

IC-1 300.0

08-02-19 AK

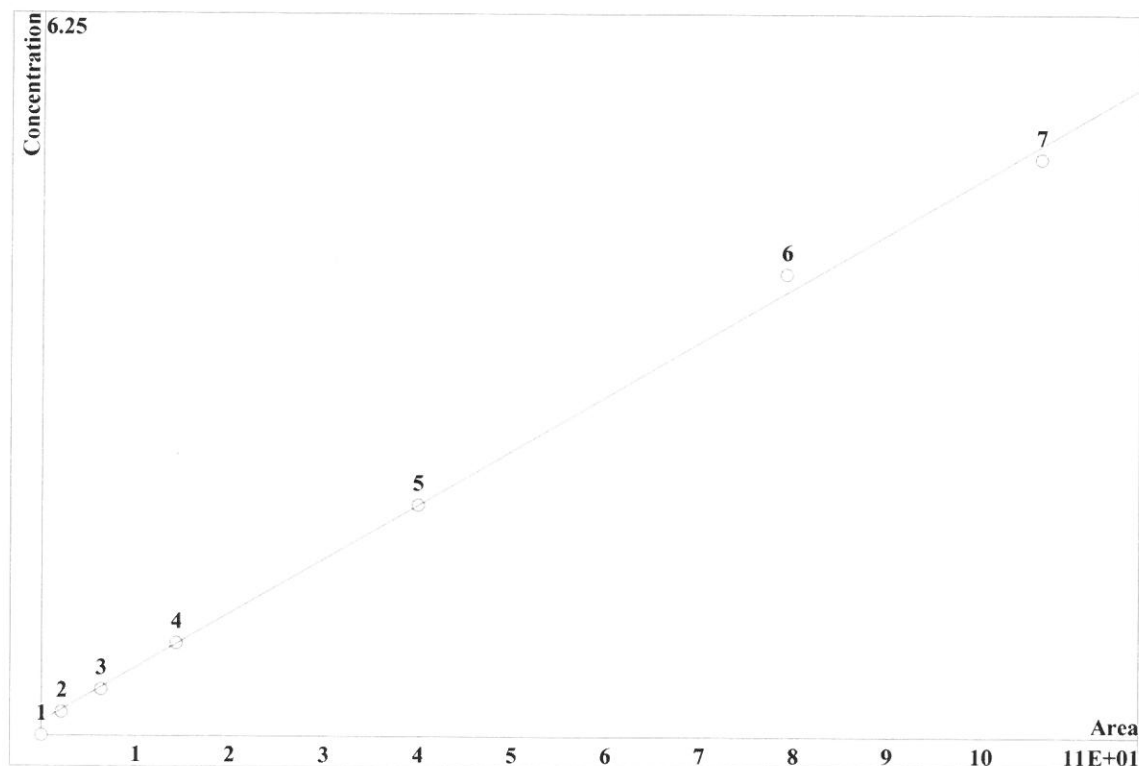
Clear table

ident	concentra tion 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 Vol	Analyst
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2019-07-15_	7/15/19 9:32		AK/AP
STD2	0.2240	0.3570	0.3570	1.1780	0.2830	0.3020	1.7180	_2019-07-15_	7/15/19 10:04		AK/AP
STD3	0.4210	0.6120	0.6290	2.1050	0.5170	1.0050	3.0290	_2019-07-15_	7/15/19 10:35		AK/AP
STD4	0.7970	1.1860	1.1890	3.9550	0.9800	2.1300	5.8160	_2019-07-15_	7/15/19 11:07		AK/AP
STD5	2.0000	2.9420	2.9380	9.7590	2.4980	5.2300	15.2870	_2019-07-15_	7/15/19 11:38		AK/AP
STD6	3.8420	5.9200	5.8560	19.6470	4.8720	9.7600	28.9600	_2019-07-15_	7/15/19 13:54		AK/AP
STD7	5.1170	7.5840	7.6310	25.3560	6.3490	12.5730	38.1890	_2019-07-15_	7/15/19 14:26		AK/AP
ICV	1.9620	2.9670	2.9050	9.7450	2.4400	5.2580	14.7170	_2019-07-15_	7/15/19 14:57		AK/AP
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2019-07-15_	7/15/19 15:28		AK/AP
CCV	2.0660	3.0570	3.0360	9.9690	2.4730	4.7400	14.9170	_2019-08-02_	8/2/19 8:39		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2019-08-02_	8/2/19 9:10		AK/AP
LB104404BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2019-08-02_	8/2/19 9:41		AK/AP
LB104404BSW	1.9280	2.9820	2.9250	9.6770	2.3870	4.6190	14.2600	_2019-08-02_	8/2/19 10:13		AK/AP
K4146-01	0.0000	0.0000	0.0000	0.0000	0.1220	0.0000	0.0000	_2019-08-02_	8/2/19 11:15		AK/AP
K4146-02	0.0000	0.1220	0.0000	0.0000	0.0940	0.0000	0.0000	_2019-08-02_	8/2/19 11:46		AK/AP
K4146-03	0.0000	0.0000	0.0000	0.0000	0.0920	0.0000	0.0000	_2019-08-02_	8/2/19 12:18		AK/AP
K4146-03DUP	0.0000	0.0000	0.0000	0.0000	0.0920	0.0000	0.0000	_2019-08-02_	8/2/19 12:49		AK/AP
K4146-03MS	2.0130	3.0750	3.0300	10.0810	2.5900	4.8600	15.1610	_2019-08-02_	8/2/19 13:21		AK/AP
K4146-03MSD	1.9710	2.9290	2.8880	9.6210	2.4710	4.7140	14.4630	_2019-08-02_	8/2/19 13:52		AK/AP
CCV	2.0360	3.0500	3.0330	10.0330	2.5710	5.0040	15.1340	_2019-08-02_	8/2/19 14:23		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2019-08-02_	8/2/19 14:55		AK/AP

CALIBRATION OF COMPONENT F-

Method: ANIONS 07-15-19.mtw
 Equation: $Q = 0.940749 \cdot A + 2.44468$
 RSD: 4.816 %
 Correlation coefficient: 0.999020

IC-1 col
 07-15-19 AR



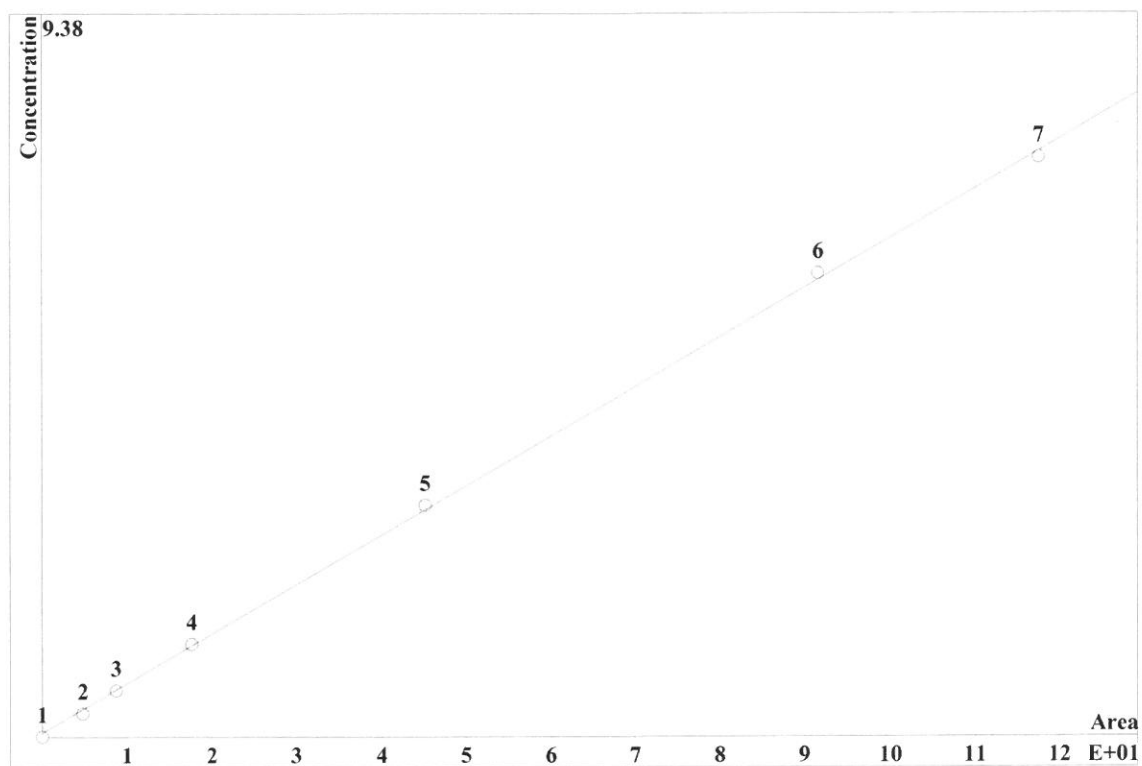
K3 = 0 K2 = 0 K1 = 0.940749 K0 = 2.44468

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	0.0643	2.165	0.2	20	5.998		Yes
3	0.1547	6.354	0.4	20	5.998		Yes
4	0.3183	14.34	0.8	20	5.998		Yes
5	0.838	39.92	2	20	5.998		Yes
6	1.803	79.08	4	20	5.998		Yes
7	2.259	106.2	5	20	5.998		Yes

CALIBRATION OF COMPONENT CL-

Method: ANIONS 07-15-19.mtw
 Equation: $Q = 1.28176 \cdot A + 1.02714$
 RSD: 2.305 %
 Correlation coefficient: 0.999775



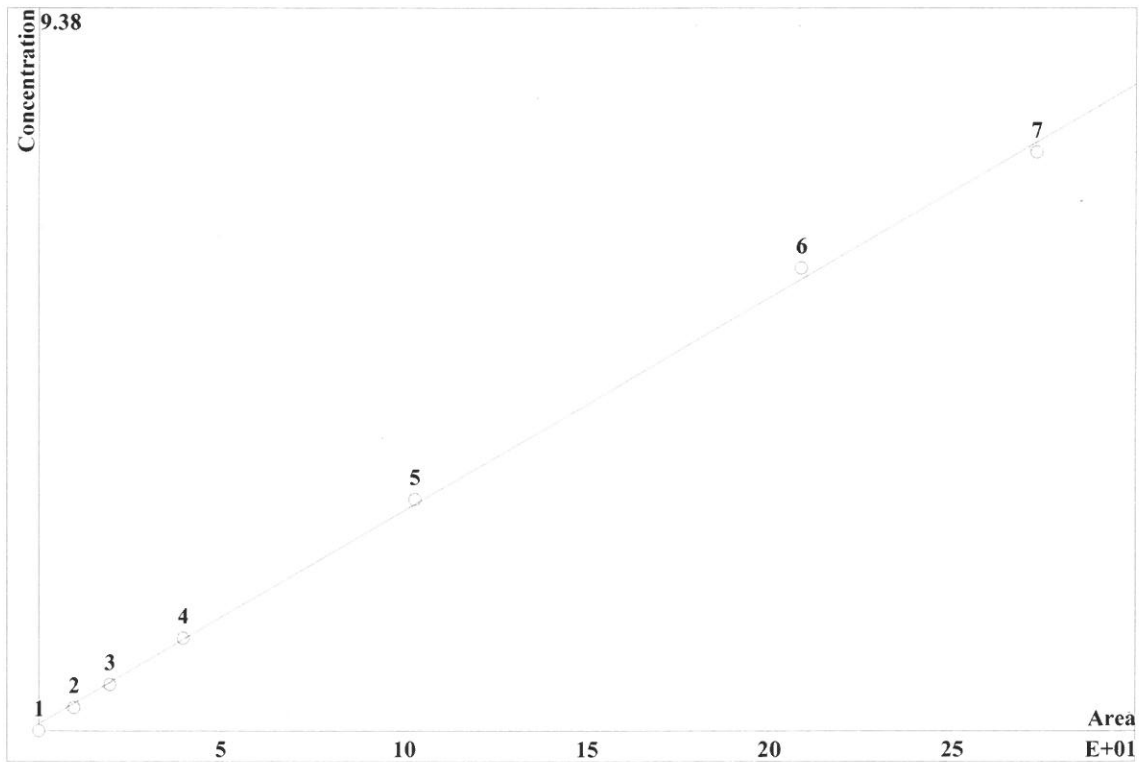
K3 = 0 K2 = 0 K1 = 1.28176 K0 = 1.02714

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	0.364	4.77	0.3	20	9.288		Yes
3	0.7231	8.748	0.6	20	9.288		Yes
4	1.463	17.7	1.2	20	9.288		Yes
5	3.814	45.1	3	20	9.288		Yes
6	8.095	91.57	6	20	9.288		Yes
7	10.56	117.5	7.5	20	9.288		Yes

CALIBRATION OF COMPONENT NO2

Method: ANIONS 07-15-19.mtw
 Equation: $Q = 0.552629 \cdot A + 1.83677$
 RSD: 3.450 %
 Correlation coefficient: 0.999497

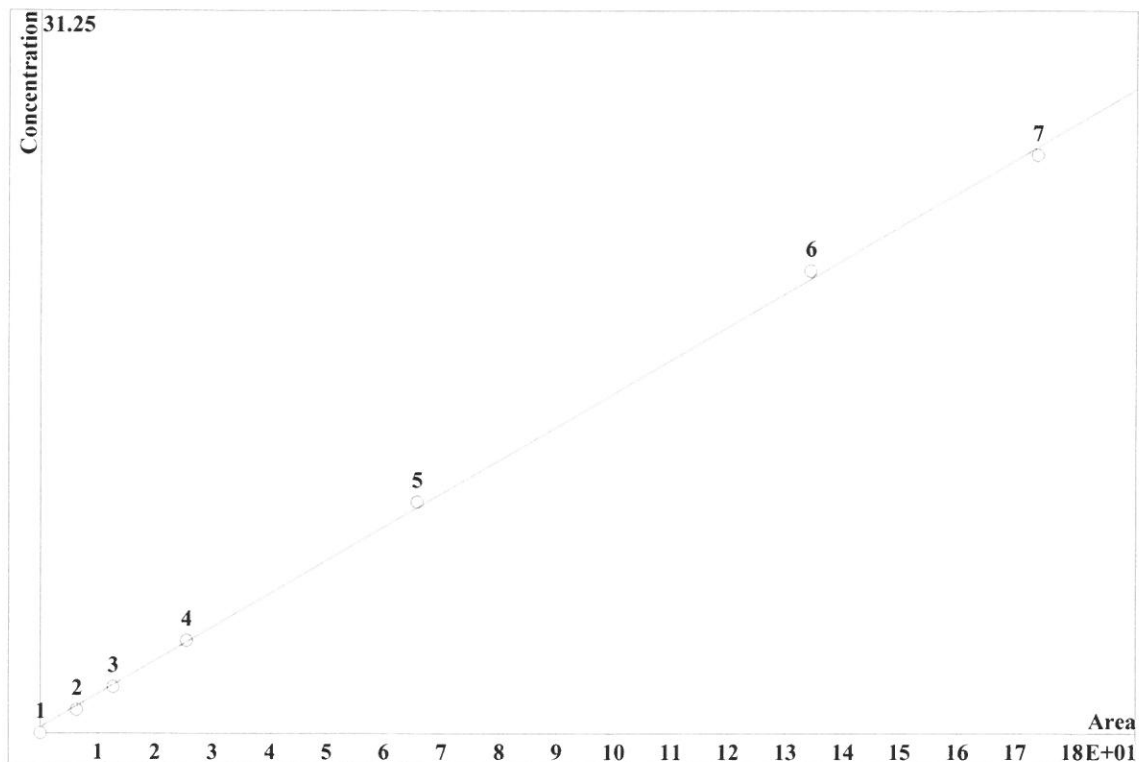


K3 = 0 K2 = 0 K1 = 0.552629 K0 = 1.83677
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.6571	9.585	0.3	20	11.29			Yes
3	1.334	19.46	0.6	20	11.29			Yes
4	2.709	39.69	1.2	20	11.29			Yes
5	6.926	103	3	20	11.29			Yes
6	13.9	208.6	6	20	11.29			Yes
7	17.72	272.8	7.5	20	11.29			Yes

CALIBRATION OF COMPONENT BR-

Method: ANIONS 07-15-19.mtw
 Equation: $Q = 2.88802 \cdot A + 5.29175$
 RSD: 2.880 %
 Correlation coefficient: 0.999649



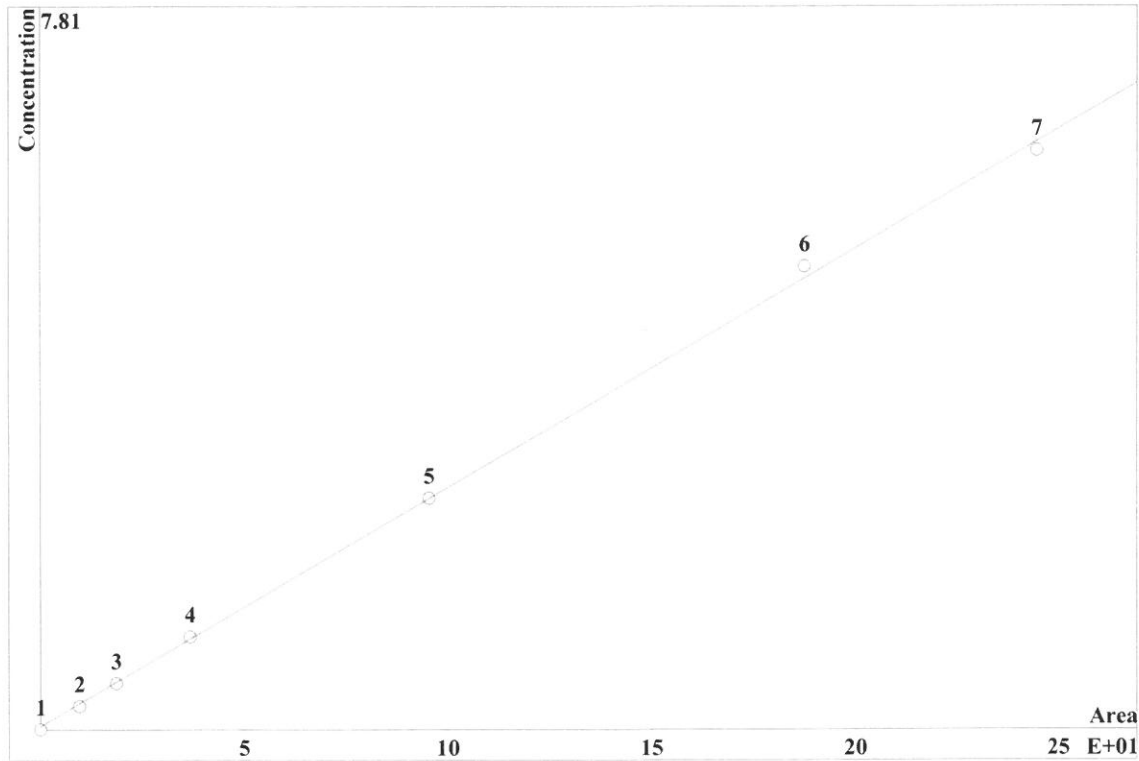
K3 = 0 K2 = 0 K1 = 2.88802 K0 = 5.29175

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	0.3368	6.325	1	20	14.64		Yes
3	0.6941	12.74	2	20	14.64		Yes
4	1.424	25.56	4	20	14.64		Yes
5	3.759	65.75	10	20	14.64		Yes
6	8.023	134.2	20	20	14.64		Yes
7	10.47	173.8	25	20	14.64		Yes

CALIBRATION OF COMPONENT NO3

Method: ANIONS 07-15-19.mtw
 Equation: $Q = 0.516182 \cdot A + 0.686505$
 RSD: 3.239 %
 Correlation coefficient: 0.999557

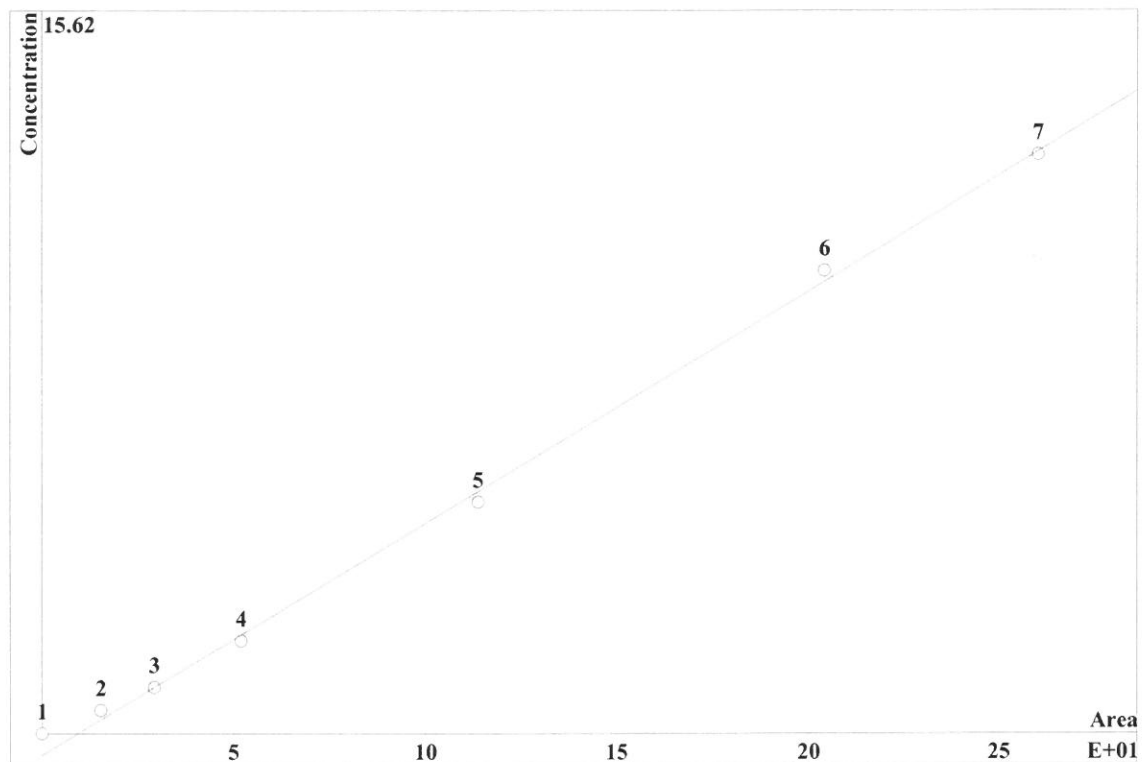


K3 = 0 K2 = 0 K1 = 0.516182 K0 = 0.686505
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.4278	9.64	0.25	20	17.05	Yes	
3	0.8383	18.7	0.5	20	17.05	Yes	
4	1.684	36.66	1	20	17.05	Yes	
5	4.475	95.47	2.5	20	17.05	Yes	
6	9.219	187.4	5	20	17.05	Yes	
7	12.17	244.7	6.25	20	17.05	Yes	

CALIBRATION OF COMPONENT HPO4

Method: ANIONS 07-15-19.mtw
 Equation: $Q = 1.00249 \cdot A - 9.45354$
 RSD: 4.013 %
 Correlation coefficient: 0.999319



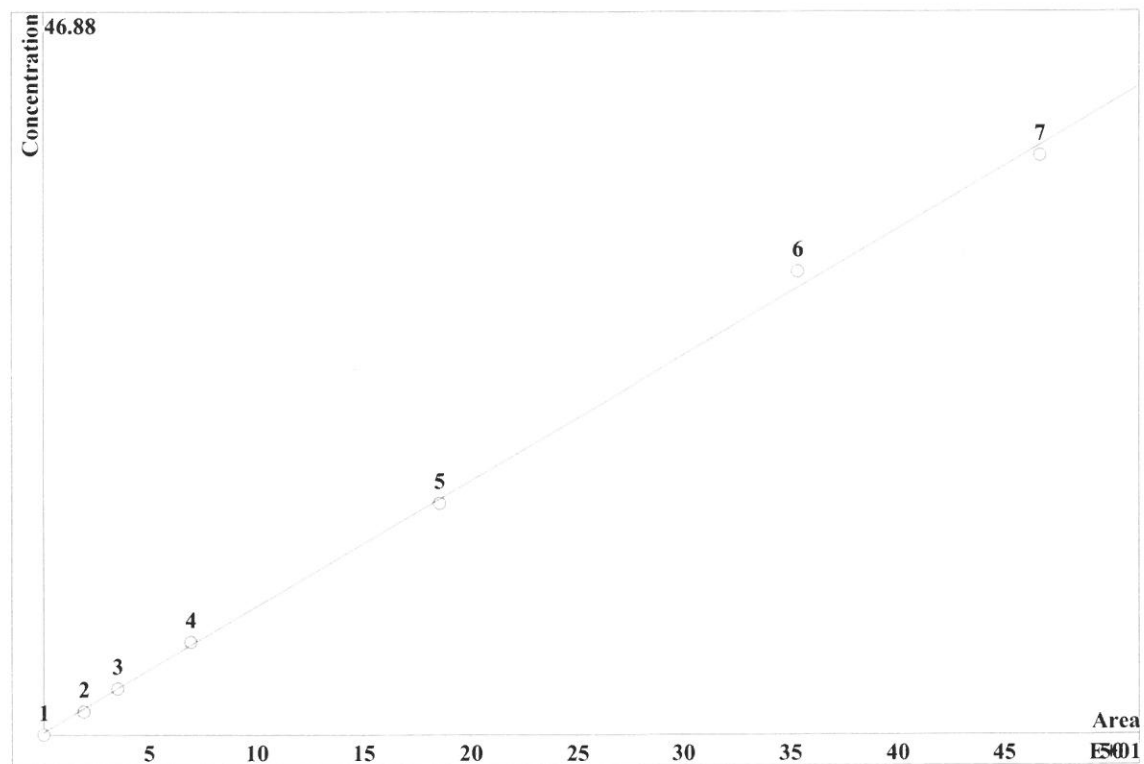
K3 = 0 K2 = 0 K1 = 1.00249 K0 = -9.45354

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	0.4034	15.45	0.5	20	23.3		Yes
3	0.8054	29.48	1	20	23.3		Yes
4	1.454	51.93	2	20	23.3		Yes
5	3.346	113.8	5	20	23.3		Yes
6	6.469	204.2	10	20	23.3		Yes
7	8.227	260.3	12.5	20	23.3		Yes

CALIBRATION OF COMPONENT SO4

Method: ANIONS 07-15-19.mtw
Equation: $Q = 1.63049 \cdot A + 3.16066$
RSD: 4.231 %
Correlation coefficient: 0.999243



K3 = 0 K2 = 0 K1 = 1.63049 K0 = 3.16066

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	0.6596	19.13	1.5	20	27.39		Yes
3	1.227	35.22	3	20	27.39		Yes
4	2.43	69.41	6	20	27.39		Yes
5	6.671	185.6	15	20	27.39		Yes
6	13.05	353.3	30	20	27.39		Yes
7	17.1	466.5	37.5	20	27.39		Yes

Report date: 7/16/2019 9:46:33 AM
Printed by: wet

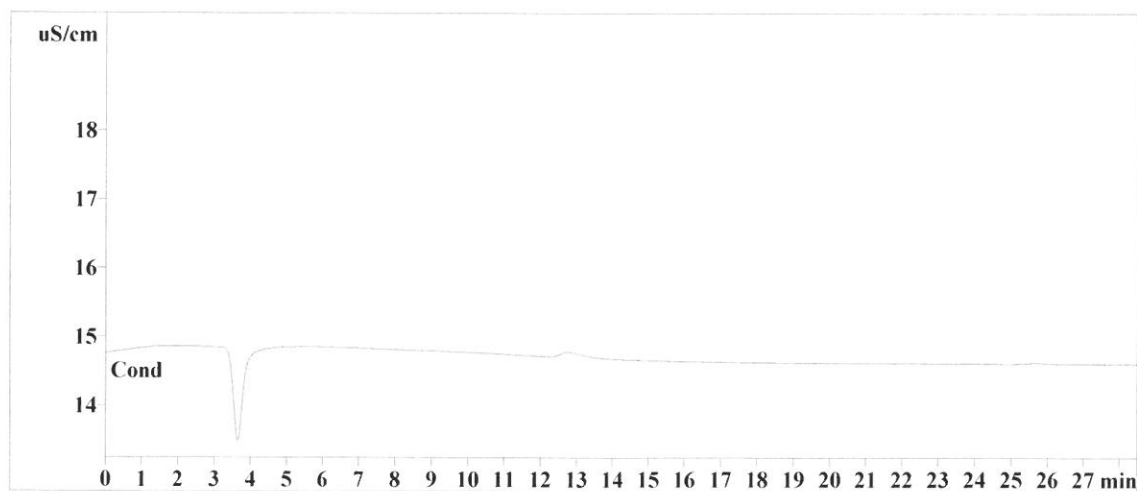
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File: _2019-07-15_

Last save: 7/15/2019 3:05:30 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67826

Last save: 7/15/2019 8:58:48 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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Printed by: wet

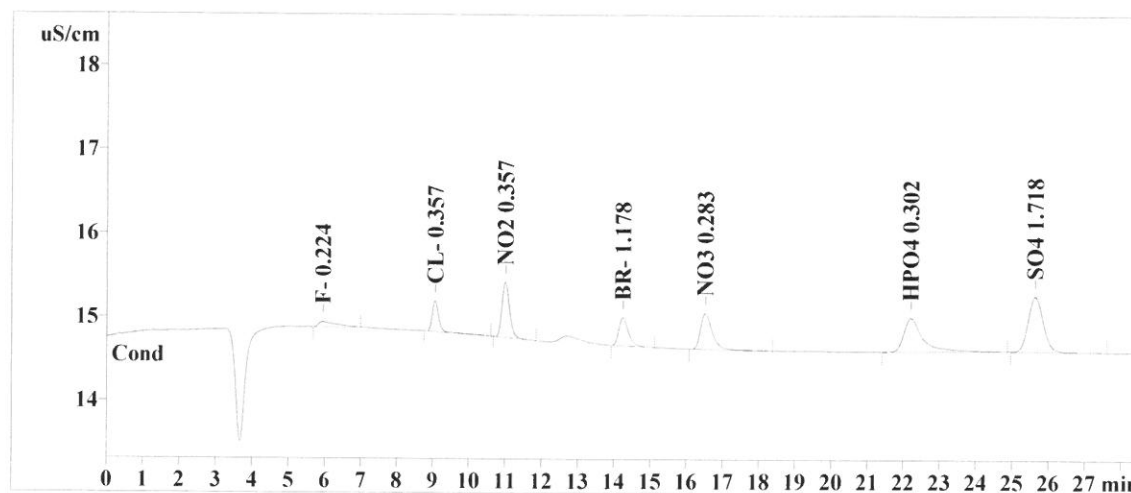
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File: _2019-07-15_

Last save: 7/15/2019 3:05:30 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67827

Last save: 7/15/2019 8:58:48 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	5.93	0.551	0.06	2.18	2.165	3.23	0.
2	9.06	0.184	0.36	12.47	4.770	7.11	0.
3	10.99	0.220	0.66	22.55	9.585	14.29	0.
4	14.24	0.281	0.34	11.55	6.325	9.43	0.
5	16.52	0.329	0.43	14.66	9.640	14.38	0.
6	22.20	0.485	0.40	13.82	15.446	23.03	0.
7	25.63	0.441	0.66	22.63	19.129	28.53	0.
7	28.50	0.356	2.91	99.86	67.059	100.00	0.

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Report date: 7/16/2019 9:47:02 AM
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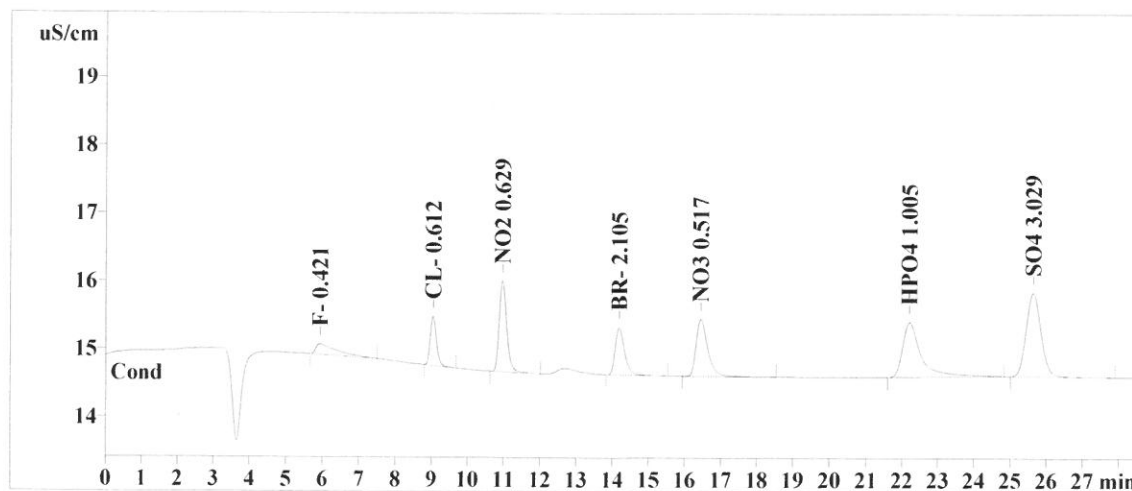
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Analysis from: 7/15/2019 10:35:41 AM
File: _2019-07-15_

Last save: 7/15/2019 3:05:30 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67828

Last save: 7/15/2019 8:58:48 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	5.94	0.590	0.15	2.67	6.354	4.86	0.
2	9.04	0.182	0.72	12.51	8.748	6.69	0.
3	10.96	0.219	1.33	23.09	19.456	14.89	0.
4	14.18	0.273	0.69	12.00	12.745	9.75	0.
5	16.44	0.326	0.84	14.50	18.704	14.31	0.
6	22.20	0.469	0.81	13.94	29.481	22.55	0.
7	25.62	0.437	1.23	21.25	35.219	26.95	0.
7	28.50	0.357	5.77	99.97	130.706	100.00	0.

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Report date: 7/16/2019 9:48:03 AM
Printed by: wet

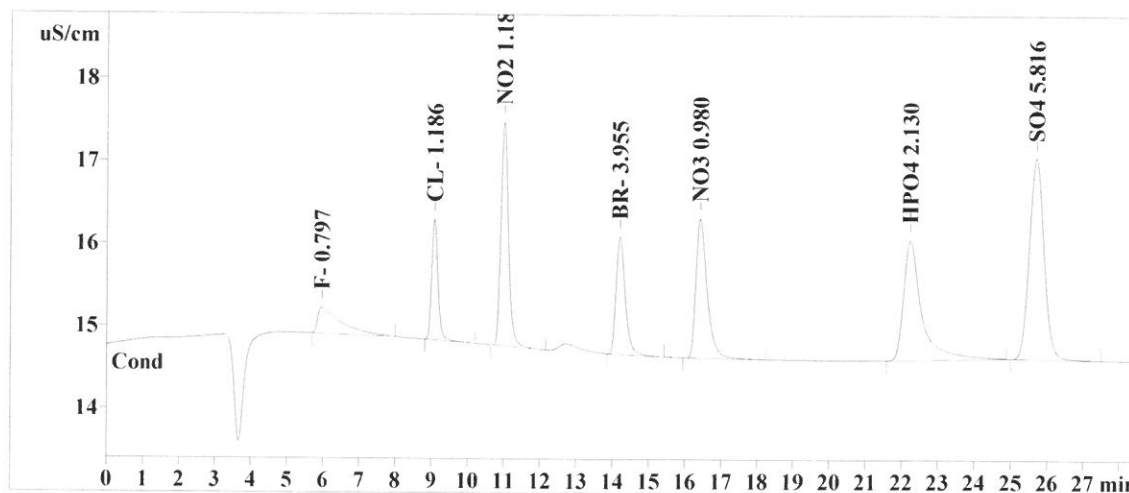
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File: _2019-07-15_

Last save: 7/15/2019 3:05:30 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67829

Last save: 7/15/2019 8:58:48 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	5.96	0.612	0.32	2.76	14.336	5.62	0.
2	9.07	0.180	1.46	12.74	17.697	6.93	0.
3	10.98	0.219	2.71	23.58	39.695	15.55	0.
4	14.19	0.268	1.42	12.40	25.555	10.01	0.
5	16.40	0.319	1.68	14.66	36.660	14.36	0.
6	22.23	0.462	1.45	12.66	51.933	20.34	0.
7	25.67	0.436	2.43	21.16	69.405	27.19	0.
7	28.50	0.356	11.48	99.97	255.282	100.00	0.

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Report date: 7/16/2019 9:48:14 AM
 Printed by: wet

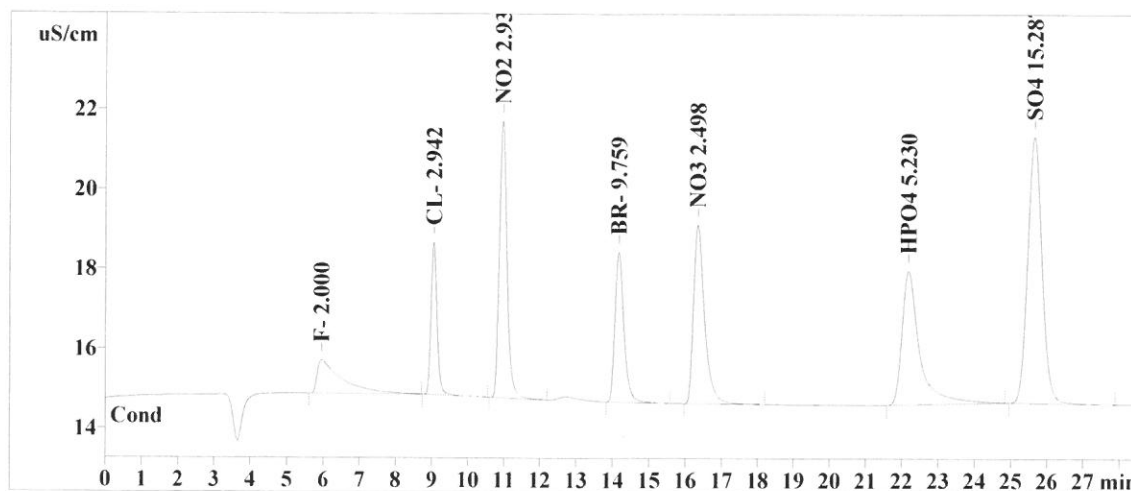
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Last save: 7/15/2019 3:05:30 PM

Method: ANIONS 07-15-19.mtw
 Run operator: wet
 Analysis number: 67830

Last save: 7/15/2019 8:58:48 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	5.95	0.615	0.84	2.81	39.918	6.15	0.
2	9.04	0.176	3.81	12.79	45.101	6.95	0.
3	10.94	0.222	6.93	23.22	103.008	15.88	0.
4	14.16	0.260	3.76	12.60	65.751	10.14	0.
5	16.32	0.313	4.47	15.00	95.470	14.72	0.
6	22.18	0.443	3.35	11.22	113.770	17.54	0.
7	25.63	0.424	6.67	22.36	185.580	28.61	0.
7	28.50	0.350	29.83	99.99	648.598	100.00	0.

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Report date: 7/16/2019 9:48:23 AM
Printed by: wet

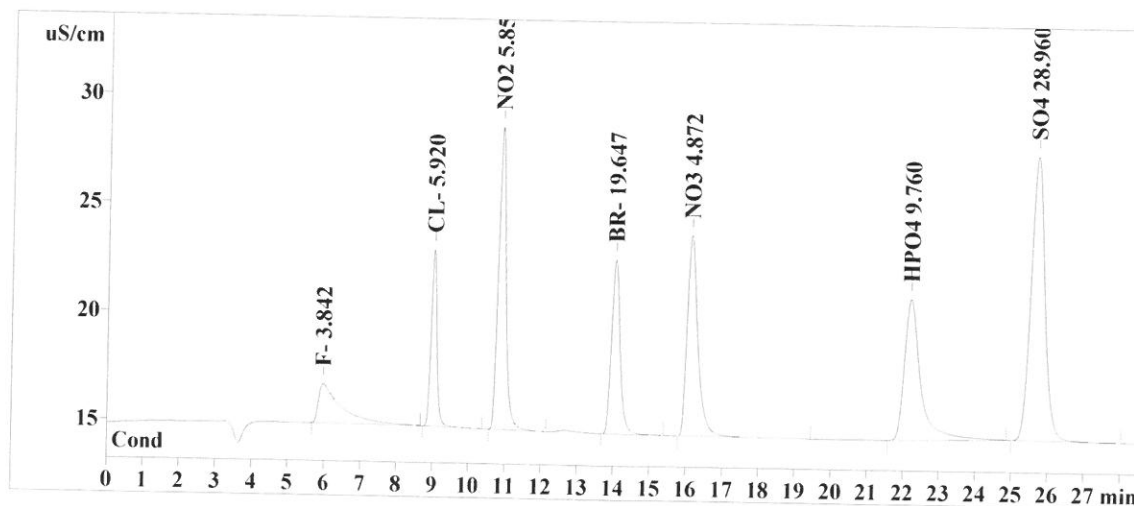
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Analysis from: 7/15/2019 1:54:35 PM
File: _2019-07-15_

Last save: 7/15/2019 3:05:30 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67835

Last save: 7/15/2019 8:58:48 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	5.96	0.566	1.80	2.98	79.078	6.28	0.
2	9.00	0.169	8.09	13.37	91.570	7.28	0.
3	10.85	0.224	13.90	22.95	208.623	16.58	0.
4	14.02	0.250	8.02	13.25	134.226	10.67	0.
5	16.10	0.294	9.22	15.22	187.437	14.90	0.
6	22.18	0.418	6.47	10.68	204.154	16.22	0.
7	25.66	0.411	13.05	21.55	353.297	28.08	0.
7	28.50	0.333	60.55	100.00	1258.385	100.00	0.

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Report date: 7/16/2019 9:48:30 AM
 Printed by: wet

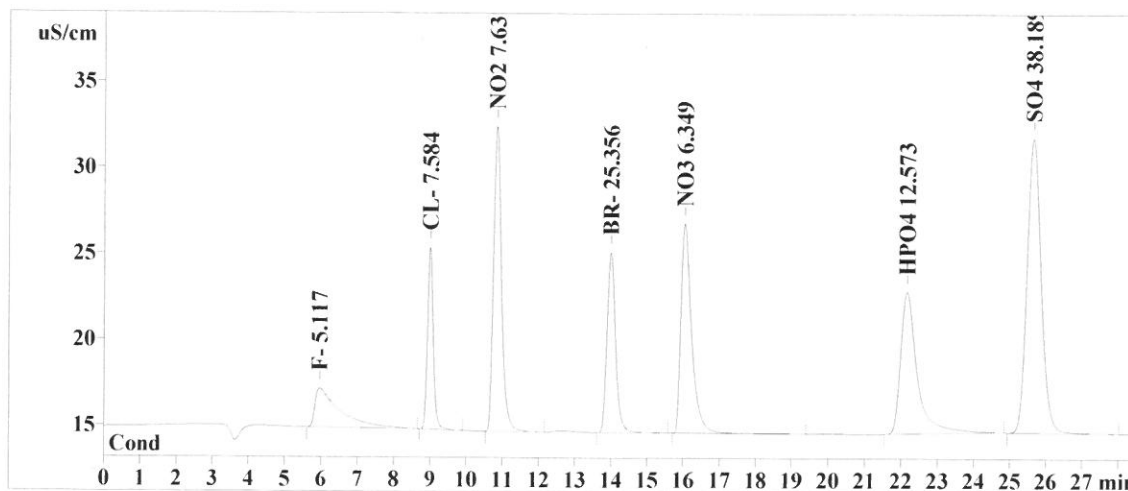
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 File: _2019-07-15_

Last save: 7/15/2019 3:05:50 PM

Method: ANIONS 07-15-19.mtw
 Run operator: wet
 Analysis number: 67836

Last save: 7/15/2019 3:05:48 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	5.97	0.614	2.26	2.88	106.177	6.47	0.
2	8.99	0.166	10.56	13.45	117.531	7.16	0.
3	10.82	0.230	17.72	22.57	272.838	16.62	0.
4	13.98	0.248	10.47	13.34	173.764	10.58	0.
5	16.03	0.291	12.17	15.50	244.672	14.90	0.
6	22.15	0.422	8.23	10.48	260.256	15.85	0.
7	25.63	0.416	17.10	21.78	466.499	28.41	0.
7	28.50	0.341	78.51	100.00	1641.738	100.00	0.

This report has been created by IC Net
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Report date: 7/16/2019 9:51:31 AM
 Printed by: wet

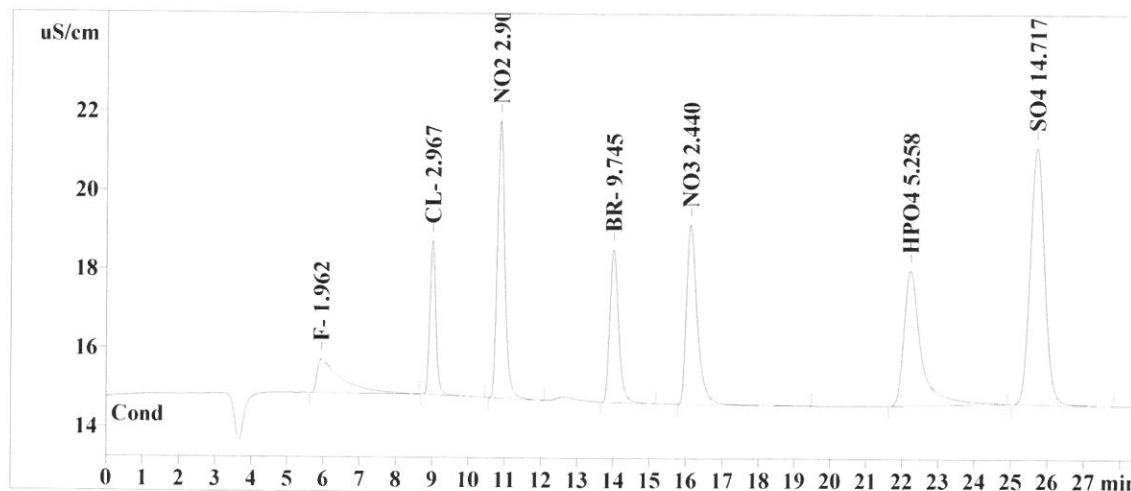
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Last save: 7/15/2019 3:25:44 PM

Method: ANIONS 07-15-19.mtw
 Run operator: wet
 Analysis number: 67837

Last save: 7/15/2019 2:54:18 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.95	0.596	0.86	2.86	39.875	6.24	0.
2	9.00	0.174	3.89	12.93	45.489	7.12	0.
3	10.86	0.216	7.01	23.28	101.827	15.94	0.
4	13.99	0.253	3.88	12.87	65.653	10.28	0.
5	16.11	0.298	4.56	15.12	93.204	14.59	0.
6	22.22	0.434	3.43	11.37	114.320	17.89	0.
7	25.69	0.418	6.50	21.58	178.589	27.95	0.
7	28.50	0.341	30.13	99.99	638.958	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 7/16/2019 9:51:45 AM
Printed by: wet

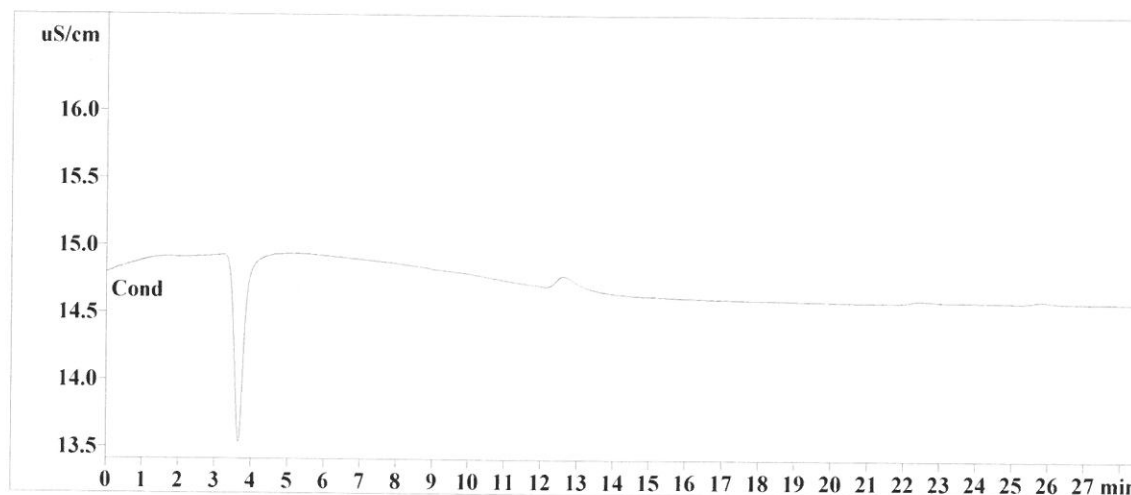
Ident: ICB
Analysis from: 7/15/2019 3:28:49 PM
File: _2019-07-15_

Last save: 7/16/2019 9:51:44 AM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67838

Last save: 7/15/2019 3:05:48 PM

SAMPLE:
: AK/AP
Vial number: 10
Volume: 20.0 μ L
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 8/2/2019 3:17:54 PM
Printed by: wet

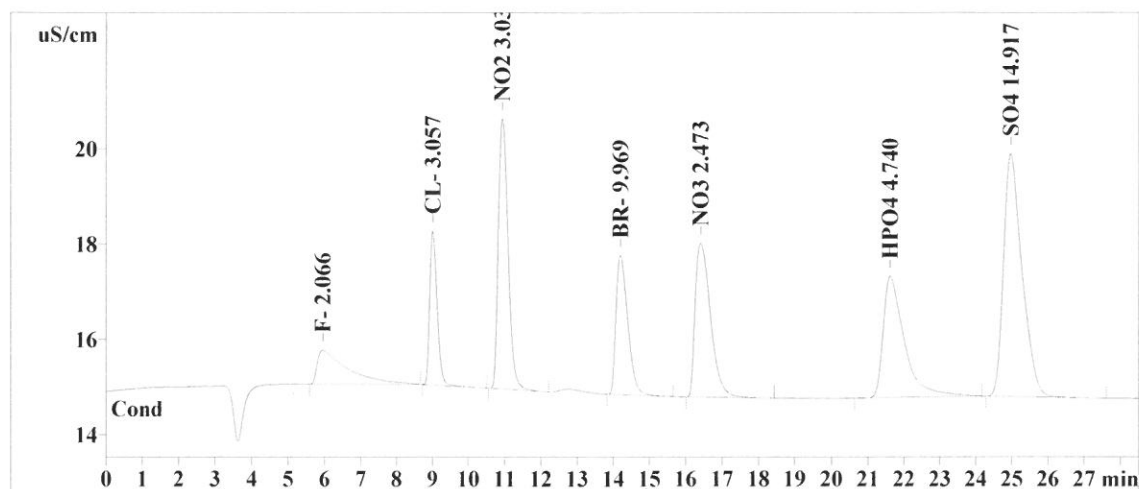
Ident: CCV
Analysis from: 8/2/2019 8:39:10 AM
File: _2019-08-02_

Last save: 8/2/2019 10:10:02 AM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 68198

Last save: 7/15/2019 3:05:48 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	5.95	0.802	0.71	3.03	41.318	6.44	0.
2	9.01	0.224	3.22	13.77	46.892	7.31	0.
3	10.93	0.292	5.67	24.25	106.539	16.61	0.
4	14.19	0.357	2.92	12.49	67.208	10.48	0.
5	16.41	0.455	3.22	13.79	94.489	14.73	0.
6	21.61	0.582	2.54	10.87	103.999	16.21	0.
7	24.97	0.540	5.09	21.78	181.035	28.22	0.
7	28.50	0.465	23.37	99.99	641.479	100.00	0.

This report has been created by IC Net
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Report date: 8/2/2019 3:18:02 PM
Printed by: wet

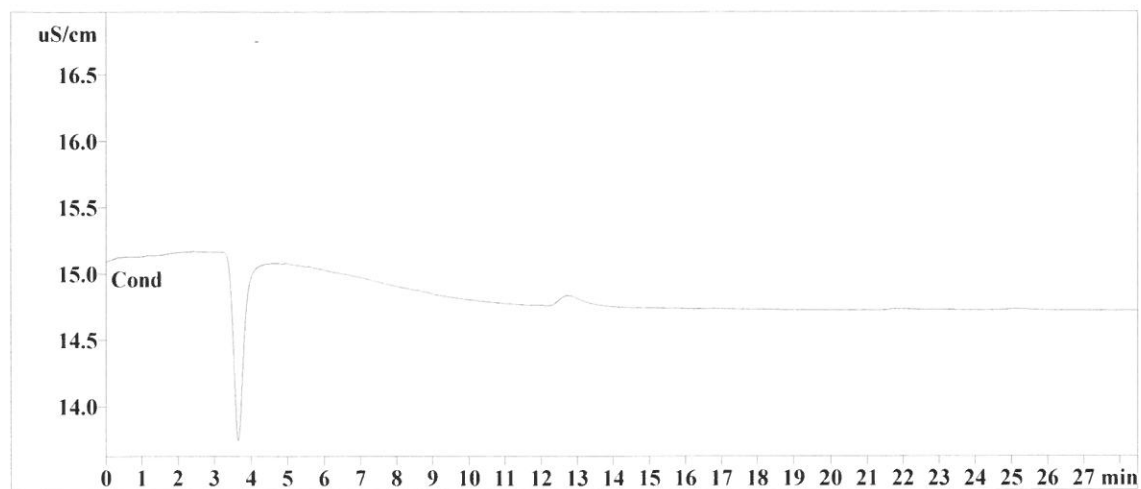
Ident: CCB
Analysis from: 8/2/2019 9:10:35 AM
File: _2019-08-02_

Last save: 8/2/2019 9:38:54 AM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 68199

Last save: 7/15/2019 3:05:48 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: 8/2/2019 3:18:11 PM
Printed by: wet

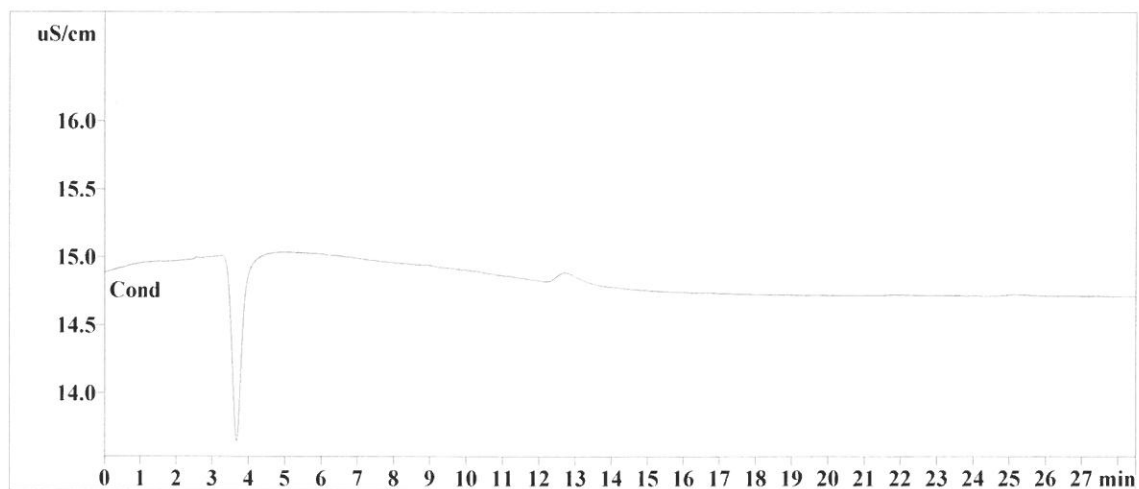
Ident: LB104404BLW
Analysis from: 8/2/2019 9:41:59 AM
File: _2019-08-02_

Last save: 8/2/2019 3:17:50 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 68200

Last save: 7/15/2019 3:05:48 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: 8/2/2019 3:18:21 PM
 Printed by: wet

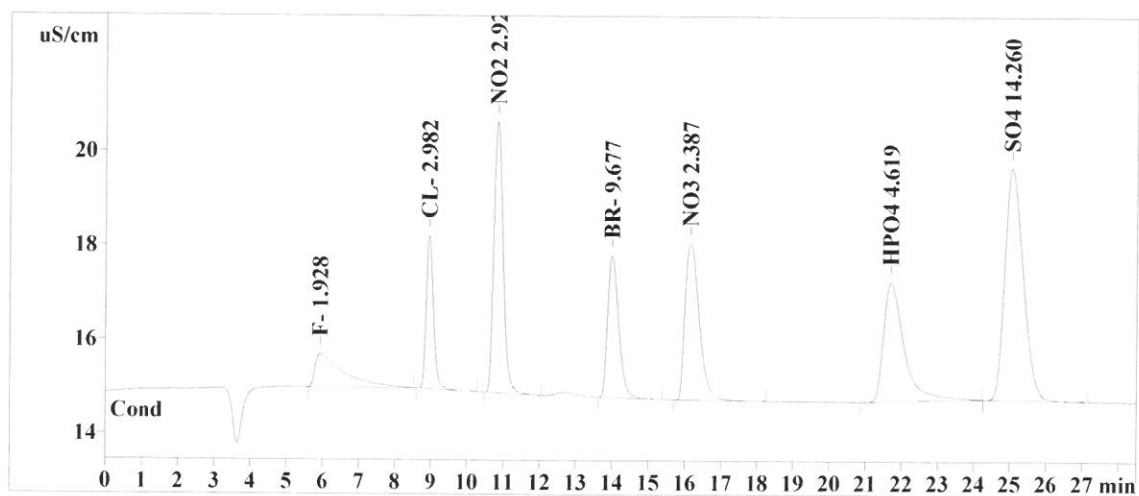
Ident: LB104404BSW
 Analysis from: 8/2/2019 10:13:24 AM
 File: _2019-08-02_

Last save: 8/2/2019 3:17:50 PM

Method: ANIONS 07-15-19.mtw
 Run operator: wet
 Analysis number: 68201

Last save: 7/15/2019 3:05:48 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	5.93	0.736	0.71	3.00	38.384	6.22	0.
2	8.94	0.216	3.25	13.82	45.733	7.41	0.
3	10.82	0.276	5.76	24.51	102.541	16.60	0.
4	13.99	0.335	3.01	12.81	65.179	10.55	0.
5	16.14	0.423	3.32	14.14	91.167	14.76	0.
6	21.69	0.564	2.53	10.76	101.573	16.45	0.
7	25.06	0.549	4.92	20.95	172.982	28.01	0.
7	28.50	0.443	23.50	100.00	617.559	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 8/2/2019 3:19:08 PM
Printed by: wet

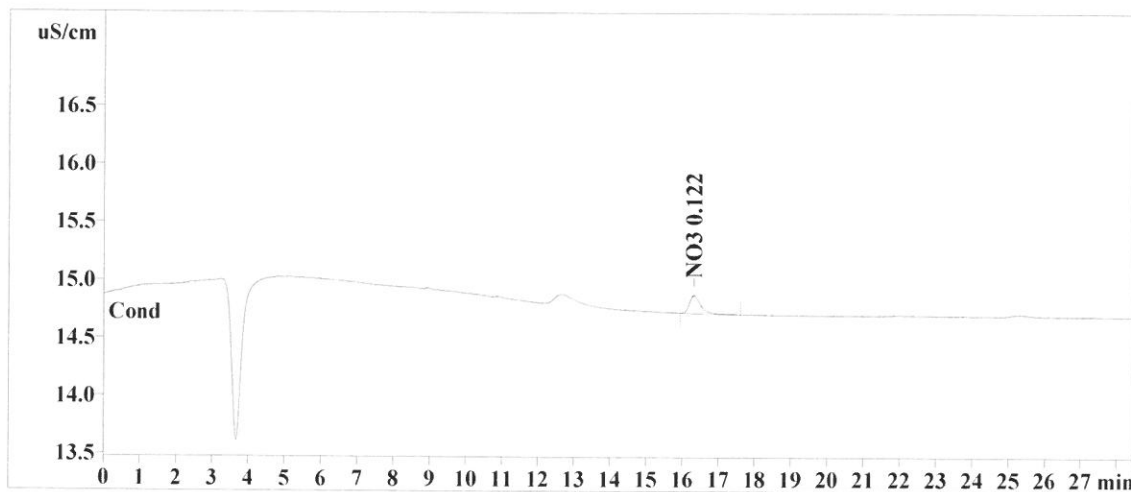
Ident: K4146-01
Analysis from: 8/2/2019 11:15:30 AM
File: _2019-08-02_

Last save: 8/2/2019 3:19:06 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 68203

Last save: 7/15/2019 3:05:48 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	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	16.32	0.313	0.16	99.61	3.385	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	28.50	0.045	0.16	99.61	3.385	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 8/2/2019 3:23:05 PM
Printed by: wet

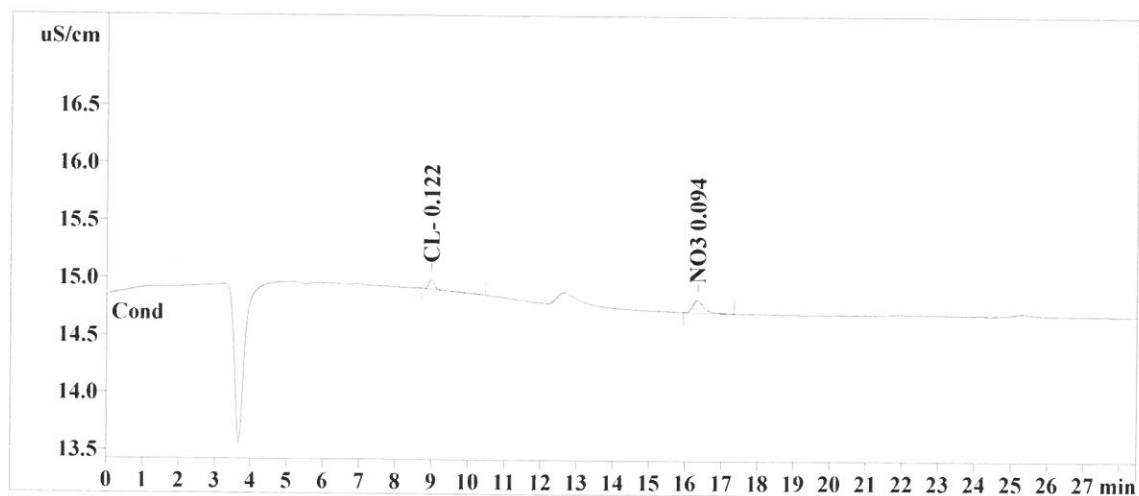
Ident: K4146-02
Analysis from: 8/2/2019 11:46:54 AM
File: _2019-08-02_

Last save: 8/2/2019 3:23:06 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 68204

Last save: 7/15/2019 3:05:48 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	8.98	0.174	0.08	42.67	1.102	32.16	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	16.32	0.316	0.11	56.79	2.324	67.84	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	28.50	0.070	0.19	99.46	3.425	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 8/2/2019 3:25:04 PM
Printed by: wet

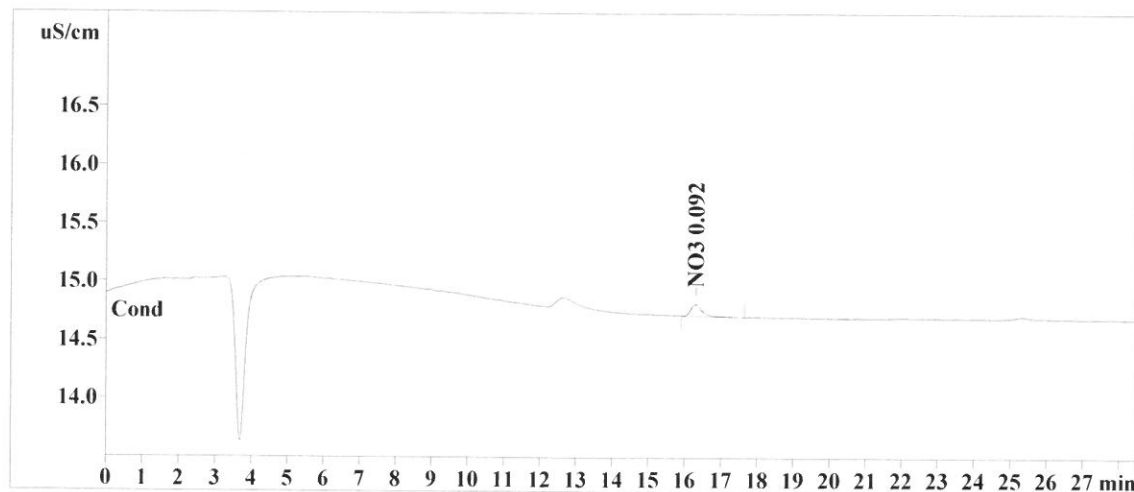
Ident: K4146-03
Analysis from: 8/2/2019 12:18:19 PM
File: _2019-08-02_

Last save: 8/2/2019 3:25:04 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 68205

Last save: 7/15/2019 3:05:48 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	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	16.29	0.316	0.10	99.57	2.239	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	28.50	0.045	0.10	99.57	2.239	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 8/2/2019 3:25:18 PM
Printed by: wet

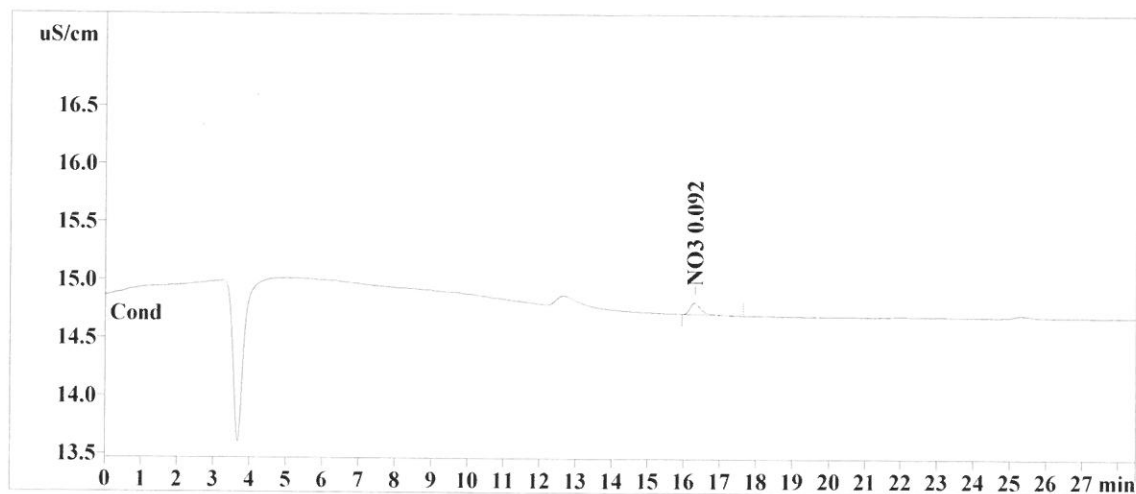
Ident: K4146-03DUP
Analysis from: 8/2/2019 12:49:44 PM
File: _2019-08-02_

Last save: 8/2/2019 1:18:02 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 68206

Last save: 7/15/2019 3:05:48 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	16.29	0.320	0.10	99.46	2.249	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	28.50	0.046	0.10	99.46	2.249	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 8/2/2019 3:25:27 PM
Printed by: wet

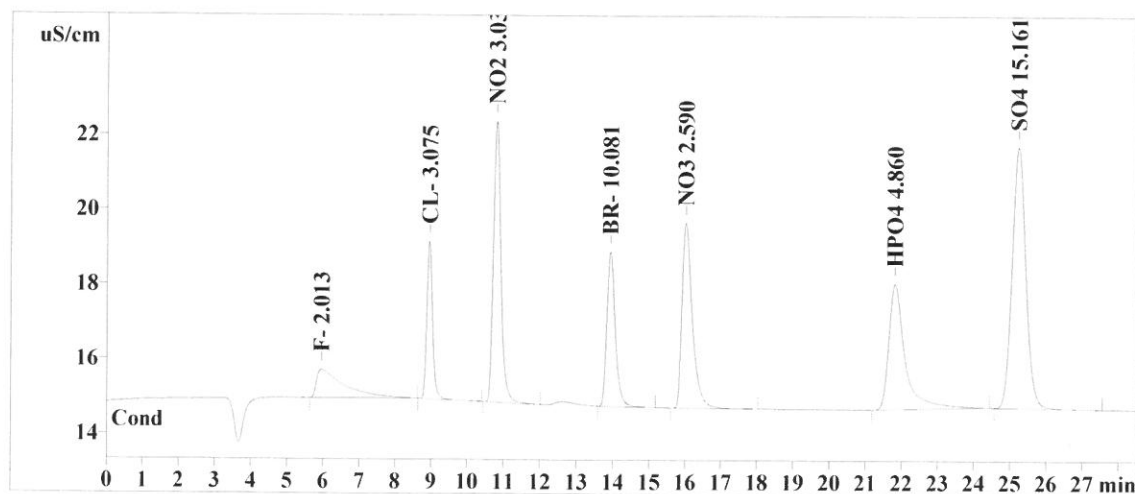
Ident: K4146-03MS
Analysis from: 8/2/2019 1:21:08 PM
File: _2019-08-02_

Last save: 8/2/2019 1:49:28 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 68207

Last save: 7/15/2019 3:05:48 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	5.95	0.715	0.75	2.37	40.193	6.17	0.
2	8.94	0.167	4.21	13.22	47.184	7.25	0.
3	10.79	0.211	7.51	23.57	106.320	16.33	0.
4	13.91	0.245	4.13	12.95	67.983	10.44	0.
5	16.01	0.293	4.94	15.52	99.020	15.21	0.
6	21.81	0.415	3.35	10.50	106.396	16.34	0.
7	25.21	0.402	6.97	21.88	184.035	28.26	0.
7	28.50	0.350	31.87	99.99	651.130	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 8/2/2019 3:25:35 PM
Printed by: wet

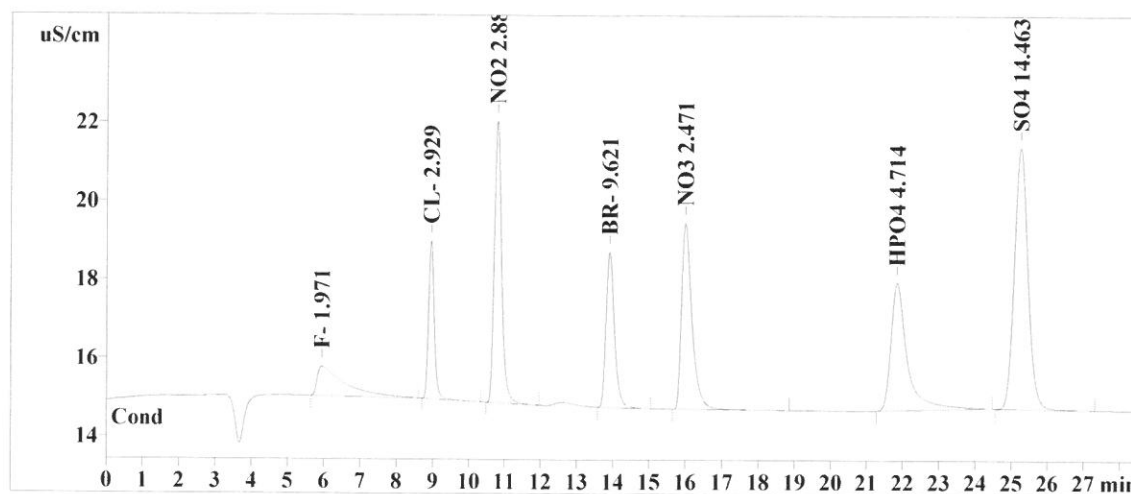
Ident: K4146-03MSD
Analysis from: 8/2/2019 1:52:33 PM
File: _2019-08-02_

Last save: 8/2/2019 2:20:52 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 68208

Last save: 7/15/2019 3:05:48 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	5.95	0.689	0.75	2.46	39.296	6.30	0.
2	8.94	0.167	4.01	13.15	44.894	7.20	0.
3	10.78	0.210	7.17	23.51	101.197	16.23	0.
4	13.89	0.245	3.95	12.95	64.794	10.39	0.
5	15.99	0.292	4.73	15.52	94.427	15.14	0.
6	21.83	0.416	3.24	10.63	103.472	16.59	0.
7	25.23	0.402	6.65	21.78	175.473	28.14	0.
7	28.50	0.346	30.52	99.99	623.552	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 8/2/2019 3:25:46 PM
Printed by: wet

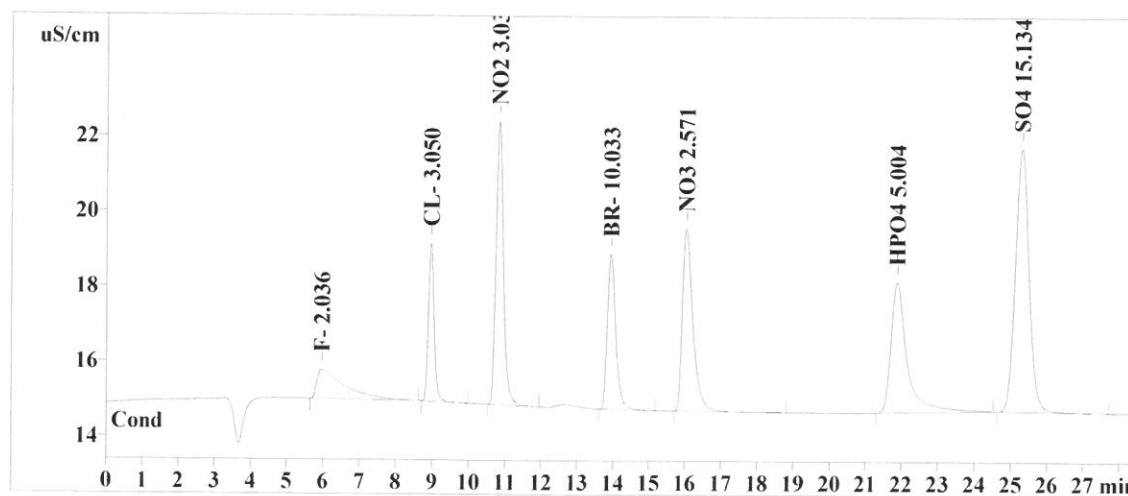
Ident: CCV
Analysis from: 8/2/2019 2:23:57 PM
File: _2019-08-02_

Last save: 8/2/2019 2:52:16 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 68209

Last save: 7/15/2019 3:05:48 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	5.97	0.720	0.77	2.41	40.677	6.23	0.
2	8.95	0.166	4.20	13.15	46.786	7.17	0.
3	10.81	0.211	7.52	23.57	106.445	16.31	0.
4	13.92	0.244	4.13	12.93	67.649	10.36	0.
5	16.03	0.298	4.84	15.17	98.281	15.06	0.
6	21.87	0.412	3.47	10.86	109.264	16.74	0.
7	25.27	0.399	6.99	21.91	183.697	28.14	0.
7	28.50	0.350	31.92	99.99	652.799	100.00	0.

This report has been created by IC Net
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Report date: 8/2/2019 3:25:56 PM
Printed by: wet

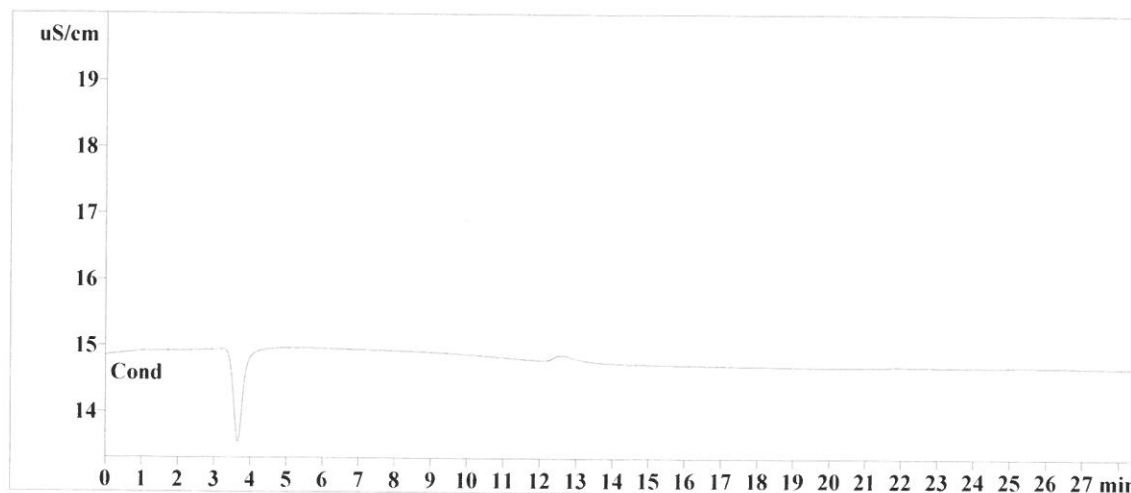
Ident: CCB
Analysis from: 8/2/2019 2:55:22 PM
File: _2019-08-02_

Last save: 8/2/2019 3:23:40 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 68210

Last save: 7/15/2019 3:05:48 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