

Clear table

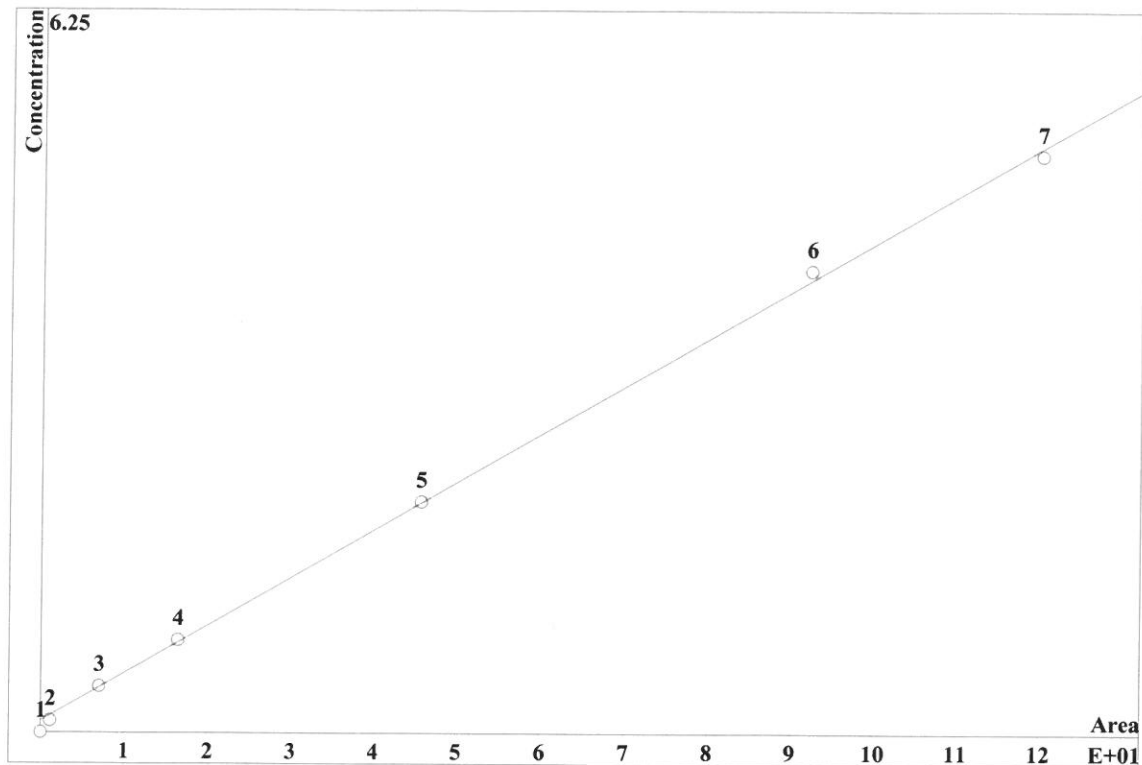
IC-1 300-0
3-22-18 A1←

ident	concentrati on F-	concentrati on CL-	concentrati on NO2	concentrati on BR-	concentrati on NO3	concentrati on HPO4	concentrati on SO4	file name	date time
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-03-19_	3/19/18 11:39
STD2	0.1500	0.2550	0.2370	0.8930	0.2300	0.1560	1.3110	_2018-03-19_	3/19/18 12:11
STD3	0.3910	0.6370	0.6410	2.1570	0.5450	0.9160	3.1970	_2018-03-19_	3/19/18 12:43
STD4	0.7810	1.1970	1.1780	3.8990	0.9790	2.0960	5.8990	_2018-03-19_	3/19/18 13:15
STD5	1.9910	2.8560	2.9190	9.4060	2.3260	5.1130	14.1490	_2018-03-19_	3/19/18 13:47
STD6	3.9180	5.8250	5.7830	19.7170	4.9370	10.1390	29.5500	_2018-03-19_	3/19/18 14:19
STD7	5.0690	7.6800	7.6910	25.4270	6.3580	12.3300	38.1440	_2018-03-19_	3/19/18 14:51
ICV	1.9800	2.9080	2.9290	9.6630	2.3880	5.2610	15.2060	_2018-03-19_	3/19/18 16:27
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-03-19_	3/19/18 17:23
CCV	1.8610	2.9500	2.9450	9.6180	2.3840	4.9210	14.5700	_2018-03-21_	3/21/18 12:12
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-03-21_	3/21/18 12:44
J2005-07	0.0000	1733.9080	0.0000	0.0000	0.2740	0.0000	59.7190	_2018-03-21_	3/21/18 13:14
J2005-08	0.0000	960.0340	0.0000	0.0000	0.9010	0.0000	21.3810	_2018-03-21_	3/21/18 13:45
LB94047BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-03-21_	3/21/18 14:15
LB94047BSW	1.9260	2.8490	2.8650	9.4270	2.3070	5.1200	14.7160	_2018-03-21_	3/21/18 14:46
J2005-01	0.0000	1238.2490	0.0000	0.0000	0.0000	0.0000	54.8240	_2018-03-21_	3/21/18 15:17
J2005-06	0.0000	1947.7430	0.0000	0.0000	0.0000	0.0000	68.1160	_2018-03-21_	3/21/18 15:48
J2005-08DUP	0.0000	966.5630	0.0000	0.0000	0.9140	0.0000	20.5410	_2018-03-21_	3/21/18 16:19
J2005-08MS	2.0810	877.5670	1.9130	9.9610	3.2080	7.1240	34.8830	_2018-03-21_	3/21/18 16:50
J2005-08MSD	2.3170	866.0690	1.9600	10.0260	3.2400	7.5380	35.2420	_2018-03-21_	3/21/18 17:21
CCV	2.0190	3.0460	2.9280	9.7410	2.4010	5.4450	14.7060	_2018-03-21_	3/21/18 18:54
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-03-21_	3/21/18 19:25
CCV	2.1880	2.8740	2.9110	9.6420	2.3630	4.6160	14.4280	_2018-03-22_	3/22/18 8:48
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-03-22_	3/22/18 9:19
LB94047BLW2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-03-22_	3/22/18 9:50
LB94047BSW2	1.9300	2.7930	2.7820	9.2310	2.2850	5.1060	14.5400	_2018-03-22_	3/22/18 10:21
J2005-07DLX200	0.0000	5.7740	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-03-22_	3/22/18 10:52
J2005-08DLX200	0.0000	3.1260	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-03-22_	3/22/18 11:23
J2005-01DLX200	0.0000	4.0550	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-03-22_	3/22/18 11:54
J2005-06DLX200	0.0000	6.3410	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-03-22_	3/22/18 12:25

IC-1 3-19-18
cal Ak

CALIBRATION OF COMPONENT F-

Method: ANIONS 03-19-18.mtw
Equation: $Q = 0.827175 \cdot A + 2.04637$
RSD: 2.922 %
Correlation coefficient: 0.999651



K3 = 0 K2 = 0 K1 = 0.827175 K0 = 2.04637

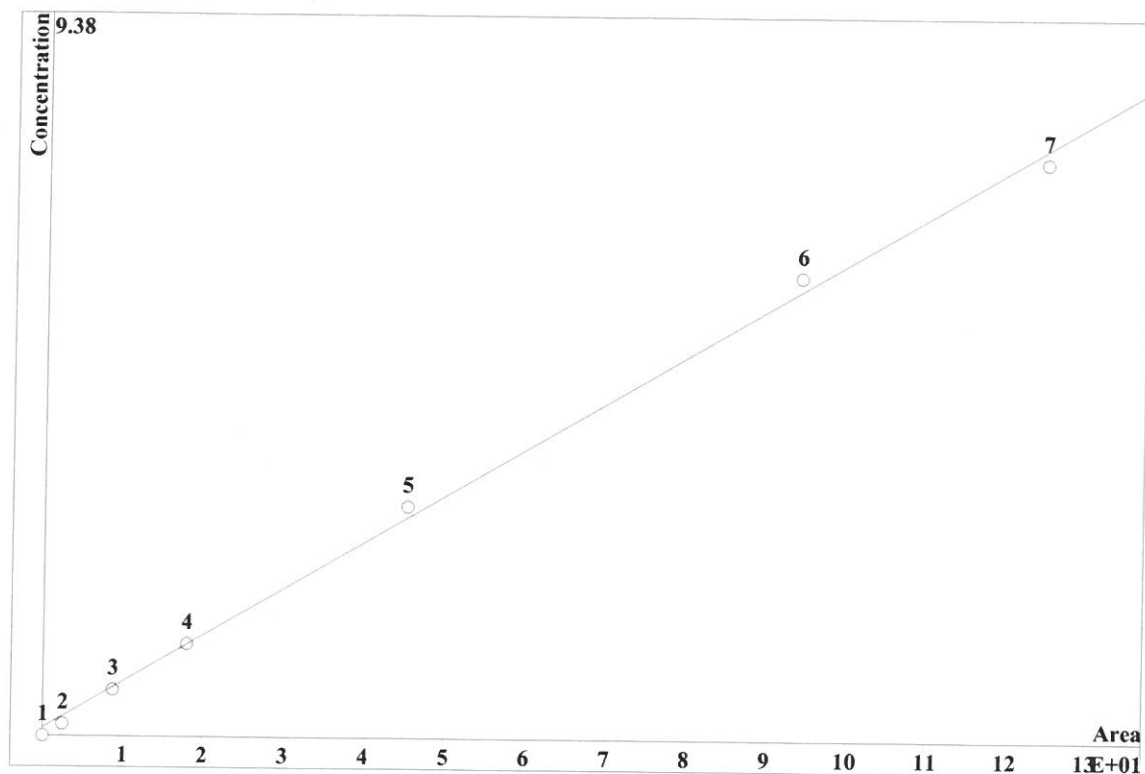
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
-------	--------	------	-------	---------	-----------	------	------

1	0	0	0	0	0	No
2	0.04538	1.141	0.1	20	5.921	Yes
3	0.2594	6.989	0.4	20	5.921	Yes
4	0.5635	16.41	0.8	20	5.921	Yes
5	1.518	45.66	2	20	5.921	Yes
6	3.234	92.27	4	20	5.921	Yes
7	4.105	120.1	5	20	5.921	Yes

CALIBRATION OF COMPONENT CL-

Method: ANIONS 03-19-18.mtw
 Equation: $Q = 1.21583 \cdot A + 2.13837$
 RSD: 5.049 %
 Correlation coefficient: 0.998959



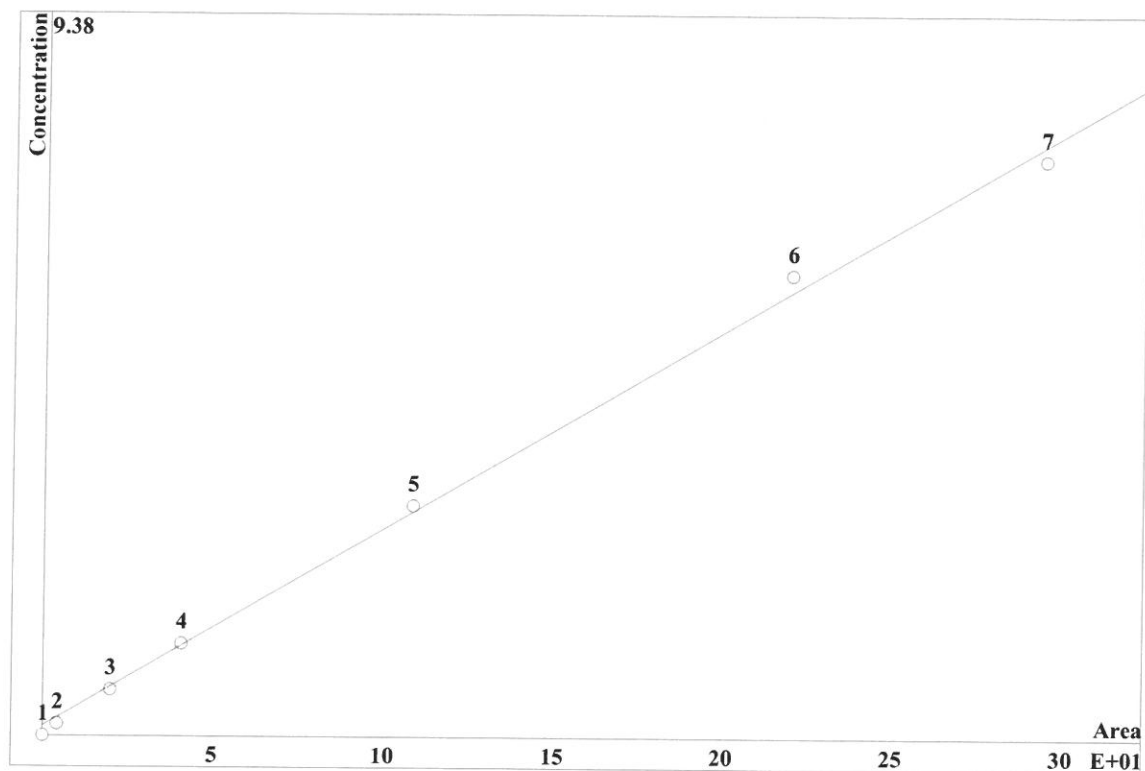
K3 = 0 K2 = 0 K1 = 1.21583 K0 = 2.13837

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

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.1382	2.432	0.15	20	8.982	Yes		
3	0.5252	8.718	0.6	20	8.982	Yes		
4	1.075	17.94	1.2	20	8.982	Yes		
5	2.756	45.22	3	20	8.982	Yes		
6	5.764	94.06	6	20	8.982	Yes		
7	7.49	124.6	7.5	20	8.982	Yes		

CALIBRATION OF COMPONENT NO2

Method: ANIONS 03-19-18.mtw
 Equation: $Q = 0.51376 \cdot A + 2.60348$
 RSD: 5.143 %
 Correlation coefficient: 0.998920



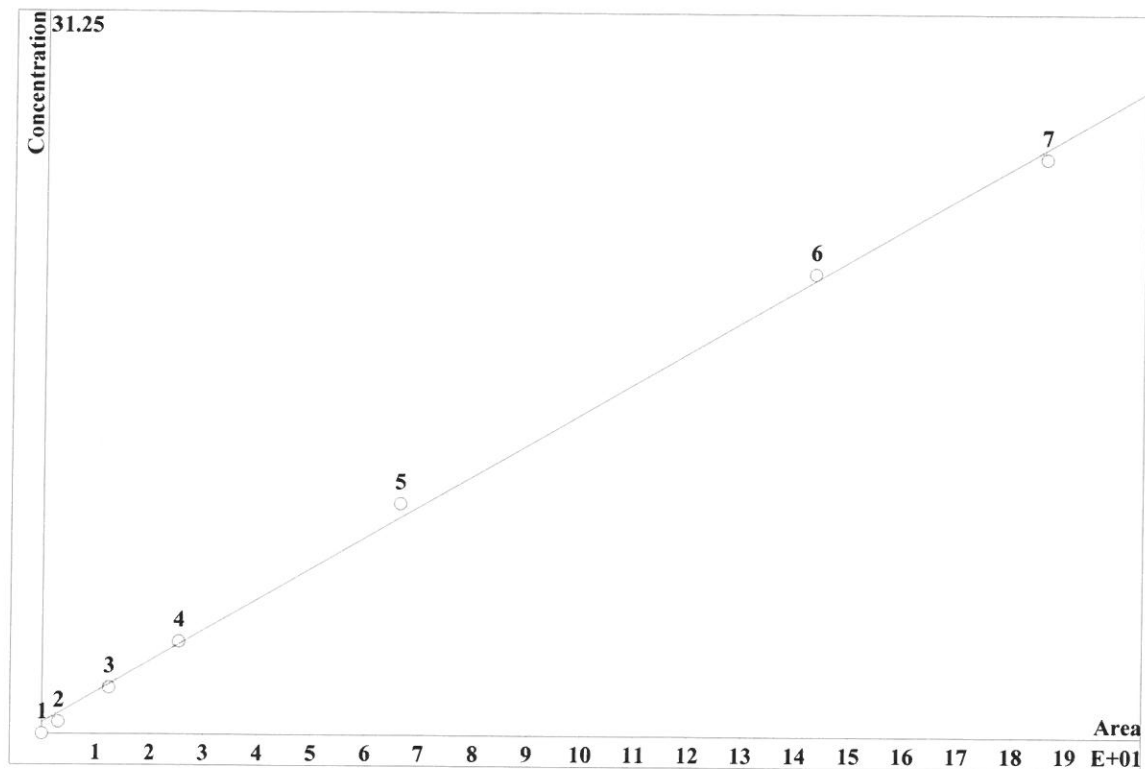
K3 = 0 K2 = 0 K1 = 0.51376 K0 = 2.60348

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

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.21	4.156	0.15	20	10.72	Yes		
3	1.035	19.9	0.6	20	10.72	Yes		
4	2.13	40.8	1.2	20	10.72	Yes		
5	5.487	108.6	3	20	10.72	Yes		
6	11.13	220	6	20	10.72	Yes		
7	14.24	294.3	7.5	20	10.72	Yes		

CALIBRATION OF COMPONENT BR-

Method: ANIONS 03-19-18.mtw
 Equation: $Q = 2.68494 \cdot A + 9.86212$
 RSD: 4.375 %
 Correlation coefficient: 0.999218



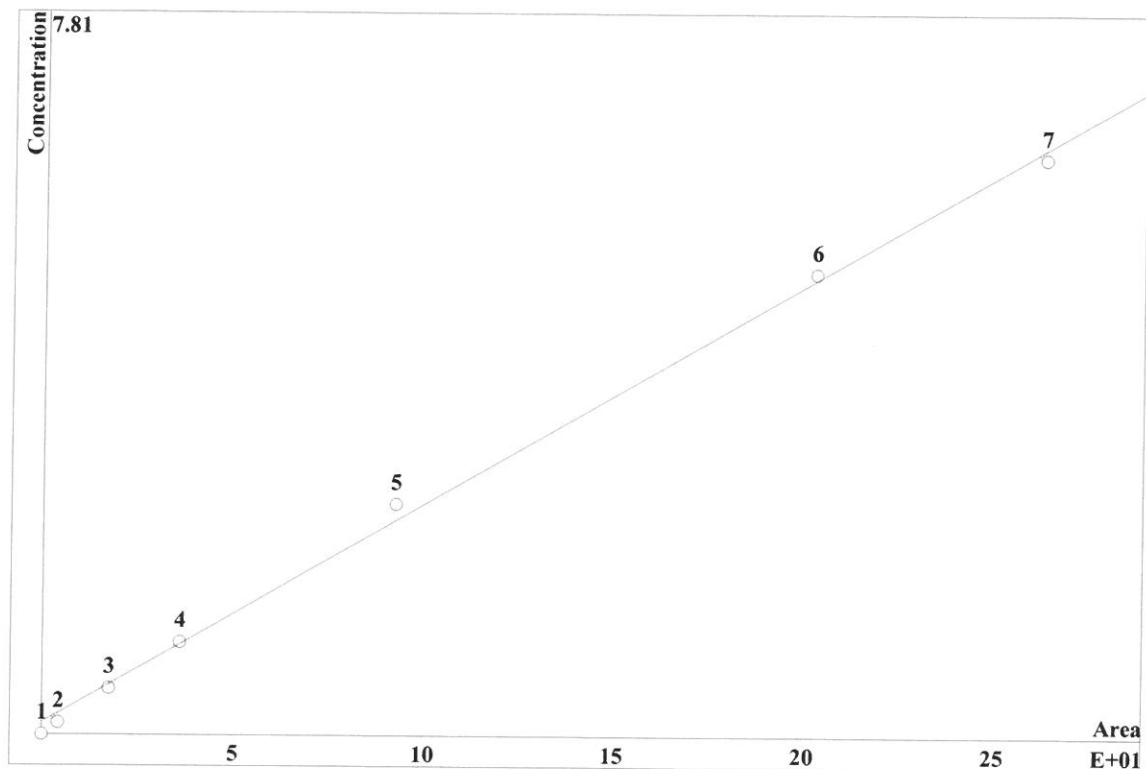
K3 = 0 K2 = 0 K1 = 2.68494 K0 = 9.86212

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

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.1528	2.981	0.5	20	13.6			Yes
3	0.6454	12.39	2	20	13.6			Yes
4	1.339	25.37	4	20	13.6			Yes
5	3.519	66.39	10	20	13.6			Yes
6	7.35	143.2	20	20	13.6			Yes
7	9.434	185.7	25	20	13.6			Yes

CALIBRATION OF COMPONENT NO3

Method: ANIONS 03-19-18.mtw
 Equation: $Q = 0.473492 \cdot A + 2.64071$
 RSD: 4.760 %
 Correlation coefficient: 0.999075



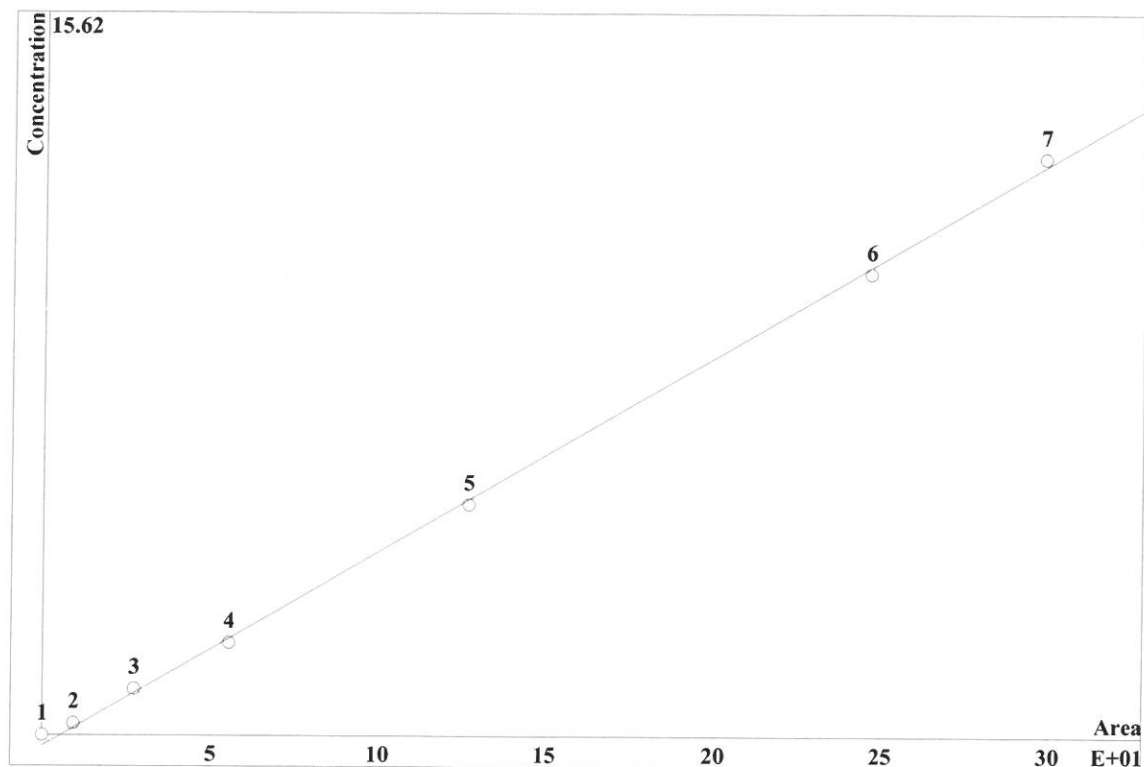
K3 = 0 K2 = 0 K1 = 0.473492 K0 = 2.64071

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

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.1886	4.149	0.125	20	15.49			Yes
3	0.7944	17.44	0.5	20	15.49			Yes
4	1.643	35.76	1	20	15.49			Yes
5	4.336	92.66	2.5	20	15.49			Yes
6	9.344	203	5	20	15.49			Yes
7	12.2	263	6.25	20	15.49			Yes

CALIBRATION OF COMPONENT HPO4

Method: ANIONS 03-19-18.mtw
 Equation: $Q = 0.841758 \cdot A - 4.5807$
 RSD: 2.868 %
 Correlation coefficient: 0.999664



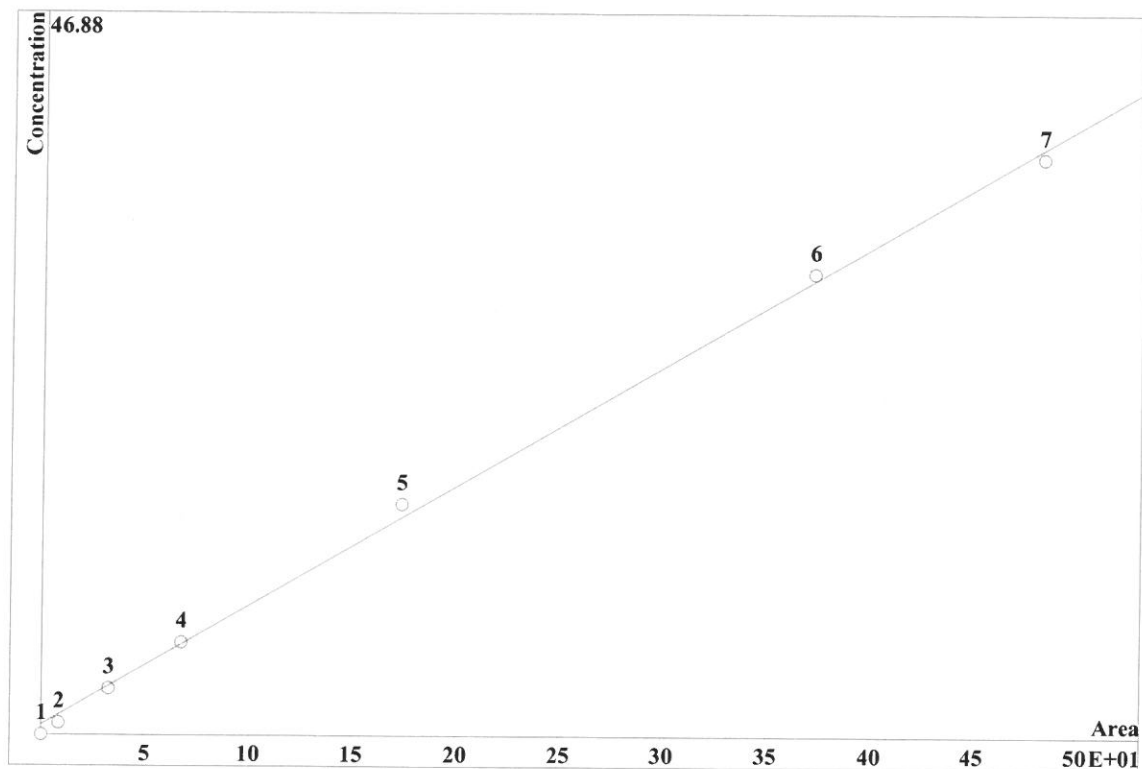
K3 = 0 K2 = 0 K1 = 0.841758 K0 = -4.5807

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

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0		0		0			No
2	0.2149	9.149		0.25	20		22.72	Yes
3	0.6954	27.2		1	20		22.72	Yes
4	1.377	55.25		2	20		22.72	Yes
5	3.348	126.9		5	20		22.72	Yes
6	6.804	246.3		10	20		22.72	Yes
7	8.626	298.4		12.5	20		22.72	Yes

CALIBRATION OF COMPONENT SO4

Method: ANIONS 03-19-18.mtw
 Equation: $Q = 1.55224 \cdot A + 13.2199$
 RSD: 4.247 %
 Correlation coefficient: 0.999263



K3 = 0 K2 = 0 K1 = 1.55224 K0 = 13.2199

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

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.2644	8.376	0.75	20	25.7		Yes
3	1.07	32.68	3	20	25.7		Yes
4	2.205	67.48	6	20	25.7		Yes
5	5.865	173.8	15	20	25.7		Yes
6	12.67	372.2	30	20	25.7		Yes
7	16.58	483	37.5	20	25.7		Yes

Report date: 3/19/2018 4:51:12 PM
Printed by: wet

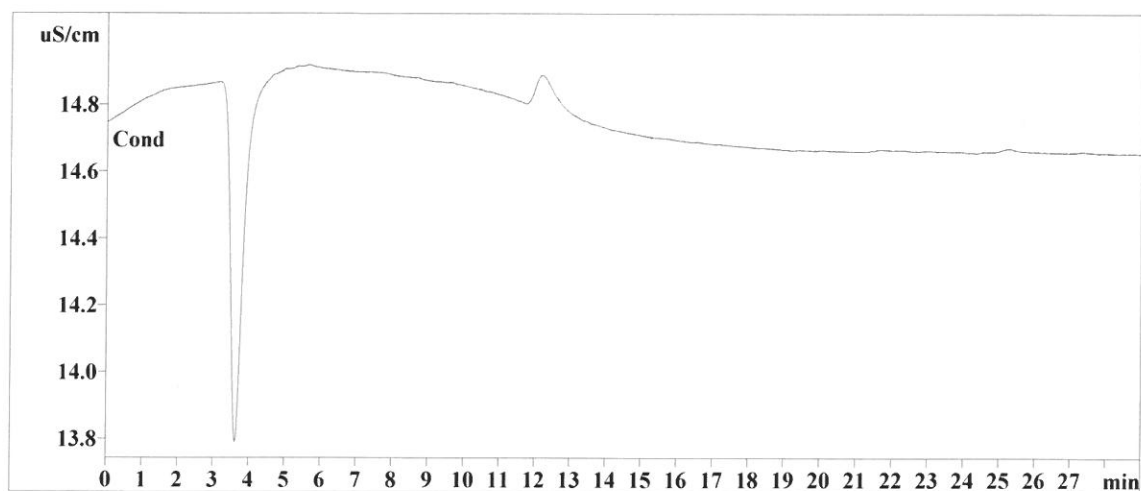
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Analysis from: 3/19/2018 11:39:46 AM
File: _2018-03-19_

Last save: 3/19/2018 4:49:08 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61448

Last save: 3/19/2018 9:52:10 AM

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
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Report date: 3/19/2018 4:51:19 PM
Printed by: wet

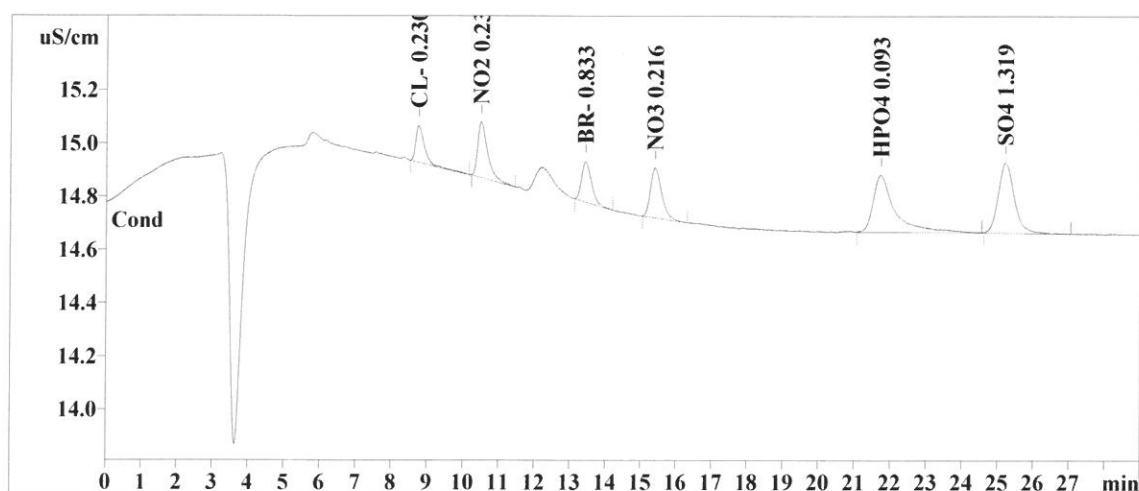
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Analysis from: 3/19/2018 12:11:40 PM
File: _2018-03-19_

Last save: 3/19/2018 4:50:02 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61449

Last save: 3/19/2018 9:52:10 AM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.74	0.250	0.14	11.78	2.432	7.78	0.
3	10.49	0.286	0.21	17.92	4.156	13.30	0.
4	13.43	0.301	0.15	13.00	2.981	9.54	0.
5	15.38	0.332	0.19	16.07	4.149	13.28	0.
6	21.72	0.523	0.21	18.31	9.149	29.28	0.
7	25.21	0.468	0.26	22.57	8.376	26.81	0.
7	29.00	0.309	1.16	99.65	31.243	100.00	0.

This report has been created by IC Net
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Report date: 3/19/2018 4:52:13 PM
Printed by: wet

Ident: STD2
Analysis from: 3/19/2018 12:11:40 PM
File: _2018-03-19_

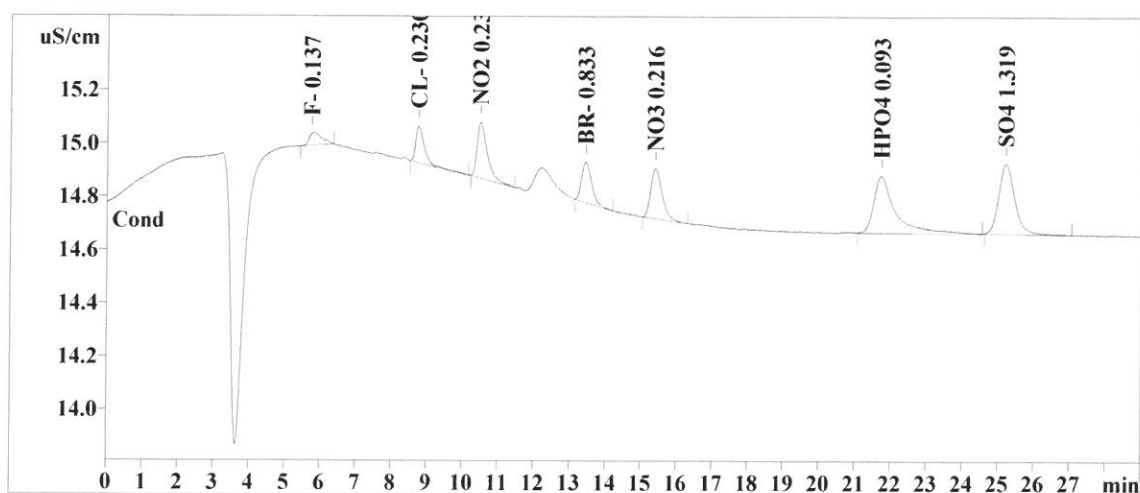
Last save: 3/19/2018 4:52:12 PM

Manual peaks!

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61449

Last save: 3/19/2018 9:52:10 AM

SAMPLE:
: AK/AP
Vial number: 3
Volume: 20.0 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	5.74	0.369	0.05	3.74	1.141	3.52	0.
2	8.74	0.250	0.14	11.34	2.432	7.51	0.
3	10.49	0.286	0.21	17.25	4.156	12.83	0.
4	13.43	0.301	0.15	12.51	2.981	9.20	0.
5	15.38	0.332	0.19	15.47	4.149	12.81	0.
6	21.72	0.523	0.21	17.63	9.149	28.25	0.
7	25.21	0.468	0.26	21.73	8.376	25.86	0.
7	29.00	0.361	1.21	99.67	32.384	100.00	0.

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Report date: 3/19/2018 5:16:31 PM
Printed by: wet

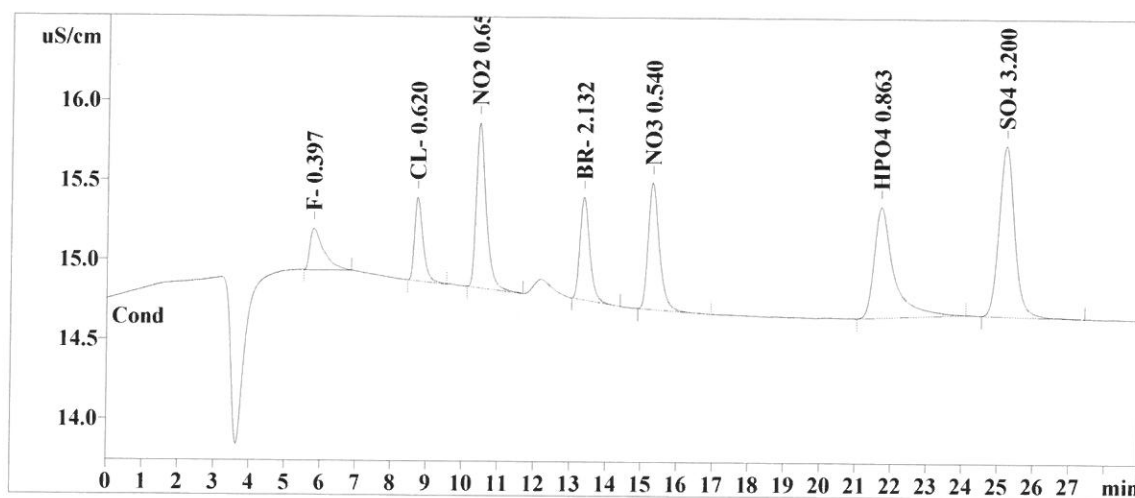
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File: _2018-03-19_

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

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61450

Last save: 3/19/2018 9:52:10 AM

SAMPLE:
: 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	5.79	0.378	0.26	5.15	6.989	5.58	0.
2	8.72	0.248	0.52	10.44	8.718	6.96	0.
3	10.46	0.282	1.03	20.57	19.904	15.88	0.
4	13.36	0.289	0.64	12.83	12.392	9.89	0.
5	15.29	0.326	0.79	15.80	17.438	13.92	0.
6	21.70	0.505	0.70	13.83	27.196	21.70	0.
7	25.21	0.454	1.07	21.29	32.680	26.08	0.
7	29.00	0.355	5.02	99.92	125.316	100.00	0.

This report has been created by IC Net
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Report date: 3/19/2018 5:16:37 PM
Printed by: wet

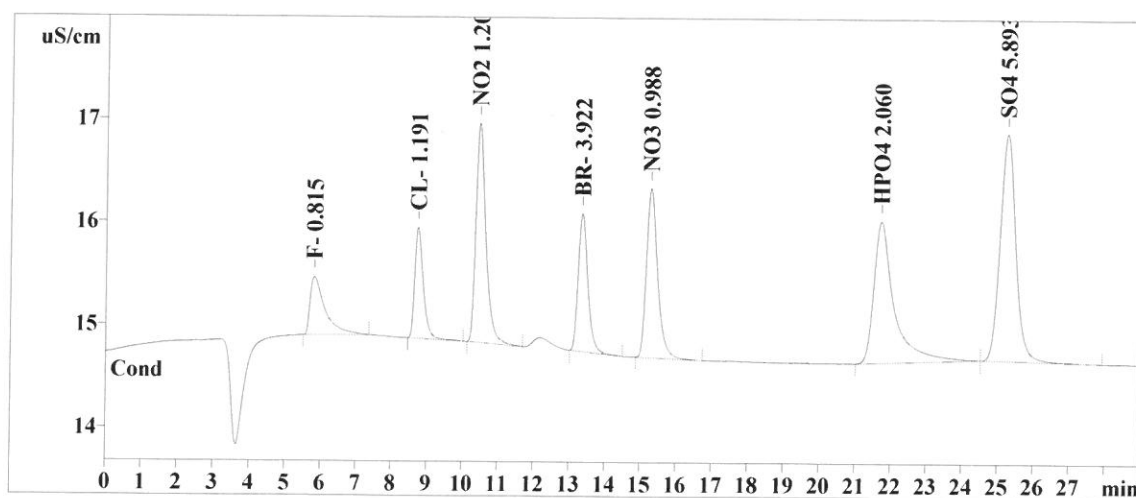
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File: _2018-03-19_

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

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61451

Last save: 3/19/2018 9:52:10 AM

SAMPLE:
: AK/AP
Vial number: 5
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.81	0.391	0.56	5.44	16.409	6.33	0.
2	8.73	0.246	1.08	10.41	17.939	6.93	0.
3	10.45	0.280	2.13	20.61	40.803	15.75	0.
4	13.35	0.285	1.34	12.96	25.373	9.80	0.
5	15.27	0.323	1.64	15.89	35.765	13.81	0.
6	21.71	0.507	1.38	13.32	55.249	21.33	0.
7	25.25	0.458	2.21	21.34	67.485	26.05	0.
7	29.00	0.356	10.33	99.98	259.022	100.00	0.

This report has been created by IC Net
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Report date: 3/19/2018 5:16:44 PM
Printed by: wet

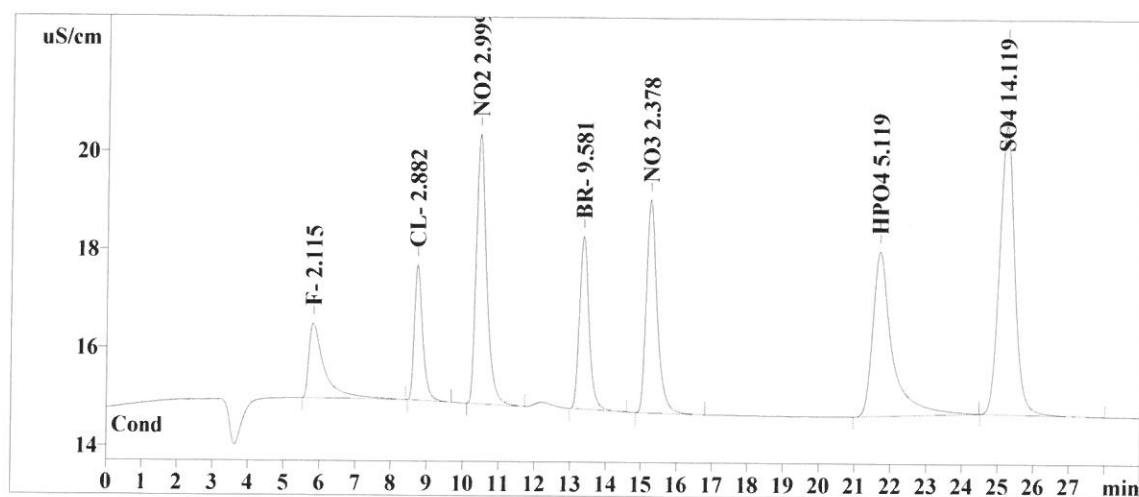
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Analysis from: 3/19/2018 1:47:22 PM
File: _2018-03-19_

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

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61452

Last save: 3/19/2018 9:52:10 AM

SAMPLE:
: AK/AP
Vial number: 6
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.81	0.382	1.52	5.65	45.665	6.93	0.
2	8.72	0.244	2.76	10.27	45.218	6.86	0.
3	10.44	0.291	5.49	20.45	108.582	16.47	0.
4	13.35	0.283	3.52	13.12	66.393	10.07	0.
5	15.23	0.315	4.34	16.16	92.663	14.06	0.
6	21.68	0.486	3.35	12.48	126.933	19.25	0.
7	25.21	0.443	5.86	21.86	173.784	26.36	0.
7	29.00	0.349	26.83	99.99	659.239	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/19/2018 5:16:51 PM
Printed by: wet

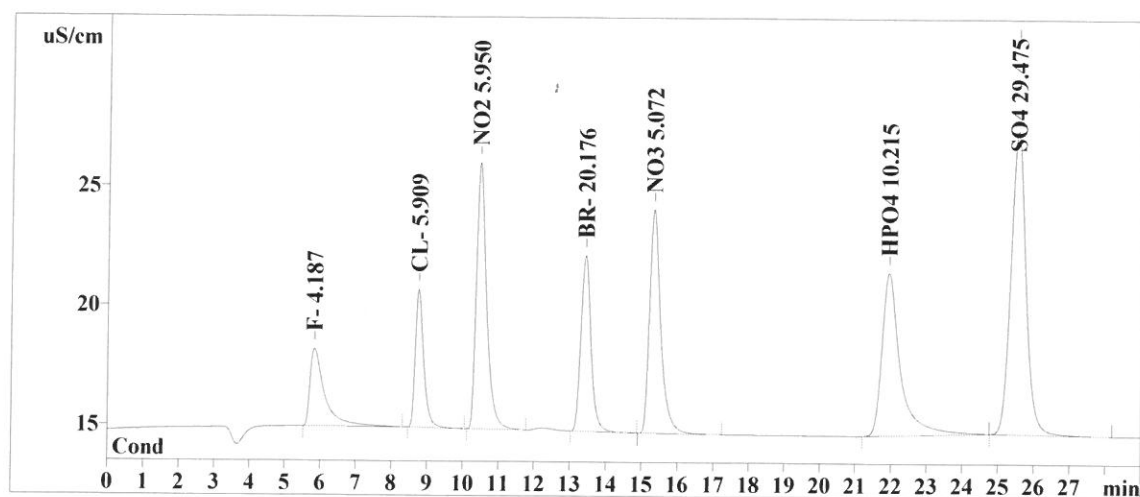
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Analysis from: 3/19/2018 2:19:16 PM
File: _2018-03-19_

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

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61453

Last save: 3/19/2018 9:52:10 AM

SAMPLE:
: AK/AP
Vial number: 7
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.83	0.371	3.23	5.74	92.268	6.73	0.
2	8.74	0.241	5.76	10.24	94.056	6.86	0.
3	10.45	0.290	11.13	19.77	220.042	16.05	0.
4	13.42	0.292	7.35	13.06	143.199	10.44	0.
5	15.31	0.316	9.34	16.60	202.969	14.80	0.
6	21.92	0.475	6.80	12.09	246.345	17.97	0.
7	25.51	0.439	12.67	22.50	372.225	27.15	0.
7	29.00	0.346	56.30	100.00	1371.105	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/19/2018 5:16:57 PM
Printed by: wet

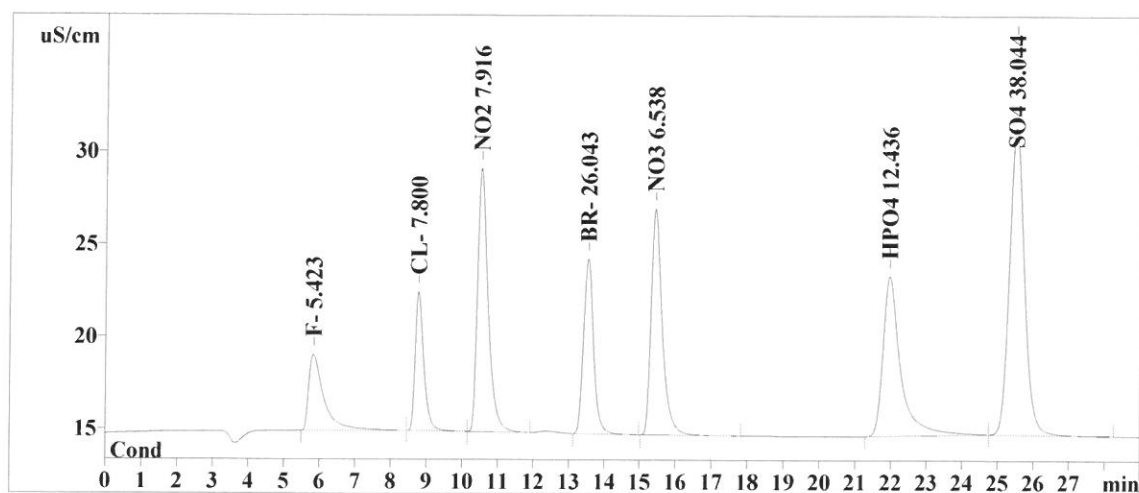
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Analysis from: 3/19/2018 2:51:11 PM
File: _2018-03-19_

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

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61454

Last save: 3/19/2018 9:52:10 AM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.83	0.387	4.10	5.65	120.082	6.79	0.
2	8.77	0.245	7.49	10.31	124.582	7.04	0.
3	10.51	0.304	14.24	19.59	294.341	16.64	0.
4	13.53	0.296	9.43	12.98	185.734	10.50	0.
5	15.41	0.314	12.20	16.79	262.984	14.87	0.
6	21.95	0.457	8.63	11.87	298.393	16.87	0.
7	25.49	0.436	16.58	22.81	482.955	27.30	0.
7	29.00	0.349	72.68	99.99	1769.070	100.00	0.

This report has been created by IC Net
METROHM LTD

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

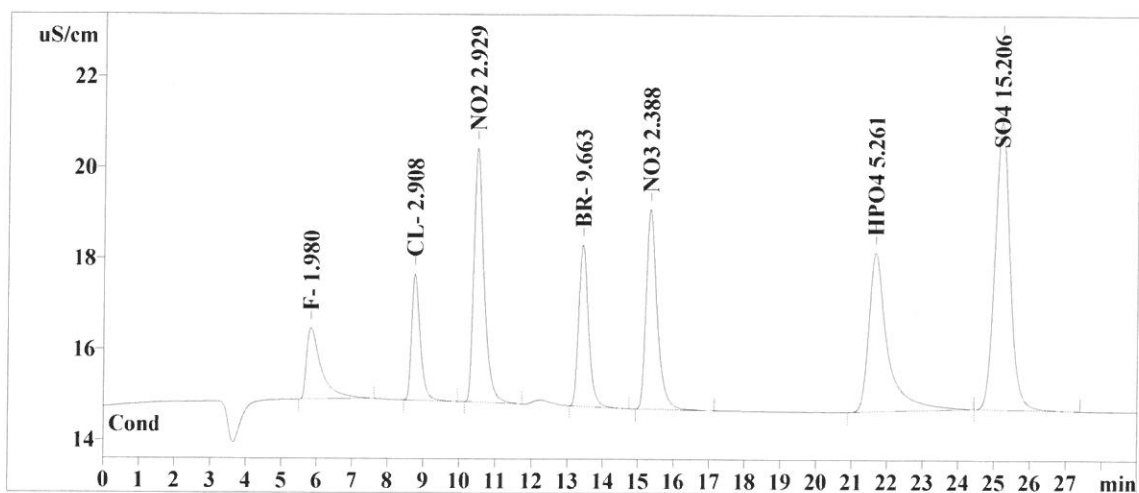
Ident: ICV
Analysis from: 3/19/2018 4:27:28 PM
File: _2018-03-19_

Last save: 3/19/2018 6:46:38 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61457

Last save: 3/19/2018 9:52:10 AM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.83	0.389	1.56	5.64	45.402	6.66	0.
2	8.75	0.246	2.78	10.02	46.071	6.76	0.
3	10.48	0.285	5.60	20.21	108.955	15.98	0.
4	13.42	0.288	3.56	12.84	68.309	10.02	0.
5	15.32	0.319	4.39	15.85	95.307	13.98	0.
6	21.66	0.482	3.49	12.60	130.436	19.13	0.
7	25.19	0.443	6.33	22.84	187.404	27.48	0.
7	29.00	0.350	27.70	100.00	681.883	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/19/2018 6:46:49 PM
Printed by: wet

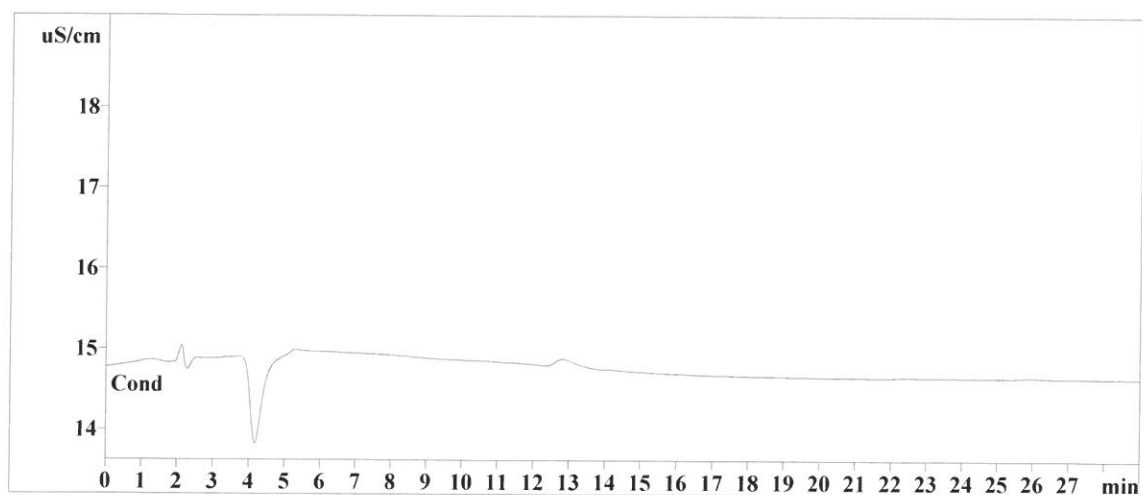
Ident: ICB
Analysis from: 3/19/2018 5:23:20 PM
File: _2018-03-19_

Last save: 3/19/2018 6:46:38 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61459

Last save: 3/19/2018 9:52:10 AM

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 3/22/2018 11:10:11 AM
Printed by: wet

Ident: CCV
Analysis from: 3/21/2018 12:12:50 PM
File: _2018-03-21_

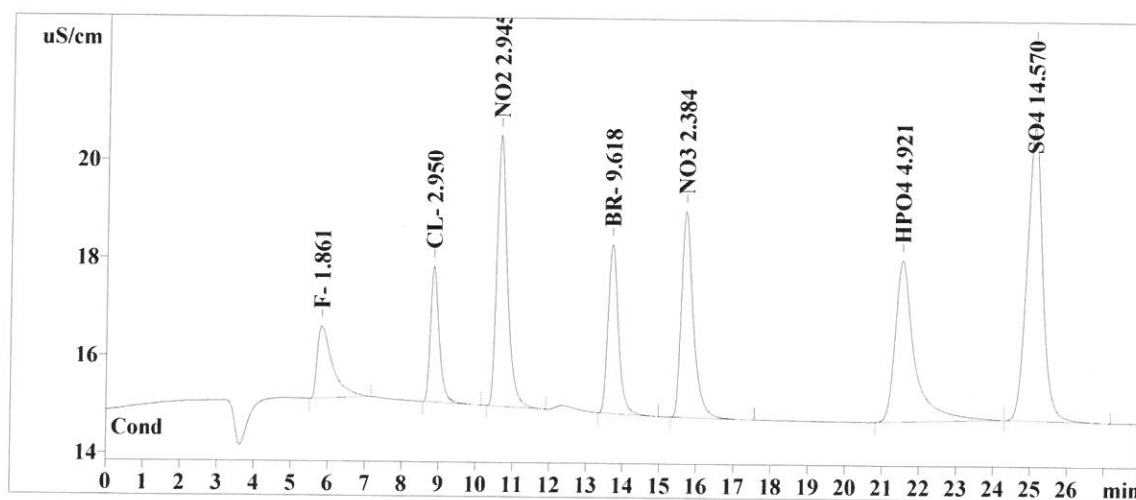
Last save: 3/21/2018 12:40:40 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61487

Last save: 3/21/2018 12:39:56 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	5.82	0.401	1.47	5.49	42.511	6.41	0.
2	8.83	0.249	2.78	10.40	46.768	7.05	0.
3	10.63	0.291	5.54	20.72	109.570	16.51	0.
4	13.69	0.293	3.46	12.94	67.969	10.24	0.
5	15.68	0.331	4.21	15.75	95.101	14.33	0.
6	21.52	0.479	3.30	12.33	122.364	18.44	0.
7	25.06	0.449	5.98	22.36	179.214	27.01	0.
7	28.00	0.356	26.73	100.00	663.497	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/22/2018 11:11:17 AM
Printed by: wet

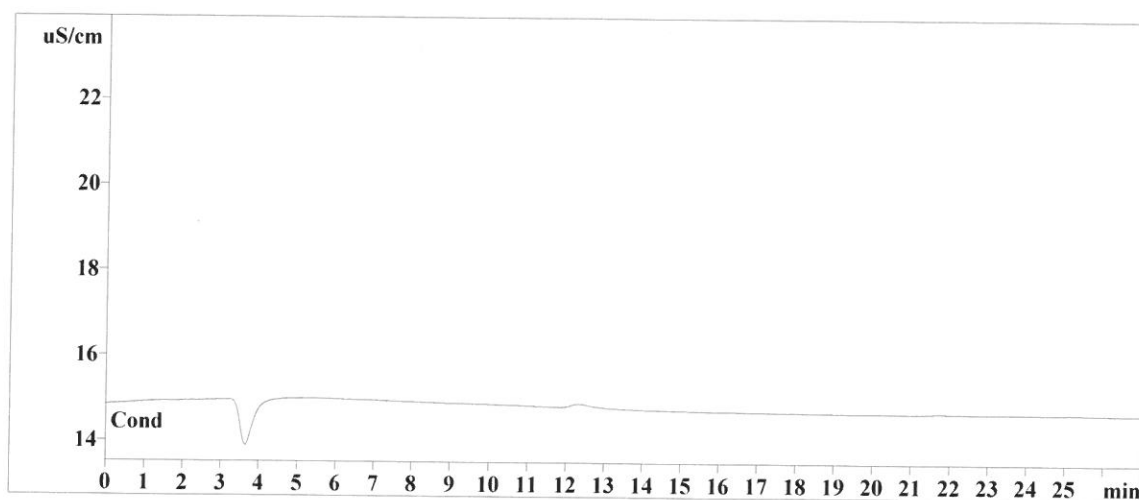
Ident: CCB
Analysis from: 3/21/2018 12:44:11 PM
File: _2018-03-21_

Last save: 3/21/2018 1:11:00 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61488

Last save: 3/21/2018 1:08:36 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: 3/22/2018 11:17:39 AM
Printed by: wet

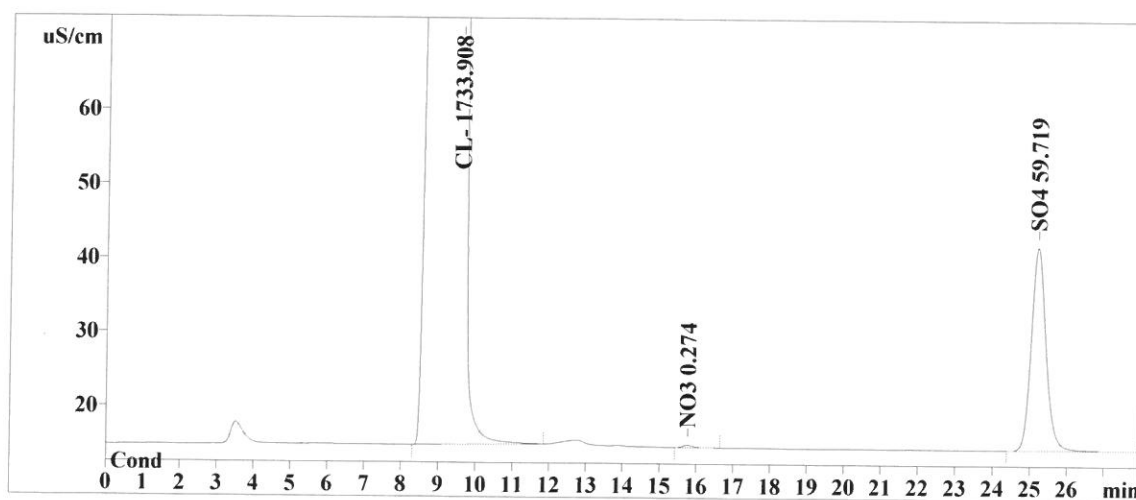
Ident: J2005-07
Analysis from: 3/21/2018 1:14:06 PM
File: _2018-03-21_

Last save: 3/22/2018 11:14:58 AM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61489

Last save: 3/21/2018 1:22:26 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.58	0.742	672.12	96.04	28520.512	97.38	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	15.76	0.276	0.32	0.05	5.980	0.02	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.19	0.417	27.36	3.91	760.942	2.60	0.
7	28.00	0.205	699.80	99.99	29287.434	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/22/2018 11:18:24 AM
Printed by: wet

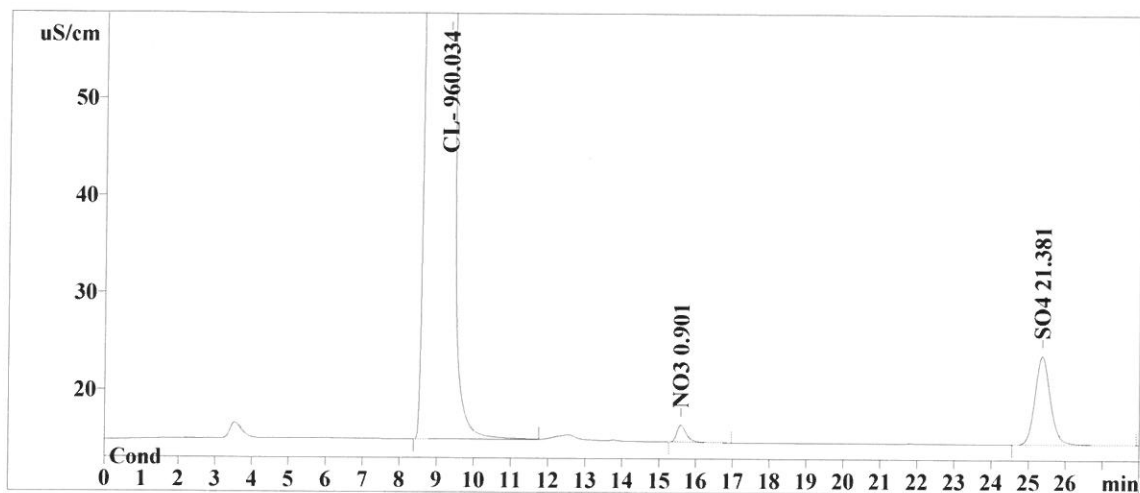
Ident: J2005-08
Analysis from: 3/21/2018 1:45:00 PM
File: _2018-03-21_

Last save: 3/22/2018 11:18:18 AM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61490

Last save: 3/21/2018 1:22:26 PM

SAMPLE:
: AK/AP
Vial number: 9
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.32	0.515	521.75	97.95	15790.519	98.14	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	15.59	0.273	1.75	0.33	32.468	0.20	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.36	0.439	9.09	1.71	266.967	1.66	0.
7	28.00	0.175	532.59	99.99	16089.954	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/22/2018 11:18:38 AM
Printed by: wet

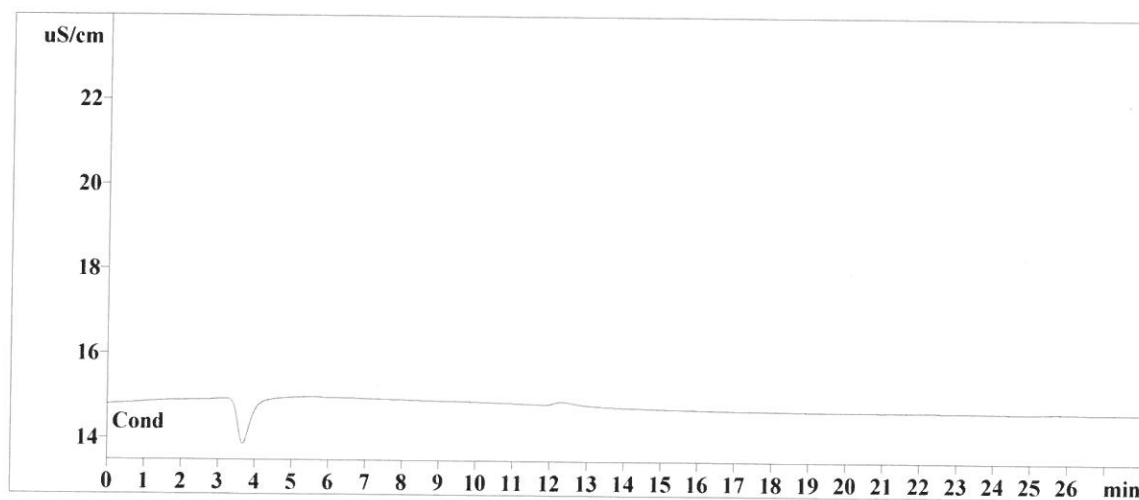
Ident: LB94047BLW
Analysis from: 3/21/2018 2:15:55 PM
File: _2018-03-21_

Last save: 3/21/2018 2:43:44 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61491

Last save: 3/21/2018 1:22:26 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: 3/22/2018 11:18:49 AM
Printed by: wet

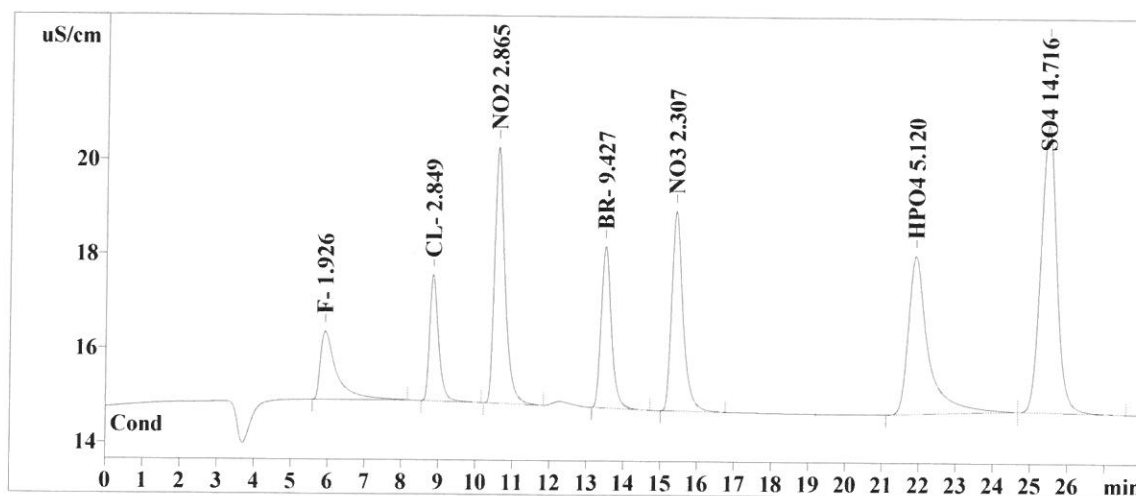
Ident: LB94047BSW
Analysis from: 3/21/2018 2:46:49 PM
File: _2018-03-21_

Last save: 3/21/2018 3:14:38 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61492

Last save: 3/21/2018 1:22:26 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	5.91	0.398	1.44	5.41	44.094	6.66	0.
2	8.83	0.249	2.67	10.04	45.101	6.81	0.
3	10.58	0.288	5.43	20.38	106.471	16.08	0.
4	13.49	0.291	3.42	12.85	66.549	10.05	0.
5	15.39	0.319	4.23	15.88	91.883	13.87	0.
6	21.89	0.488	3.35	12.58	127.100	19.19	0.
7	25.44	0.447	6.09	22.86	181.094	27.34	0.
7	28.00	0.354	26.64	100.00	662.292	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/22/2018 11:19:52 AM
Printed by: wet

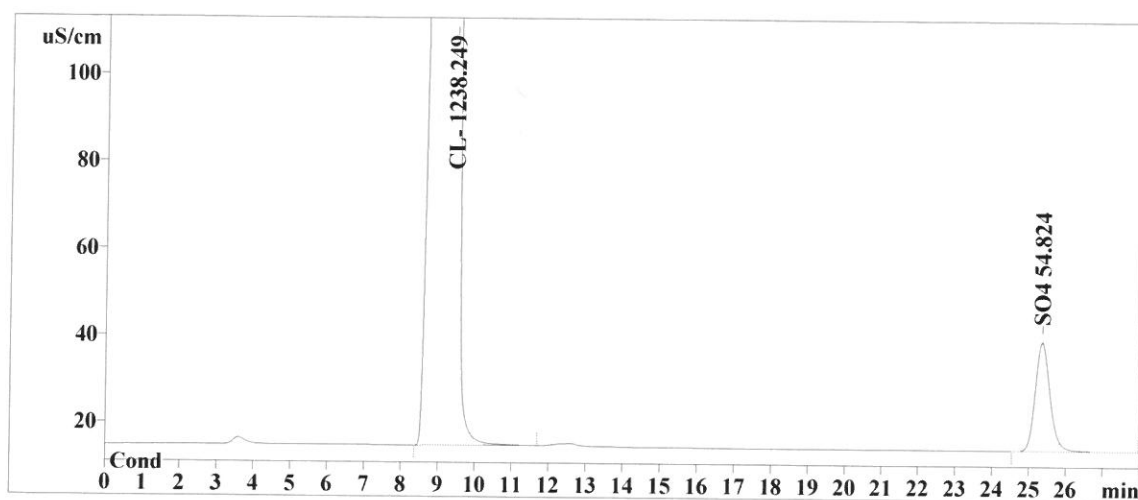
Ident: J2005-01
Analysis from: 3/21/2018 3:17:43 PM
File: _2018-03-21_

Last save: 3/22/2018 11:19:48 AM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61493

Last save: 3/21/2018 1:22:26 PM

SAMPLE:
: AK/AP
Vial number: 6
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.44	0.614	571.86	95.76	20367.059	96.69	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.34	0.418	24.98	4.18	697.873	3.31	0.
7	28.00	0.148	596.84	99.95	21064.932	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/22/2018 11:20:37 AM
Printed by: wet

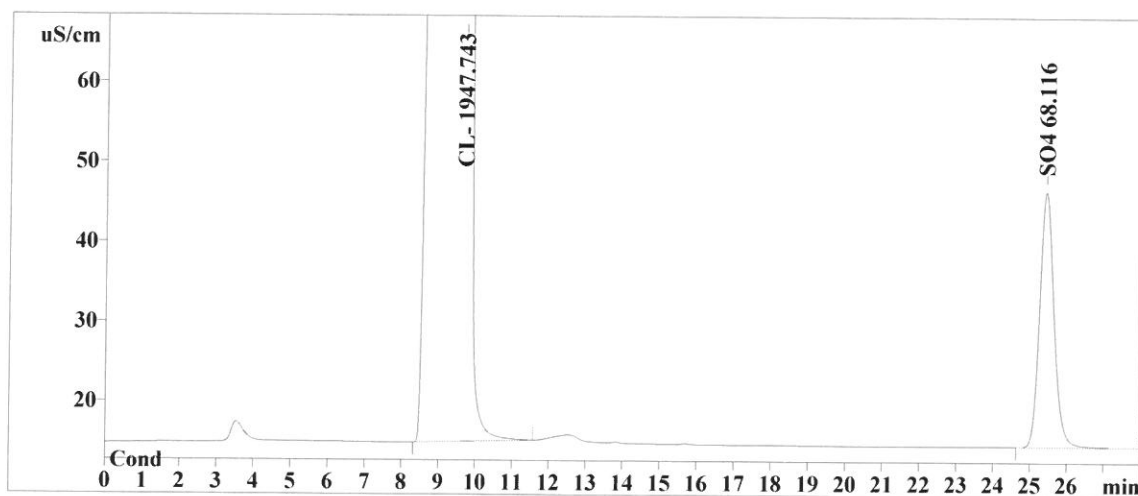
Ident: J2005-06
Analysis from: 3/21/2018 3:48:38 PM
File: _2018-03-21_

Last save: 3/22/2018 11:20:38 AM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61494

Last save: 3/21/2018 1:22:26 PM

SAMPLE:
: AK/AP
Vial number: 7
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.69	0.907	623.62	95.12	32038.026	97.36	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.41	0.410	31.90	4.87	869.137	2.64	0.
7	28.00	0.188	655.52	99.98	32907.163	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/22/2018 11:21:22 AM
 Printed by: wet

Ident: J2005-08DUP
 Analysis from: 3/21/2018 4:19:33 PM
 File: _2018-03-21_

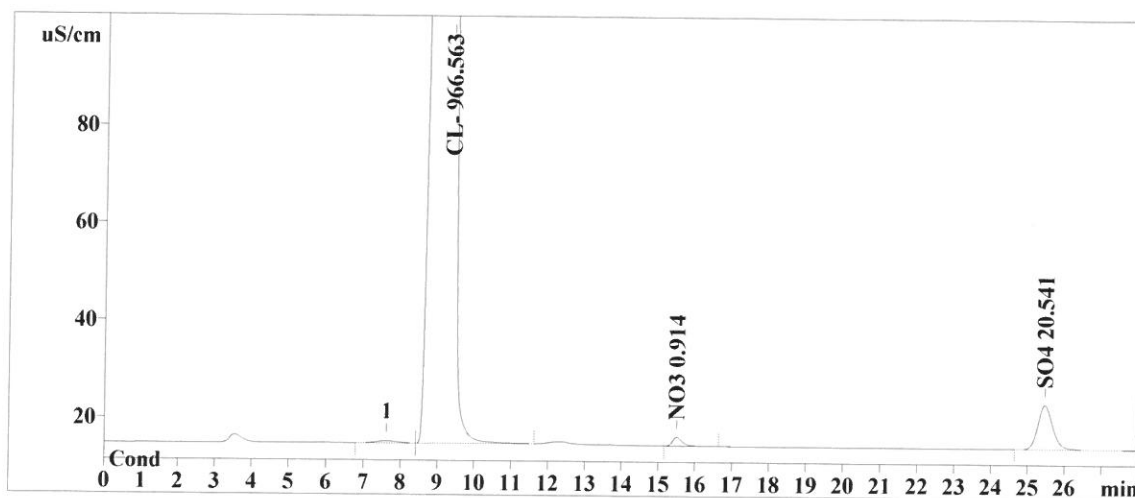
Last save: 3/22/2018 11:21:08 AM

Method: ANIONS 03-19-18.mtw
 Run operator: wet
 Analysis number: 61495

Last save: 3/21/2018 1:22:26 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	9.36	0.522	520.51	97.89	15897.909	98.11	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	15.49	0.273	1.78	0.34	33.043	0.20	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.47	0.421	9.08	1.71	256.144	1.58	0.
7	28.00	0.174	531.37	99.93	16187.096	99.89	0.

This report has been created by IC Net
 METROHM LTD

Report date: 3/22/2018 11:22:49 AM
Printed by: wet

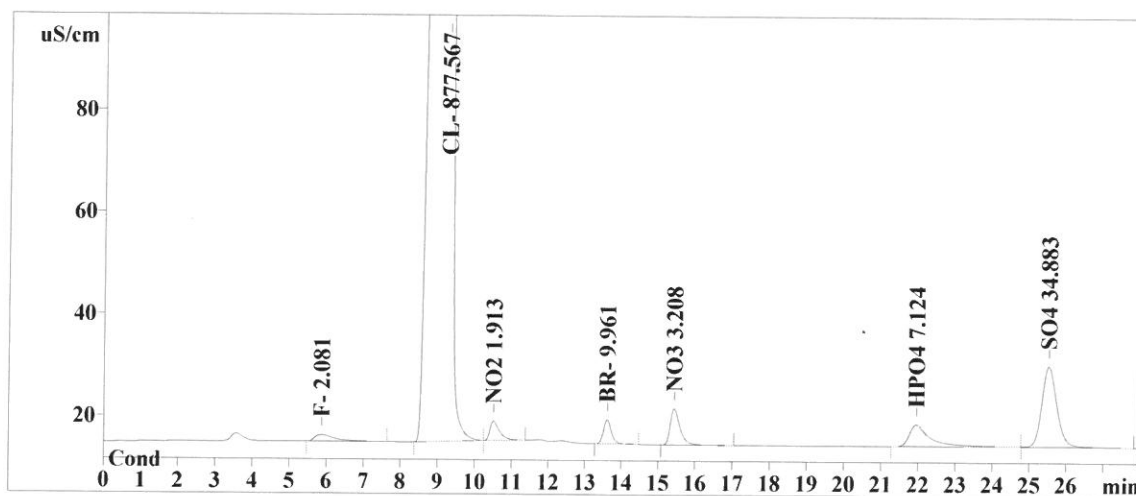
Ident: J2005-08MS
Analysis from: 3/21/2018 4:50:27 PM
File: _2018-03-21_

Last save: 3/22/2018 11:22:50 AM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61496

Last save: 3/21/2018 1:22:26 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	5.87	0.544	1.26	0.24	47.834	0.31	0.
2	9.27	0.496	496.57	93.09	14433.950	93.93	0.
3	10.52	0.263	3.80	0.71	69.397	0.45	0.
4	13.61	0.225	4.68	0.88	70.529	0.46	0.
5	15.43	0.269	7.06	1.32	129.936	0.85	0.
6	21.95	0.503	4.28	0.80	174.715	1.14	0.
7	25.52	0.421	15.71	2.95	440.942	2.87	0.
7	28.00	0.389	533.36	99.98	15367.303	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/22/2018 11:23:32 AM
Printed by: wet

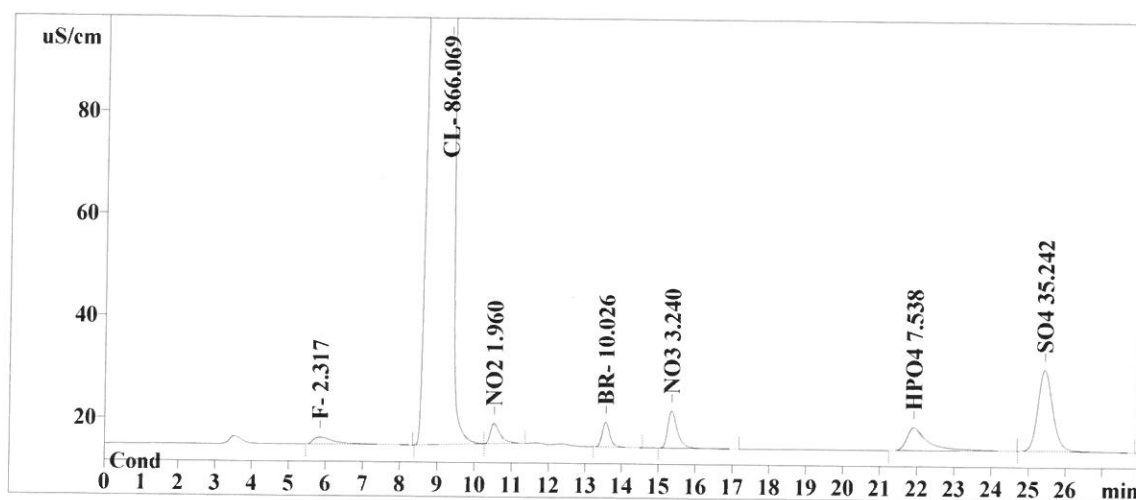
Ident: J2005-08MSD
Analysis from: 3/21/2018 5:21:22 PM
File: _2018-03-21_

Last save: 3/22/2018 11:23:28 AM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61497

Last save: 3/21/2018 1:22:26 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	5.85	0.553	1.32	0.25	53.542	0.35	0.
2	9.28	0.490	495.60	92.85	14244.824	93.70	0.
3	10.52	0.262	3.93	0.74	71.231	0.47	0.
4	13.56	0.220	4.81	0.90	71.009	0.47	0.
5	15.34	0.264	7.22	1.35	131.269	0.86	0.
6	21.91	0.504	4.52	0.85	184.535	1.21	0.
7	25.43	0.421	15.90	2.98	445.566	2.93	0.
7	28.00	0.388	533.30	99.92	15201.976	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/22/2018 11:23:45 AM
Printed by: wet

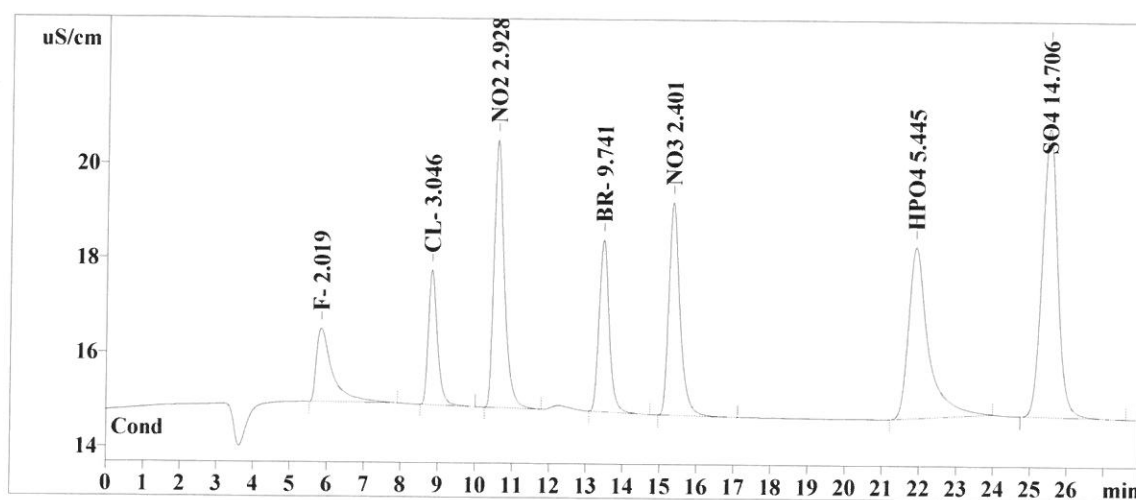
Ident: CCV
Analysis from: 3/21/2018 6:54:05 PM
File: _2018-03-21_

Last save: 3/22/2018 8:19:48 AM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61500

Last save: 3/21/2018 1:22:26 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.83	0.389	1.55	5.55	46.333	6.77	0.
2	8.81	0.251	2.85	10.21	48.343	7.07	0.
3	10.57	0.284	5.66	20.27	108.933	15.92	0.
4	13.45	0.284	3.64	13.02	68.885	10.07	0.
5	15.33	0.314	4.50	16.10	95.838	14.01	0.
6	21.89	0.496	3.62	12.95	134.802	19.71	0.
7	25.48	0.446	6.11	21.87	180.962	26.45	0.
7	28.00	0.352	27.91	99.98	684.097	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/22/2018 11:23:55 AM
Printed by: wet

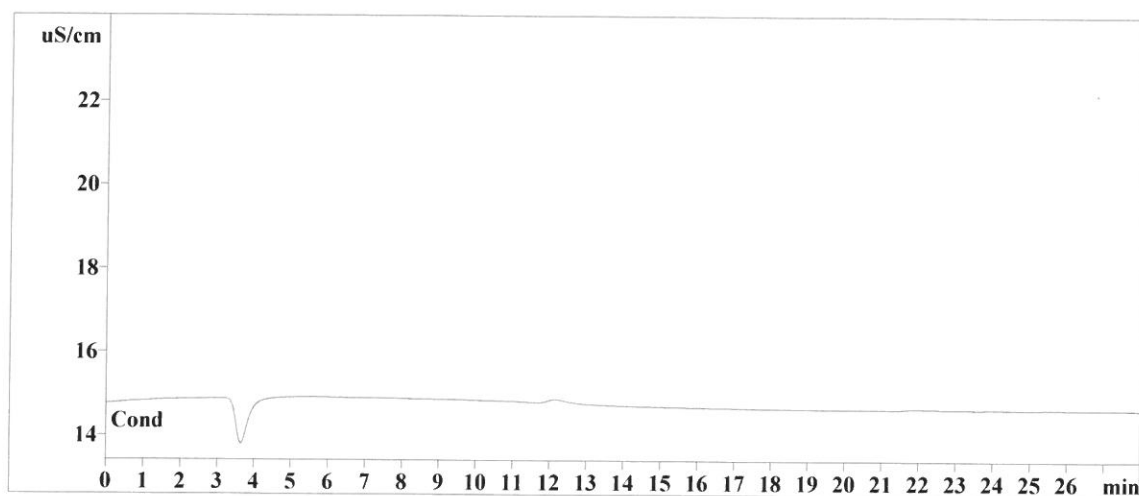
Ident: CCB
Analysis from: 3/21/2018 7:25:00 PM
File: _2018-03-21_

Last save: 3/21/2018 7:52:48 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61501

Last save: 3/21/2018 1:22:26 PM

SAMPLE:
:
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: 3/22/2018 11:24:13 AM
Printed by: wet

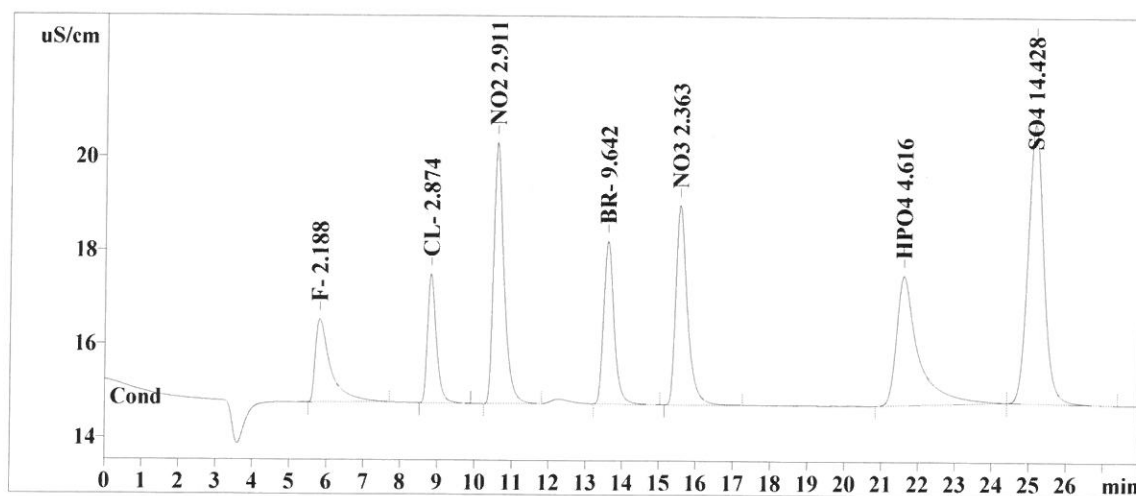
Ident: CCV
Analysis from: 3/22/2018 8:48:58 AM
File: _2018-03-22_

Last save: 3/22/2018 9:16:46 AM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61506

Last save: 3/21/2018 1:22:26 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.81	0.372	1.77	6.67	50.438	7.65	0.
2	8.81	0.246	2.75	10.36	45.514	6.91	0.
3	10.58	0.286	5.57	20.99	108.247	16.42	0.
4	13.59	0.293	3.47	13.07	68.151	10.34	0.
5	15.54	0.324	4.25	16.04	94.254	14.30	0.
6	21.59	0.521	2.76	10.40	115.109	17.46	0.
7	25.14	0.448	5.96	22.46	177.389	26.91	0.
7	28.00	0.356	26.52	99.99	659.101	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/22/2018 11:24:23 AM
Printed by: wet

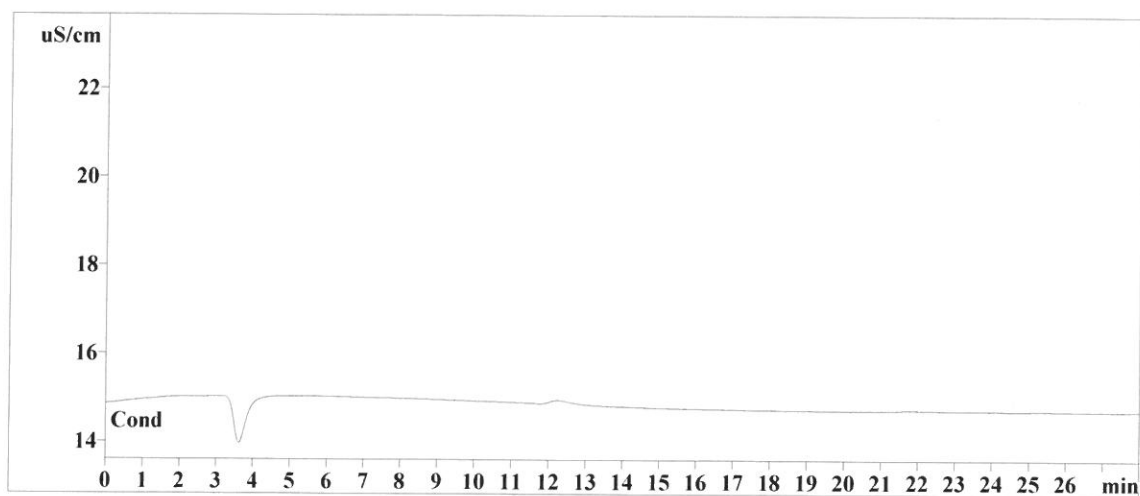
Ident: CCB
Analysis from: 3/22/2018 9:19:53 AM
File: _2018-03-22_

Last save: 3/22/2018 9:47:42 AM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61507

Last save: 3/21/2018 1:22:26 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: 3/22/2018 11:24:32 AM
Printed by: wet

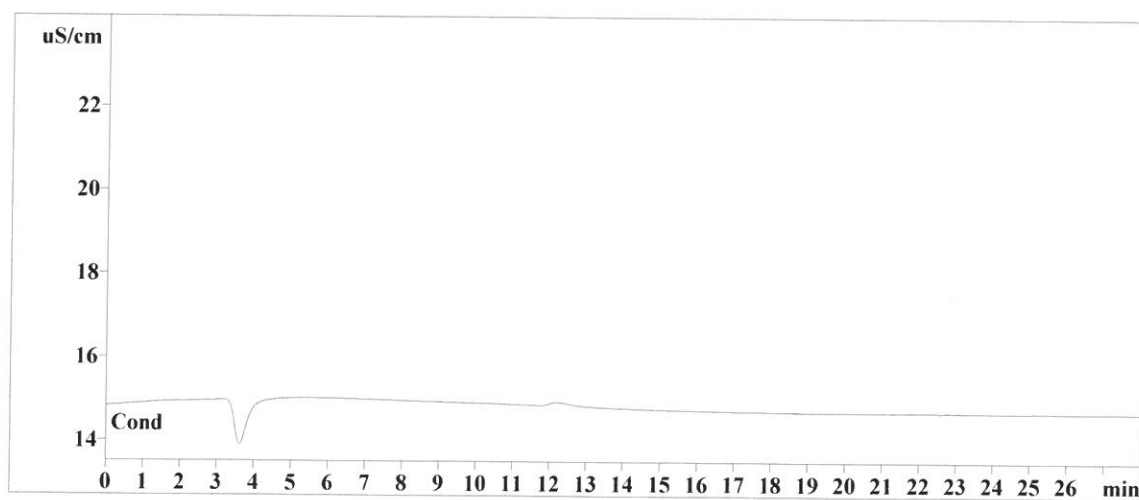
Ident: LB94047BLW2
Analysis from: 3/22/2018 9:50:47 AM
File: _2018-03-22_

Last save: 3/22/2018 10:18:36 AM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61508

Last save: 3/21/2018 1:22:26 PM

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



Quantitation method: Custom

No peaks

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Report date: 3/22/2018 11:24:58 AM
Printed by: wet

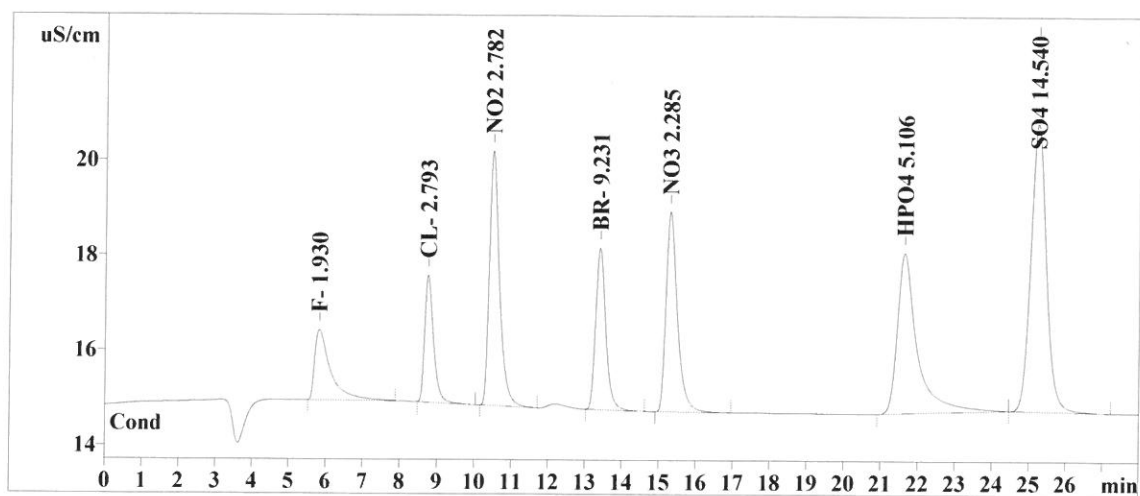
Ident: LB94047BSW2
Analysis from: 3/22/2018 10:21:42 AM
File: _2018-03-22_

Last save: 3/22/2018 10:49:30 AM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61509

Last save: 3/21/2018 1:22:26 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	5.82	0.400	1.47	5.55	44.199	6.77	0.
2	8.75	0.245	2.67	10.05	44.187	6.76	0.
3	10.48	0.284	5.36	20.20	103.233	15.80	0.
4	13.39	0.287	3.40	12.81	65.089	9.96	0.
5	15.29	0.318	4.20	15.84	90.931	13.92	0.
6	21.63	0.482	3.37	12.70	126.754	19.40	0.
7	25.22	0.443	6.06	22.84	178.827	27.38	0.
7	28.00	0.351	26.52	99.99	653.221	100.00	0.

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Report date: 3/22/2018 11:26:04 AM
Printed by: wet

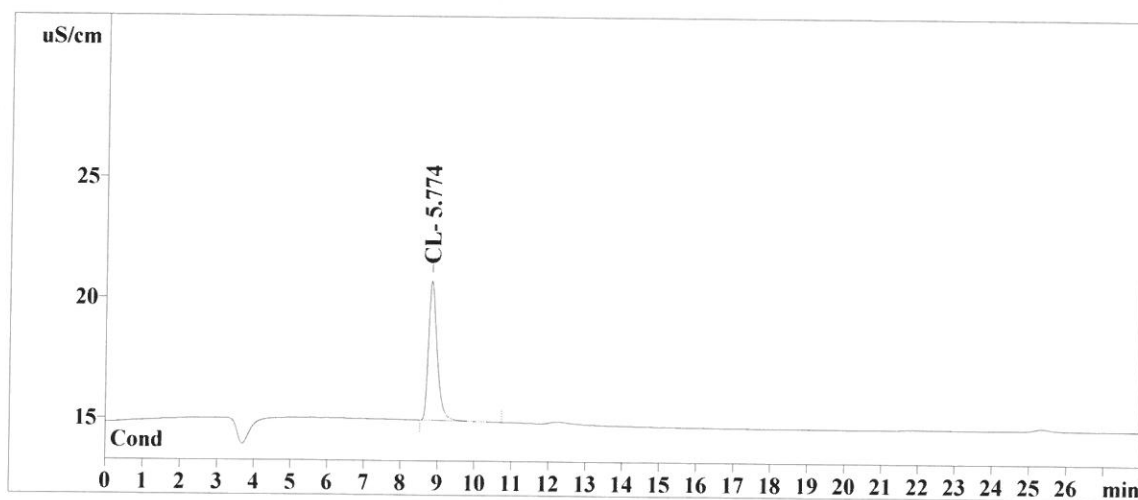
Ident: J2005-07DLX200
Analysis from: 3/22/2018 10:52:36 AM
File: _2018-03-22_

Last save: 3/22/2018 11:20:24 AM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61510

Last save: 3/21/2018 1:22:26 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	8.82	0.238	5.77	99.99	93.214	100.00	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	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	28.00	0.034	5.77	99.99	93.214	100.00	0.

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Report date: 3/22/2018 2:18:23 PM
Printed by: wet

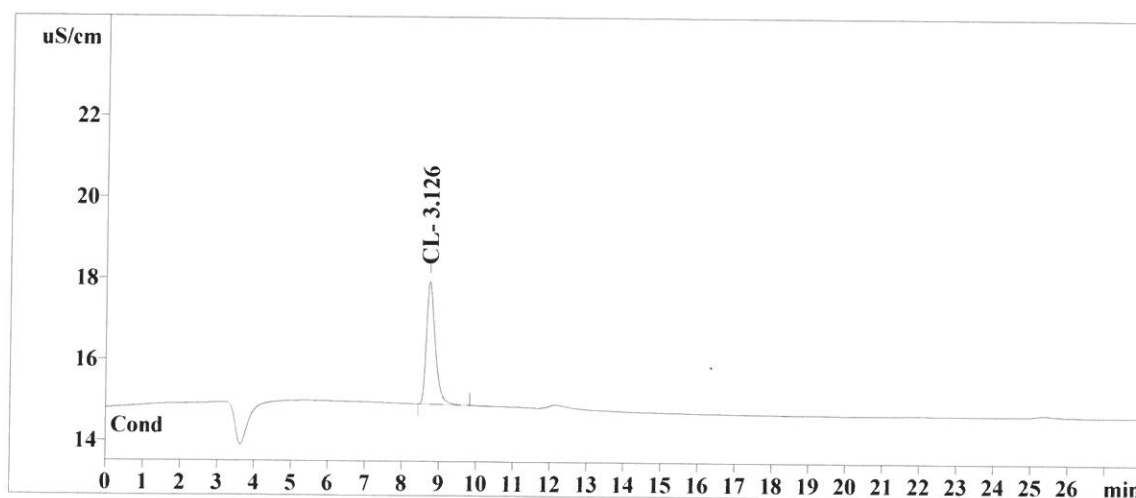
Ident: J2005-08DLX200
Analysis from: 3/22/2018 11:23:31 AM
File: _2018-03-22_

Last save: 3/22/2018 11:51:20 AM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61511

Last save: 3/21/2018 1:22:26 PM

SAMPLE:
: AK/AP
Vial number: 14
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.73	0.244	3.02	99.99	49.660	100.00	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	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	28.00	0.035	3.02	99.99	49.660	100.00	0.

This report has been created by IC Net
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Report date: 3/22/2018 2:19:38 PM
Printed by: wet

Ident: J2005-01DLX200
Analysis from: 3/22/2018 11:54:25 AM
File: _2018-03-22_

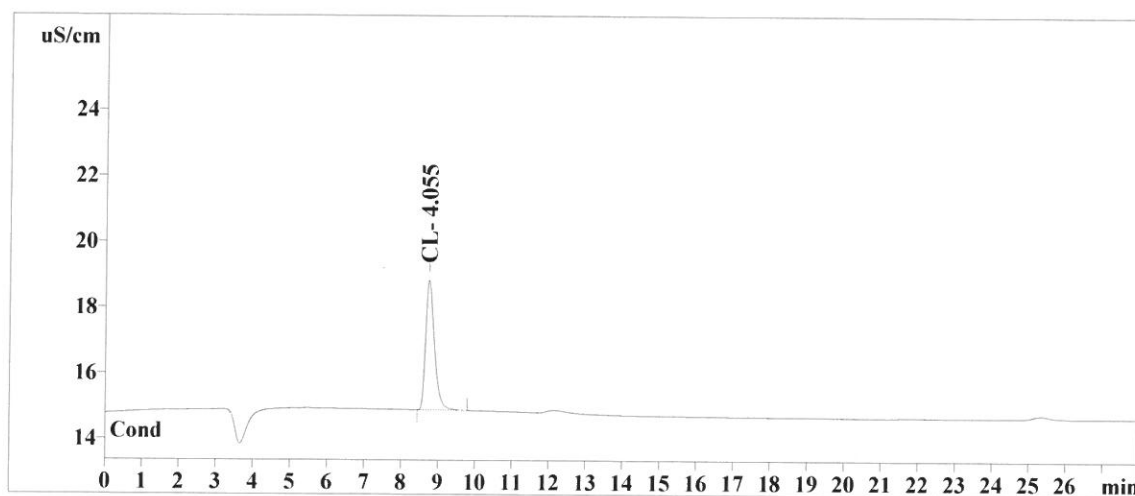
Last save: 3/22/2018 12:22:14 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61512

Last save: 3/21/2018 1:22:26 PM

SAMPLE:

: AK/AP
Vial number: 15
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	8.74	0.244	3.94	99.99	64.942	100.00	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	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	28.00	0.035	3.94	99.99	64.942	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/22/2018 2:20:10 PM
Printed by: wet

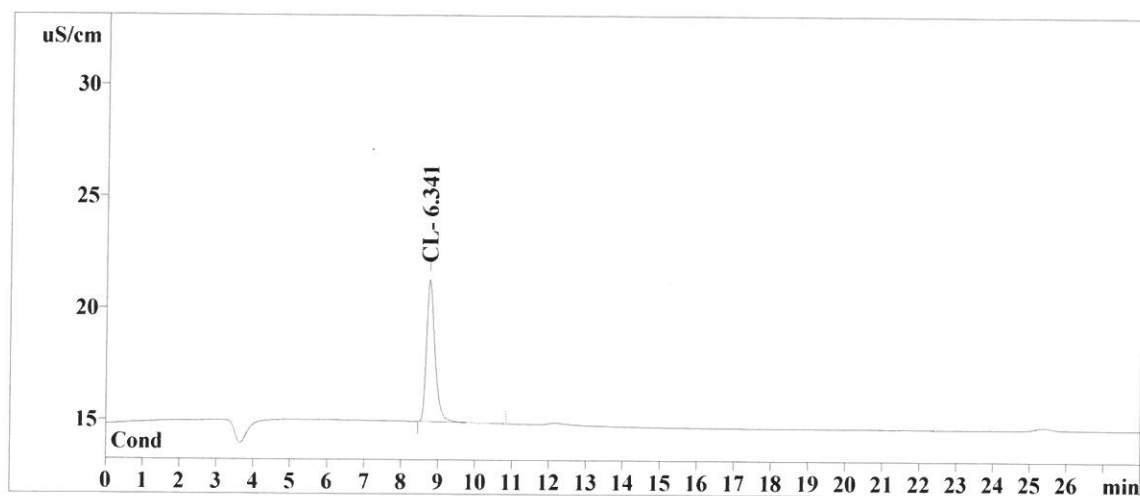
Ident: J2005-06DLX200
Analysis from: 3/22/2018 12:25:20 PM
File: _2018-03-22_

Last save: 3/22/2018 12:53:08 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61513

Last save: 3/21/2018 1:22:26 PM

SAMPLE:
: AK/AP
Vial number: 16
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.75	0.238	6.34	100.00	102.553	100.00	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	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	28.00	0.034	6.34	100.00	102.553	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/22/2018 2:20:23 PM
Printed by: wet

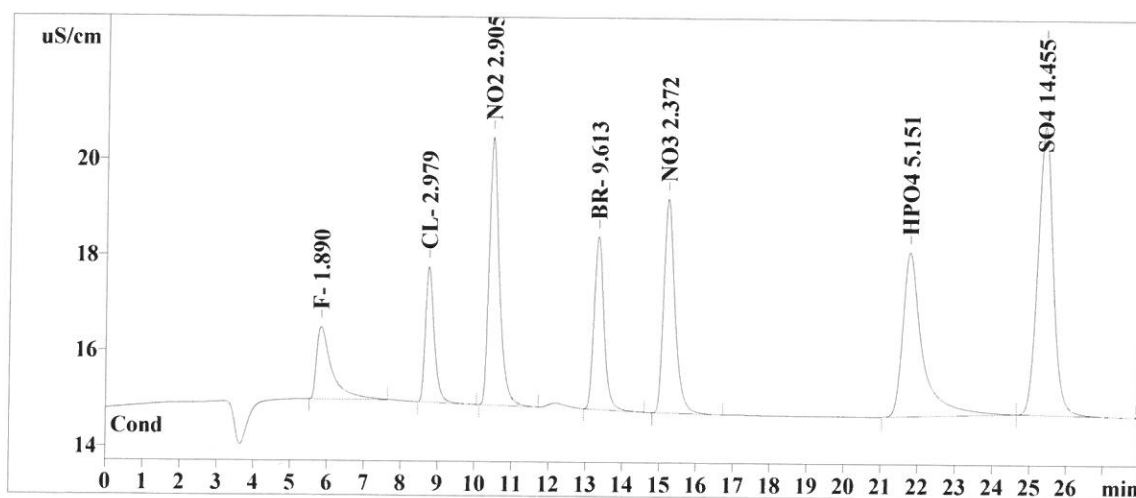
Ident: CCV
Analysis from: 3/22/2018 12:56:14 PM
File: _2018-03-22_

Last save: 3/22/2018 1:24:02 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61514

Last save: 3/21/2018 1:22:26 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	5.82	0.380	1.51	5.48	43.233	6.49	0.
2	8.73	0.248	2.83	10.32	47.247	7.09	0.
3	10.45	0.284	5.59	20.37	108.016	16.20	0.
4	13.32	0.282	3.61	13.14	67.934	10.19	0.
5	15.20	0.312	4.47	16.28	94.599	14.19	0.
6	21.77	0.478	3.42	12.47	127.840	19.18	0.
7	25.38	0.444	6.02	21.92	177.735	26.66	0.
7	28.00	0.347	27.45	99.99	666.605	100.00	0.

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METROHM LTD

Report date: 3/22/2018 2:20:34 PM
Printed by: wet

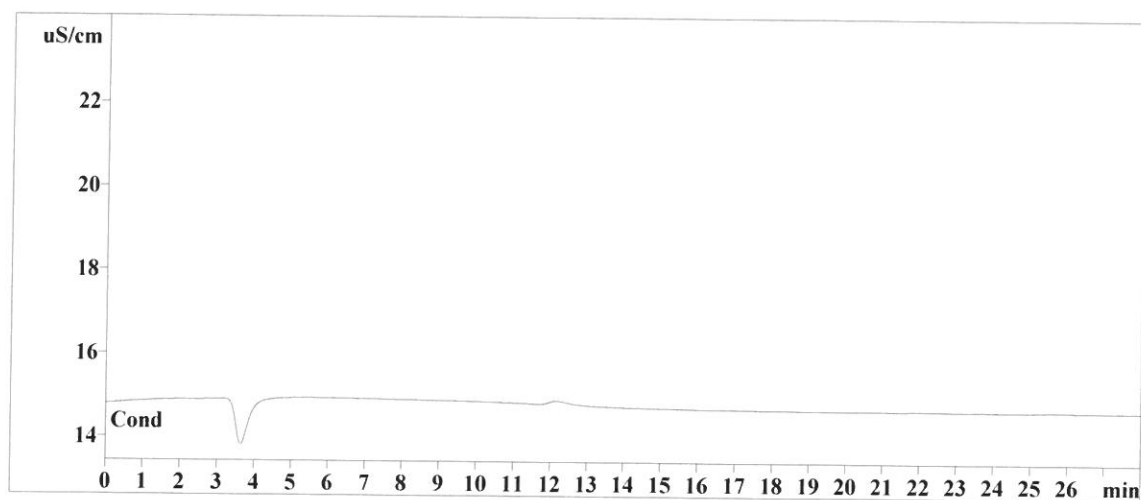
Ident: CCB
Analysis from: 3/22/2018 1:27:08 PM
File: _2018-03-22_

Last save: 3/22/2018 1:54:58 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61515

Last save: 3/21/2018 1:22:26 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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