

IC-1 9056 A

11/27/18 R

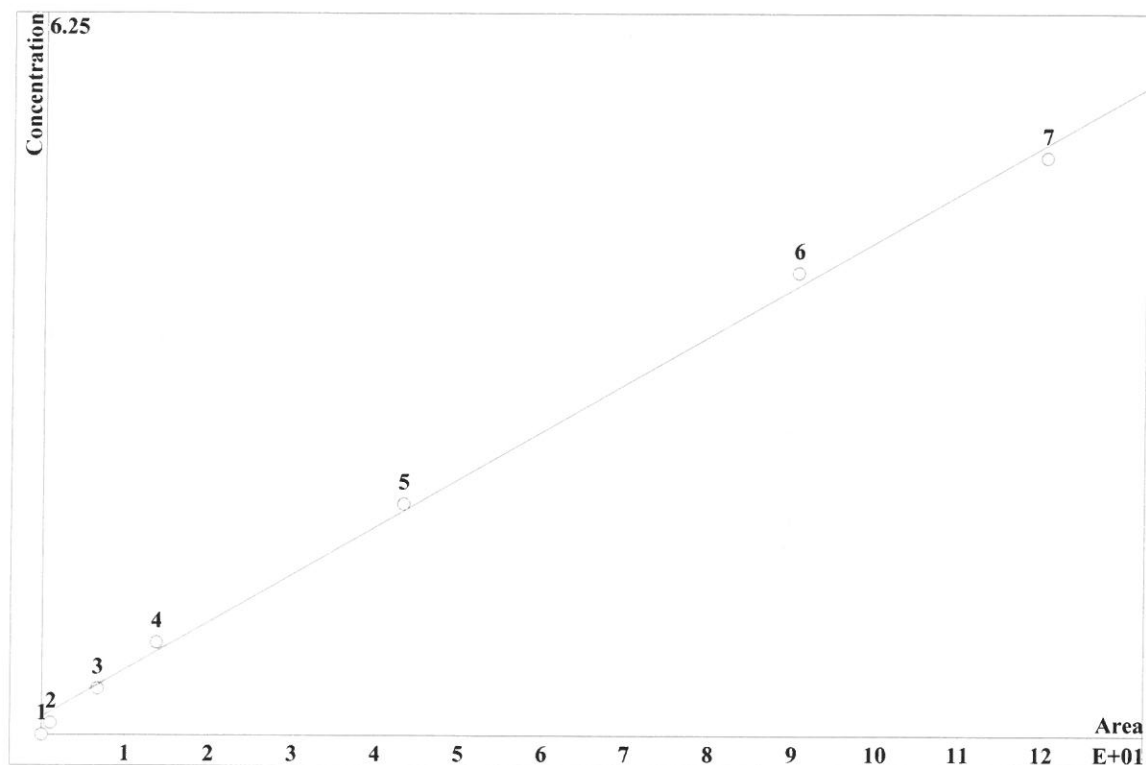
Clear table

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	Initial wt/ Final	Analyst
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-11-13_	11/13/18 11:07		AK/AP
STD2	0.1750	0.2400	0.2500	0.8480	0.2110	-0.1540	1.4370	_2018-11-13_	11/13/18 11:43		AK/AP
STD3	0.4230	0.6330	0.6300	2.0990	0.5290	1.0230	3.4140	_2018-11-13_	11/13/18 12:13		AK/AP
STD4	0.7560	1.2070	1.1980	3.9810	1.0000	2.4200	5.9150	_2018-11-13_	11/13/18 12:43		AK/AP
STD5	2.0790	2.8500	2.8060	9.5220	2.3470	5.4410	14.0250	_2018-11-13_	11/13/18 13:13		AK/AP
STD6	4.0910	5.8760	5.8440	19.6530	4.8830	9.9630	29.2690	_2018-11-13_	11/13/18 13:42		AK/AP
STD7	5.1130	7.7100	7.7380	25.6060	6.4400	12.4530	38.8080	_2018-11-13_	11/13/18 14:12		AK/AP
ICV	1.9300	2.8290	2.8380	9.4330	2.3570	5.2300	13.8840	_2018-11-13_	11/13/18 16:42		AK/AP
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-11-13_	11/13/18 17:12		AK/AP
CCV	2.0700	2.9660	3.0050	9.9940	2.4990	5.5940	14.5580	_2018-11-21_	11/21/18 7:53		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-11-21_	11/21/18 8:59		AK/AP
LB99350BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-11-21_	11/21/18 9:29		AK/AP
LB99350BSW	2.1260	2.9730	3.0240	9.5890	2.4210	5.9300	14.3080	_2018-11-21_	11/21/18 10:30		AK/AP
J6034-02	0.0000	1254.4220	0.0000	0.0000	0.0000	0.0000	47.1160	_2018-11-21_	11/21/18 11:00		AK/AP
J6035-01	0.0000	4341.3560	0.0000	7.2720	0.3410	0.0000	348.2490	_2018-11-21_	11/21/18 11:30		AK/AP
J6035-01DUP	0.0000	4386.7850	0.0000	7.5420	0.3430	0.0000	352.4690	_2018-11-21_	11/21/18 11:59		AK/AP
J6034-01	1.1300	3136.5320	0.0000	4.0310	0.0000	0.0000	172.2620	_2018-11-21_	11/21/18 12:29		AK/AP
J6034-03	0.0000	984.7940	0.0000	0.6660	0.0000	0.0000	32.7760	_2018-11-21_	11/21/18 12:59		AK/AP
J6035-02	0.3580	212.1150	0.0000	0.0000	0.3140	0.0000	11.0450	_2018-11-21_	11/21/18 13:29		AK/AP
J6035-03	0.3800	209.8320	0.0000	0.0000	0.3160	0.0000	10.8270	_2018-11-21_	11/21/18 13:59		AK/AP
J6035-01MS	2.4790	3916.4320	2.5540	16.7810	2.6430	5.7370	330.4570	_2018-11-21_	11/21/18 14:29		AK/AP
CCV	1.9350	2.8890	2.8090	9.6640	2.3570	5.6780	14.1900	_2018-11-21_	11/21/18 14:59		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-11-21_	11/21/18 15:29		AK/AP
J6035-01MSD	2.5570	4020.6540	2.6630	17.1650	2.7790	5.7450	348.8400	_2018-11-21_	11/21/18 16:29		AK/AP
CCV	2.0160	3.1710	2.8720	9.9320	2.3960	5.8220	14.0590	_2018-11-21_	11/21/18 16:59		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-11-21_	11/21/18 17:29		AK/AP

CALIBRATION OF COMPONENT F-

IC-1 11-13-18
AK
Calibration

Method: ANIONS 11-13-18.mtw
Equation: $Q = 0.823992 \cdot A + 3.15869$
RSD: 5.254 %
Correlation coefficient: 0.998873



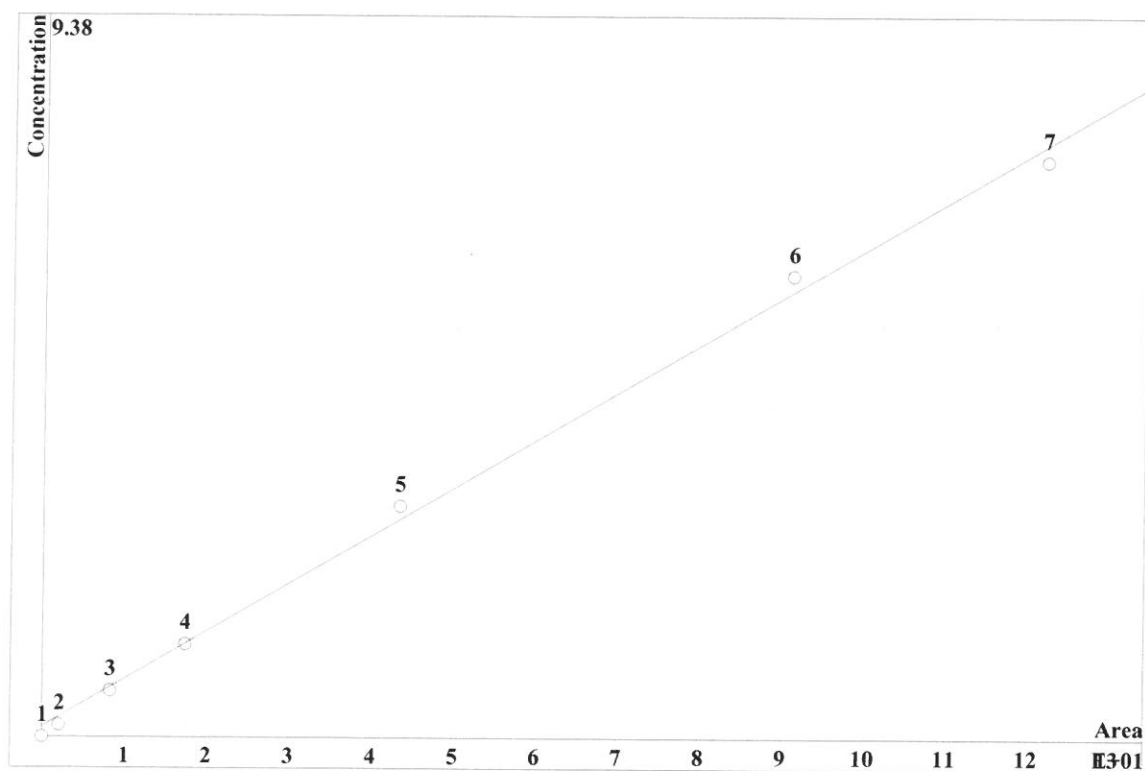
K3 = 0 K2 = 0 K1 = 0.823992 K0 = 3.15869

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	0.06709	1.053	0.1	20	5.913	Yes	
3	0.3351	6.681	0.4	20	5.913	Yes	
4	0.7787	13.78	0.8	20	5.913	Yes	
5	2.176	43.29	2	20	5.913	Yes	
6	4.834	90.46	4	20	5.913	Yes	
7	6.55	120.3	5	20	5.913	Yes	

CALIBRATION OF COMPONENT CL-

Method: ANIONS 11-13-18.mtw
 Equation: $Q = 1.24024 \cdot A + 2.69411$
 RSD: 5.906 %
 Correlation coefficient: 0.998575

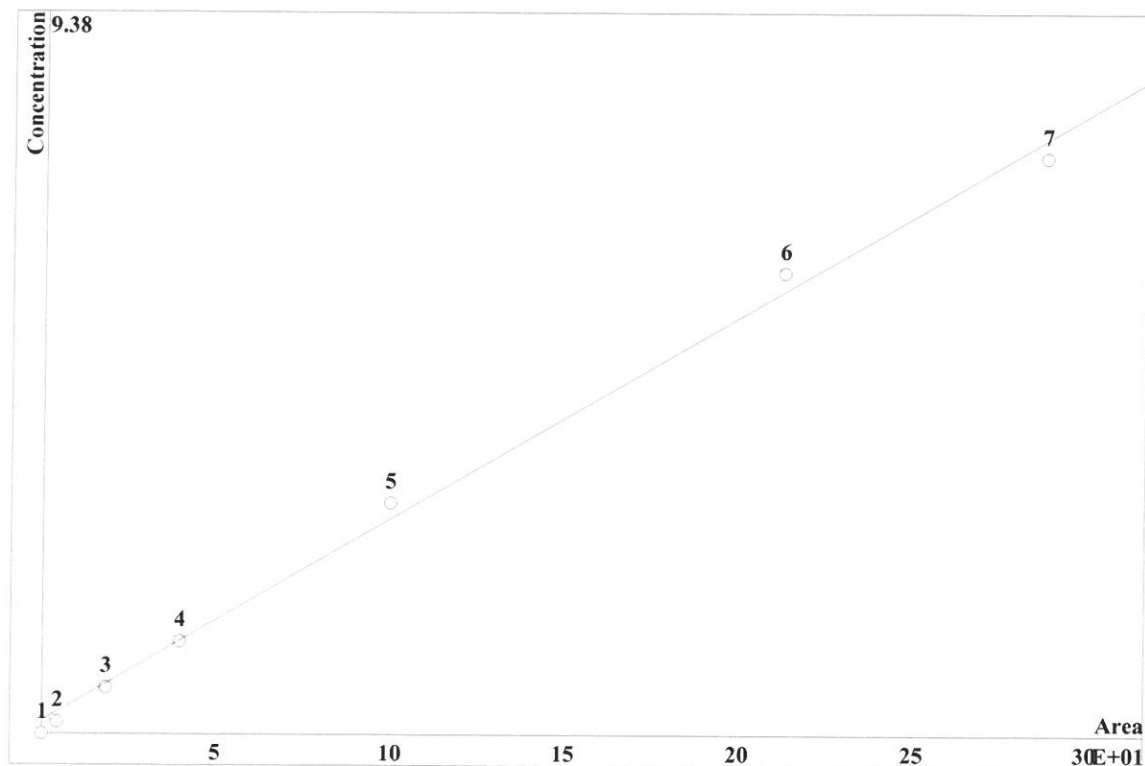


K3 = 0 K2 = 0 K1 = 1.24024 K0 = 2.69411
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.1172	2.034	0.15	20	8.858		Yes
3	0.4689	8.286	0.6	20	8.858		Yes
4	1.013	17.36	1.2	20	8.858		Yes
5	2.548	43.42	3	20	8.858		Yes
6	5.453	91.23	6	20	8.858		Yes
7	7.394	122.2	7.5	20	8.858		Yes

CALIBRATION OF COMPONENT NO2

Method: ANIONS 11-13-18.mtw
 Equation: $Q = 0.525284 \cdot A + 3.46342$
 RSD: 6.816 %
 Correlation coefficient: 0.998102

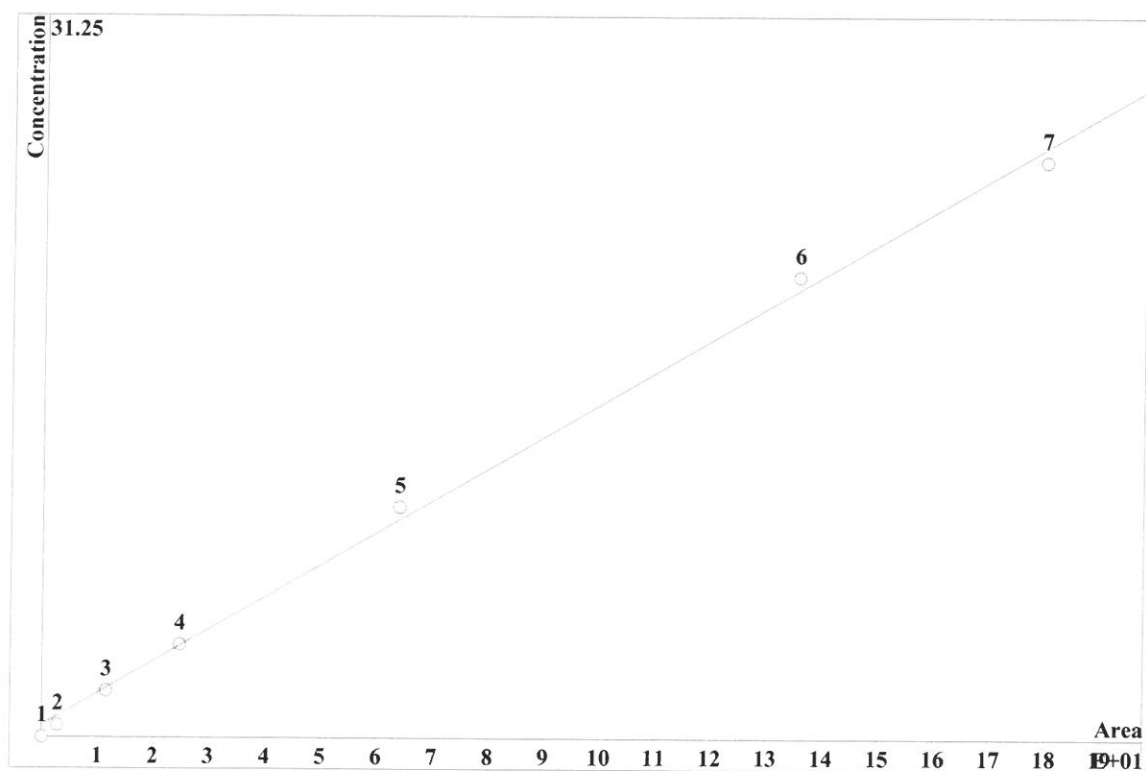


K3 = 0 K2 = 0 K1 = 0.525284 K0 = 3.46342
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.2111	4.289	0.15	20	10.65			Yes
3	0.9203	18.3	0.6	20	10.65			Yes
4	2.011	39.61	1.2	20	10.65			Yes
5	5.121	99.81	3	20	10.65			Yes
6	10.88	212.9	6	20	10.65			Yes
7	14.55	288	7.5	20	10.65			Yes

CALIBRATION OF COMPONENT BR-

Method: ANIONS 11-13-18.mtw
 Equation: $Q = 2.79162 \cdot A + 10.2865$
 RSD: 5.237 %
 Correlation coefficient: 0.998880



K3 = 0 K2 = 0 K1 = 2.79162 K0 = 10.2865

Base: Area

Ref.channel: Cond

ISTD:

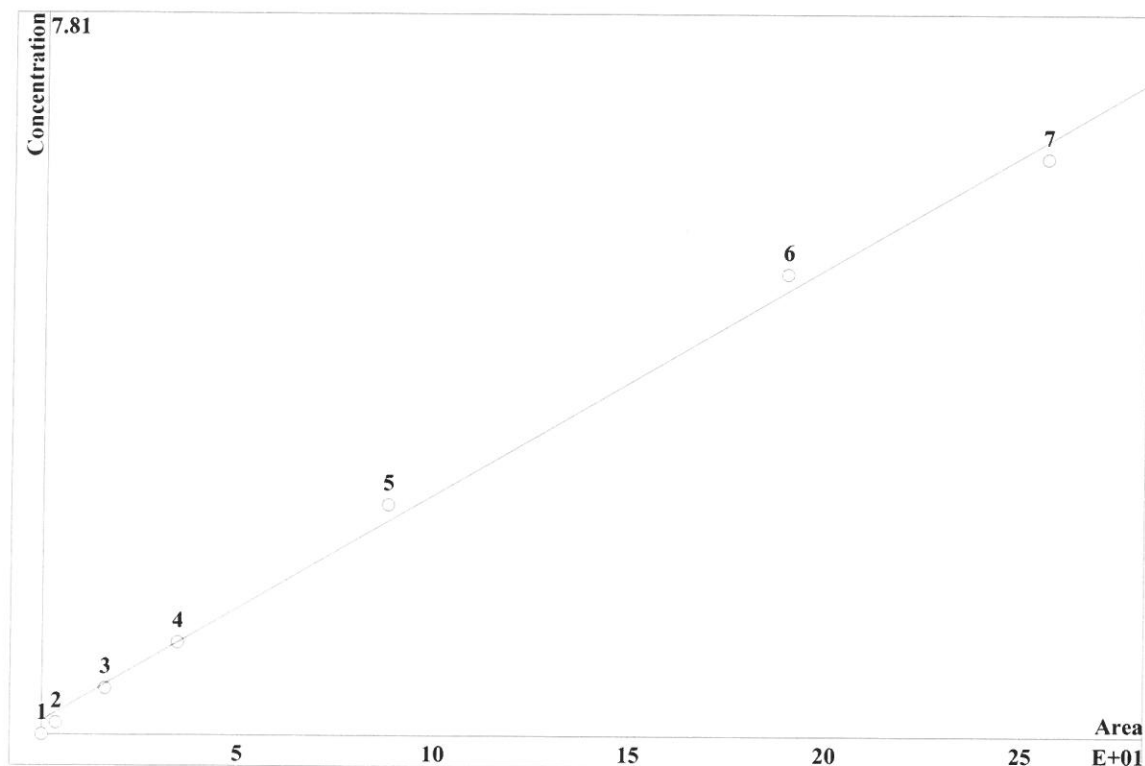
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	-0.00113	4.7e-05		0	20		13.72
2	0.1263	2.768		0.5	20		13.72
3	0.5171	11.54		2	20		13.72
4	1.122	24.78		4	20		13.72
5	2.835	64.06		10	20		13.72
6	5.798	135.6		20	20		13.72
7	7.543	179.8		25	20		13.72

CALIBRATION OF COMPONENT NO3

Method: ANIONS 11-13-18.mtw
 Equation: $Q = 0.491459 \cdot A + 3.05646$
 RSD: 6.643 %
 Correlation coefficient: 0.998197



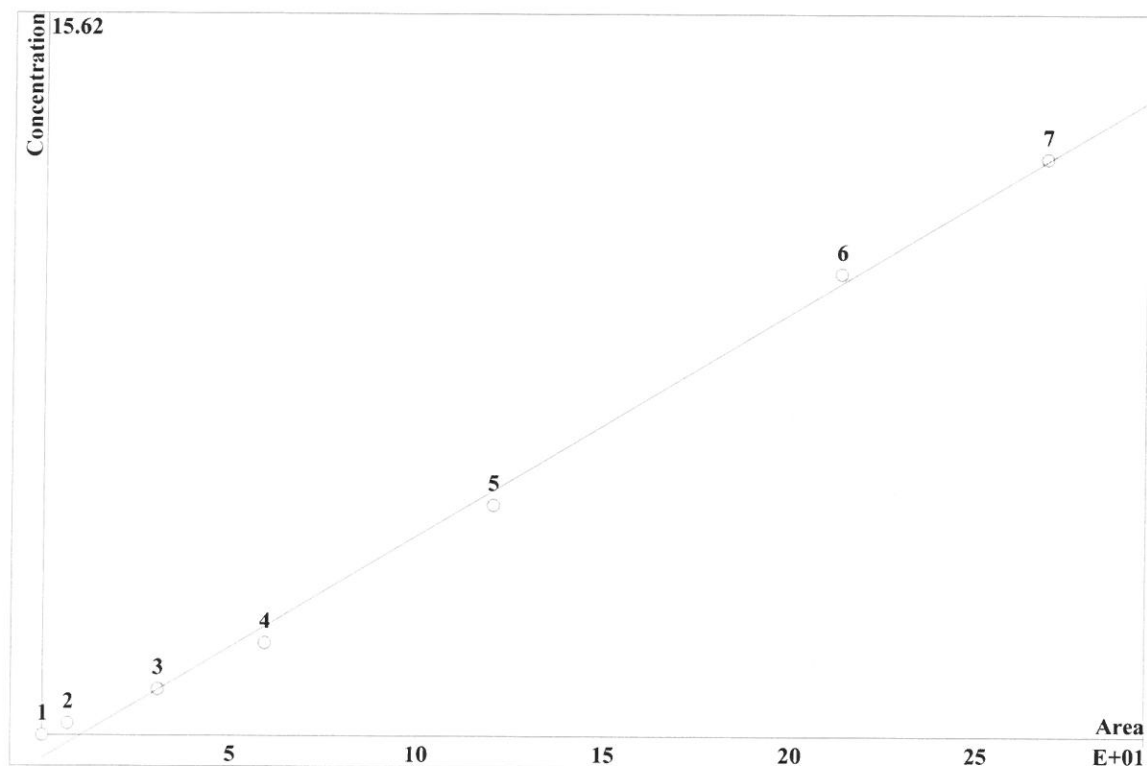
K3 = 0 K2 = 0 K1 = 0.491459 K0 = 3.05646

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	0.1375	3.569	0.125	20	15.65			Yes
3	0.6214	16.1	0.5	20	15.65			Yes
4	1.37	34.62	1	20	15.65			Yes
5	3.549	88.34	2.5	20	15.65			Yes
6	7.698	189.9	5	20	15.65			Yes
7	10.46	255.9	6.25	20	15.65			Yes

CALIBRATION OF COMPONENT HPO4

Method: ANIONS 11-13-18.mtw
 Equation: $Q = 0.9655 \cdot A - 9.86678$
 RSD: 6.561 %
 Correlation coefficient: 0.998241



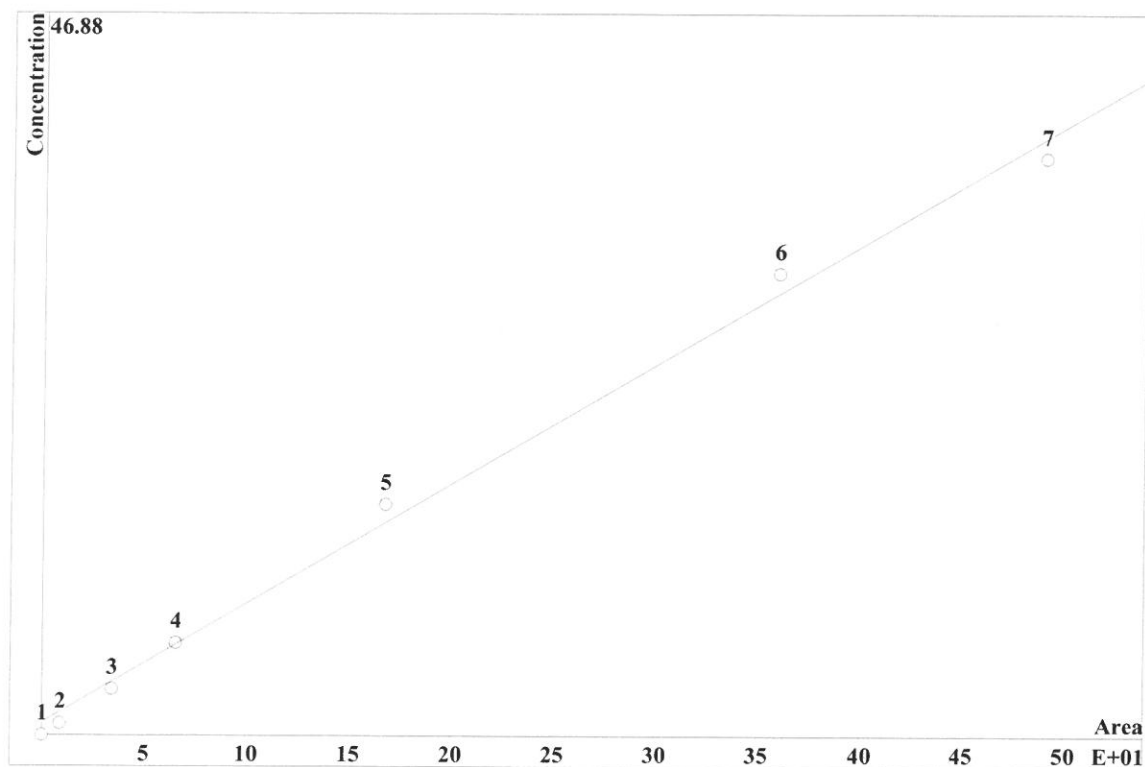
K3 = 0 K2 = 0 K1 = 0.9655 K0 = -9.86678

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	0.1605	6.745	0.25	20	21.48	Yes	
3	0.7542	30.74	1	20	21.48	Yes	
4	1.518	59.16	2	20	21.48	Yes	
5	3.24	120.4	5	20	21.48	Yes	
6	6.096	213.1	10	20	21.48	Yes	
7	7.966	268.2	12.5	20	21.48	Yes	

CALIBRATION OF COMPONENT SO4

Method: ANIONS 11-13-18.mtw
 Equation: $Q = 1.54985 \cdot A + 16.647$
 RSD: 7.672 %
 Correlation coefficient: 0.997595



K3 = 0 K2 = 0 K1 = 1.54985 K0 = 16.647

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	0.2596	8.709	0.75	20	25.17			Yes
3	0.9783	34.27	3	20	25.17			Yes
4	2.098	65.5	6	20	25.17			Yes
5	5.409	167.6	15	20	25.17			Yes
6	11.83	359.9	30	20	25.17			Yes
7	16.15	490.1	37.5	20	25.17			Yes

Report date: 11/14/2018 2:31:34 PM
Printed by: wet

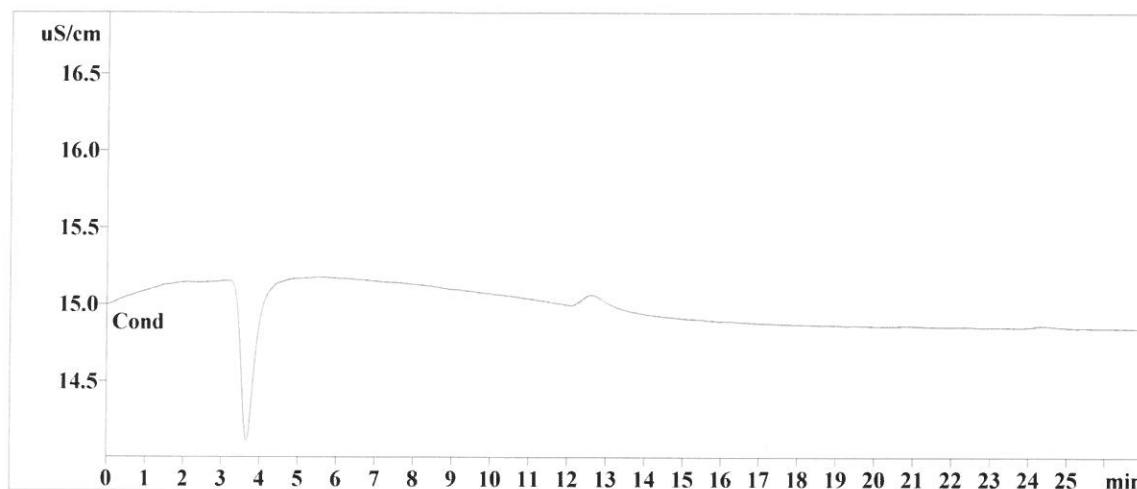
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File: _2018-11-13_

Last save: 11/13/2018 11:40:06 AM

Method: ANIONS 11-13-18.mtw
Run operator: wet
Analysis number: 64882

Last save: 11/13/2018 10:06:02 AM

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



Quantitation method: Custom

No peaks

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Report date: 11/14/2018 2:31:45 PM
Printed by: wet

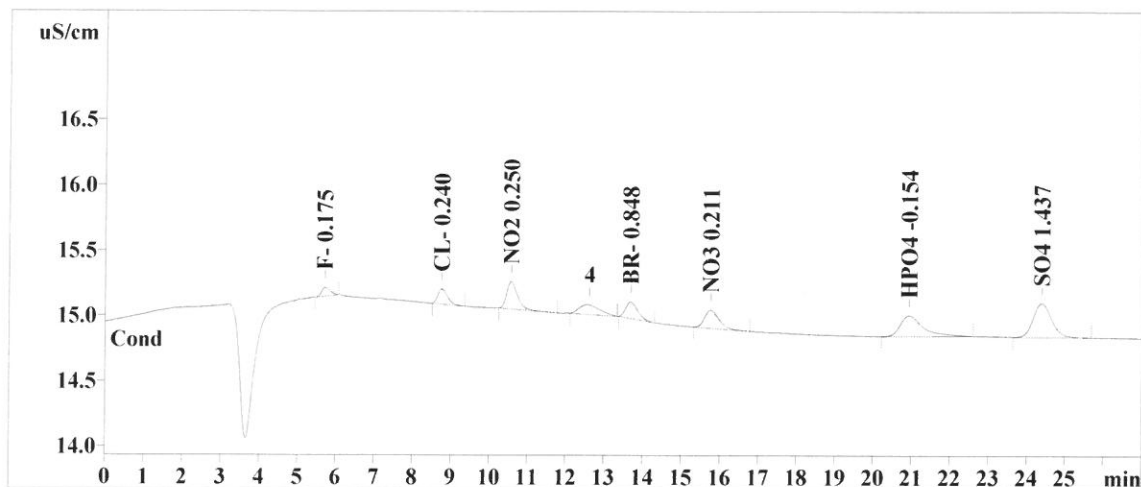
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Analysis from: 11/13/2018 11:43:17 AM
File: _2018-11-13_

Last save: 11/13/2018 12:36:12 PM

Method: ANIONS 11-13-18.mtw
Run operator: wet
Analysis number: 64883

Last save: 11/13/2018 11:34:46 AM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.71	0.250	0.07	5.77	1.053	3.30	0.
2	8.76	0.270	0.12	10.09	2.034	6.37	0.
3	10.57	0.301	0.21	18.24	4.289	13.44	0.
4	13.69	0.344	0.13	10.88	2.768	8.67	0.
5	15.76	0.398	0.14	11.84	3.569	11.18	0.
6	20.94	0.568	0.16	13.86	6.745	21.14	0.
7	24.39	0.507	0.26	22.43	8.709	27.29	0.
7	27.00	0.377	1.07	93.11	29.168	91.39	0.

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Report date: 11/14/2018 2:31:55 PM
Printed by: wet

Ident: STD3
Analysis from: 11/13/2018 12:13:12 PM
File: _2018-11-13_

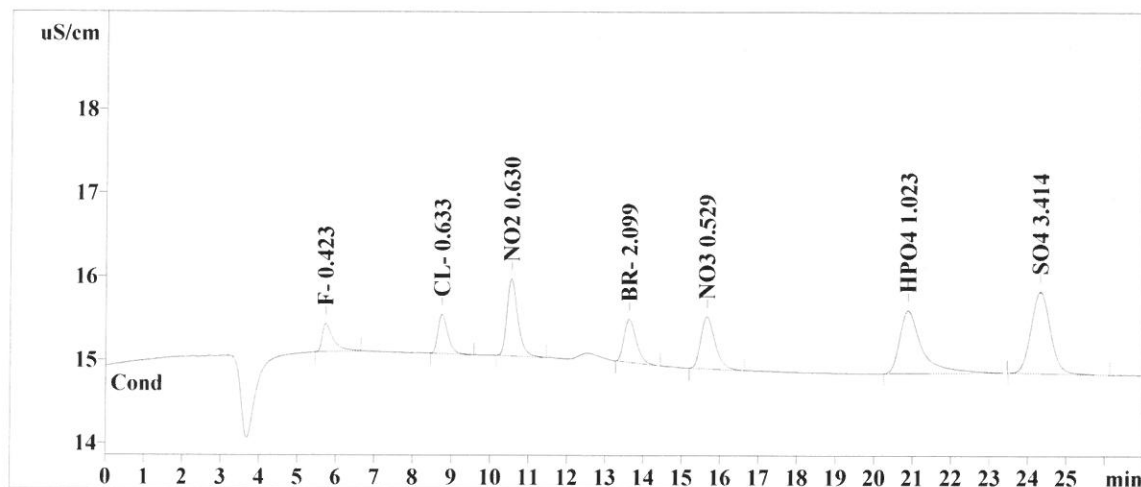
Last save: 11/13/2018 12:40:02 PM

Method: ANIONS 11-13-18.mtw
Run operator: wet
Analysis number: 64884

Last save: 11/13/2018 12:10:06 PM

SAMPLE:

: AK/AP
Vial number: 4
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.72	0.278	0.33	7.28	6.681	5.31	0.
2	8.75	0.268	0.47	10.19	8.286	6.58	0.
3	10.54	0.297	0.92	20.03	18.297	14.53	0.
4	13.62	0.344	0.52	11.24	11.535	9.16	0.
5	15.64	0.393	0.62	13.52	16.096	12.78	0.
6	20.87	0.533	0.75	16.40	30.742	24.42	0.
7	24.31	0.534	0.98	21.26	34.268	27.22	0.
7	27.00	0.378	4.59	99.92	125.905	100.00	0.

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Report date: 11/14/2018 2:32:04 PM
Printed by: wet

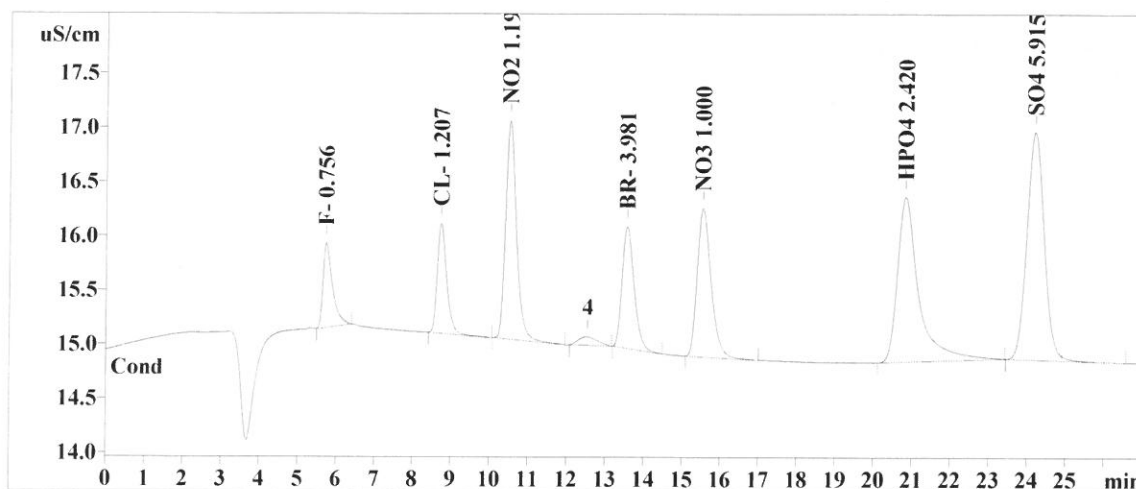
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Analysis from: 11/13/2018 12:43:07 PM
File: _2018-11-13_

Last save: 11/13/2018 1:09:56 PM

Method: ANIONS 11-13-18.mtw
Run operator: wet
Analysis number: 64885

Last save: 11/13/2018 12:40:02 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	5.72	0.259	0.78	7.79	13.783	5.35	0.
2	8.74	0.256	1.01	10.14	17.361	6.74	0.
3	10.52	0.292	2.01	20.13	39.606	15.38	0.
4	13.56	0.340	1.12	11.23	24.777	9.62	0.
5	15.53	0.381	1.37	13.71	34.620	13.44	0.
6	20.82	0.512	1.52	15.19	59.157	22.97	0.
7	24.19	0.476	2.10	21.00	65.503	25.44	0.
7	27.00	0.359	9.91	99.18	254.808	98.95	0.

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Report date: 11/14/2018 2:32:12 PM
Printed by: wet

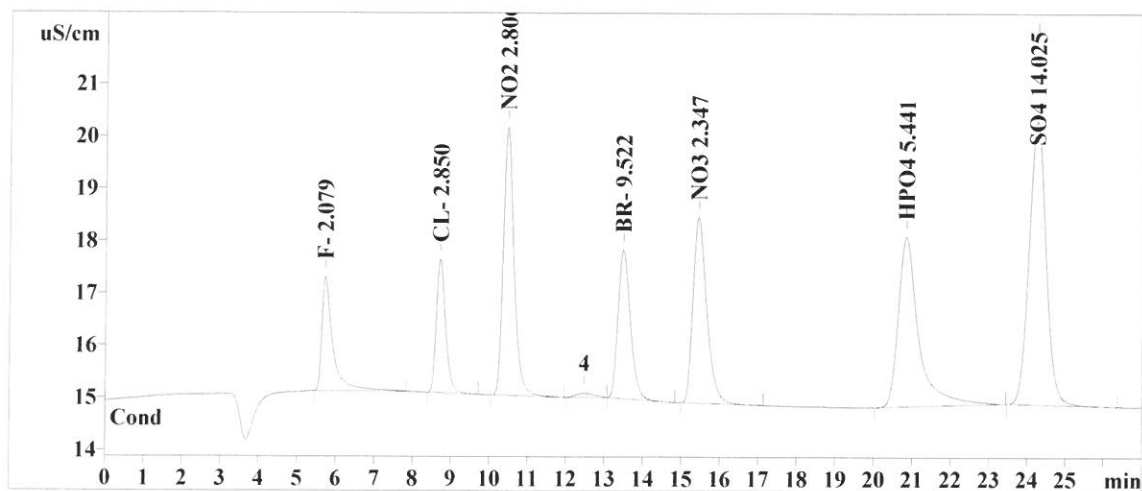
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Analysis from: 11/13/2018 1:13:03 PM
File: _2018-11-13_

Last save: 11/13/2018 1:39:52 PM

Method: ANIONS 11-13-18.mtw
Run operator: wet
Analysis number: 64886

Last save: 11/13/2018 1:09:56 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	5.71	0.259	2.18	8.72	43.287	6.88	0.
2	8.71	0.256	2.55	10.21	43.422	6.90	0.
3	10.46	0.290	5.12	20.52	99.807	15.86	0.
4	13.48	0.346	2.84	11.36	64.064	10.18	0.
5	15.43	0.374	3.55	14.22	88.338	14.03	0.
6	20.82	0.493	3.24	12.98	120.387	19.12	0.
7	24.23	0.471	5.41	21.67	167.559	26.62	0.
7	27.00	0.355	24.88	99.67	626.864	99.58	0.

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Report date: 11/14/2018 2:32:23 PM
Printed by: wet

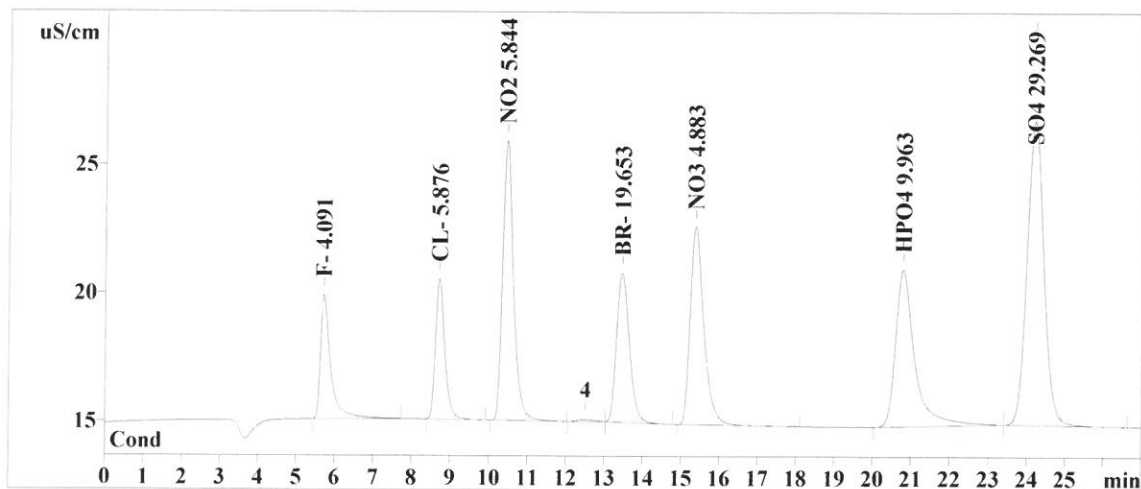
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Analysis from: 11/13/2018 1:42:58 PM
File: _2018-11-13_

Last save: 11/13/2018 2:09:48 PM

Method: ANIONS 11-13-18.mtw
Run operator: wet
Analysis number: 64887

Last save: 11/13/2018 1:39:52 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	5.71	0.250	4.83	9.18	90.463	6.98	0.
2	8.71	0.249	5.45	10.35	91.228	7.04	0.
3	10.44	0.290	10.88	20.65	212.894	16.44	0.
4	13.45	0.361	5.80	11.01	135.591	10.47	0.
5	15.36	0.367	7.70	14.62	189.879	14.66	0.
6	20.78	0.472	6.10	11.57	213.078	16.45	0.
7	24.18	0.462	11.83	22.47	359.892	27.78	0.
7	27.00	0.350	52.59	99.85	1293.024	99.82	0.

This report has been created by IC Net
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Report date: 11/14/2018 2:32:32 PM
Printed by: wet

Ident: STD7
Analysis from: 11/13/2018 2:12:53 PM
File: _2018-11-13_

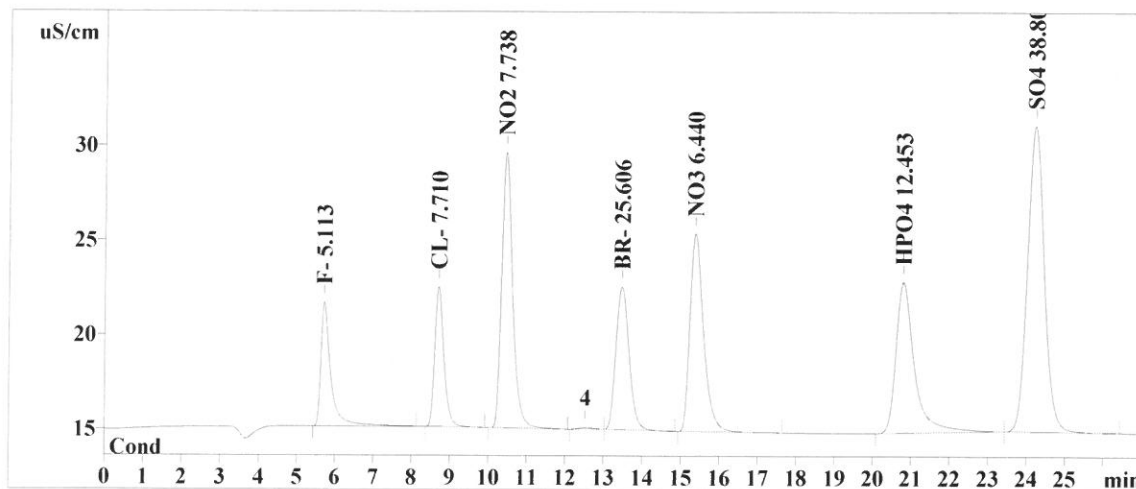
Last save: 11/13/2018 2:39:42 PM

Method: ANIONS 11-13-18.mtw
Run operator: wet
Analysis number: 64888

Last save: 11/13/2018 2:09:48 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	5.71	0.245	6.55	9.27	120.280	6.97	0.
2	8.70	0.246	7.39	10.46	122.158	7.08	0.
3	10.44	0.295	14.55	20.58	288.024	16.68	0.
4	13.47	0.370	7.54	10.67	179.761	10.41	0.
5	15.36	0.364	10.46	14.80	255.870	14.82	0.
6	20.79	0.459	7.97	11.27	268.183	15.53	0.
7	24.20	0.459	16.15	22.85	490.058	28.38	0.
7	27.00	0.348	70.61	99.89	1724.334	99.88	0.

This report has been created by IC Net
METROHM LTD

Report date: 11/14/2018 2:32:48 PM
Printed by: wet

Ident: ICV
Analysis from: 11/13/2018 5:42:20 PM
File: _2018-11-13_

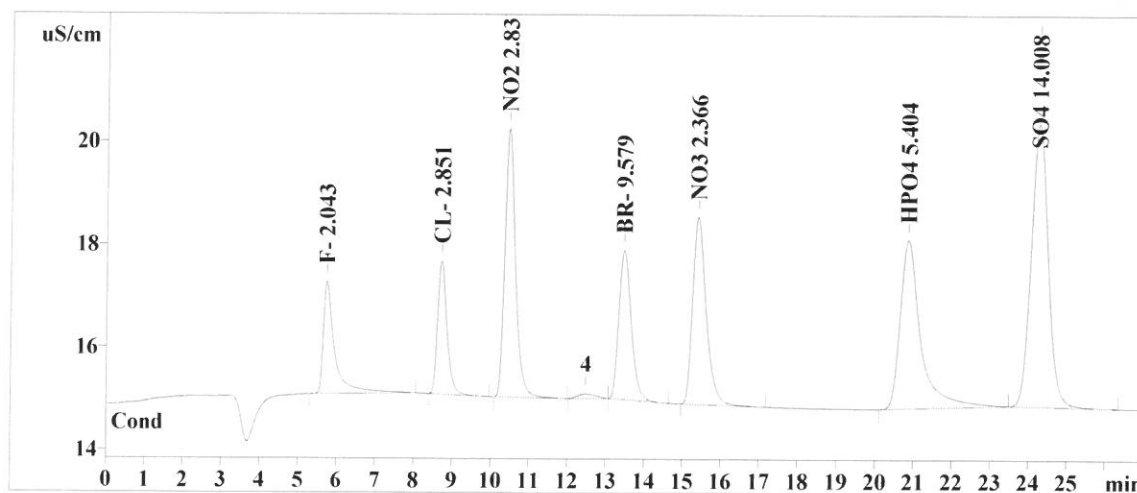
Last save: 11/13/2018 6:09:08 PM

Method: ANIONS 11-13-18.mtw
Run operator: wet
Analysis number: 64895

Last save: 11/13/2018 2:39:42 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 %	
1	5.73	0.263	2.18	8.59	45.744	7.14	0.
2	8.71	0.253	2.59	10.22	43.802	6.84	0.
3	10.46	0.289	5.20	20.52	101.193	15.79	0.
4	13.47	0.345	2.89	11.41	64.941	10.13	0.
5	15.39	0.371	3.64	14.35	90.076	14.06	0.
6	20.84	0.494	3.28	12.92	122.171	19.07	0.
7	24.25	0.471	5.49	21.64	170.027	26.53	0.
7	27.00	0.355	25.27	99.64	637.955	99.55	0.

This report has been created by IC Net
METROHM LTD

Report date: 11/14/2018 2:33:04 PM
Printed by: wet

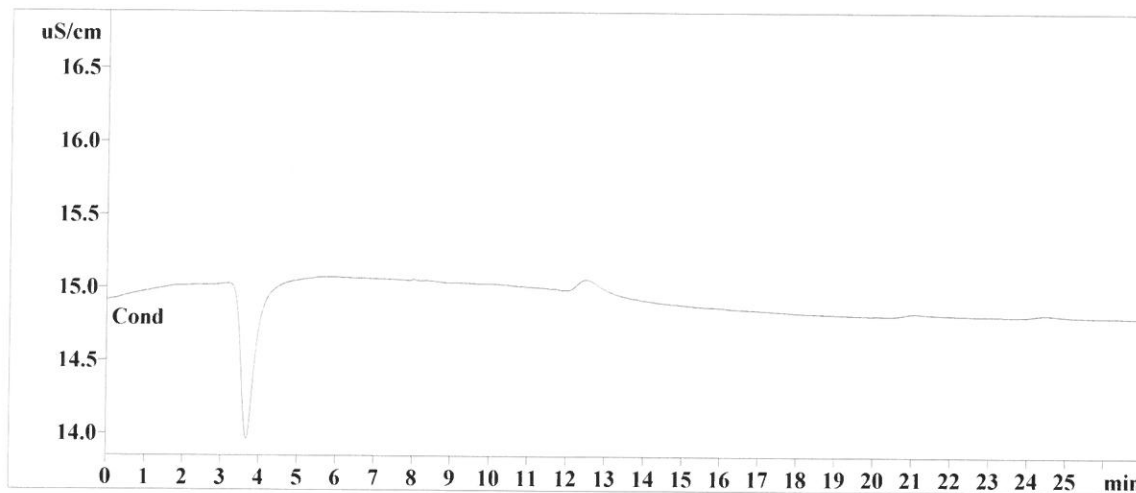
Ident: ICB
Analysis from: 11/13/2018 6:12:14 PM
File: _2018-11-13_

Last save: 11/14/2018 2:33:04 PM

Method: ANIONS 11-13-18.mtw
Run operator: wet
Analysis number: 64896

Last save: 11/13/2018 2:39:42 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: 11/21/2018 2:03:38 PM
Printed by: wet

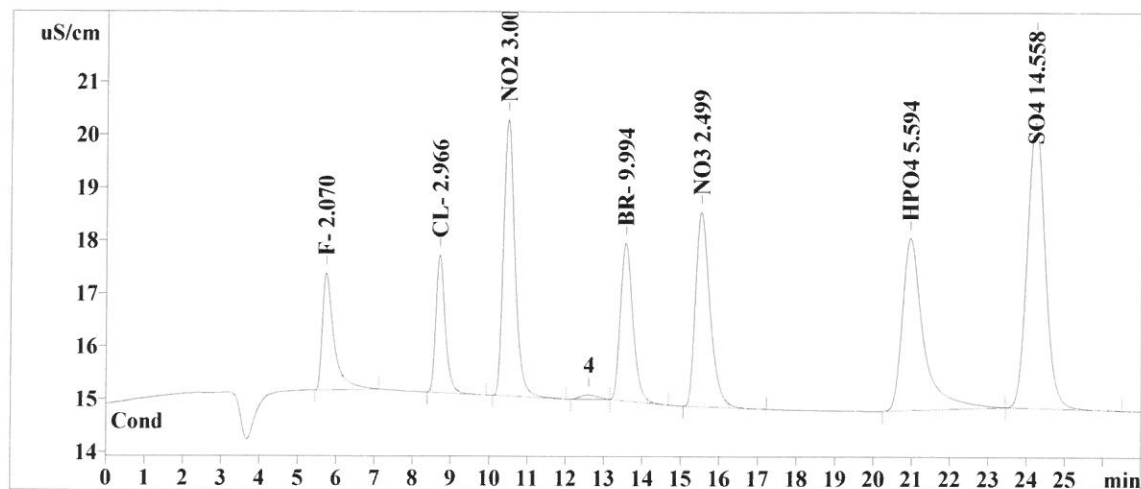
Ident: CCV
Analysis from: 11/21/2018 7:53:17 AM
File: _2018-11-21_

Last save: 11/21/2018 8:20:06 AM

Method: ANIONS 11-13-18.mtw
Run operator: wet
Analysis number: 65008

Last save: 11/13/2018 2:39:42 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	5.72	0.285	2.21	8.69	46.405	6.93	0.
2	8.70	0.265	2.60	10.22	45.651	6.82	0.
3	10.47	0.308	5.23	20.56	107.840	16.12	0.
4	13.56	0.348	2.98	11.72	67.918	10.15	0.
5	15.52	0.391	3.68	14.47	95.489	14.27	0.
6	20.95	0.521	3.25	12.81	126.090	18.84	0.
7	24.21	0.501	5.39	21.22	177.121	26.47	0.
7	27.00	0.374	25.33	99.68	666.515	99.61	0.

This report has been created by IC Net
METROHM LTD

Report date: 11/21/2018 2:03:58 PM
Printed by: wet

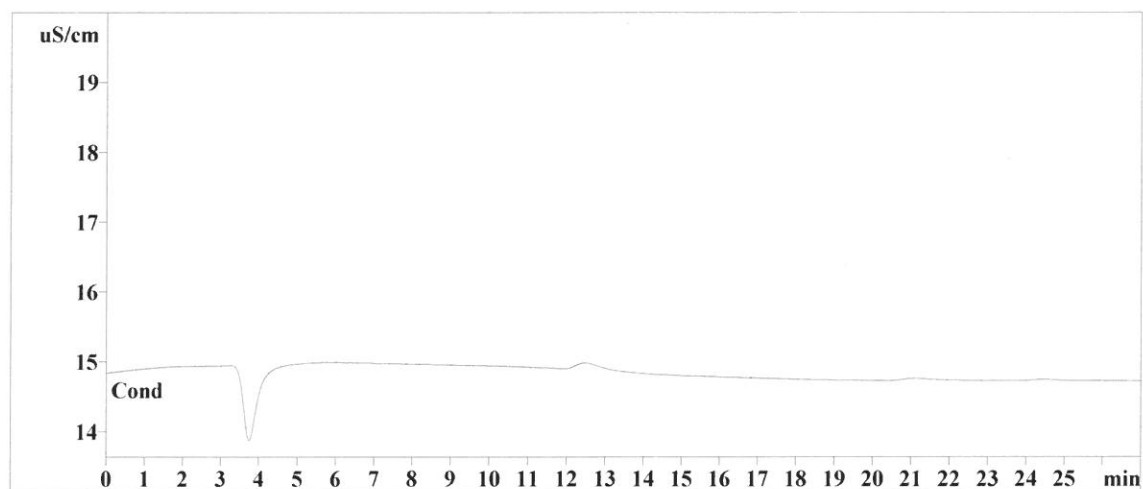
Ident: CCB
Analysis from: 11/21/2018 8:59:14 AM
File: _2018-11-21_

Last save: 11/21/2018 2:03:56 PM

Method: ANIONS 11-13-18.mtw
Run operator: wet
Analysis number: 65010

Last save: 11/13/2018 2:39:42 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: 11/21/2018 2:04:38 PM
Printed by: wet

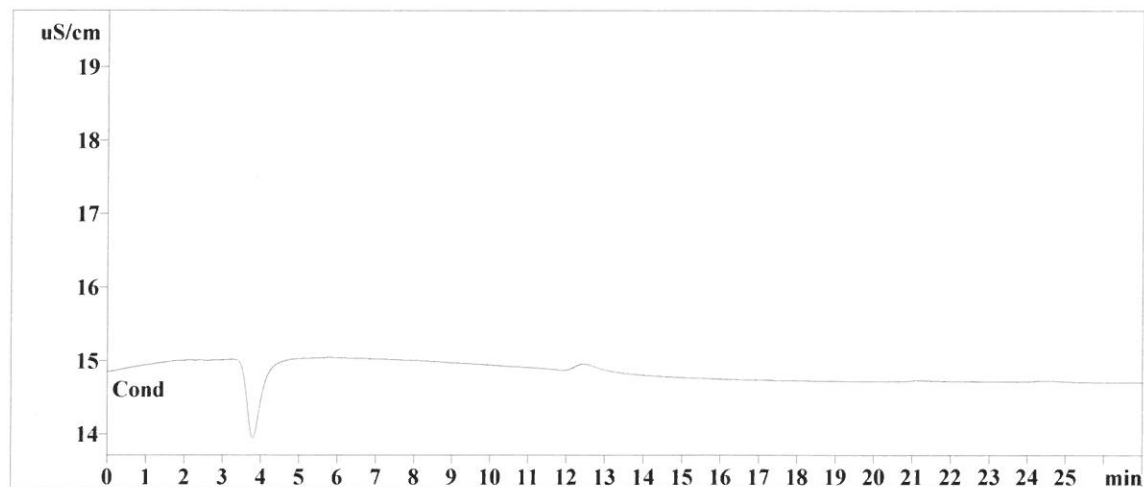
Ident: LB99350BLW
Analysis from: 11/21/2018 9:29:09 AM
File: _2018-11-21_

Last save: 11/21/2018 2:04:38 PM

Method: ANIONS 11-13-18.mtw
Run operator: wet
Analysis number: 65011

Last save: 11/13/2018 2:39:42 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: 11/21/2018 2:04:45 PM
Printed by: wet

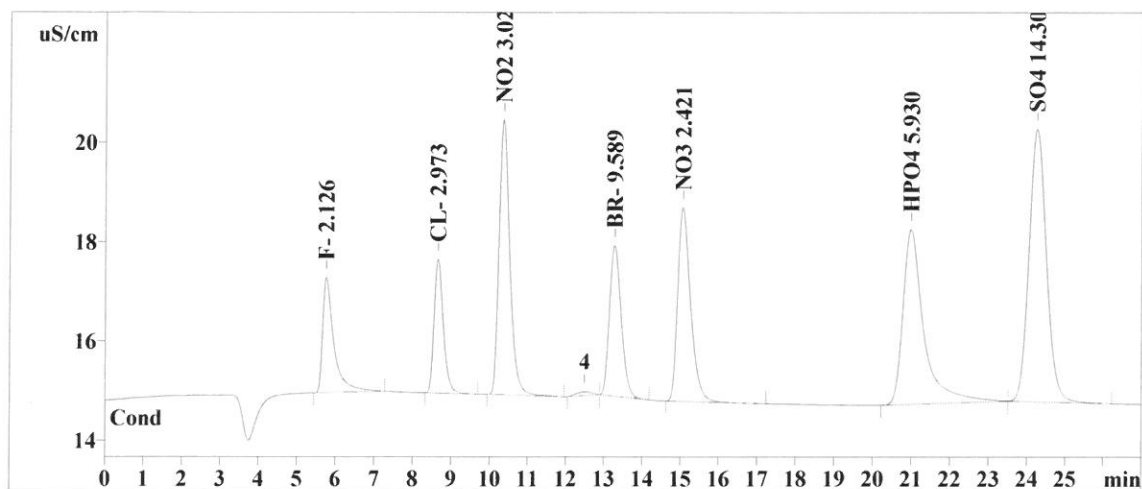
Ident: LB99350BSW
Analysis from: 11/21/2018 10:30:12 AM
File: _2018-11-21_

Last save: 11/21/2018 2:04:26 PM

Method: ANIONS 11-13-18.mtw
Run operator: wet
Analysis number: 65013

Last save: 11/13/2018 2:39:42 PM

SAMPLE:
: AK/AP
Vial number: 100
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	0.278	2.31	8.71	47.774	7.15	0.
2	8.65	0.256	2.69	10.13	45.765	6.85	0.
3	10.35	0.293	5.53	20.82	108.542	16.24	0.
4	13.27	0.331	3.03	11.43	65.016	9.72	0.
5	15.06	0.357	3.90	14.69	92.310	13.81	0.
6	20.98	0.506	3.52	13.25	133.067	19.90	0.
7	24.25	0.484	5.49	20.67	173.901	26.01	0.
7	27.00	0.358	26.46	99.69	666.376	99.67	0.

This report has been created by IC Net
METROHM LTD

Report date: 11/21/2018 2:07:51 PM
Printed by: wet

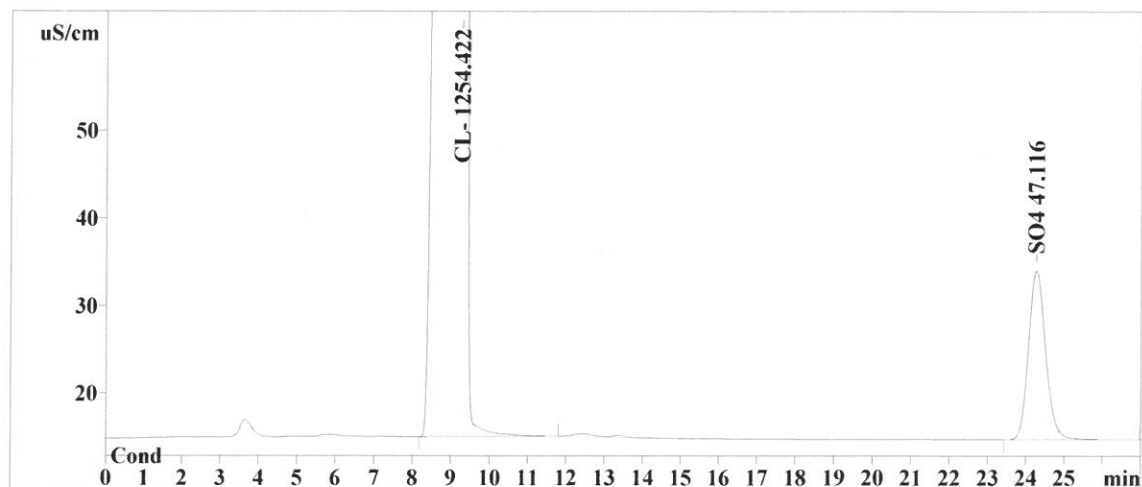
Ident: J6034-02
Analysis from: 11/21/2018 11:00:07 AM
File: _2018-11-21_

Last save: 11/21/2018 2:07:36 PM

Method: ANIONS 11-13-18.mtw
Run operator: wet
Analysis number: 65014

Last save: 11/13/2018 2:39:42 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 %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.27	0.619	563.60	96.64	20226.458	97.13	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	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	24.27	0.471	19.24	3.30	597.267	2.87	0.
7	27.00	0.156	582.84	99.93	20823.724	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 11/21/2018 2:05:00 PM
Printed by: wet

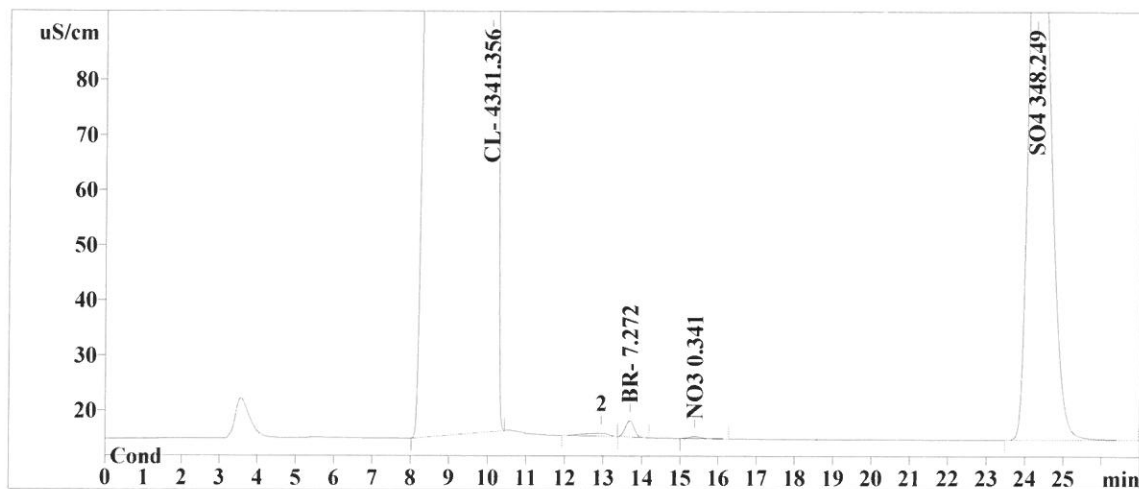
Ident: J6035-01
Analysis from: 11/21/2018 11:30:02 AM
File: _2018-11-21_

Last save: 11/21/2018 12:49:14 PM

Method: ANIONS 11-13-18.mtw
Run operator: wet
Analysis number: 65015

Last save: 11/13/2018 2:39:42 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 %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	10.08	1.381	911.80	87.40	70005.921	93.88	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.69	0.258	2.96	0.28	48.414	0.06	0.
5	15.39	0.342	0.35	0.03	7.645	0.01	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.28	0.548	127.59	12.23	4483.227	6.01	0.
7	27.00	0.361	1042.70	99.94	74545.206	99.97	0.

This report has been created by IC Net
METROHM LTD

Report date: 11/21/2018 2:05:12 PM
Printed by: wet

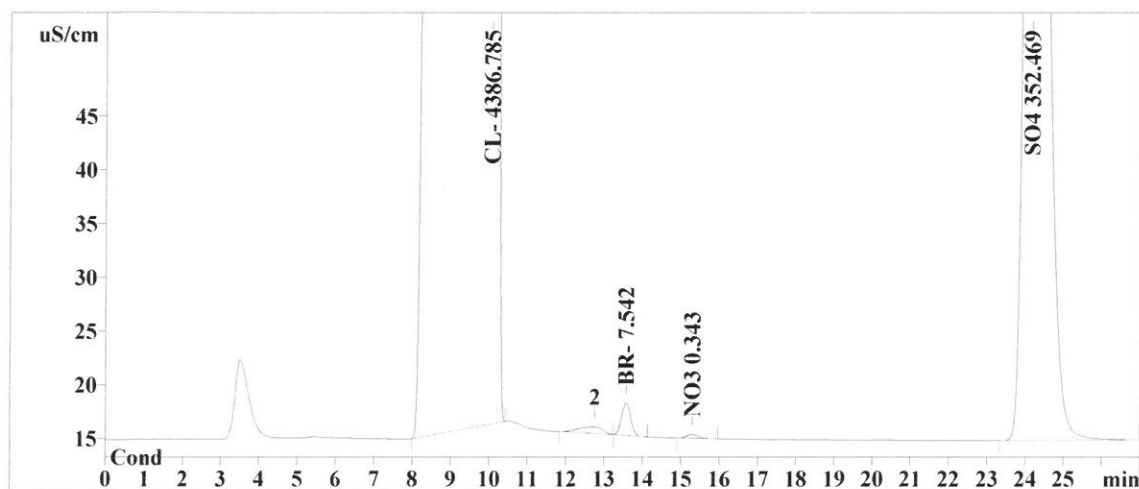
Ident: J6035-01DUP
Analysis from: 11/21/2018 11:59:57 AM
File: _2018-11-21_

Last save: 11/21/2018 12:48:26 PM

Method: ANIONS 11-13-18.mtw
Run operator: wet
Analysis number: 65016

Last save: 11/13/2018 2:39:42 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 %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	10.07	1.386	917.65	87.35	70738.507	93.87	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.59	0.262	3.02	0.29	50.345	0.07	0.
5	15.30	0.340	0.36	0.03	7.736	0.01	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.17	0.550	128.80	12.26	4537.687	6.02	0.
7	27.00	0.363	1049.82	99.93	75334.274	99.96	0.

This report has been created by IC Net
METROHM LTD

Report date: 11/21/2018 2:05:31 PM
 Printed by: wet

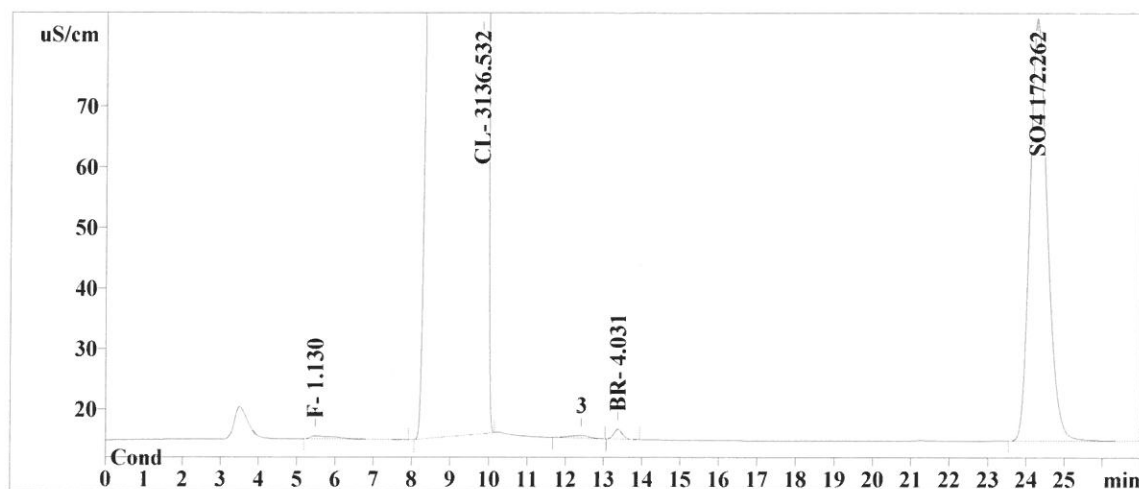
Ident: J6034-01
 Analysis from: 11/21/2018 12:29:53 PM
 File: _2018-11-21_

Last save: 11/21/2018 1:59:24 PM

Method: ANIONS 11-13-18.mtw
 Run operator: wet
 Analysis number: 65017

Last save: 11/13/2018 2:39:42 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	5.49	0.803	0.49	0.06	23.592	0.04	0.
2	9.80	1.104	813.76	91.82	50577.093	95.69	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.38	0.239	1.62	0.18	25.194	0.05	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	24.25	0.488	69.68	7.86	2212.205	4.19	0.
7	27.00	0.376	885.54	99.92	52838.083	99.97	0.

This report has been created by IC Net
 METROHM LTD

Report date: 11/21/2018 2:06:02 PM
Printed by: wet

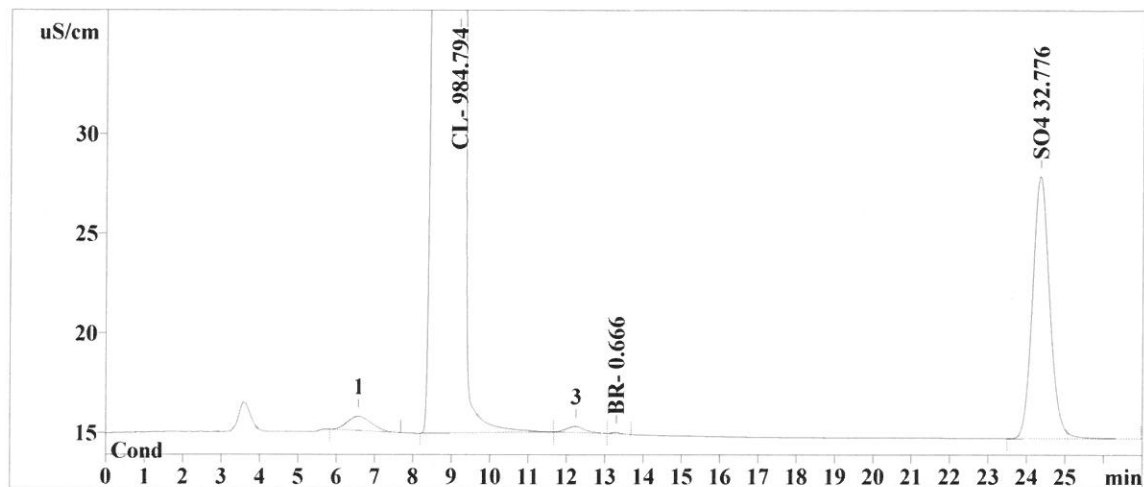
Ident: J6034-03
Analysis from: 11/21/2018 12:59:48 PM
File: _2018-11-21_

Last save: 11/21/2018 1:26:38 PM

Method: ANIONS 11-13-18.mtw
Run operator: wet
Analysis number: 65018

Last save: 11/13/2018 2:39:42 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	9.18	0.538	504.21	97.22	15878.473	97.21	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.30	0.261	0.07	0.01	1.085	0.01	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	24.34	0.475	13.15	2.54	412.210	2.52	0.
7	27.00	0.182	517.42	99.77	16291.768	99.74	0.

This report has been created by IC Net
METROHM LTD

Report date: 11/21/2018 2:06:14 PM
 Printed by: wet

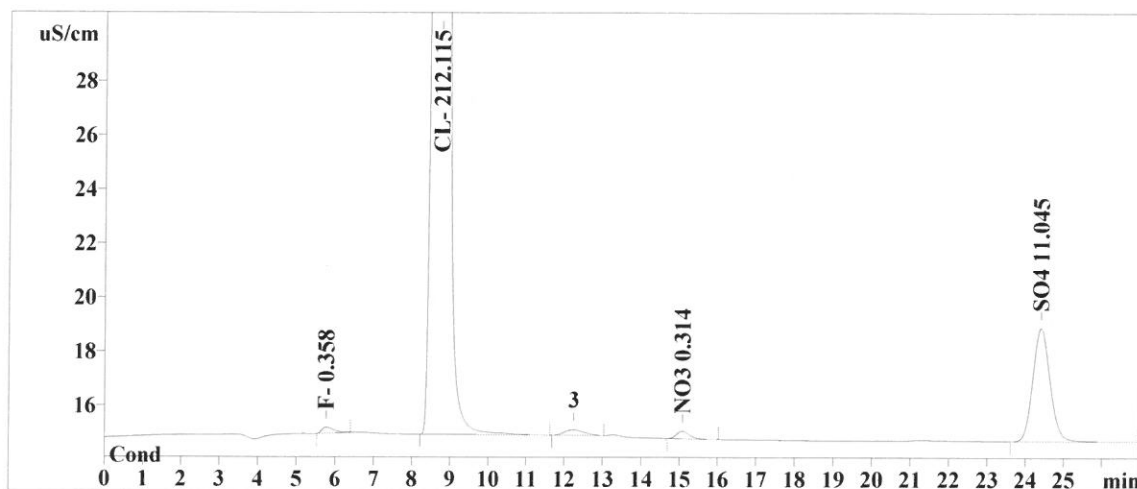
Ident: J6035-02
 Analysis from: 11/21/2018 1:29:43 PM
 File: _2018-11-21_

Last save: 11/21/2018 1:59:50 PM

Method: ANIONS 11-13-18.mtw
 Run operator: wet
 Analysis number: 65019

Last save: 11/13/2018 2:39:42 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	5.76	0.330	0.23	0.12	4.851	0.14	0.
2	8.75	0.289	185.92	97.43	3418.370	95.77	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	15.08	0.358	0.28	0.15	6.574	0.18	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.40	0.479	4.18	2.19	131.791	3.69	0.
7	27.00	0.208	190.61	99.89	3561.587	99.79	0.

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Report date: 11/27/2018 9:14:16 AM
 Printed by: wet

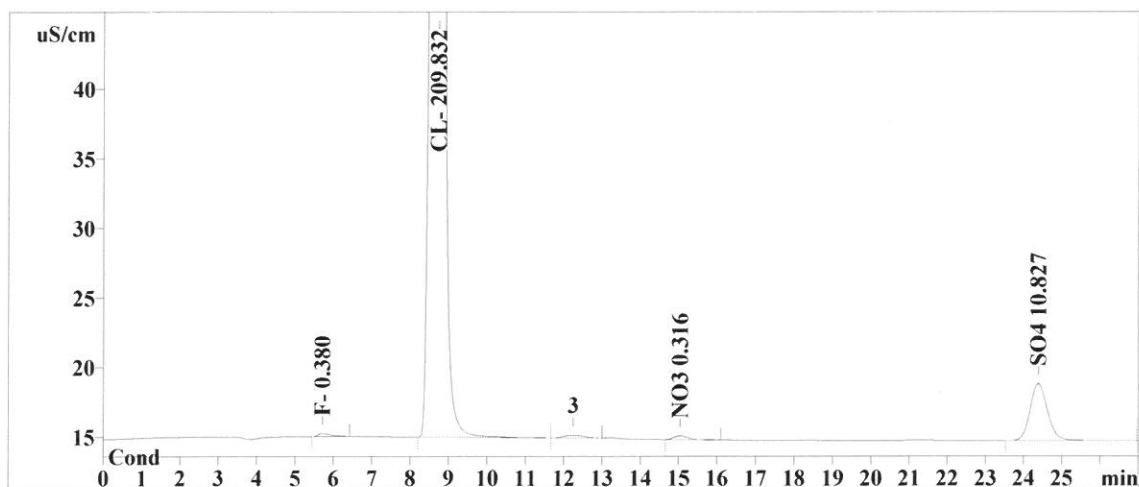
Ident: J6035-03
 Analysis from: 11/21/2018 1:59:37 PM
 File: _2018-11-21_

Last save: 11/27/2018 9:14:14 AM

Method: ANIONS 11-13-18.mtw
 Run operator: wet
 Analysis number: 65020

Last save: 11/13/2018 2:39:42 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	5.71	0.346	0.24	0.13	5.391	0.15	0.
2	8.72	0.290	182.28	97.42	3381.546	95.80	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	15.04	0.371	0.27	0.15	6.627	0.19	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.39	0.479	4.09	2.19	128.973	3.65	0.
7	27.00	0.212	186.88	99.88	3522.537	99.79	0.

This report has been created by IC Net
 METROHM LTD

Report date: 11/27/2018 9:18:38 AM
Printed by: wet

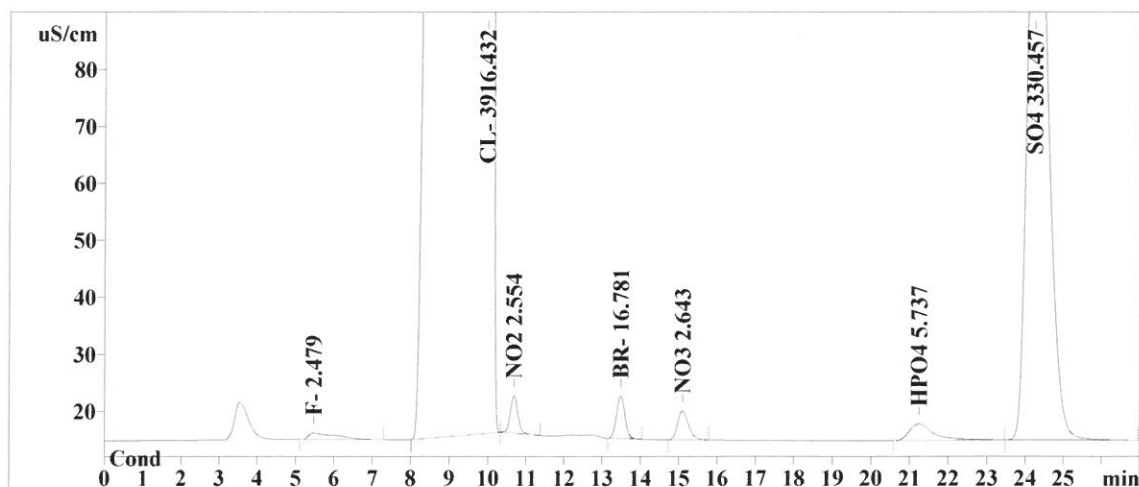
Ident: J6035-01MS
Analysis from: 11/21/2018 2:29:32 PM
File: _2018-11-21_

Last save: 11/27/2018 9:18:36 AM

Method: ANIONS 11-13-18.mtw
Run operator: wet
Analysis number: 65021

Last save: 11/13/2018 2:39:42 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 %	
1	5.47	0.896	1.12	0.11	56.341	0.08	0.
2	9.97	1.300	874.45	85.70	63153.654	93.01	0.
3	10.68	0.208	6.58	0.64	90.649	0.13	0.
4	13.49	0.241	7.49	0.73	116.542	0.17	0.
5	15.10	0.310	5.04	0.49	101.353	0.15	0.
6	21.24	0.592	2.91	0.29	129.054	0.19	0.
7	24.23	0.541	122.51	12.01	4253.632	6.26	0.
7	27.00	0.584	1020.10	99.98	67901.225	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 11/27/2018 9:19:05 AM
Printed by: wet

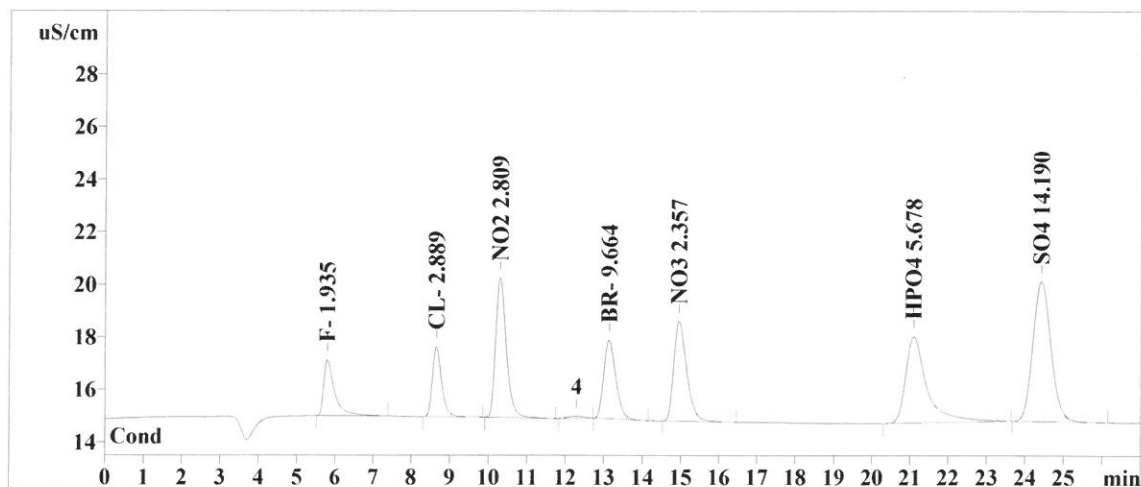
Ident: CCV
Analysis from: 11/21/2018 2:59:27 PM
File: _2018-11-21_

Last save: 11/21/2018 3:26:16 PM

Method: ANIONS 11-13-18.mtw
Run operator: wet
Analysis number: 65022

Last save: 11/13/2018 2:39:42 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	5.79	0.275	2.13	8.33	43.133	6.68	0.
2	8.65	0.250	2.65	10.39	44.409	6.88	0.
3	10.30	0.283	5.29	20.71	100.353	15.54	0.
4	13.13	0.338	2.98	11.69	65.554	10.15	0.
5	14.95	0.357	3.80	14.87	89.687	13.89	0.
6	21.09	0.516	3.28	12.85	127.840	19.80	0.
7	24.42	0.496	5.32	20.85	172.376	26.70	0.
7	27.00	0.359	25.46	99.70	643.352	99.66	0.

This report has been created by IC Net
METROHM LTD

Report date: 11/27/2018 9:19:28 AM
Printed by: wet

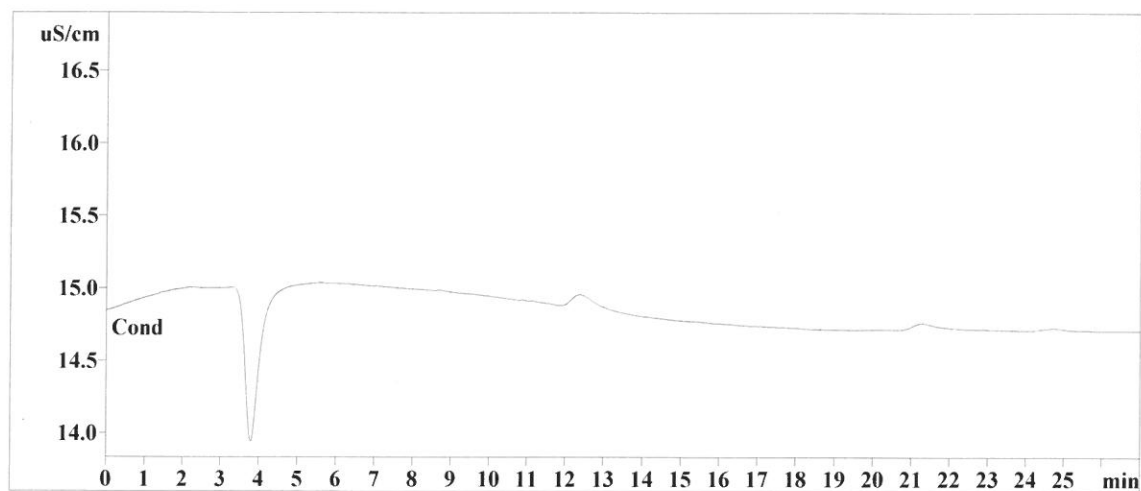
Ident: CCB
Analysis from: 11/21/2018 3:29:22 PM
File: _2018-11-21_

Last save: 11/27/2018 9:19:28 AM

Method: ANIONS 11-13-18.mtw
Run operator: wet
Analysis number: 65023

Last save: 11/13/2018 2:39:42 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: 11/27/2018 9:21:45 AM
Printed by: wet

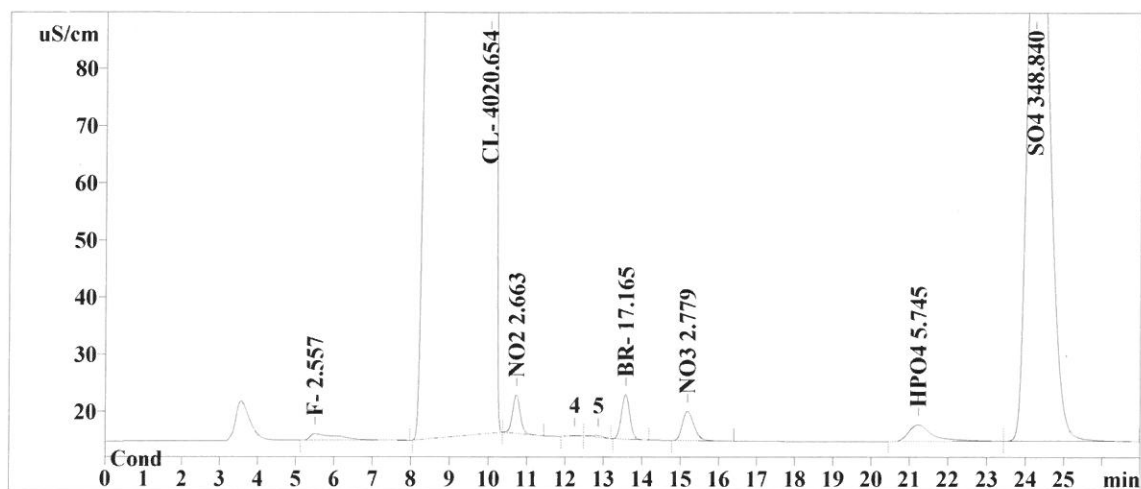
Ident: J6035-01MSD
Analysis from: 11/21/2018 4:29:12 PM
File: _2018-11-21_

Last save: 11/27/2018 9:21:46 AM

Method: ANIONS 11-13-18.mtw
Run operator: wet
Analysis number: 65025

Last save: 11/13/2018 2:39:42 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	5.50	0.906	1.11	0.11	58.220	0.08	0.
2	10.01	1.314	886.96	85.37	64834.331	92.83	0.
3	10.73	0.212	6.74	0.65	94.806	0.14	0.
4	13.57	0.237	7.79	0.75	119.292	0.17	0.
5	15.18	0.321	5.10	0.49	106.881	0.15	0.
6	21.23	0.587	2.93	0.28	129.220	0.19	0.
7	24.22	0.547	127.67	12.29	4490.853	6.43	0.
7	27.00	0.589	1038.31	99.94	69833.603	99.99	0.

This report has been created by IC Net
METROHM LTD

Report date: 11/27/2018 9:21:56 AM
 Printed by: wet

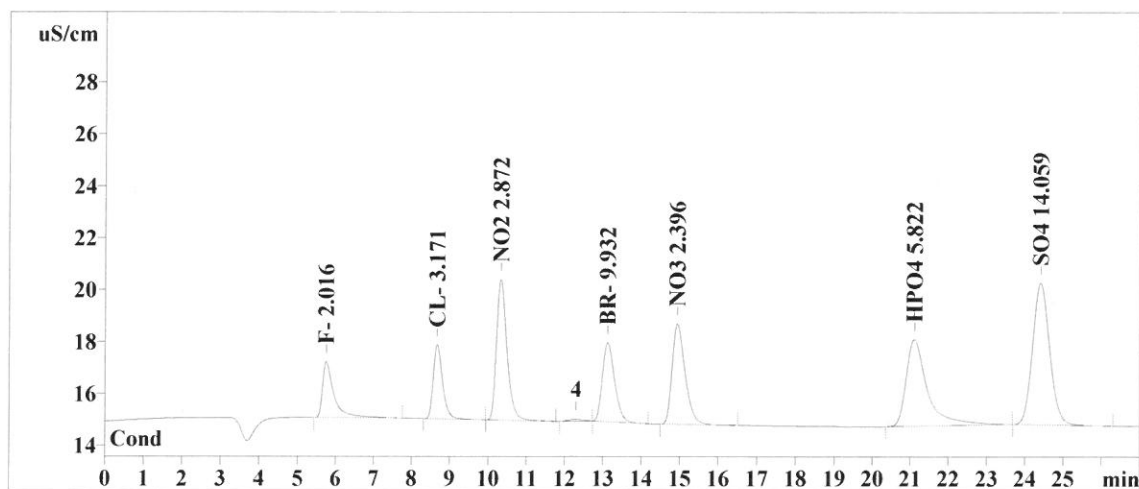
Ident: CCV
 Analysis from: 11/21/2018 4:59:07 PM
 File: _2018-11-21_

Last save: 11/21/2018 5:25:56 PM

Method: ANIONS 11-13-18.mtw
 Run operator: wet
 Analysis number: 65026

Last save: 11/13/2018 2:39:42 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	5.75	0.279	2.14	8.17	45.097	6.84	0.
2	8.67	0.257	2.86	10.90	48.957	7.43	0.
3	10.33	0.283	5.41	20.67	102.761	15.59	0.
4	13.12	0.341	3.04	11.62	67.474	10.24	0.
5	14.93	0.358	3.87	14.76	91.271	13.85	0.
6	21.10	0.522	3.34	12.73	130.826	19.85	0.
7	24.40	0.478	5.46	20.85	170.679	25.89	0.
7	27.00	0.360	26.12	99.70	657.066	99.68	0.

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 METROHM LTD

Report date: 11/27/2018 9:22:15 AM
Printed by: wet

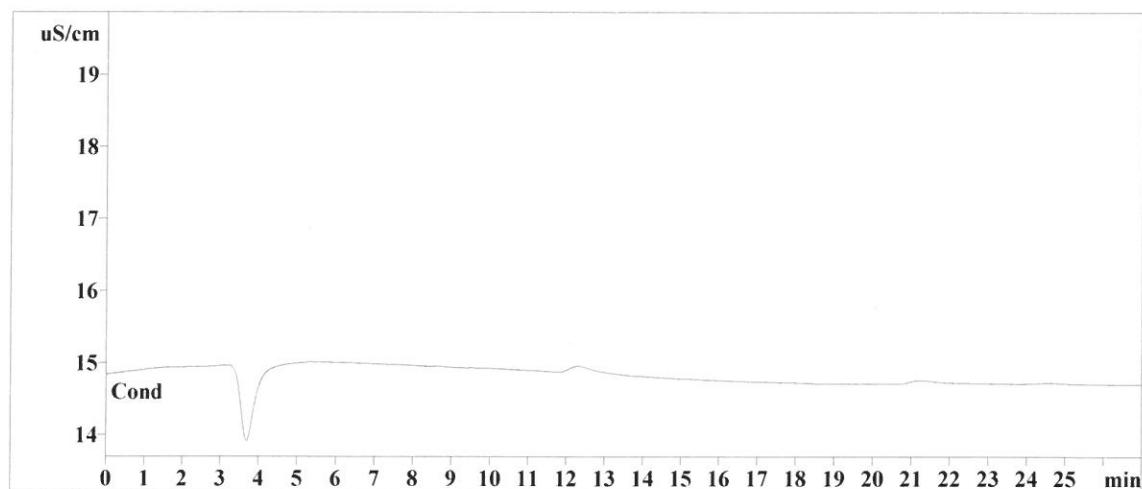
Ident: CCB
Analysis from: 11/21/2018 5:29:02 PM
File: _2018-11-21_

Last save: 11/27/2018 9:22:16 AM

Method: ANIONS 11-13-18.mtw
Run operator: wet
Analysis number: 65027

Last save: 11/13/2018 2:39:42 PM

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



Quantitation method: Custom

No peaks

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