

IC-1 300.0
9-7-18 AK

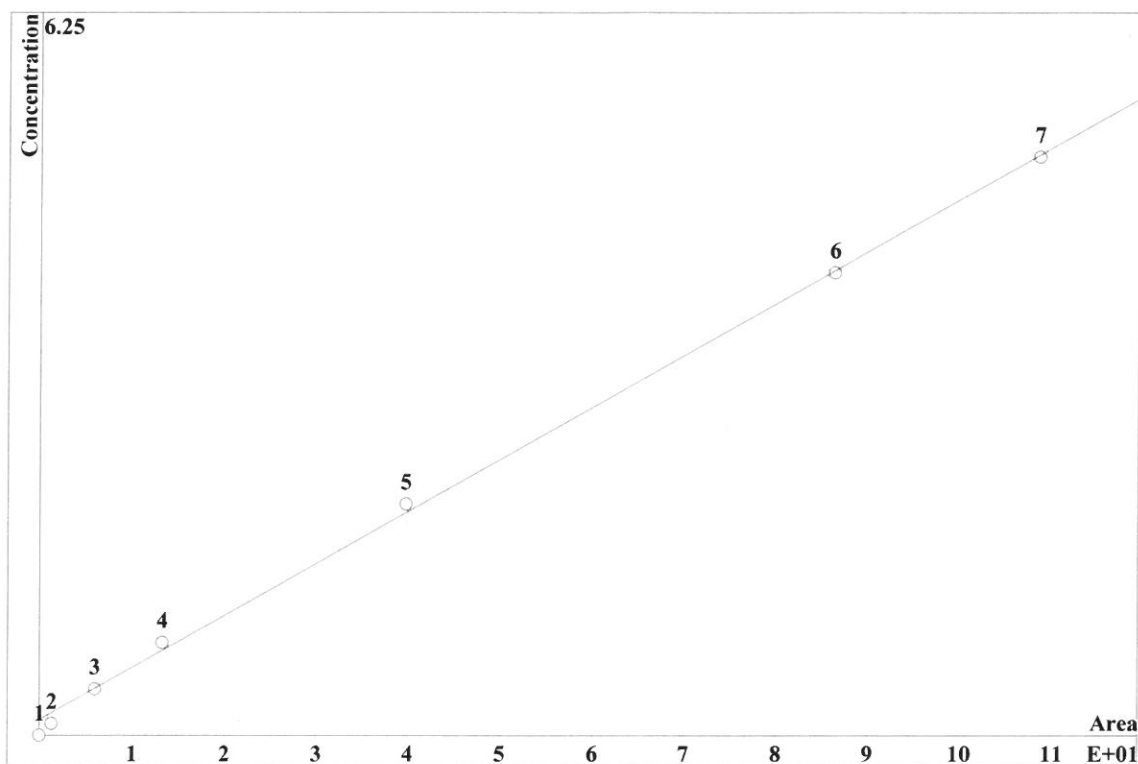
Clear table

ident	concentrati on F-	concentrati on CL-	concentrati on NO2	concentrati on BR-	concentrati on NO3	concentrati on HPO4	concentrati on SO4	file name	date time	Initial wt/ Final	Analyst
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-09-04	9/4/18 10:59		AK/AP
STD2	0.1960	0.2230	0.2340	0.7850	0.2110	0.0490	1.3230	2018-09-04	9/4/18 11:29		AK/AP
STD3	0.4070	0.6170	0.6320	2.1040	0.5280	0.9990	3.2000	2018-09-04	9/4/18 11:59		AK/AP
STD4	0.7330	1.2040	1.1860	3.9630	0.9920	2.0690	5.9070	2018-09-04	9/4/18 12:29		AK/AP
STD5	1.9250	2.9260	2.9000	9.6790	2.4000	5.3010	14.3500	2018-09-04	9/4/18 12:58		AK/AP
STD6	4.0190	5.8190	5.8430	19.4130	4.8370	9.8580	28.9880	2018-09-04	9/4/18 13:28		AK/AP
STD7	5.0180	7.6620	7.6550	25.5560	6.4060	12.4740	38.4830	2018-09-04	9/4/18 13:58		AK/AP
ICV	1.9790	3.0470	3.0480	10.1300	2.5080	5.2630	14.9370	2018-09-04	9/4/18 15:28		AK/AP
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-09-04	9/4/18 15:58		AK/AP
CCV	1.9180	2.9620	2.8790	9.6200	2.3820	4.7060	14.1210	2018-09-06	9/6/18 9:32		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-09-06	9/6/18 10:10		AK/AP
LB97775BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-09-06	9/6/18 10:40		AK/AP
LB97775BSW	1.8780	2.8650	2.8650	9.5670	2.3620	5.0740	14.2040	2018-09-06	9/6/18 11:10		AK/AP
J4808-01	0.0000	0.0000	0.0000	0.0000	0.2500	0.0000	0.0000	2018-09-06	9/6/18 11:55		AK/AP
J4808-02	0.0000	0.0000	0.0000	0.0000	0.3030	0.0000	0.0000	2018-09-06	9/6/18 12:25		AK/AP
J4808-03	0.0000	0.0000	0.0000	0.0000	0.2600	0.0000	0.0000	2018-09-06	9/6/18 12:57		AK/AP
J4810-01	0.0000	0.1560	0.0000	0.0000	0.1500	0.0000	0.0000	2018-09-06	9/6/18 13:27		AK/AP
J4810-02	0.6570	4.5480	0.0000	0.0000	0.1400	0.0000	1.6630	2018-09-06	9/6/18 13:57		AK/AP
J4808-03DUP	0.0000	0.0000	0.0000	0.0000	0.2630	0.0000	0.0000	2018-09-06	9/6/18 14:27		AK/AP
J4808-03MS	1.9520	2.9400	2.8530	9.5160	2.5410	4.7700	14.7870	2018-09-06	9/6/18 14:57		AK/AP
J4808-03MSD	1.9300	3.0660	3.0100	10.0050	2.6470	4.8710	15.5130	2018-09-06	9/6/18 15:27		AK/AP
CCV	1.8690	2.9570	2.9240	9.6830	2.3970	4.8320	14.2900	2018-09-06	9/6/18 15:57		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-09-06	9/6/18 16:27		AK/AP

CALIBRATION OF COMPONENT F-

IC-1 cal
9-4-18
AK

Method: ANIONS 09-04-18.mtw
Equation: $Q = 0.899783 \cdot A + 2.72293$
RSD: 3.453 %
Correlation coefficient: 0.999513



K3 = 0 K2 = 0 K1 = 0.899783 K0 = 2.72293

Base: Area

Ref.channel: Cond

ISTD:

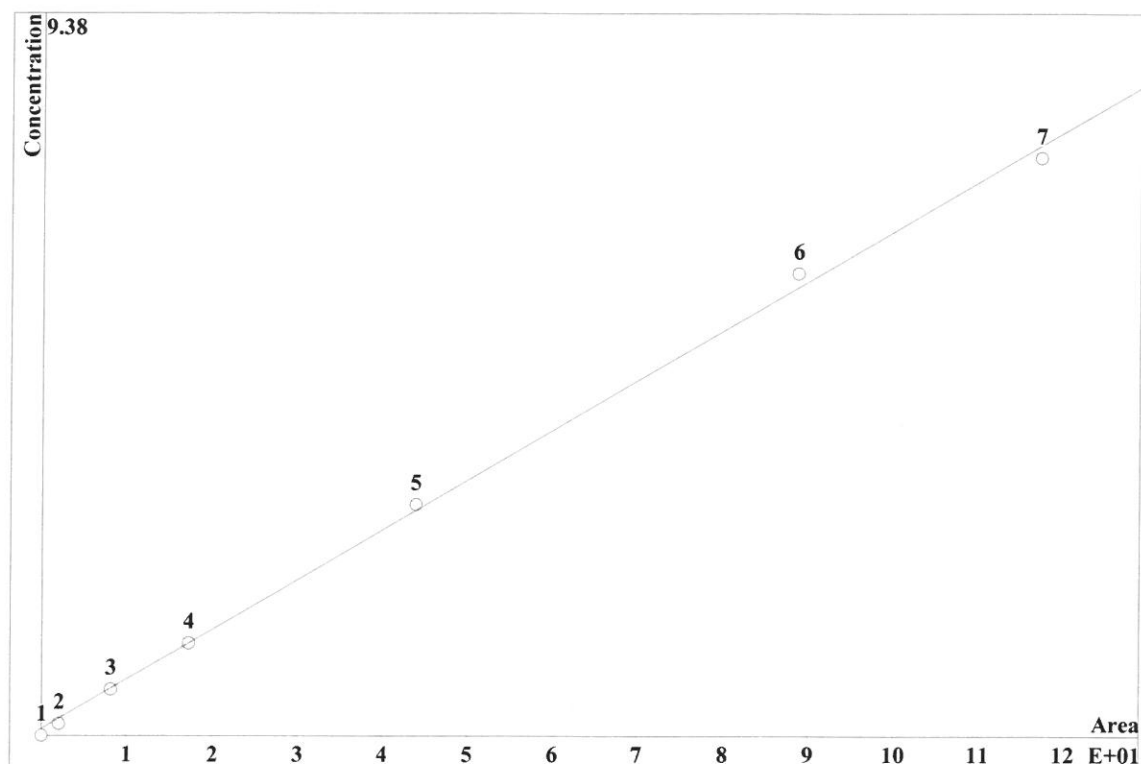
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.05228	1.336	0.1	20	5.913		Yes
3	0.2345	6.021	0.4	20	5.913		Yes
4	0.5148	13.28	0.8	20	5.913		Yes
5	1.533	39.77	2	20	5.913		Yes
6	3.234	86.32	4	20	5.913		Yes
7	4.229	108.5	5	20	5.913		Yes

CALIBRATION OF COMPONENT CL-

Method: ANIONS 09-04-18.mtw
 Equation: $Q = 1.29184 \cdot A + 1.78813$
 RSD: 4.309 %
 Correlation coefficient: 0.999242



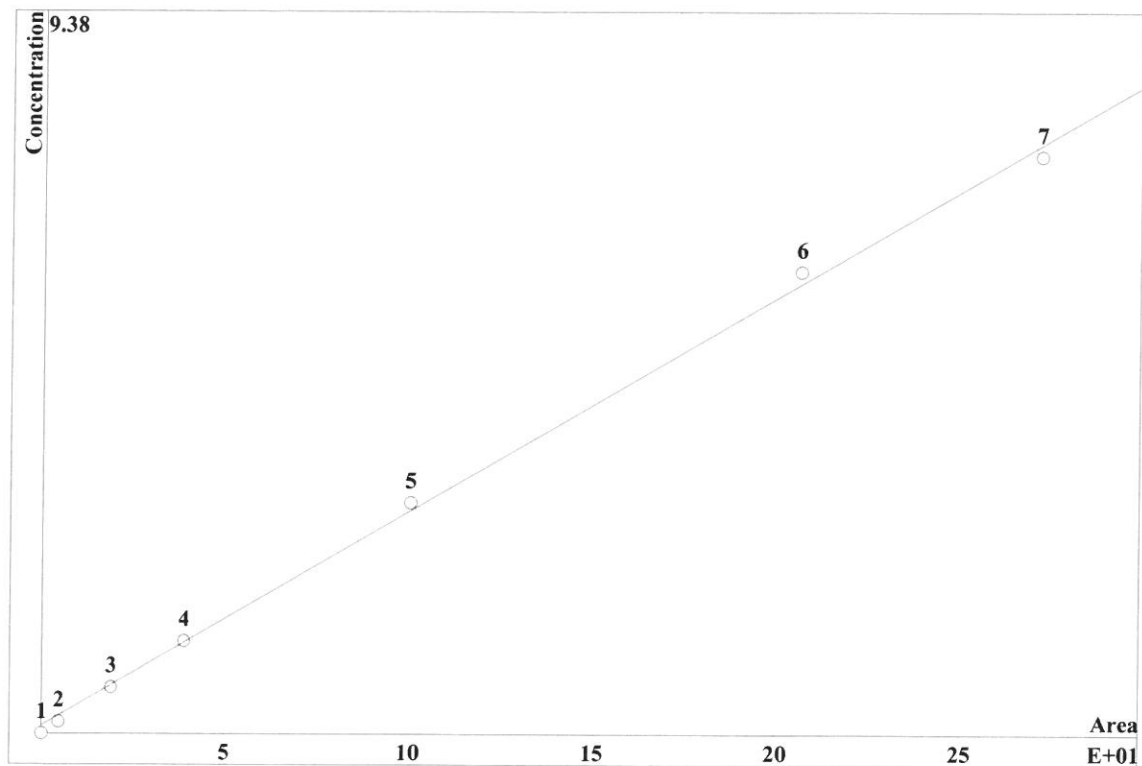
K3 = 0 K2 = 0 K1 = 1.29184 K0 = 1.78813

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	0.123	2.067	0.15	20	8.858	Yes	
3	0.4946	8.169	0.6	20	8.858	Yes	
4	1.035	17.25	1.2	20	8.858	Yes	
5	2.69	43.91	3	20	8.858	Yes	
6	5.468	88.7	6	20	8.858	Yes	
7	7.305	117.2	7.5	20	8.858	Yes	

CALIBRATION OF COMPONENT NO2

Method: ANIONS 09-04-18.mtw
 Equation: $Q = 0.555871 \cdot A + 2.11184$
 RSD: 4.201 %
 Correlation coefficient: 0.999280

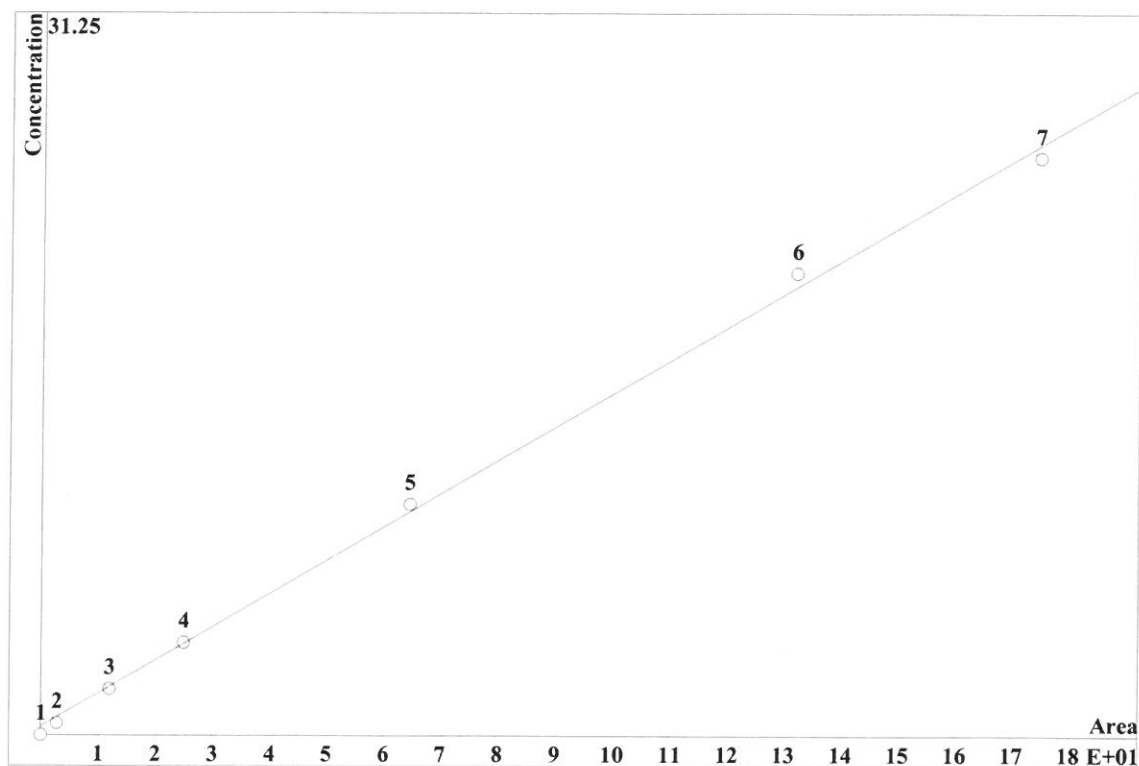


K3 = 0 K2 = 0 K1 = 0.555871 K0 = 2.11184
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.2443	4.621	0.15	20	10.65			Yes
3	0.9895	18.94	0.6	20	10.65			Yes
4	2.066	38.88	1.2	20	10.65			Yes
5	5.357	100.5	3	20	10.65			Yes
6	10.68	206.4	6	20	10.65			Yes
7	13.97	271.6	7.5	20	10.65			Yes

CALIBRATION OF COMPONENT BR-

Method: ANIONS 09-04-18.mtw
 Equation: $Q = 2.88313 \cdot A + 7.56613$
 RSD: 4.500 %
 Correlation coefficient: 0.999173



K3 = 0 K2 = 0 K1 = 2.88313 K0 = 7.56613

Base: Area

Ref.channel: Cond

ISTD:

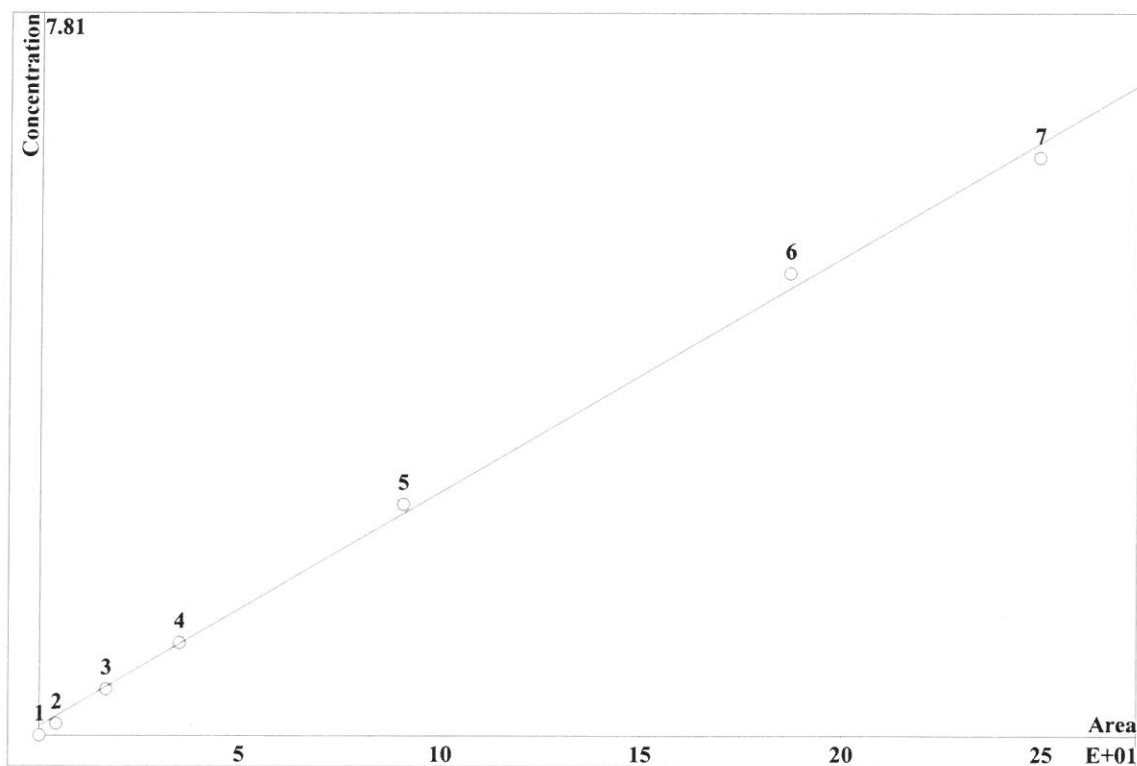
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.1371	2.823	0.5	20	13.72		Yes
3	0.5728	11.97	2	20	13.72		Yes
4	1.212	24.87	4	20	13.72		Yes
5	3.172	64.52	10	20	13.72		Yes
6	6.332	132	20	20	13.72		Yes
7	8.221	174.7	25	20	13.72		Yes

CALIBRATION OF COMPONENT NO3

Method: ANIONS 09-04-18.mtw
 Equation: $Q = 0.506435 \cdot A + 2.06904$
 RSD: 5.131 %
 Correlation coefficient: 0.998925



K3 = 0 K2 = 0 K1 = 0.506435 K0 = 2.06904

Base: Area

Ref.channel: Cond

ISTD:

Formula: Linear

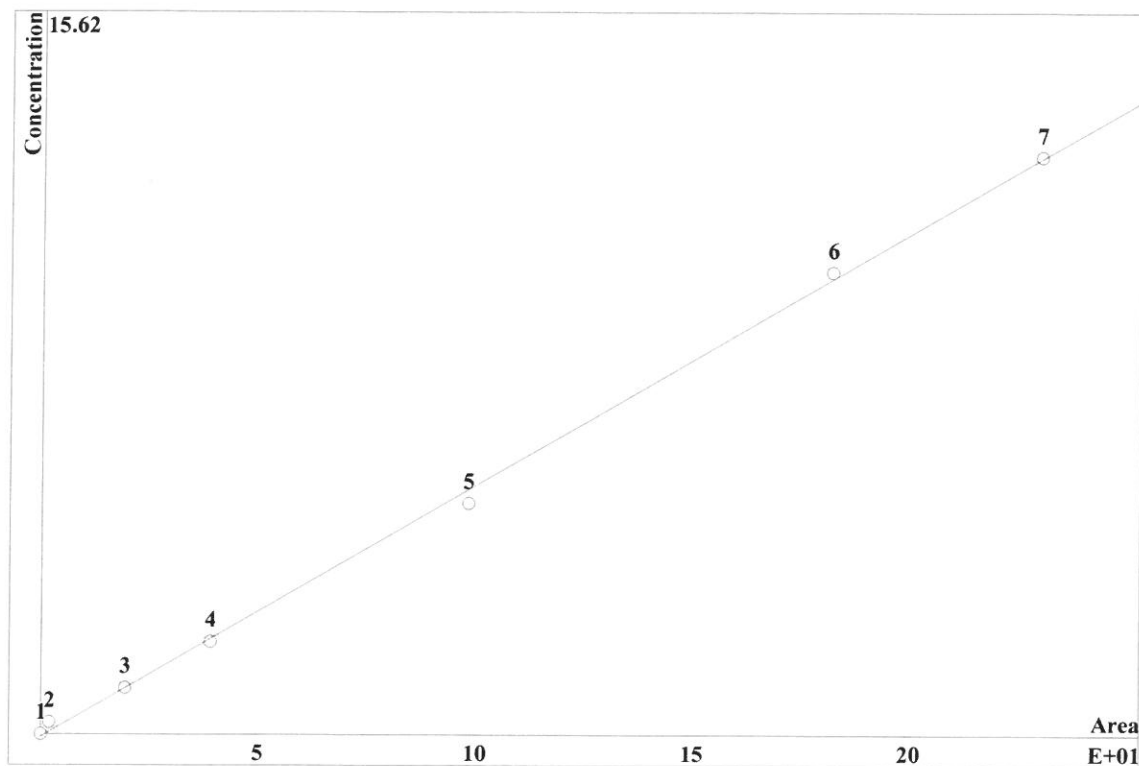
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.1761	4.248	0.125	20	15.65		Yes
3	0.717	16.79	0.5	20	15.65		Yes
4	1.516	35.08	1	20	15.65		Yes
5	4.035	90.69	2.5	20	15.65		Yes
6	8.384	187	5	20	15.65		Yes
7	11.27	248.9	6.25	20	15.65		Yes

±□;□

CALIBRATION OF COMPONENT HPO4

Method: ANIONS 09-04-18.mtw
 Equation: $Q = 1.0895 \cdot A - 1.12689$
 RSD: 3.862 %
 Correlation coefficient: 0.999391



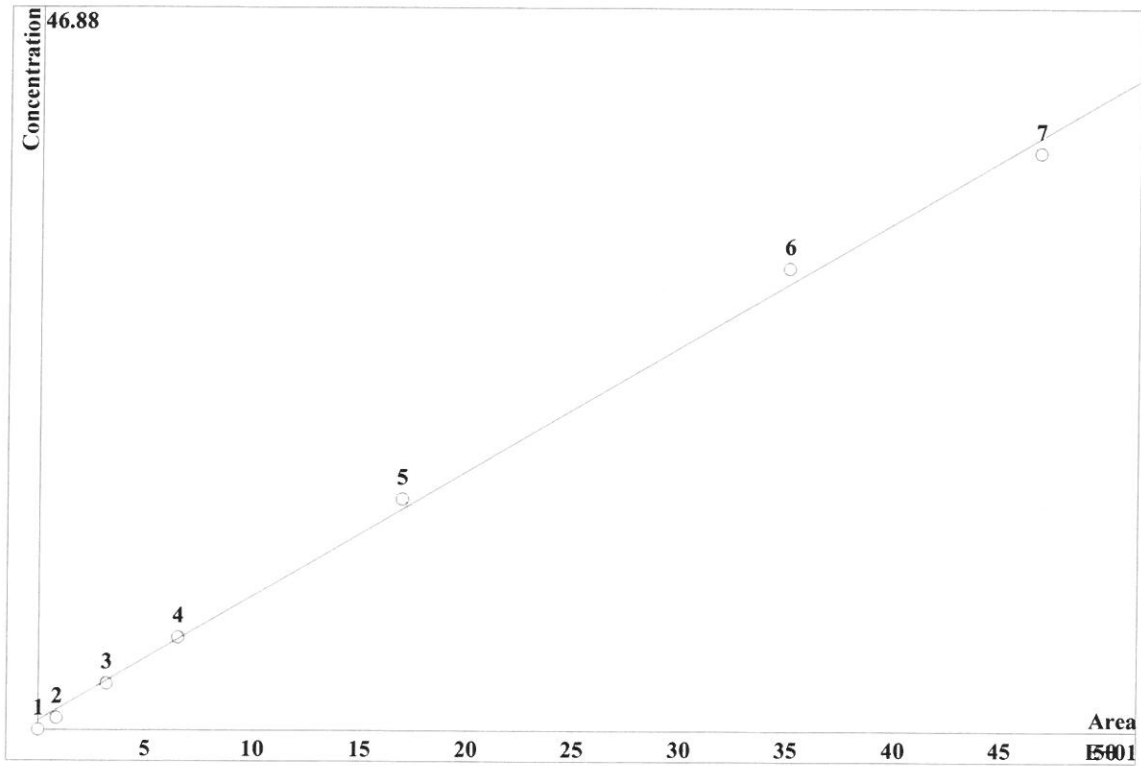
K3 = 0 K2 = 0 K1 = 1.0895 K0 = -1.12689

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	0.05941	1.931	0.25	20	21.48		Yes
3	0.5152	19.38	1	20	21.48		Yes
4	1.069	39.02	2	20	21.48		Yes
5	2.889	98.34	5	20	21.48		Yes
6	5.468	182	10	20	21.48		Yes
7	7.057	230	12.5	20	21.48		Yes

CALIBRATION OF COMPONENT SO4

Method: ANIONS 09-04-18.mtw
 Equation: $Q = 1.61971 \cdot A + 12.4616$
 RSD: 5.431 %
 Correlation coefficient: 0.998795



K3 = 0 K2 = 0 K1 = 1.61971 K0 = 12.4616
 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	0.2749	8.639	0.75	20	25.17			Yes
3	1.043	31.82	3	20	25.17			Yes
4	2.181	65.24	6	20	25.17			Yes
5	5.784	169.5	15	20	25.17			Yes
6	12.02	350.2	30	20	25.17			Yes
7	16.25	467.5	37.5	20	25.17			Yes

IC-1 Cal
09-04-2018

Report date: 9/6/2018 10:31:55 AM
Printed by: wet

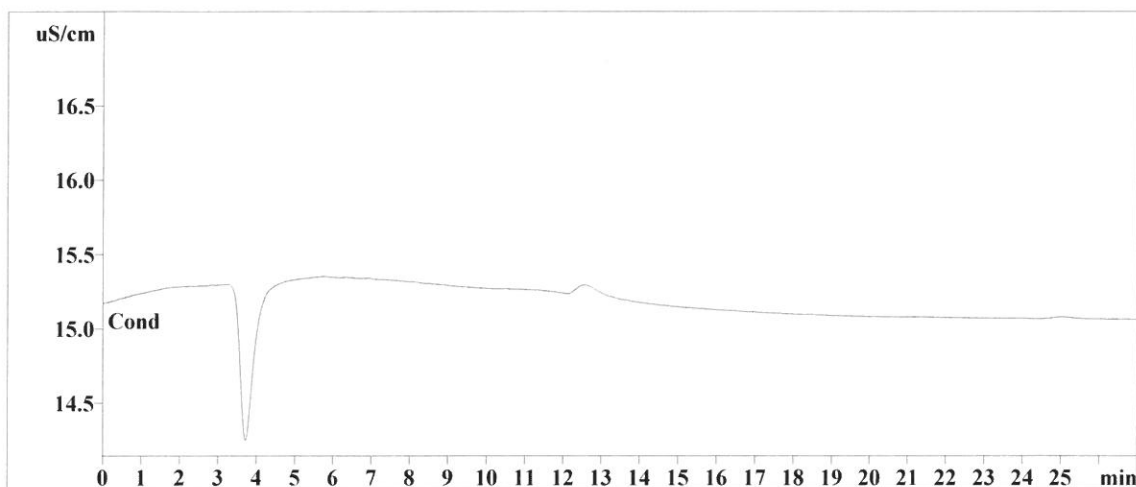
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Analysis from: 9/4/2018 10:59:17 AM
File: _2018-09-04_

Last save: 9/4/2018 2:59:20 PM

Method: ANIONS 09-04-18.mtw
Run operator: wet
Analysis number: 63678

Last save: 9/4/2018 8:54:34 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: 9/6/2018 10:32:08 AM
Printed by: wet

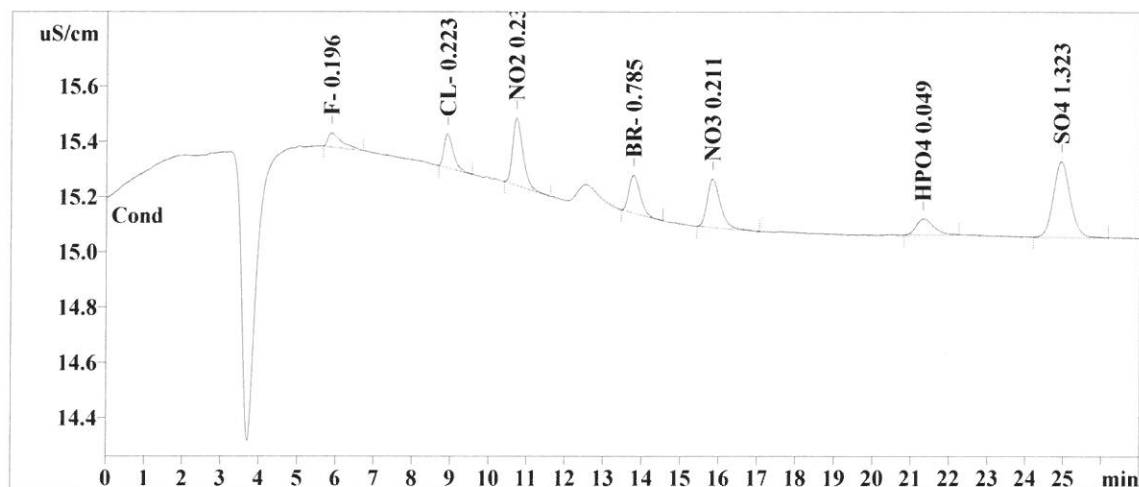
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Analysis from: 9/4/2018 11:29:12 AM
File: _2018-09-04_

Last save: 9/4/2018 2:59:22 PM

Method: ANIONS 09-04-18.mtw
Run operator: wet
Analysis number: 63679

Last save: 9/4/2018 8:54:34 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	5.88	0.366	0.05	4.79	1.336	5.21	0.
2	8.90	0.254	0.12	11.50	2.067	8.05	0.
3	10.72	0.284	0.24	22.81	4.621	18.01	0.
4	13.78	0.319	0.14	12.80	2.823	11.00	0.
5	15.82	0.360	0.18	16.42	4.248	16.55	0.
6	21.32	0.487	0.06	5.52	1.931	7.52	0.
7	24.92	0.476	0.27	25.73	8.639	33.66	0.
7	27.00	0.364	1.06	99.58	25.666	100.00	0.

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Report date: 9/6/2018 10:32:16 AM
Printed by: wet

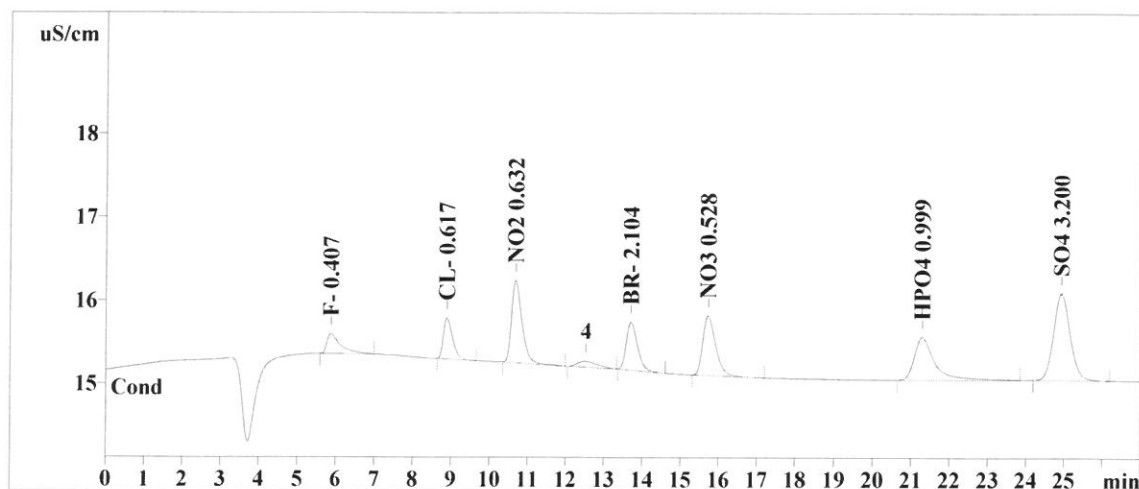
Ident: STD3
Analysis from: 9/4/2018 11:59:07 AM
File: _2018-09-04_

Last save: 9/4/2018 2:59:22 PM

Method: ANIONS 09-04-18.mtw
Run operator: wet
Analysis number: 63680

Last save: 9/4/2018 8:54:34 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	5.87	0.352	0.23	5.05	6.021	5.20	0.
2	8.89	0.251	0.49	10.66	8.169	7.06	0.
3	10.68	0.284	0.99	21.32	18.941	16.37	0.
4	13.71	0.319	0.57	12.34	11.969	10.34	0.
5	15.72	0.353	0.72	15.44	16.786	14.50	0.
6	21.28	0.499	0.51	11.09	19.376	16.74	0.
7	24.92	0.466	1.04	22.47	31.819	27.49	0.
7	27.00	0.360	4.56	98.38	113.081	97.71	0.

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Report date: 9/6/2018 10:32:32 AM
Printed by: wet

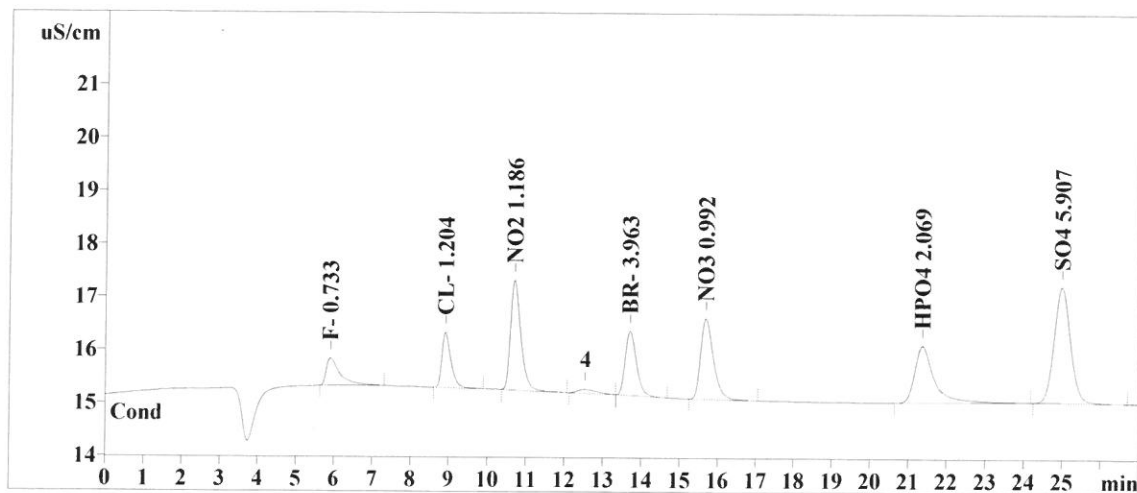
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File: _2018-09-04_

Last save: 9/4/2018 2:59:22 PM

Method: ANIONS 09-04-18.mtw
Run operator: wet
Analysis number: 63681

Last save: 9/4/2018 8:54:34 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	5.90	0.347	0.51	5.32	13.277	5.62	0.
2	8.90	0.250	1.04	10.71	17.249	7.30	0.
3	10.69	0.280	2.07	21.36	38.880	16.46	0.
4	13.69	0.314	1.21	12.53	24.868	10.53	0.
5	15.67	0.347	1.52	15.67	35.082	14.85	0.
6	21.36	0.483	1.07	11.06	39.021	16.52	0.
7	24.97	0.456	2.18	22.55	65.240	27.62	0.
7	27.00	0.354	9.59	99.19	233.619	98.89	0.

This report has been created by IC Net
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Report date: 9/6/2018 10:32:47 AM
Printed by: wet

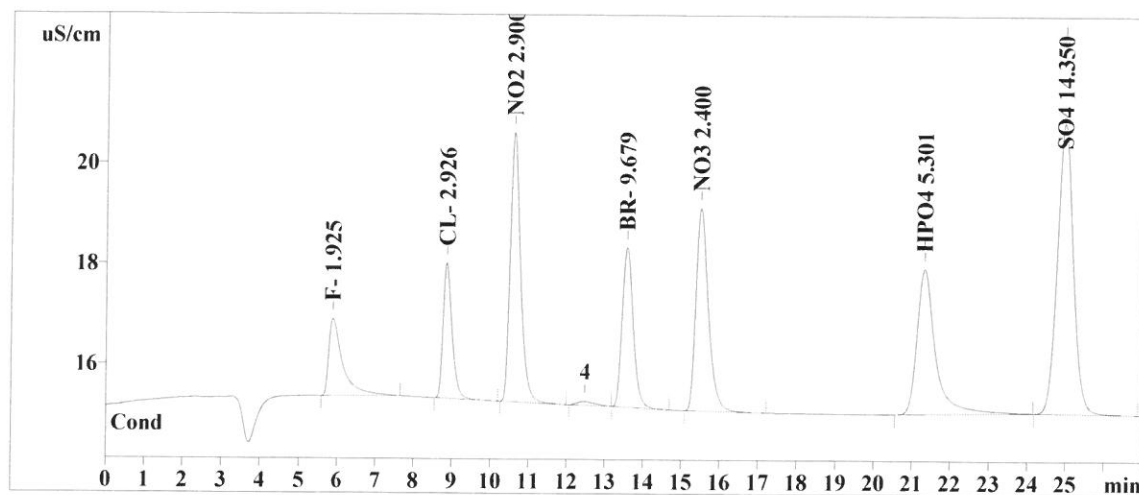
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Analysis from: 9/4/2018 12:58:58 PM
File: _2018-09-04_

Last save: 9/4/2018 2:59:22 PM

Method: ANIONS 09-04-18.mtw
Run operator: wet
Analysis number: 63682

Last save: 9/4/2018 8:54:34 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	5.88	0.343	1.53	6.00	39.768	6.52	0.
2	8.85	0.245	2.69	10.53	43.912	7.20	0.
3	10.59	0.280	5.36	20.97	100.543	16.49	0.
4	13.56	0.311	3.17	12.42	64.517	10.58	0.
5	15.49	0.336	4.03	15.80	90.690	14.87	0.
6	21.31	0.458	2.89	11.31	98.345	16.12	0.
7	24.95	0.446	5.78	22.65	169.497	27.79	0.
7	27.00	0.346	25.46	99.68	607.273	99.57	0.

This report has been created by IC Net
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Report date: 9/6/2018 10:34:20 AM
 Printed by: wet

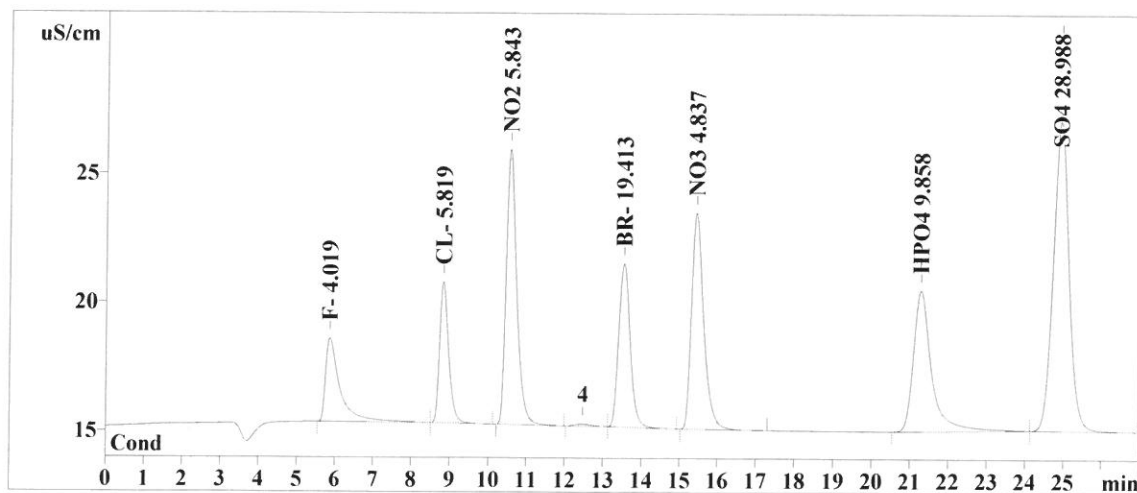
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 File: _2018-09-04_

Last save: 9/4/2018 2:59:22 PM

Method: ANIONS 09-04-18.mtw
 Run operator: wet
 Analysis number: 63683

Last save: 9/4/2018 8:54:34 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	5.86	0.343	3.23	6.26	86.317	6.99	0.
2	8.81	0.243	5.47	10.58	88.700	7.18	0.
3	10.55	0.289	10.68	20.67	206.436	16.71	0.
4	13.53	0.320	6.33	12.26	132.040	10.69	0.
5	15.42	0.332	8.38	16.23	186.955	15.13	0.
6	21.27	0.452	5.47	10.58	181.997	14.73	0.
7	24.90	0.442	12.02	23.27	350.247	28.35	0.
7	27.00	0.346	51.59	99.84	1232.691	99.79	0.

This report has been created by IC Net
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Report date: 9/6/2018 10:34:30 AM
Printed by: wet

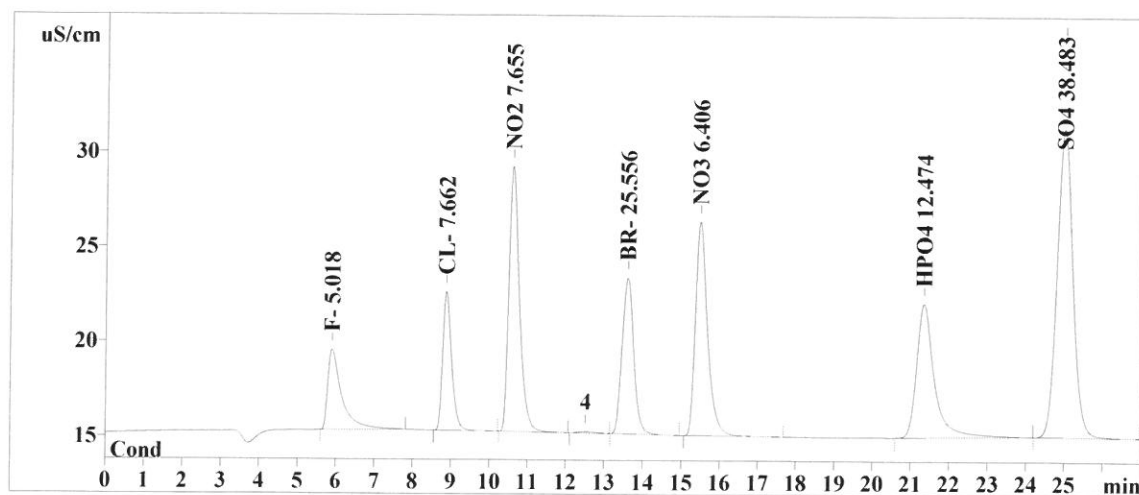
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Analysis from: 9/4/2018 1:58:48 PM
File: _2018-09-04_

Last save: 9/4/2018 3:00:00 PM

Method: ANIONS 09-04-18.mtw
Run operator: wet
Analysis number: 63684

Last save: 9/4/2018 8:54:34 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	5.89	0.343	4.23	6.18	108.522	6.70	0.
2	8.86	0.241	7.30	10.68	117.237	7.23	0.
3	10.59	0.291	13.97	20.43	271.607	16.76	0.
4	13.59	0.328	8.22	12.02	174.656	10.78	0.
5	15.46	0.327	11.27	16.48	248.910	15.36	0.
6	21.33	0.444	7.06	10.32	230.013	14.19	0.
7	24.97	0.436	16.25	23.77	467.485	28.84	0.
7	27.00	0.344	68.30	99.88	1618.430	99.85	0.

This report has been created by IC Net
METROHM LTD

Report date: 9/6/2018 10:35:22 AM
 Printed by: wet

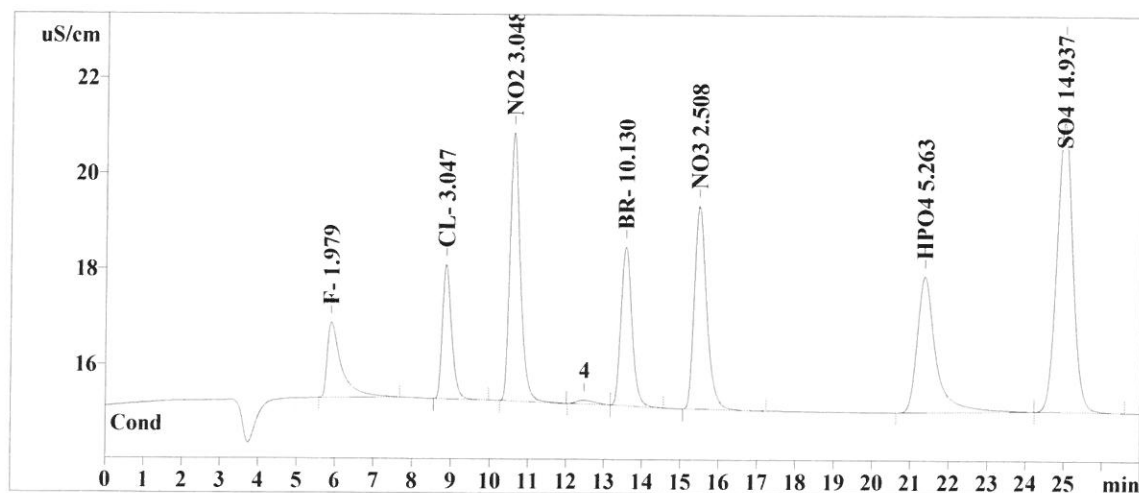
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Last save: 9/4/2018 3:55:22 PM

Method: ANIONS 09-04-18.mtw
 Run operator: wet
 Analysis number: 63687

Last save: 9/4/2018 2:59:30 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	5.90	0.344	1.57	5.92	40.953	6.48	0.
2	8.86	0.246	2.81	10.58	45.786	7.24	0.
3	10.59	0.282	5.61	21.14	105.878	16.75	0.
4	13.55	0.312	3.33	12.53	67.647	10.70	0.
5	15.47	0.335	4.25	16.00	94.966	15.02	0.
6	21.35	0.460	2.85	10.72	97.647	15.44	0.
7	24.98	0.445	6.05	22.81	176.741	27.95	0.
7	27.00	0.346	26.46	99.70	629.617	99.58	0.

This report has been created by IC Net
 METROHM LTD

Report date: 9/6/2018 10:35:42 AM
Printed by: wet

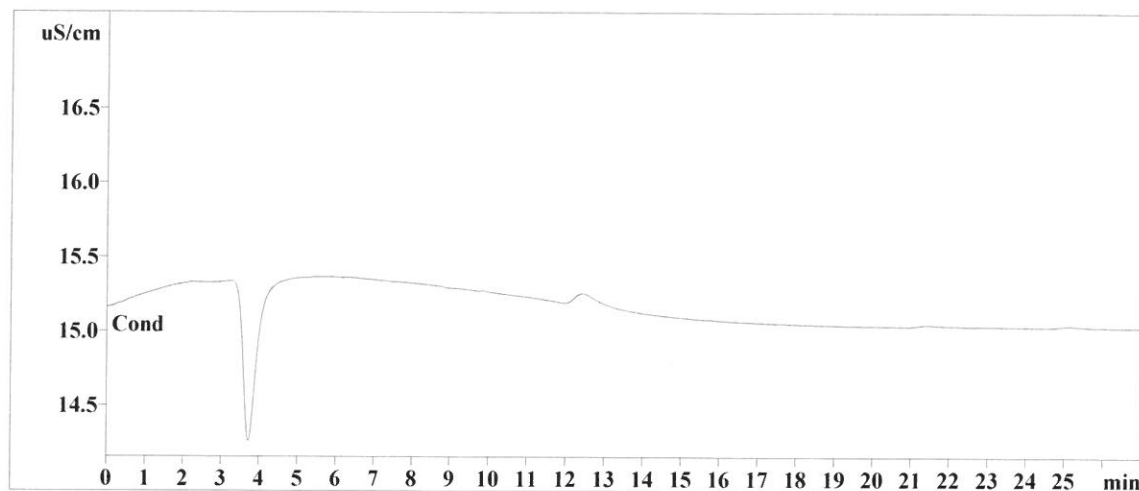
Ident: ICB
Analysis from: 9/4/2018 3:58:28 PM
File: _2018-09-04_

Last save: 9/6/2018 10:35:40 AM

Method: ANIONS 09-04-18.mtw
Run operator: wet
Analysis number: 63688

Last save: 9/4/2018 2:59:30 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: 9/7/2018 9:33:01 AM
 Printed by: wet

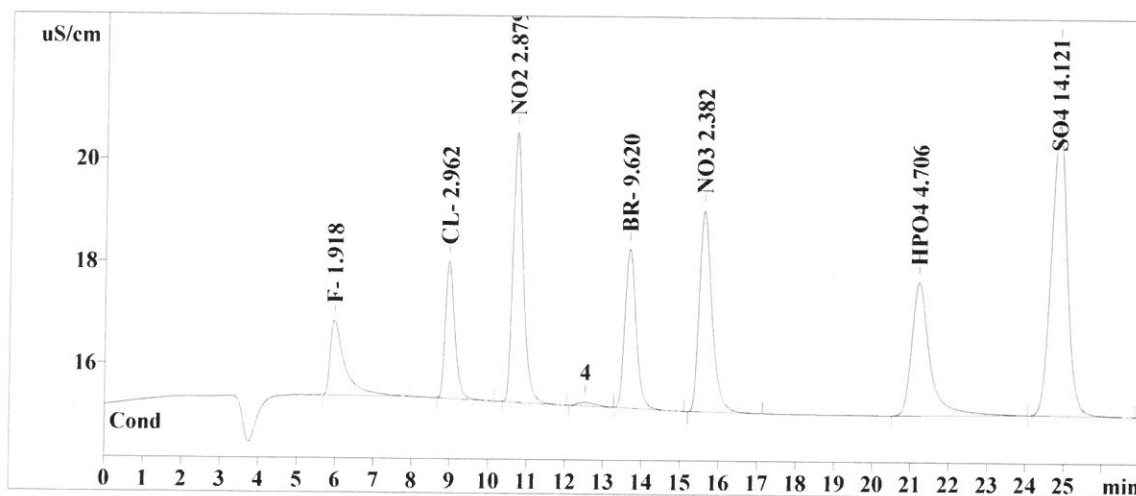
Ident: CCV
 Analysis from: 9/6/2018 9:32:33 AM
 File: _2018-09-06_

Last save: 9/6/2018 9:59:22 AM

Method: ANIONS 09-04-18.mtw
 Run operator: wet
 Analysis number: 63716

Last save: 9/4/2018 2:59:30 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	5.96	0.357	1.46	5.89	39.616	6.66	0.
2	8.95	0.250	2.68	10.79	44.475	7.48	0.
3	10.70	0.283	5.27	21.27	99.789	16.78	0.
4	13.66	0.315	3.10	12.53	64.105	10.78	0.
5	15.59	0.342	3.93	15.86	89.964	15.13	0.
6	21.20	0.456	2.60	10.49	87.422	14.70	0.
7	24.82	0.447	5.67	22.86	166.672	28.03	0.
7	27.00	0.350	24.71	99.69	592.043	99.57	0.

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Report date: 9/7/2018 9:33:15 AM
Printed by: wet

Ident: CCB
Analysis from: 9/6/2018 10:10:50 AM
File: _2018-09-06_

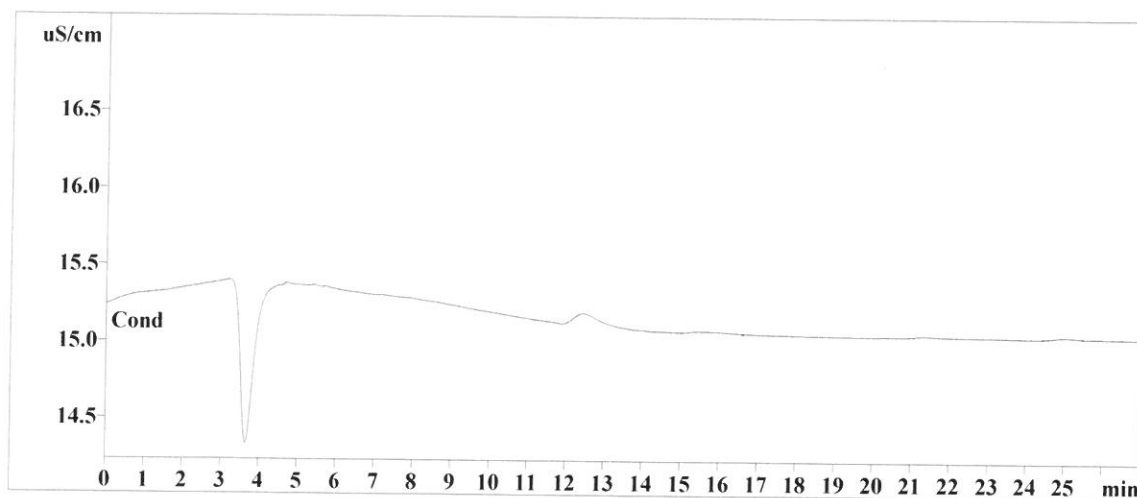
Last save: 9/7/2018 9:33:14 AM

Method: ANIONS 09-04-18.mtw
Run operator: wet
Analysis number: 63717

Last save: 9/4/2018 2:59:30 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: 9/7/2018 9:33:33 AM
Printed by: wet

Ident: LB97775BLW
Analysis from: 9/6/2018 10:40:45 AM
File: _2018-09-06_

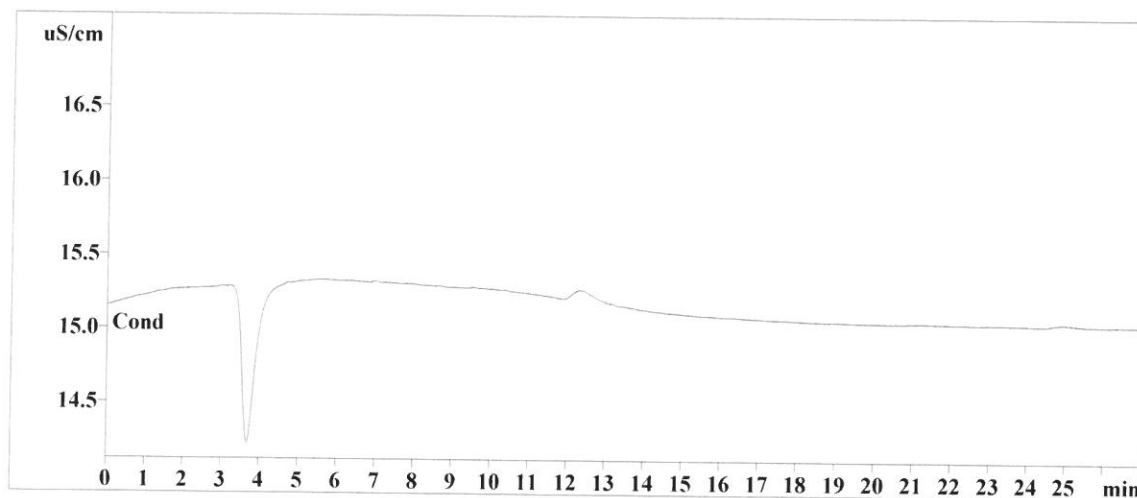
Last save: 9/7/2018 9:33:32 AM

Method: ANIONS 09-04-18.mtw
Run operator: wet
Analysis number: 63718

Last save: 9/4/2018 2:59:30 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: 9/7/2018 9:33:40 AM
Printed by: wet

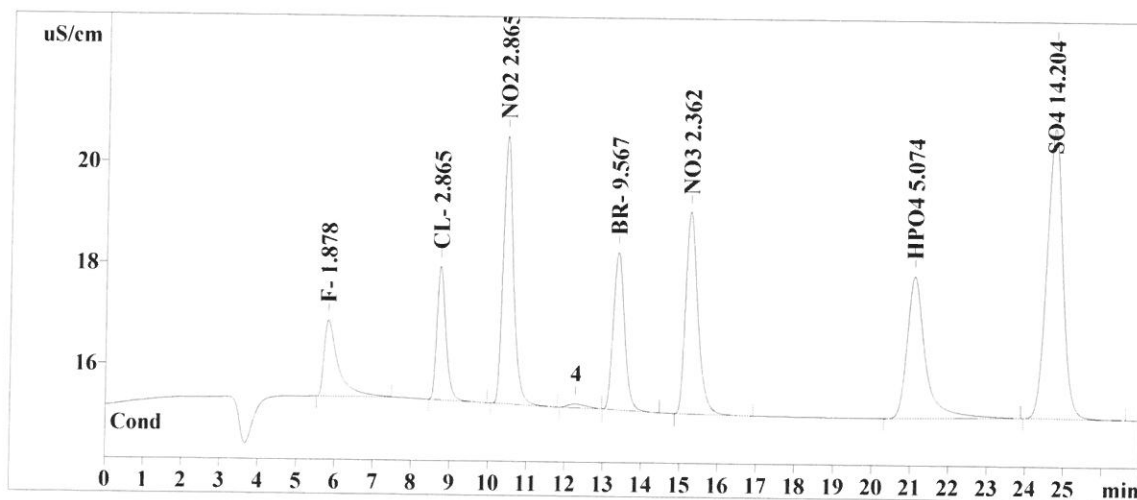
Ident: LB97775BSW
Analysis from: 9/6/2018 11:10:40 AM
File: _2018-09-06_

Last save: 9/7/2018 9:32:50 AM

Method: ANIONS 09-04-18.mtw
Run operator: wet
Analysis number: 63719

Last save: 9/4/2018 2:59:30 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	5.81	0.346	1.50	5.96	38.723	6.47	0.
2	8.72	0.246	2.63	10.47	42.974	7.18	0.
3	10.44	0.280	5.29	21.04	99.268	16.59	0.
4	13.36	0.314	3.11	12.38	63.740	10.65	0.
5	15.25	0.335	4.00	15.90	89.200	14.91	0.
6	21.08	0.456	2.80	11.13	94.184	15.74	0.
7	24.70	0.446	5.73	22.80	167.693	28.02	0.
7	27.00	0.346	25.05	99.67	595.784	99.56	0.

This report has been created by IC Net
METROHM LTD

Report date: 9/7/2018 9:33:57 AM
Printed by: wet

Ident: J4808-01
Analysis from: 9/6/2018 11:55:44 AM
File: _2018-09-06_

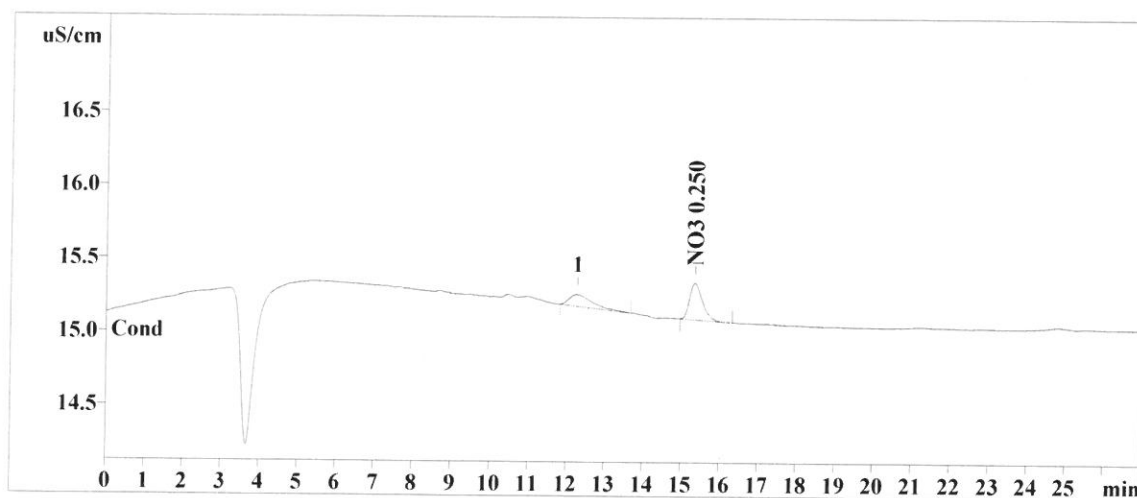
Last save: 9/6/2018 12:22:34 PM

Method: ANIONS 09-04-18.mtw
Run operator: wet
Analysis number: 63721

Last save: 9/4/2018 2:59:30 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	0.00	0.000	0.00	0.00	0.000	0.00	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	15.35	0.351	0.25	75.23	5.769	62.44	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	27.00	0.050	0.25	75.23	5.769	62.44	0.

This report has been created by IC Net
METROHM LTD

Report date: 9/7/2018 9:34:13 AM
Printed by: wet

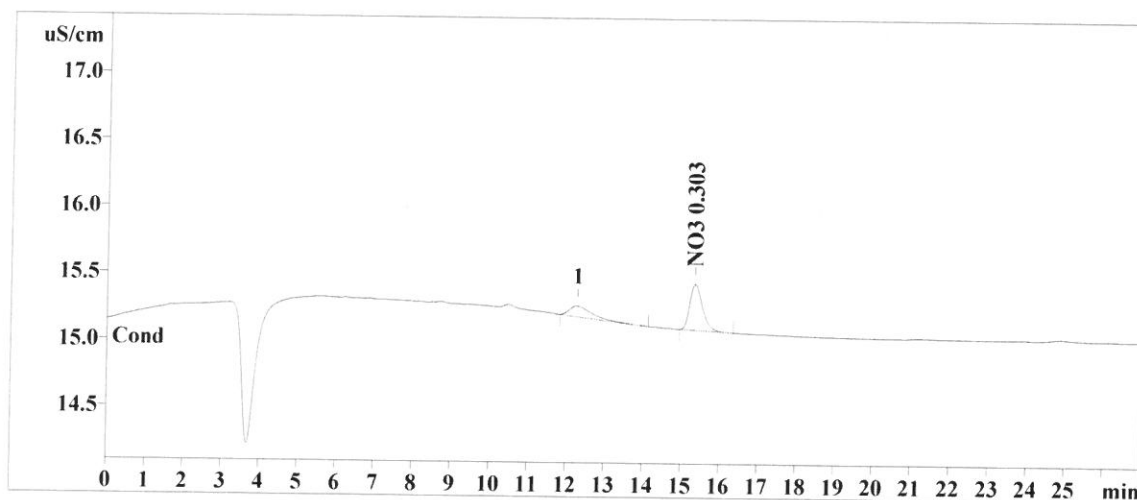
Ident: J4808-02
Analysis from: 9/6/2018 12:25:39 PM
File: _2018-09-06_

Last save: 9/6/2018 12:52:28 PM

Method: ANIONS 09-04-18.mtw
Run operator: wet
Analysis number: 63722

Last save: 9/4/2018 2:59:30 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	0.00	0.000	0.00	0.00	0.000	0.00	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	15.35	0.348	0.34	80.59	7.896	69.43	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	27.00	0.050	0.34	80.59	7.896	69.43	0.

This report has been created by IC Net
METROHM LTD

Report date: 9/7/2018 9:34:43 AM
Printed by: wet

Ident: J4808-03
Analysis from: 9/6/2018 12:57:44 PM
File: _2018-09-06_

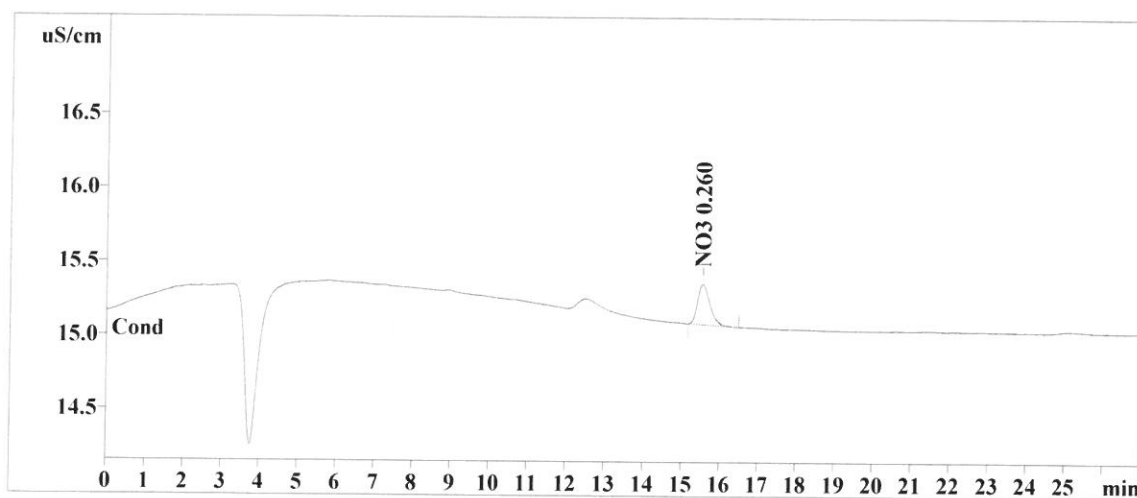
Last save: 9/7/2018 9:34:40 AM

Method: ANIONS 09-04-18.mtw
Run operator: wet
Analysis number: 63723

Last save: 9/4/2018 2:59:30 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	0.00	0.000	0.00	0.00	0.000	0.00	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	15.54	0.344	0.27	99.77	6.176	100.00	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	27.00	0.049	0.27	99.77	6.176	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 9/7/2018 9:34:56 AM
 Printed by: wet

Ident: J4810-01
 Analysis from: 9/6/2018 1:27:39 PM
 File: _2018-09-06_

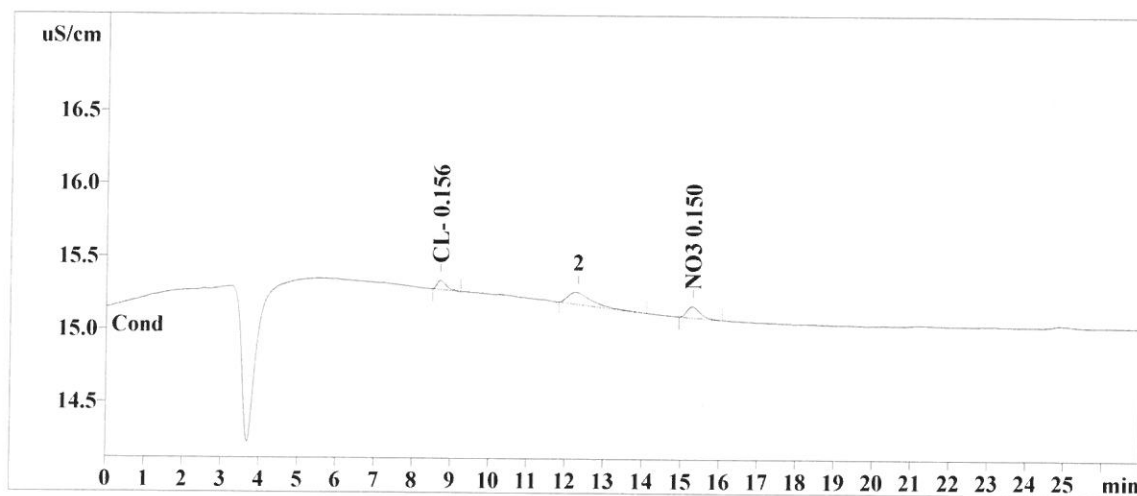
Last save: 9/6/2018 1:54:28 PM

Method: ANIONS 09-04-18.mtw
 Run operator: wet
 Analysis number: 63724

Last save: 9/4/2018 2:59:30 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	8.72	0.247	0.06	27.75	1.033	16.01	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	15.29	0.361	0.08	34.40	1.831	28.37	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	27.00	0.087	0.14	62.15	2.864	44.39	0.

This report has been created by IC Net
 METROHM LTD

Report date: 9/7/2018 9:35:22 AM
Printed by: wet

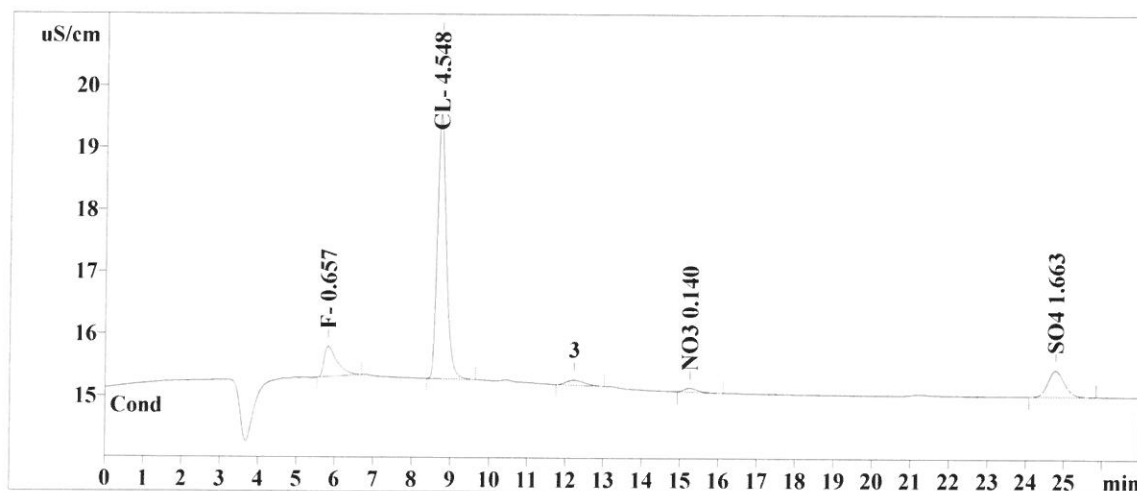
Ident: J4810-02
Analysis from: 9/6/2018 1:57:34 PM
File: _2018-09-06_

Last save: 9/6/2018 2:24:22 PM

Method: ANIONS 09-04-18.mtw
Run operator: wet
Analysis number: 63725

Last save: 9/4/2018 2:59:30 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	5.82	0.348	0.49	9.16	11.569	11.84	0.
2	8.71	0.244	4.26	80.07	69.031	70.62	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	15.25	0.343	0.06	1.18	1.427	1.46	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.78	0.464	0.42	7.94	12.843	13.14	0.
7	27.00	0.200	5.23	98.36	94.870	97.05	0.

This report has been created by IC Net
METROHM LTD

Report date: 9/7/2018 9:35:48 AM
Printed by: wet

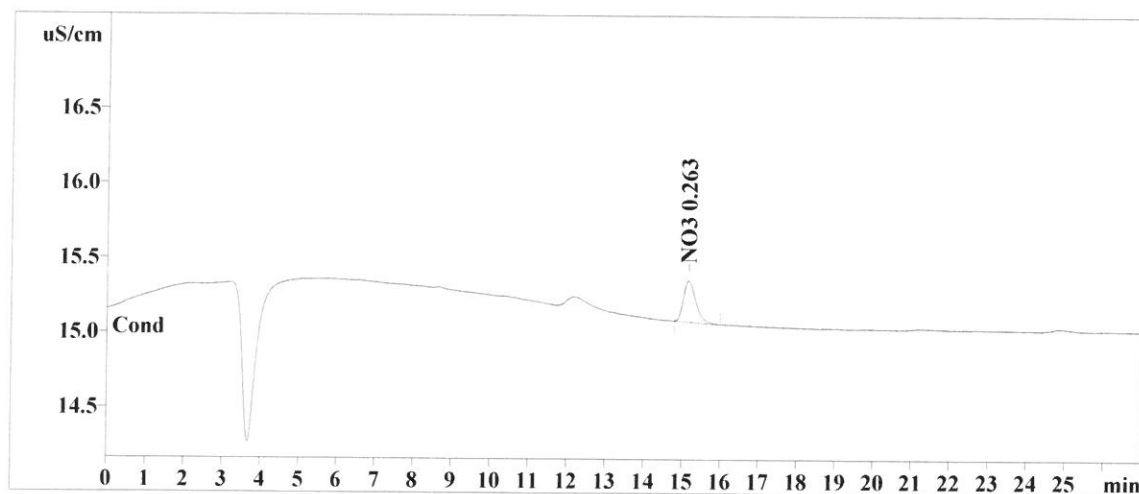
Ident: J4808-03DUP
Analysis from: 9/6/2018 2:27:28 PM
File: _2018-09-06_

Last save: 9/7/2018 9:35:48 AM

Method: ANIONS 09-04-18.mtw
Run operator: wet
Analysis number: 63726

Last save: 9/4/2018 2:59:30 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	0.00	0.000	0.00	0.00	0.000	0.00	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	15.15	0.343	0.28	99.68	6.281	100.00	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	27.00	0.049	0.28	99.68	6.281	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 9/7/2018 9:36:02 AM
Printed by: wet

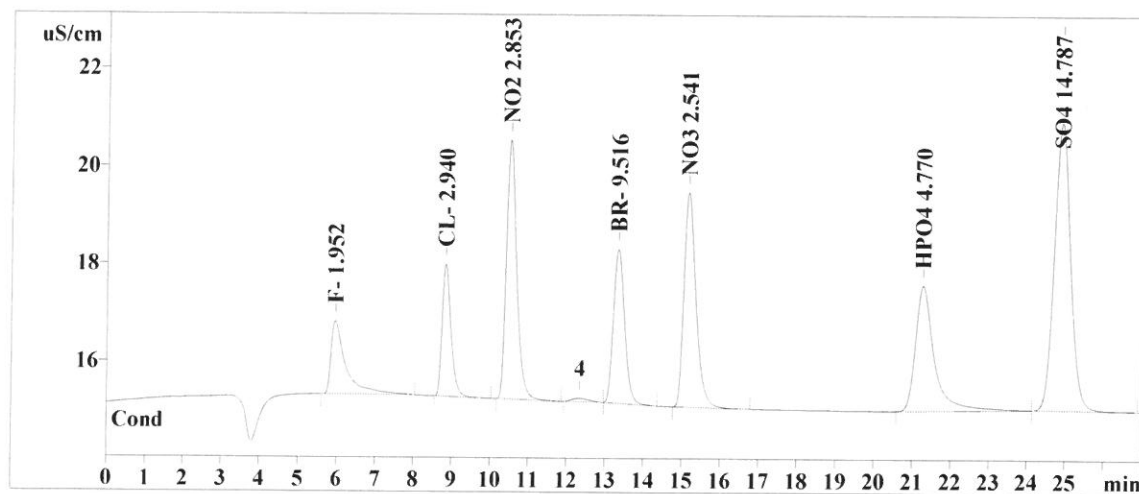
Ident: J4808-03MS
Analysis from: 9/6/2018 2:57:23 PM
File: _2018-09-06_

Last save: 9/6/2018 3:24:12 PM

Method: ANIONS 09-04-18.mtw
Run operator: wet
Analysis number: 63727

Last save: 9/4/2018 2:59:30 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	5.95	0.344	1.49	5.82	40.368	6.63	0.
2	8.82	0.246	2.71	10.60	44.134	7.25	0.
3	10.50	0.279	5.30	20.73	98.860	16.24	0.
4	13.33	0.310	3.15	12.32	63.388	10.41	0.
5	15.16	0.329	4.39	17.19	96.273	15.81	0.
6	21.26	0.467	2.56	10.01	88.597	14.55	0.
7	24.88	0.453	5.88	23.02	174.895	28.72	0.
7	27.00	0.347	25.48	99.70	606.515	99.61	0.

This report has been created by IC Net
METROHM LTD

Report date: 9/7/2018 9:36:16 AM
 Printed by: wet

Ident: J4808-03MSD
 Analysis from: 9/6/2018 3:27:18 PM
 File: _2018-09-06_

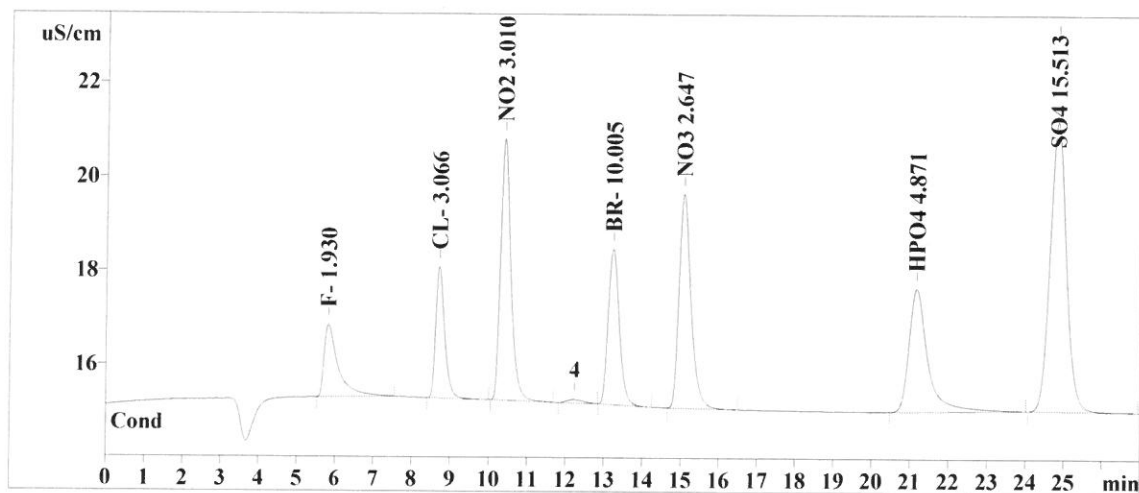
Last save: 9/6/2018 3:54:08 PM

Method: ANIONS 09-04-18.mtw
 Run operator: wet
 Analysis number: 63728

Last save: 9/4/2018 2:59:30 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	5.82	0.345	1.53	5.75	39.869	6.29	0.
2	8.70	0.248	2.80	10.51	46.076	7.26	0.
3	10.38	0.281	5.57	20.92	104.486	16.47	0.
4	13.22	0.309	3.31	12.44	66.782	10.53	0.
5	15.05	0.331	4.56	17.13	100.431	15.83	0.
6	21.15	0.465	2.62	9.85	90.455	14.26	0.
7	24.80	0.455	6.15	23.11	183.858	28.99	0.
7	27.00	0.348	26.55	99.71	631.957	99.64	0.

This report has been created by IC Net
 METROHM LTD

Report date: 9/7/2018 9:36:46 AM
 Printed by: wet

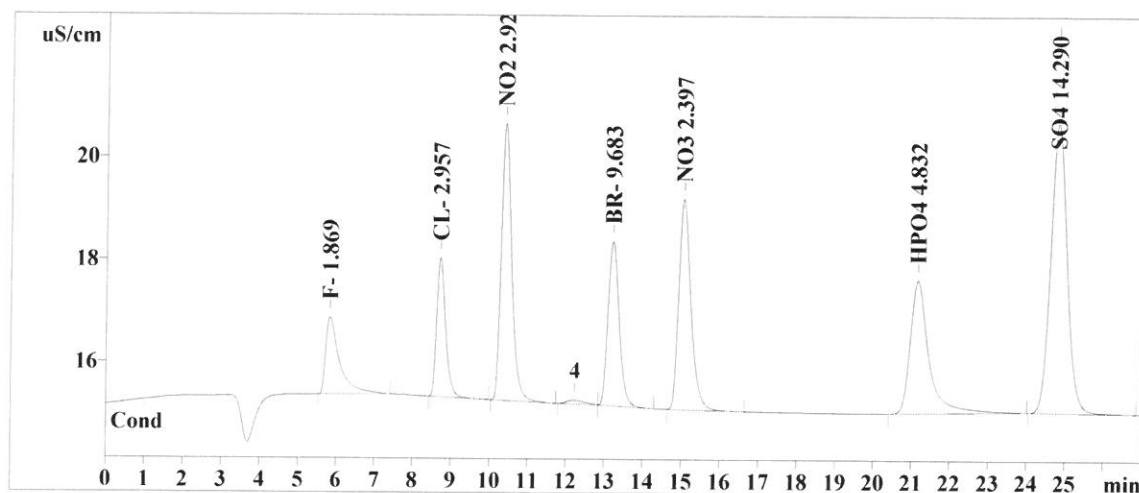
Ident: CCV
 Analysis from: 9/6/2018 3:57:13 PM
 File: _2018-09-06_

Last save: 9/6/2018 4:24:02 PM

Method: ANIONS 09-04-18.mtw
 Run operator: wet
 Analysis number: 63729

Last save: 9/4/2018 2:59:30 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	0.344	1.50	5.95	38.527	6.42	0.
2	8.71	0.247	2.71	10.75	44.396	7.40	0.
3	10.38	0.281	5.39	21.38	101.388	16.89	0.
4	13.21	0.310	3.20	12.70	64.546	10.75	0.
5	15.04	0.332	4.10	16.27	90.574	15.09	0.
6	21.15	0.467	2.59	10.28	89.744	14.95	0.
7	24.80	0.457	5.64	22.35	168.758	28.11	0.
7	27.00	0.348	25.14	99.69	597.932	99.61	0.

This report has been created by IC Net
 METROHM LTD

Report date: 9/7/2018 9:37:55 AM
Printed by: wet

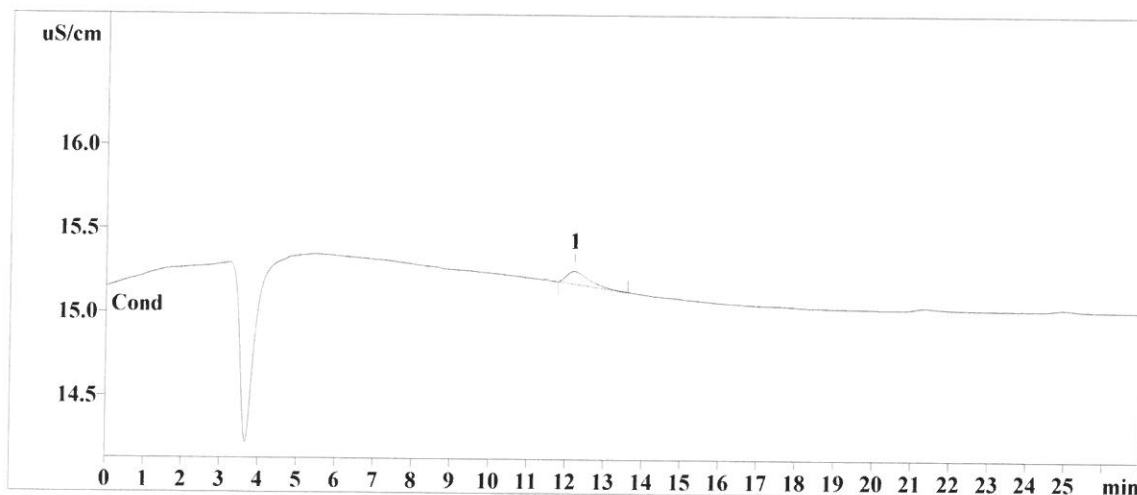
Ident: CCB
Analysis from: 9/6/2018 4:27:08 PM
File: _2018-09-06_

Last save: 9/6/2018 4:53:58 PM

Method: ANIONS 09-04-18.mtw
Run operator: wet
Analysis number: 63730

Last save: 9/4/2018 2:59:30 PM

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	0.00	0.000	0.00	0.00	0.000	0.00	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	27.00	0.000	0.00	0.00	0.000	0.00	0.

This report has been created by IC Net
METROHM LTD