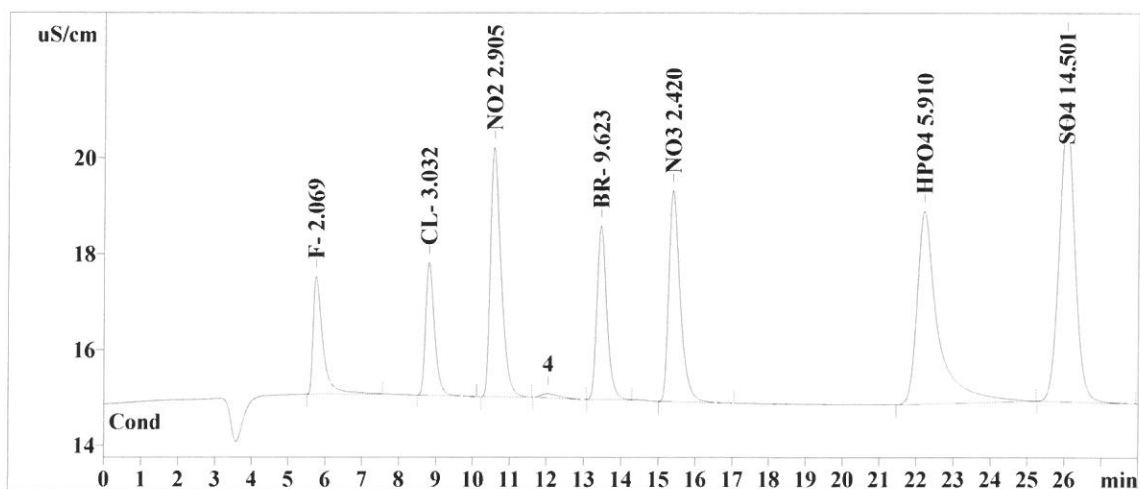
Ident: LB92256BSW
Analysis from: 12/19/2017 12:28:52 PM
File: _2017-12-19_

Last save: 12/19/2017 2:44:12 PM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60348

Last save: 12/8/2017 1:51:44 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	5.75	0.247	2.46	8.64	44.600	6.40	0.
2	8.80	0.253	2.77	9.75	47.091	6.76	0.
3	10.56	0.303	5.20	18.27	104.603	15.02	0.
4	13.45	0.276	3.62	12.72	66.705	9.58	0.
5	15.38	0.315	4.40	15.48	94.401	13.55	0.
6	22.21	0.498	4.02	14.12	158.771	22.79	0.
7	26.05	0.454	5.89	20.71	177.318	25.46	0.
7	28.00	0.335	28.36	99.69	693.489	99.56	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/20/2017 10:03:32 AM
Printed by: wet

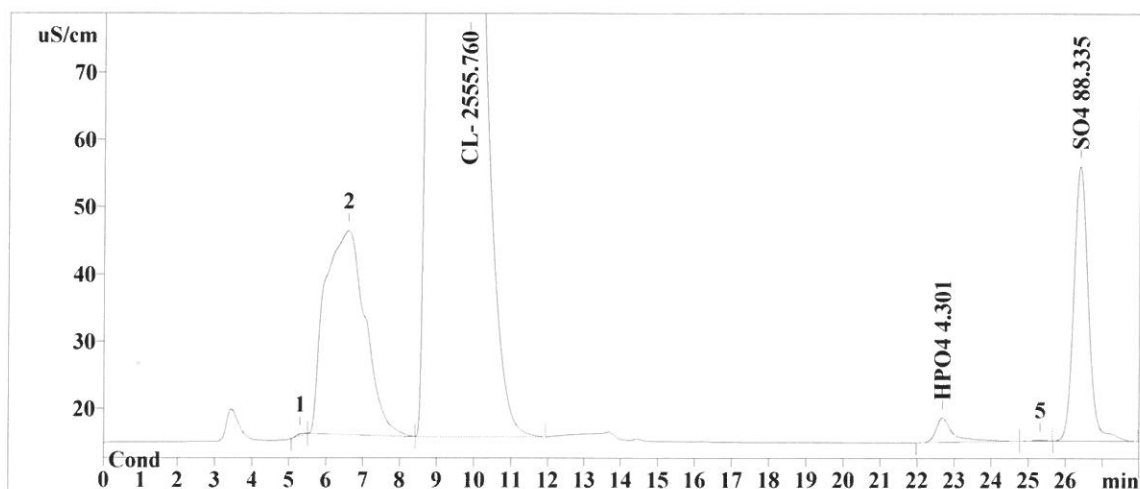
Ident: I6992-01
Analysis from: 12/19/2017 1:34:52 PM
File: _2017-12-19_

Last save: 12/19/2017 2:16:12 PM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60350

Last save: 12/8/2017 1:51:44 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	9.85	0.921	741.49	90.79	40952.821	92.04	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	22.68	0.393	3.64	0.45	119.649	0.27	0.
7	26.38	0.407	40.78	4.99	1120.017	2.52	0.
7	28.00	0.246	785.91	96.22	42192.487	94.82	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/20/2017 11:11:48 AM
 Printed by: wet

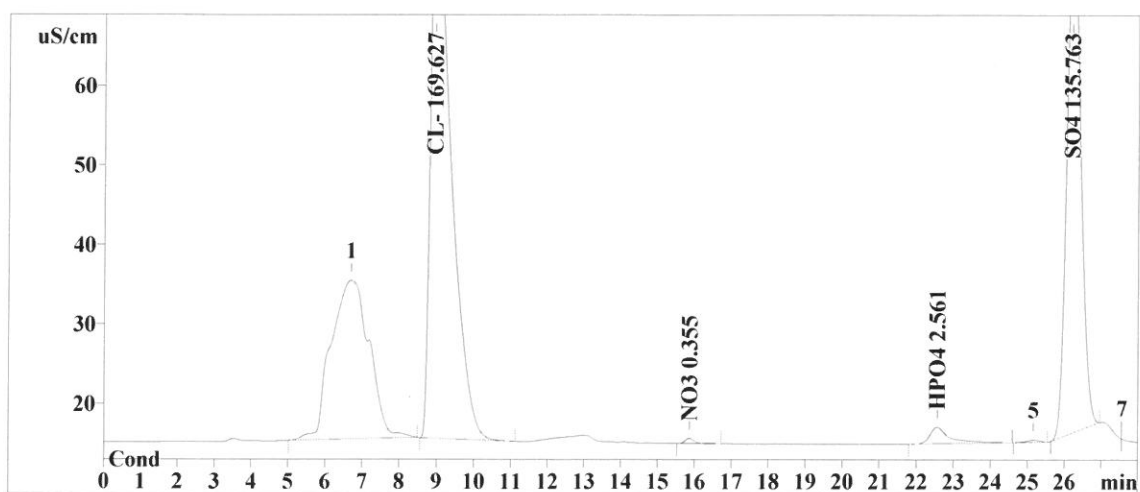
Ident: I6992-02
 Analysis from: 12/19/2017 2:05:47 PM
 File: _2017-12-19_

Last save: 12/20/2017 11:11:48 AM

Method: ANIONS 12-08-17.mtw
 Run operator: wet
 Analysis number: 60351

Last save: 12/8/2017 1:51:44 PM

SAMPLE:
 : AK/AP
 Vial number: 9
 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.93	0.505	79.17	47.35	2716.661	45.58	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	15.86	0.248	0.63	0.38	10.410	0.17	0.
6	22.55	0.442	2.09	1.25	77.360	1.30	0.
7	26.19	0.413	65.12	38.95	1725.583	28.95	0.
7	28.00	0.230	147.01	87.92	4530.015	76.01	0.

This report has been created by IC Net
 METROHM LTD

Report date: 12/20/2017 10:44:25 AM
Printed by: wet

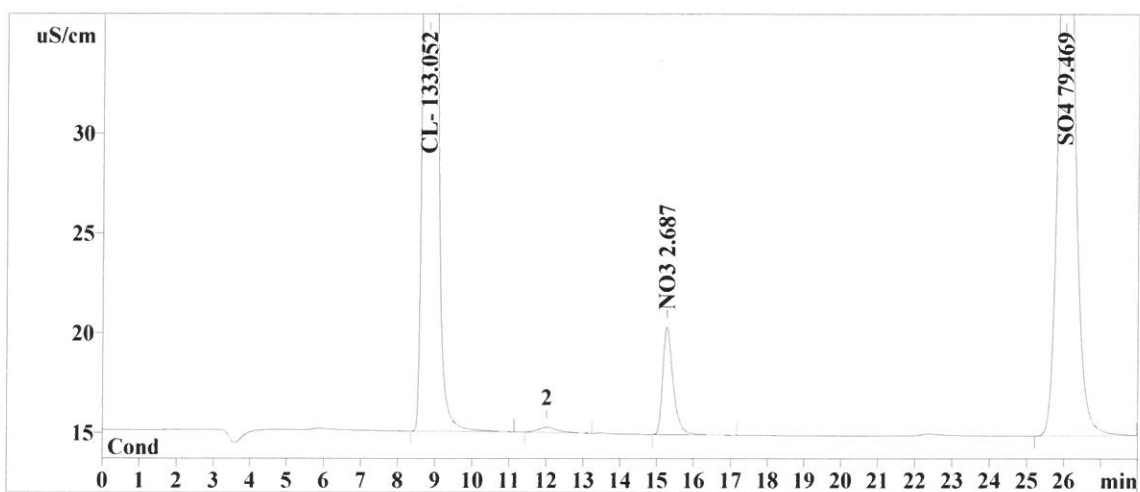
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Analysis from: 12/19/2017 2:36:41 PM
File: _2017-12-19_

Last save: 12/20/2017 10:44:24 AM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60352

Last save: 12/8/2017 1:51:44 PM

SAMPLE:
: AK/AP
Vial number: 10
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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.82	0.255	126.68	76.03	2130.572	65.51	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	15.26	0.286	5.38	3.23	105.256	3.24	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.01	0.440	34.30	20.59	1006.823	30.96	0.
7	28.00	0.140	166.36	99.84	3242.652	99.71	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/20/2017 11:34:02 AM
Printed by: wet

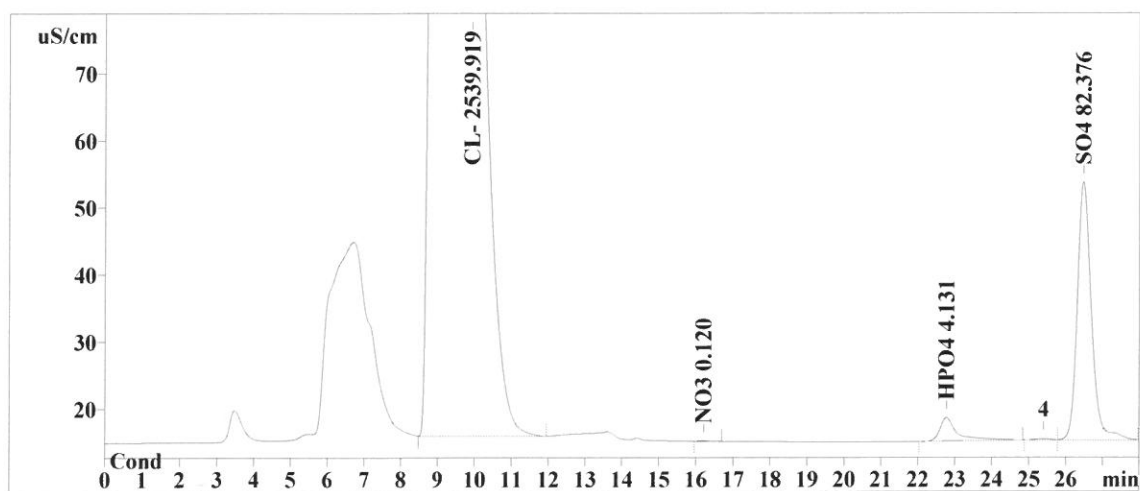
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Analysis from: 12/19/2017 3:07:36 PM
File: _2017-12-19_

Last save: 12/20/2017 11:33:52 AM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60353

Last save: 12/8/2017 1:51:44 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	9.92	0.925	743.18	94.62	40698.973	97.22	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	16.19	0.238	0.05	0.01	0.850	0.00	0.
6	22.77	0.392	3.50	0.45	115.532	0.28	0.
7	26.48	0.403	38.43	4.89	1043.942	2.49	0.
7	28.00	0.280	785.17	99.97	41859.297	99.99	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/20/2017 10:46:16 AM
Printed by: wet

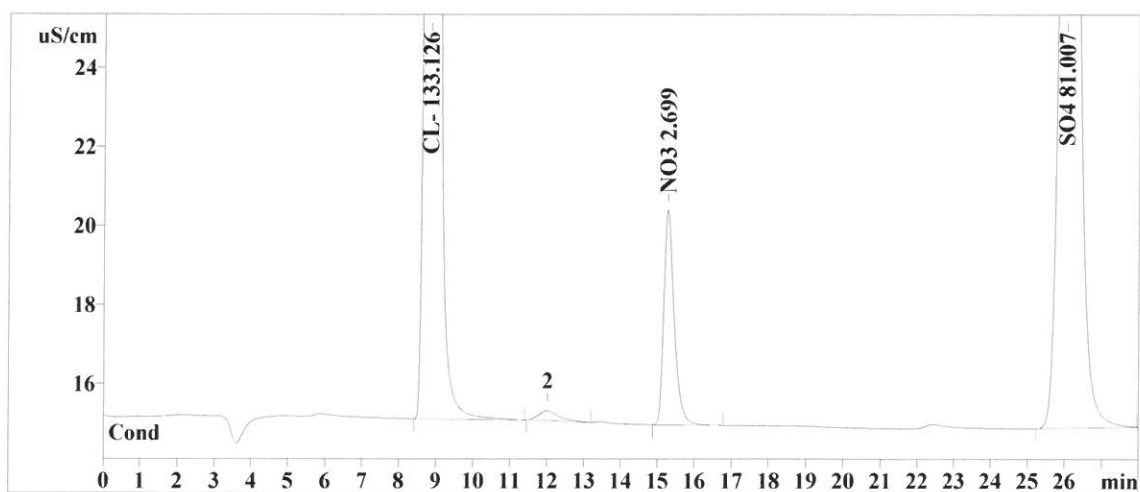
Ident: I6992-03DUP
Analysis from: 12/19/2017 3:38:30 PM
File: _2017-12-19_

Last save: 12/20/2017 10:46:16 AM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60354

Last save: 12/8/2017 1:51:44 PM

SAMPLE:
: AK/AP
Vial number: 11
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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.84	0.253	127.96	76.00	2131.766	65.13	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	15.27	0.286	5.43	3.23	105.734	3.23	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.05	0.444	34.71	20.61	1026.464	31.36	0.
7	28.00	0.140	168.09	99.85	3263.964	99.71	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/20/2017 10:47:02 AM
Printed by: wet

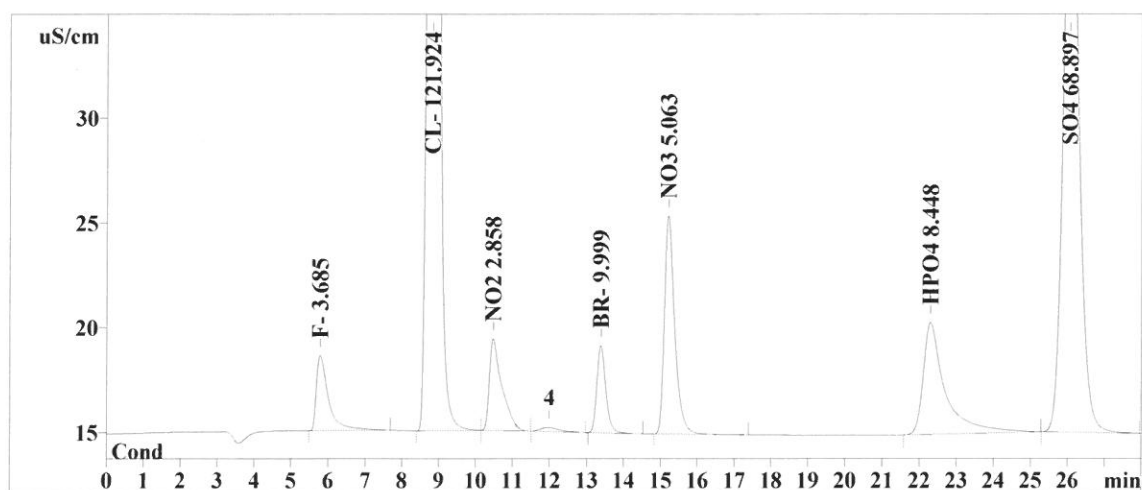
Ident: I6992-03MS
Analysis from: 12/19/2017 4:09:25 PM
File: _2017-12-19_

Last save: 12/19/2017 4:37:14 PM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60355

Last save: 12/8/2017 1:51:44 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	5.79	0.306	3.56	1.99	81.228	2.32	0.
2	8.81	0.247	120.48	67.45	1952.253	55.67	0.
3	10.48	0.339	4.36	2.44	102.873	2.93	0.
4	13.38	0.250	4.15	2.32	69.406	1.98	0.
5	15.20	0.284	10.39	5.82	201.891	5.76	0.
6	22.30	0.506	5.33	2.98	220.458	6.29	0.
7	26.05	0.437	30.16	16.88	871.842	24.86	0.
7	28.00	0.338	178.43	99.89	3499.951	99.81	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/20/2017 10:59:20 AM
Printed by: wet

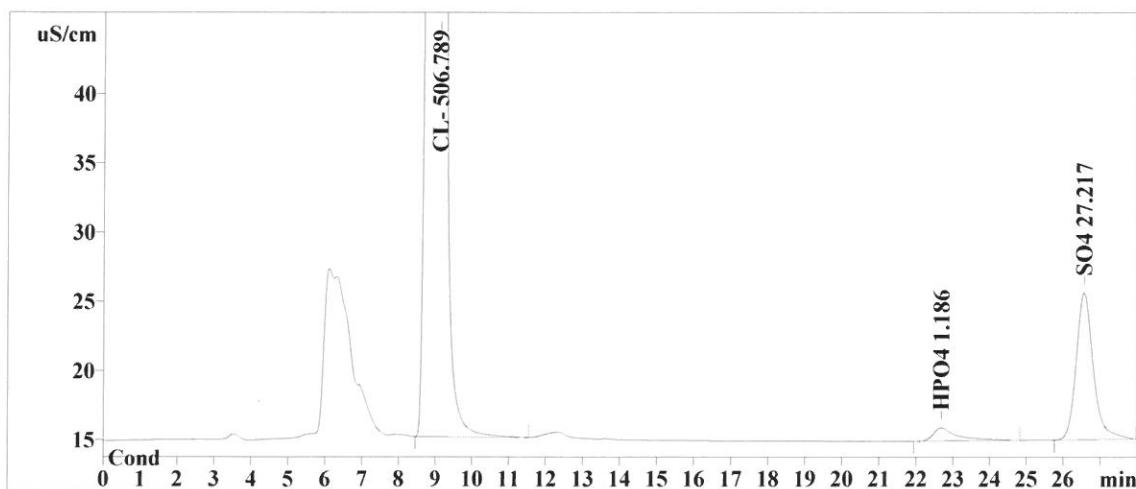
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Analysis from: 12/19/2017 4:40:19 PM
File: _2017-12-19_

Last save: 12/20/2017 10:59:20 AM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60356

Last save: 12/8/2017 1:51:44 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	9.12	0.360	366.36	96.91	8119.462	95.49	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	22.68	0.565	0.96	0.25	43.939	0.52	0.
7	26.56	0.465	10.60	2.80	339.669	3.99	0.
7	28.00	0.199	377.91	99.97	8503.071	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/20/2017 11:13:19 AM
 Printed by: wet

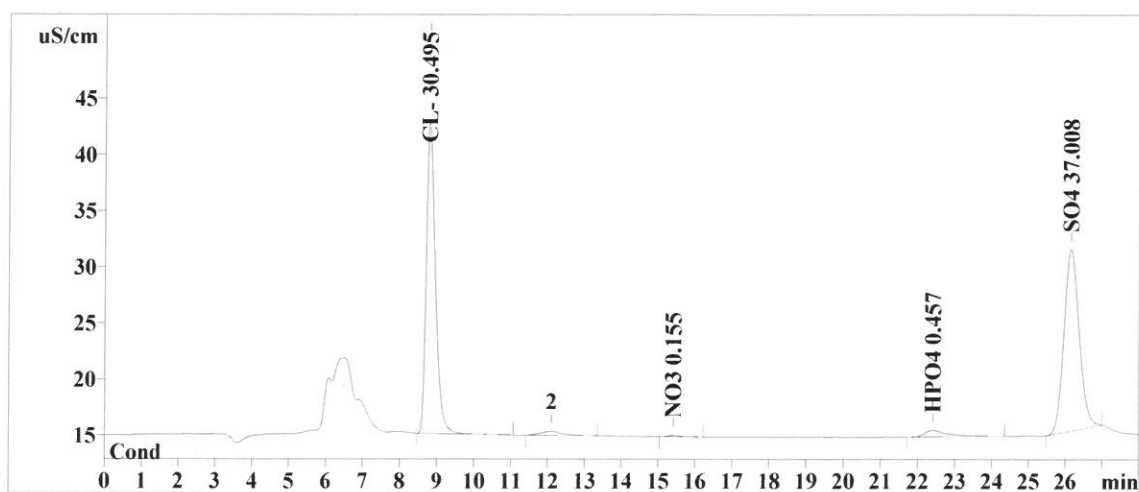
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 Analysis from: 12/19/2017 5:11:14 PM
 File: _2017-12-19_

Last save: 12/20/2017 11:13:10 AM

Method: ANIONS 12-08-17.mtw
 Run operator: wet
 Analysis number: 60357

Last save: 12/8/2017 1:51:44 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	8.78	0.263	27.82	61.75	487.169	49.01	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	15.41	0.291	0.12	0.26	2.274	0.23	0.
6	22.41	0.573	0.58	1.29	26.209	2.64	0.
7	26.14	0.439	16.18	35.91	464.676	46.75	0.
7	28.00	0.224	44.69	99.21	980.328	98.62	0.

This report has been created by IC Net
 METROHM LTD

Report date: 12/20/2017 11:13:38 AM
 Printed by: wet

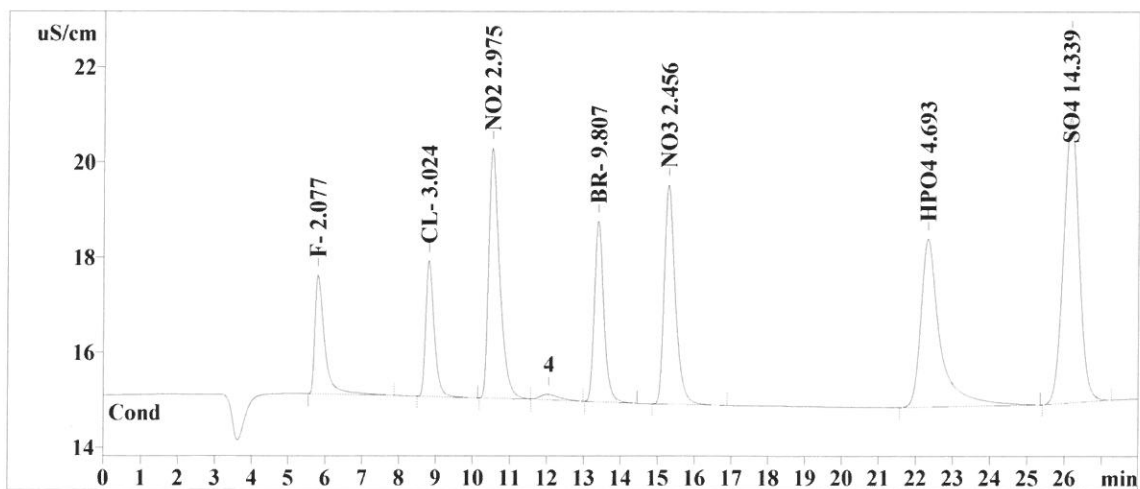
Ident: CCV
 Analysis from: 12/19/2017 5:42:08 PM
 File: _2017-12-19_

Last save: 12/19/2017 6:09:56 PM

Method: ANIONS 12-08-17.mtw
 Run operator: wet
 Analysis number: 60358

Last save: 12/8/2017 1:51:44 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.80	0.243	2.49	8.71	44.782	6.67	0.
2	8.80	0.245	2.85	9.95	46.960	7.00	0.
3	10.52	0.304	5.26	18.36	107.232	15.97	0.
4	13.39	0.268	3.79	13.25	68.025	10.13	0.
5	15.28	0.307	4.60	16.08	95.845	14.28	0.
6	22.32	0.470	3.53	12.33	129.180	19.24	0.
7	26.16	0.446	5.99	20.92	175.239	26.10	0.
7	28.00	0.326	28.51	99.60	667.263	99.40	0.

This report has been created by IC Net
 METROHM LTD

Report date: 12/20/2017 11:13:58 AM
Printed by: wet

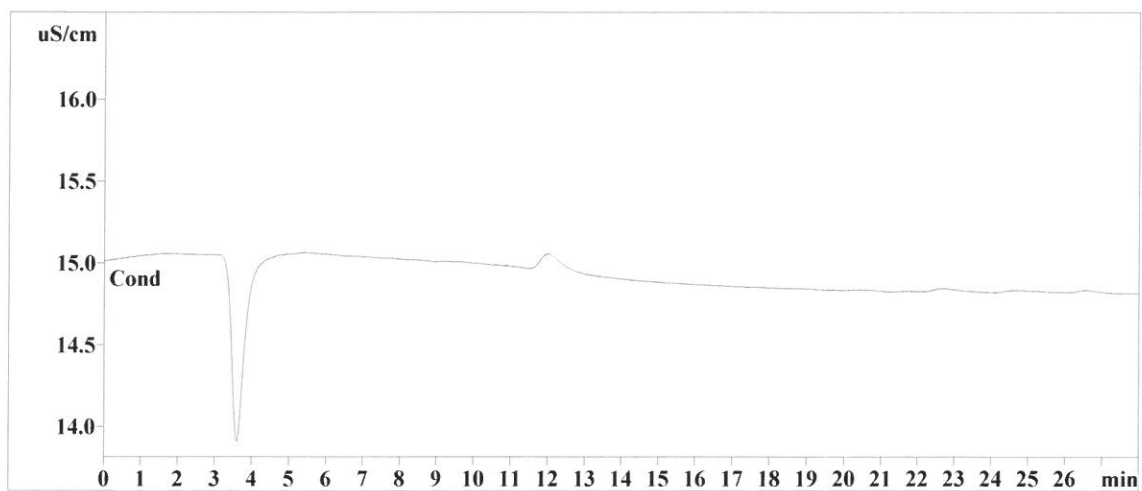
Ident: CCB
Analysis from: 12/19/2017 6:13:03 PM
File: _2017-12-19_

Last save: 12/20/2017 11:13:58 AM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60359

Last save: 12/8/2017 1:51:44 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: 12/20/2017 11:20:32 AM
Printed by: wet

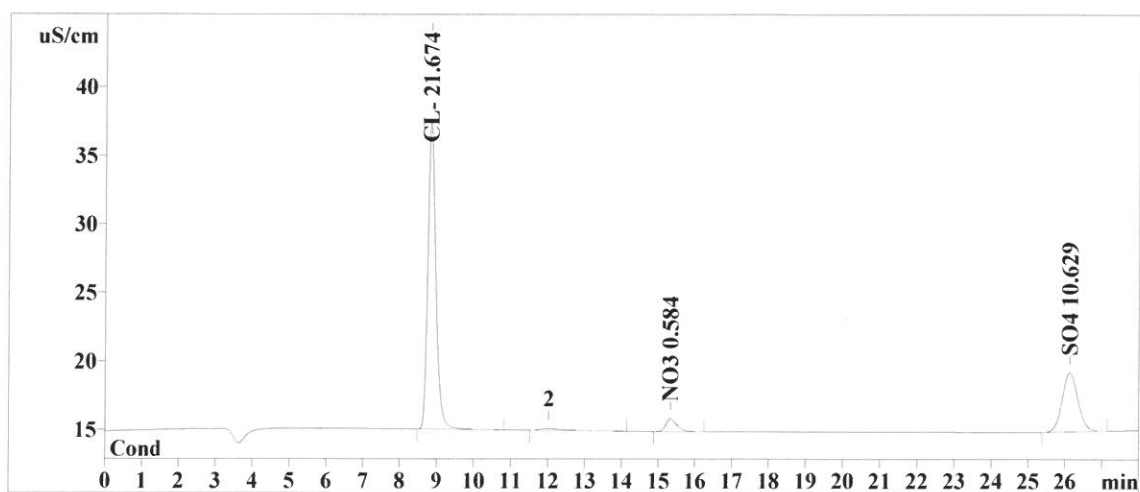
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Analysis from: 12/19/2017 6:43:57 PM
File: _2017-12-19_

Last save: 12/19/2017 7:11:46 PM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60360

Last save: 12/8/2017 1:51:44 PM

SAMPLE:
: AK/AP
Vial number: 16
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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.82	0.228	22.52	80.76	345.823	69.35	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	15.33	0.314	0.94	3.36	19.725	3.96	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.13	0.453	4.31	15.44	127.873	25.64	0.
7	28.00	0.142	27.76	99.57	493.420	98.95	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/20/2017 11:24:58 AM
 Printed by: wet

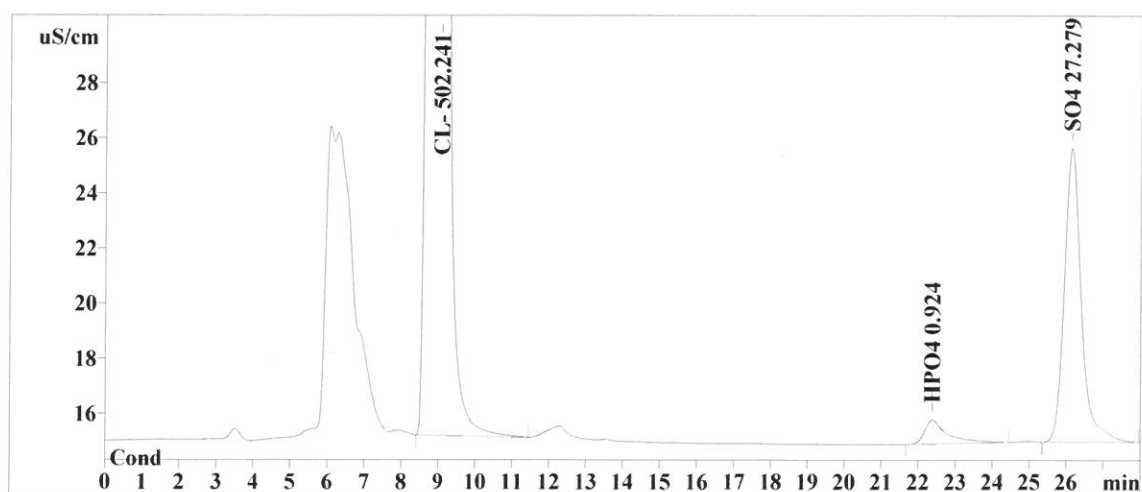
Ident: I6992-04DLX5
 Analysis from: 12/19/2017 7:14:52 PM
 File: _2017-12-19_

Last save: 12/20/2017 11:24:58 AM

Method: ANIONS 12-08-17.mtw
 Run operator: wet
 Analysis number: 60361

Last save: 12/8/2017 1:51:44 PM

SAMPLE:
 : AK/AP
 Vial number: 17
 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	9.07	0.355	368.15	96.94	8046.574	95.51	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	22.38	0.542	0.86	0.23	37.570	0.45	0.
7	26.14	0.459	10.65	2.81	340.460	4.04	0.
7	28.00	0.194	379.66	99.97	8424.604	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 12/20/2017 11:30:09 AM
Printed by: wet

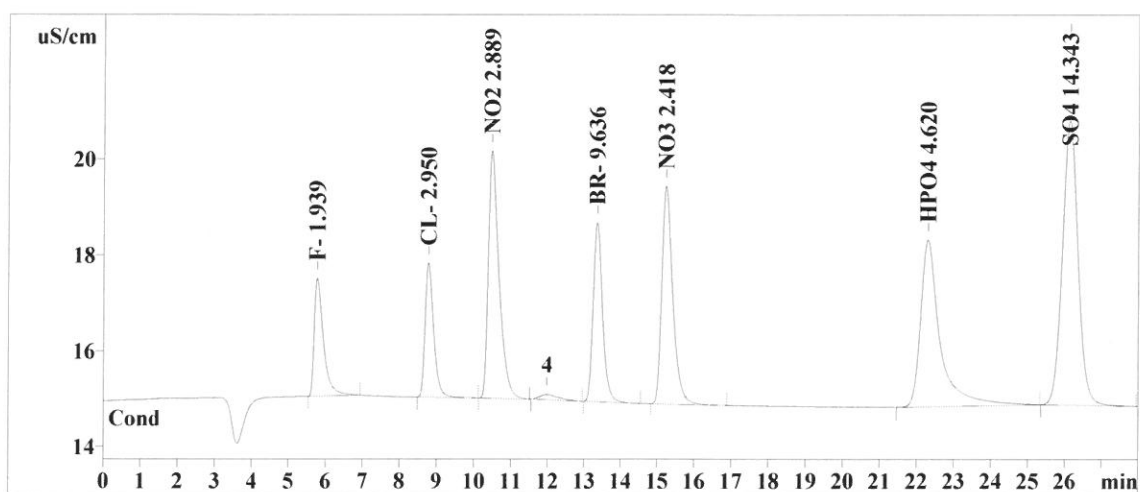
Ident: CCV
Analysis from: 12/19/2017 7:45:46 PM
File: _2017-12-19_

Last save: 12/19/2017 8:13:34 PM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60362

Last save: 12/8/2017 1:51:44 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	5.77	0.240	2.46	8.70	41.662	6.32	0.
2	8.77	0.243	2.80	9.92	45.778	6.94	0.
3	10.48	0.299	5.16	18.29	104.015	15.78	0.
4	13.35	0.267	3.74	13.25	66.800	10.13	0.
5	15.23	0.306	4.55	16.10	94.310	14.30	0.
6	22.30	0.468	3.48	12.33	127.410	19.32	0.
7	26.13	0.447	5.93	21.00	175.292	26.59	0.
7	28.00	0.324	28.12	99.59	655.266	99.39	0.

This report has been created by IC Net
METROHM LTD

Report date: 12/20/2017 11:30:31 AM
Printed by: wet

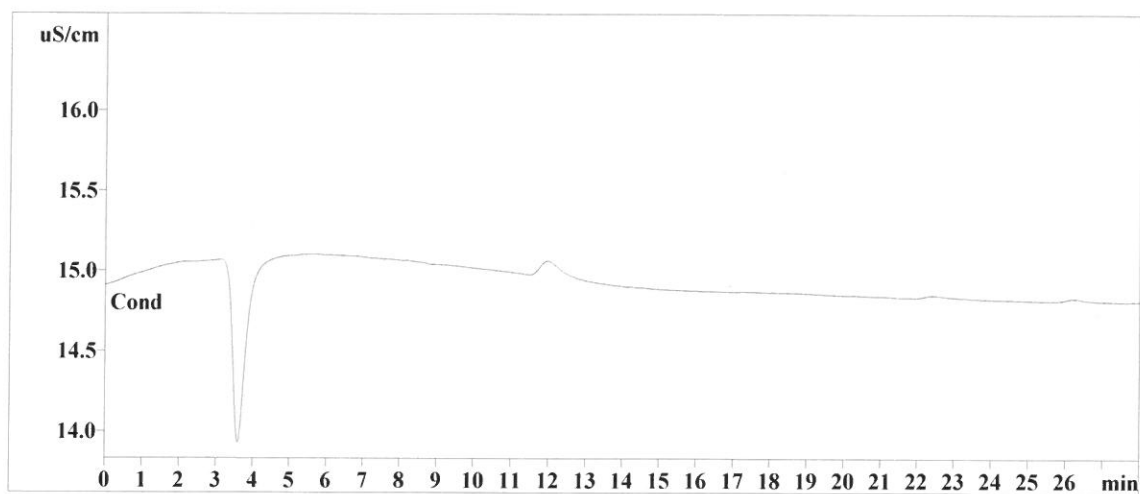
Ident: CCB
Analysis from: 12/19/2017 8:16:40 PM
File: _2017-12-19_

Last save: 12/20/2017 11:30:32 AM

Method: ANIONS 12-08-17.mtw
Run operator: wet
Analysis number: 60363

Last save: 12/8/2017 1:51:44 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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