

LOD/LOQ

IC-1 9056 A 301C

3-7-19 AP

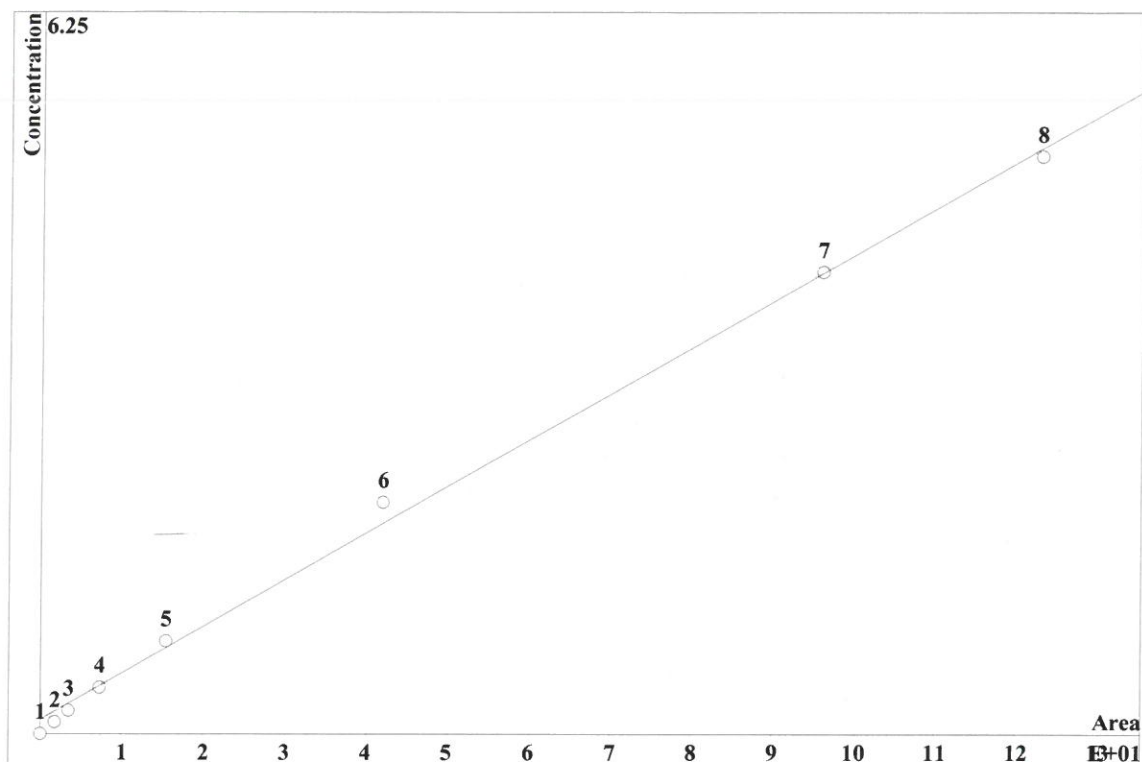
Clear table

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	2019-03-05_	3/5/19 16:02		AK/AP
STD2	0.1950	0.2100	0.2250	0.7370	0.1900	0.0560	1.2360	2019-03-05_	3/5/19 16:31		AK/AP
STD3	0.2630	0.3490	0.3570	1.1810	0.3000	0.4170	1.8370	2019-03-05_	3/5/19 17:01		AK/AP
STD4	0.4150	0.6220	0.6150	2.0530	0.5150	1.0860	3.1590	2019-03-05_	3/5/19 17:30		AK/AP
STD5	0.7440	1.1630	1.1610	3.8570	0.9630	2.1770	5.7470	2019-03-05_	3/5/19 18:00		AK/AP
STD6	1.8190	2.8790	2.8470	9.5650	2.3800	5.1210	14.0260	2019-03-05_	3/5/19 18:29		AK/AP
STD7	3.9910	5.9160	5.9430	19.7310	4.9180	9.8910	29.5330	2019-03-05_	3/5/19 18:59		AK/AP
STD8	5.0720	7.6110	7.6010	25.3750	6.3580	12.5020	38.2110	2019-03-05_	3/5/19 19:28		AK/AP
ICV	2.0300	2.9500	2.9330	9.6960	2.4100	5.4390	14.2470	2019-03-05_	3/5/19 19:57		AK/AP
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-03-05_	3/5/19 20:27		AK/AP
CCV	2.0200	2.9190	2.8580	9.6890	2.4180	5.2800	14.2310	2019-03-07_	3/7/19 8:38		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-03-07_	3/7/19 9:08		AK/AP
LB101260BLS	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-03-07_	3/7/19 9:37	5.00mg/L	AK/AP
LB101260BSS	1.9730	2.9520	2.9610	9.8410	2.4310	5.4700	14.4200	2019-03-07_	3/7/19 11:26	5.01mg/L	AK/AP
K1560-01	0.1550	0.2040	0.1580	0.5540	0.1490	-0.0950	1.0610	2019-03-07_	3/7/19 12:11	5.03mg/L	AK/AP
K1560-01RE	0.1910	0.2380	0.2270	0.7620	0.2000	0.1240	1.2650	2019-03-07_	3/7/19 13:09	5.00mg/L	AK/AP
K1560-02	0.2490	0.3380	0.3540	1.1790	0.3010	0.4970	1.8560	2019-03-07_	3/7/19 14:08	5.00mg/L	AK/AP
CCV	1.9380	2.8670	2.8400	9.5790	2.3520	5.2880	13.9680	2019-03-07_	3/7/19 14:48		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-03-07_	3/7/19 15:28		AK/AP

CALIBRATION OF COMPONENT F-

Method: ANIONS 03-05-19.mtw
 Equation: $Q = 0.804925 \cdot A + 2.50321$
 RSD: 5.846 %
 Correlation coefficient: 0.998841

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 Col 03-05-19
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K3 = 0 K2 = 0 K1 = 0.804925 K0 = 2.50321

Base: Area

Ref.channel: Cond

ISTD:

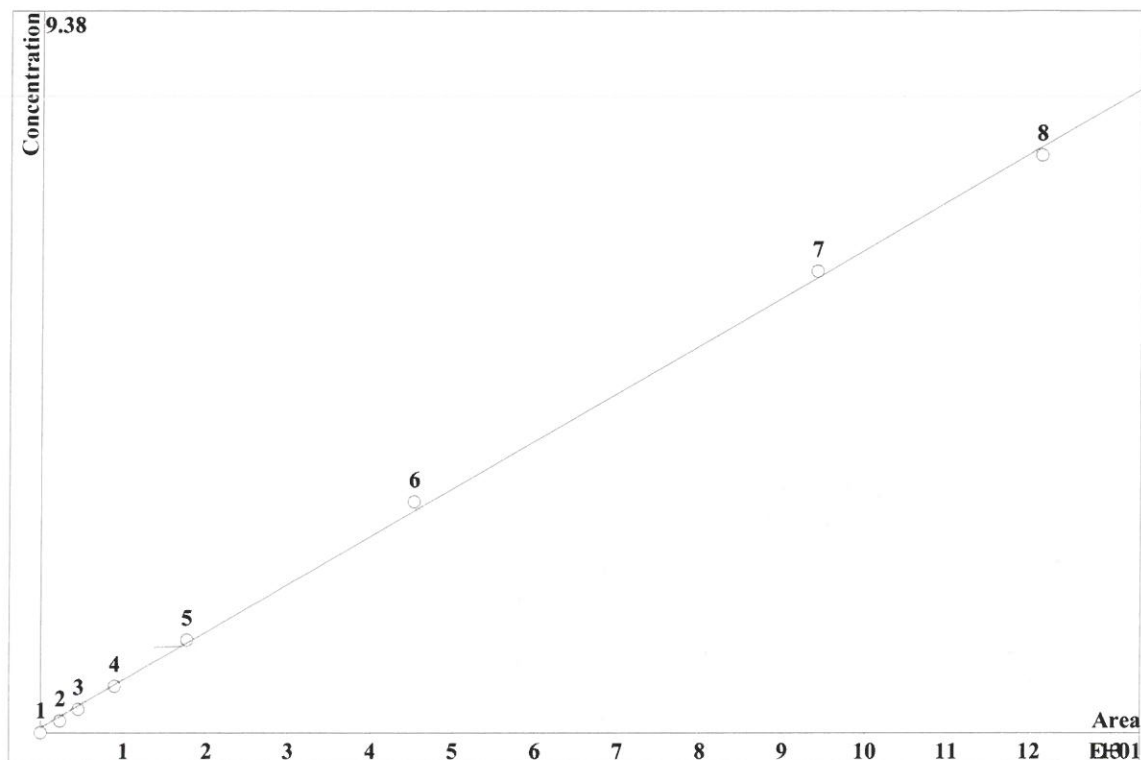
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0		0	No
2	0.05848	1.744	0.1	20	5.913			Yes
3	0.1245	3.437	0.2	20	5.913			Yes
4	0.2695	7.209	0.4	20	5.913			Yes
5	0.5744	15.37	0.8	20	5.913			Yes
6	1.596	42.09	2	20	5.913			Yes
7	3.504	96.06	4	20	5.913			Yes
8	4.463	122.9	5	20	5.913			Yes

CALIBRATION OF COMPONENT CL-

Method: ANIONS 03-05-19.mtw
 Equation: $Q = 1.24374 \cdot A + 1.27387$
 RSD: 3.431 %
 Correlation coefficient: 0.999601



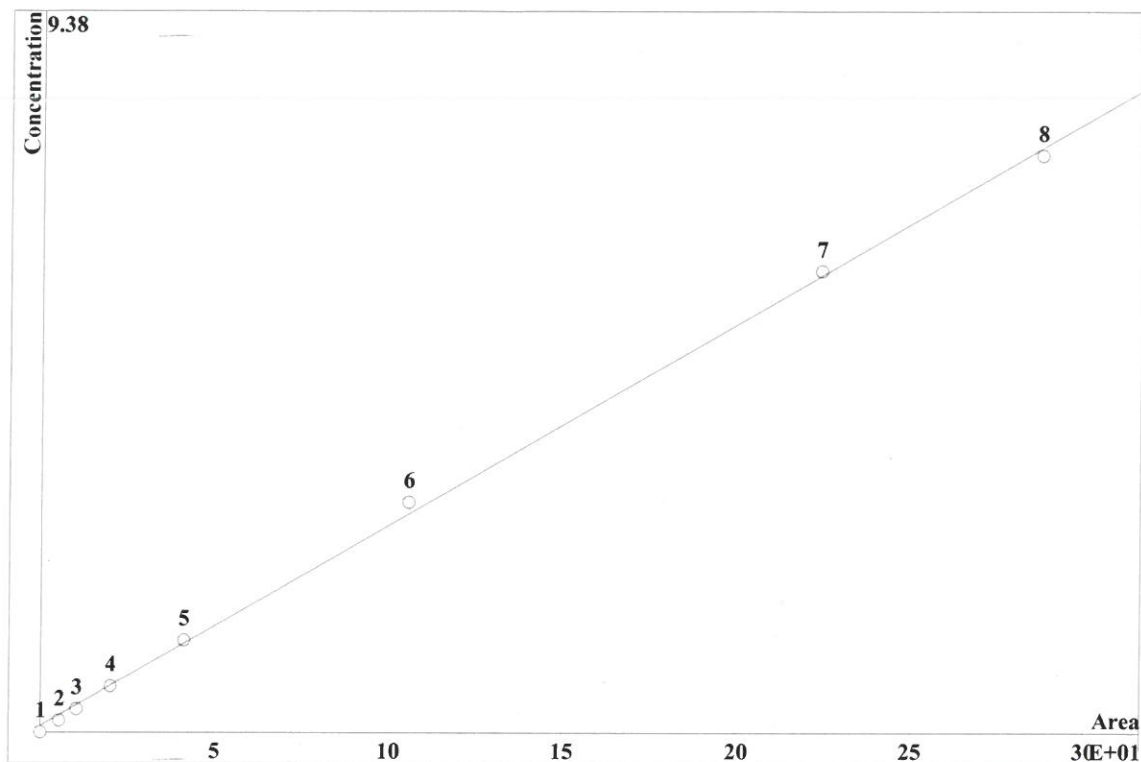
K3 = 0 K2 = 0 K1 = 1.24374 K0 = 1.27387

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	0.1378	2.359	0.15	20	8.858			Yes
3	0.2672	4.595	0.3	20	8.858			Yes
4	0.5199	8.974	0.6	20	8.858			Yes
5	1.042	17.67	1.2	20	8.858			Yes
6	2.693	45.27	3	20	8.858			Yes
7	5.632	94.1	6	20	8.858			Yes
8	7.317	121.4	7.5	20	8.858			Yes

CALIBRATION OF COMPONENT NO2

Method: ANIONS 03-05-19.mtw
 Equation: $Q = 0.523191 \cdot A + 1.70358$
 RSD: 3.640 %
 Correlation coefficient: 0.999551



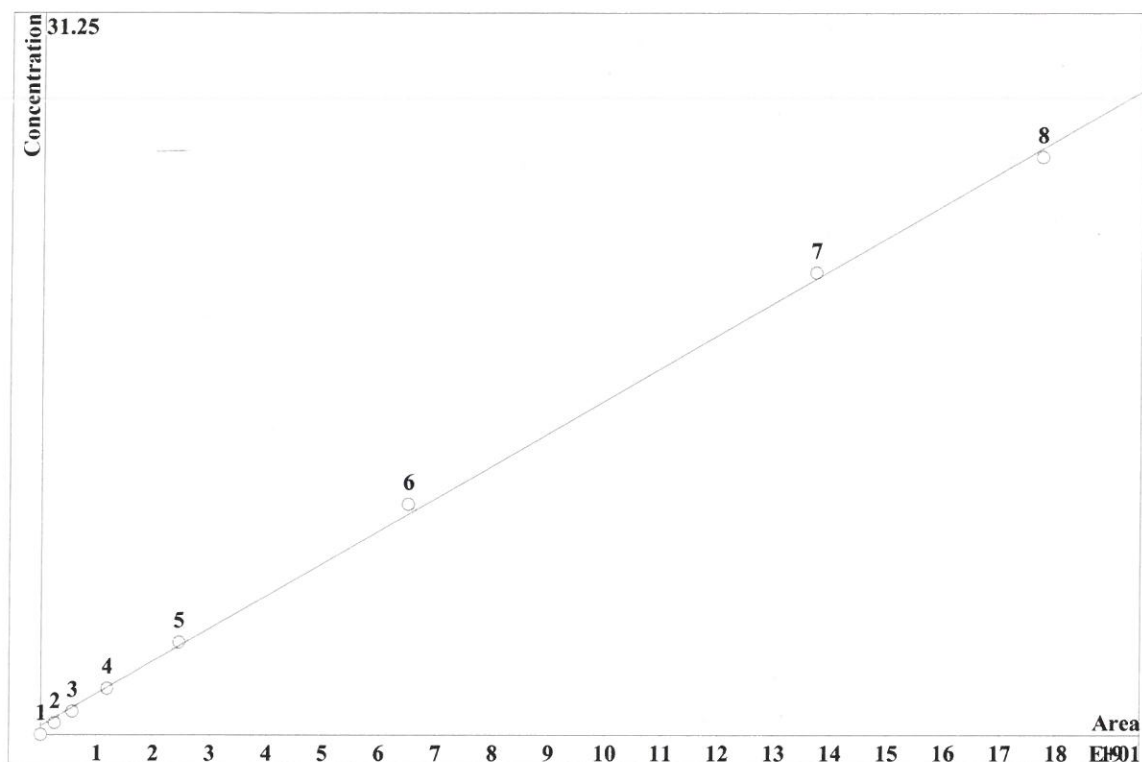
K3 = 0 K2 = 0 K1 = 0.523191 K0 = 1.70358

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	0.2585	5.357	0.15	20	10.65			Yes
3	0.5158	10.38	0.3	20	10.65			Yes
4	1.042	20.25	0.6	20	10.65			Yes
5	2.128	41.14	1.2	20	10.65			Yes
6	5.551	105.6	3	20	10.65			Yes
7	11.6	223.9	6	20	10.65			Yes
8	14.93	287.3	7.5	20	10.65			Yes

CALIBRATION OF COMPONENT BR-

Method: ANIONS 03-05-19.mtw
 Equation: $Q = 2.82009 \cdot A + 7.76849$
 RSD: 3.594 %
 Correlation coefficient: 0.999562



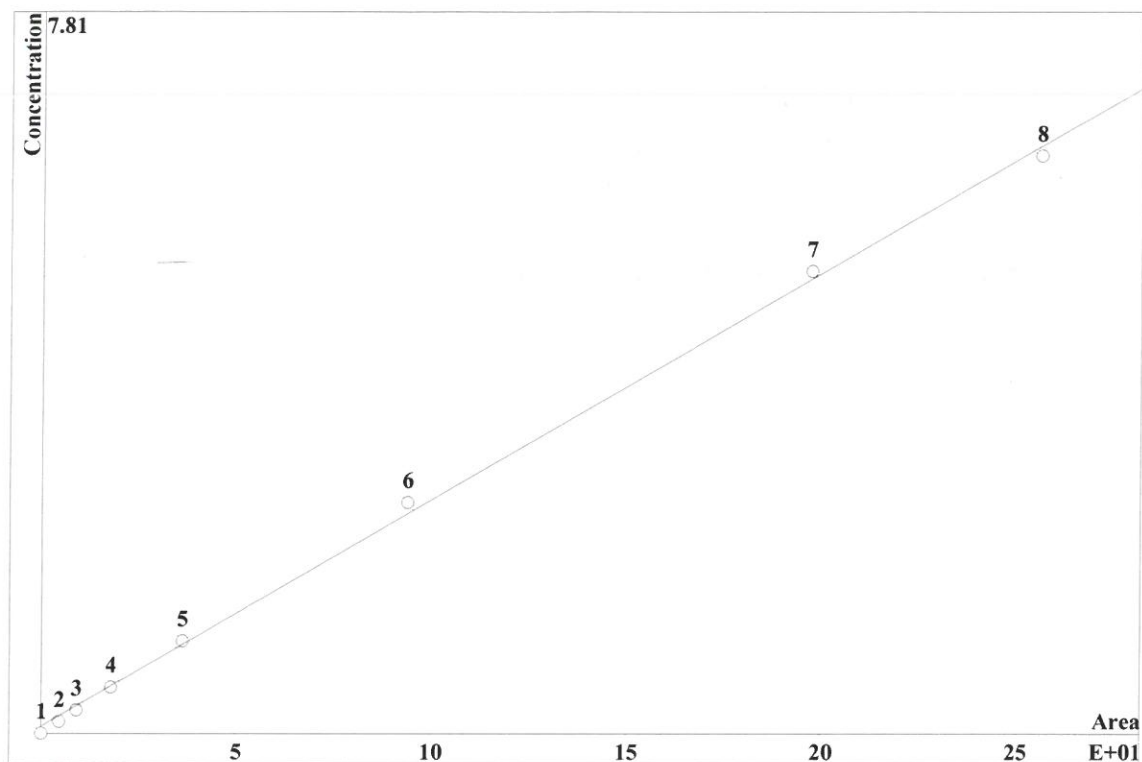
K3 = 0 K2 = 0 K1 = 2.82009 K0 = 7.76849

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	0.1234	2.473	0.5	20	13.72			Yes
3	0.2646	5.624	1	20	13.72			Yes
4	0.5553	11.81	2	20	13.72			Yes
5	1.14	24.6	4	20	13.72			Yes
6	2.942	65.08	10	20	13.72			Yes
7	5.927	137.2	20	20	13.72			Yes
8	7.449	177.2	25	20	13.72			Yes

CALIBRATION OF COMPONENT NO3

Method: ANIONS 03-05-19.mtw
 Equation: $Q = 0.490563 \cdot A + 1.54373$
 RSD: 4.068 %
 Correlation coefficient: 0.999439



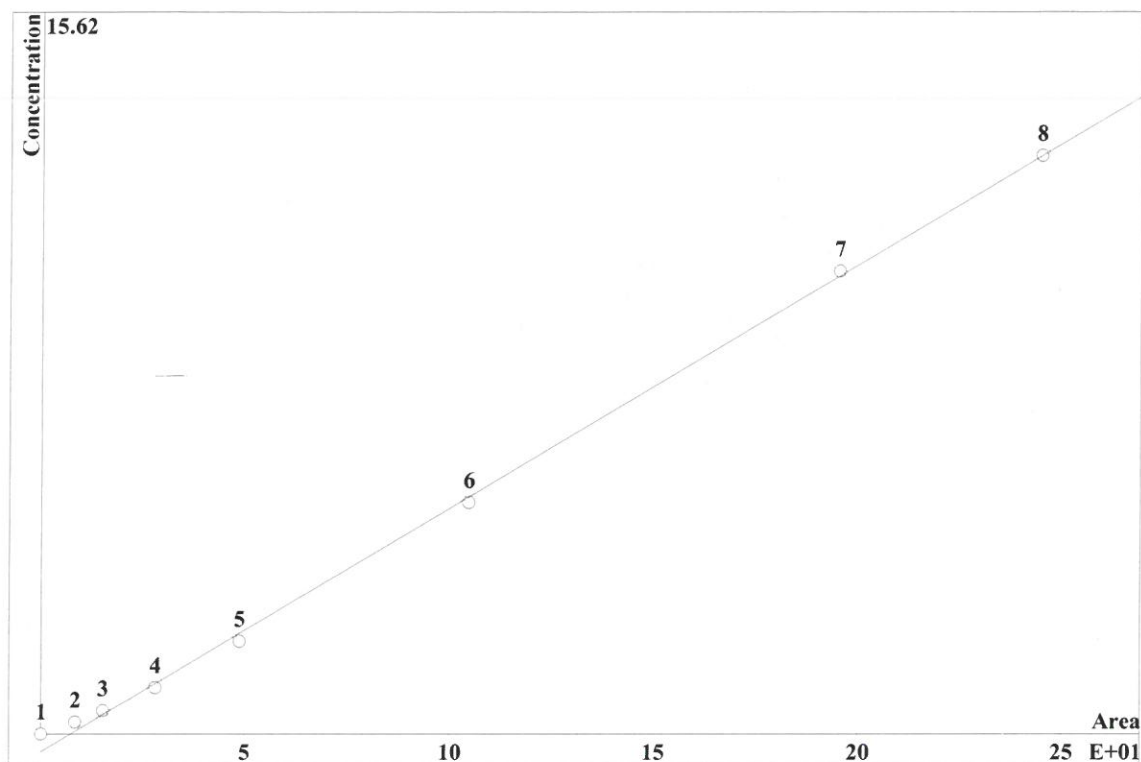
K3 = 0 K2 = 0 K1 = 0.490563 K0 = 1.54373

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	0.1812	4.602	0.125	20	15.65			Yes
3	0.3607	9.092	0.25	20	15.65			Yes
4	0.7284	17.86	0.5	20	15.65			Yes
5	1.48	36.13	1	20	15.65			Yes
6	3.872	93.87	2.5	20	15.65			Yes
7	8.278	197.4	5	20	15.65			Yes
8	10.82	256.1	6.25	20	15.65			Yes

CALIBRATION OF COMPONENT HPO4

Method: ANIONS 03-05-19.mtw
 Equation: $Q = 1.05291 \cdot A - 7.73973$
 RSD: 3.321 %
 Correlation coefficient: 0.999626



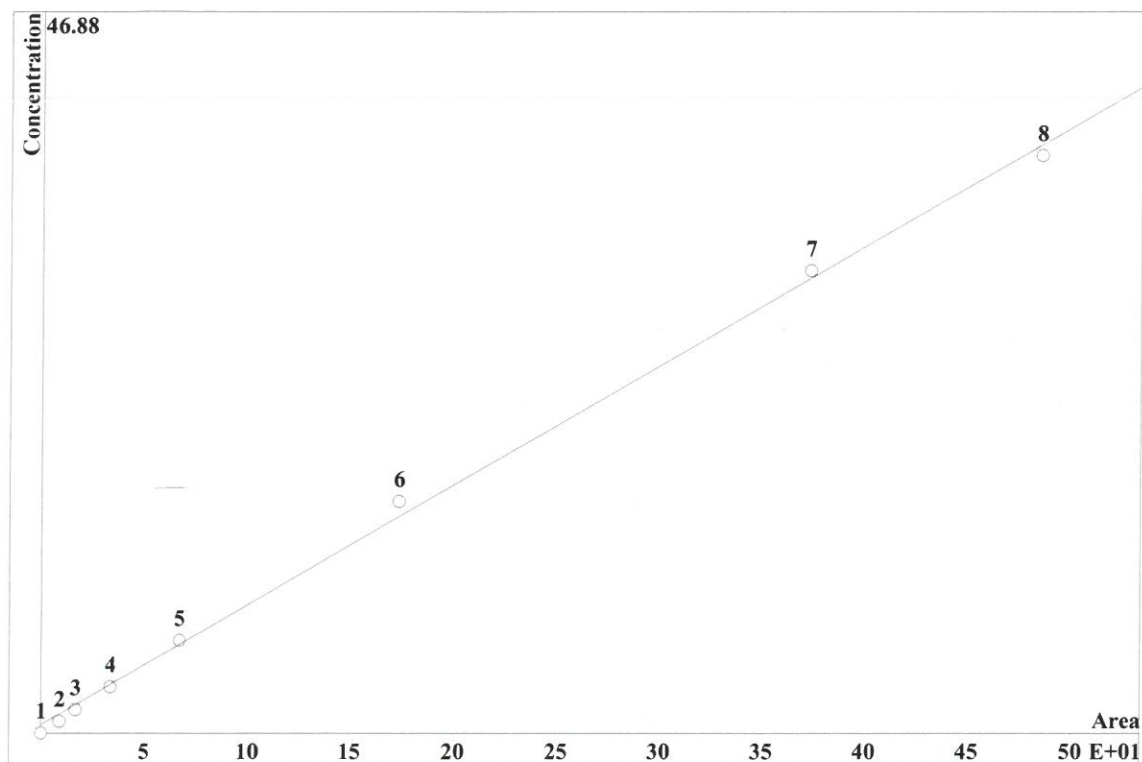
K3 = 0 K2 = 0 K1 = 1.05291 K0 = -7.73973

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	0.185	8.412	0.25	20	21.48	Yes		
3	0.3481	15.27	0.5	20	21.48	Yes		
4	0.6551	27.98	1	20	21.48	Yes		
5	1.199	48.71	2	20	21.48	Yes		
6	2.752	104.6	5	20	21.48	Yes		
7	5.446	195.2	10	20	21.48	Yes		
8	6.973	244.8	12.5	20	21.48	Yes		

CALIBRATION OF COMPONENT SO4

Method: ANIONS 03-05-19.mtw
 Equation: $Q = 1.55143 \cdot A + 10.9562$
 RSD: 4.851 %
 Correlation coefficient: 0.999202



K3 = 0 K2 = 0 K1 = 1.55143 K0 = 10.9562

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	0.276	8.873	0.75	20	25.17			Yes
3	0.539	16.62	1.5	20	25.17			Yes
4	1.084	33.66	3	20	25.17			Yes
5	2.197	67.03	6	20	25.17			Yes
6	5.818	173.8	15	20	25.17			Yes
7	12.54	373.7	30	20	25.17			Yes
8	16.37	485.5	37.5	20	25.17			Yes

Report date: 3/6/2019 8:51:35 AM
Printed by: wet

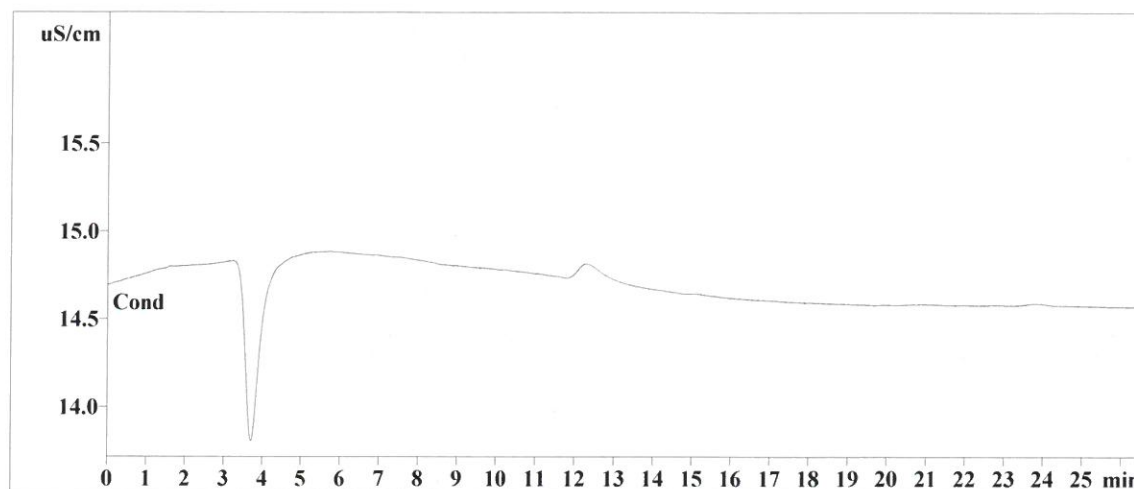
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File: _2019-03-05_

Last save: 3/6/2019 8:40:40 AM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 65511

Last save: 3/5/2019 7:25:20 PM

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: 3/6/2019 8:51:47 AM
Printed by: wet

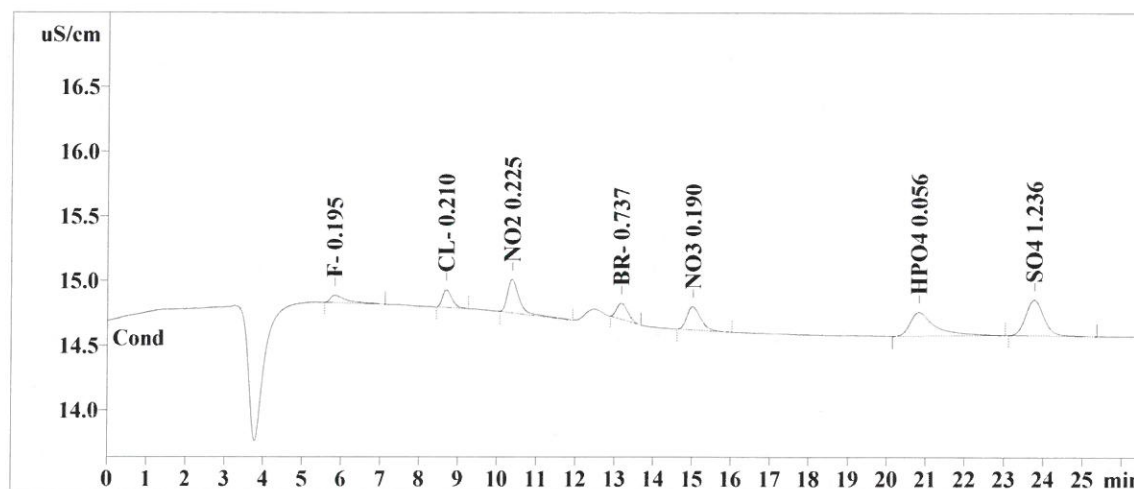
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File: _2019-03-05_

Last save: 3/6/2019 8:40:40 AM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 65512

Last save: 3/5/2019 7:25:20 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	5.82	0.390	0.06	4.74	1.744	5.16	0.
2	8.70	0.260	0.14	11.22	2.359	6.98	0.
3	10.38	0.289	0.26	21.16	5.357	15.84	0.
4	13.17	0.321	0.12	10.08	2.473	7.31	0.
5	15.01	0.385	0.18	14.80	4.602	13.61	0.
6	20.82	0.594	0.18	15.11	8.412	24.87	0.
7	23.76	0.483	0.28	22.57	8.873	26.24	0.
7	26.50	0.389	1.22	99.68	33.820	100.00	0.

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Report date: 3/6/2019 8:51:55 AM
Printed by: wet

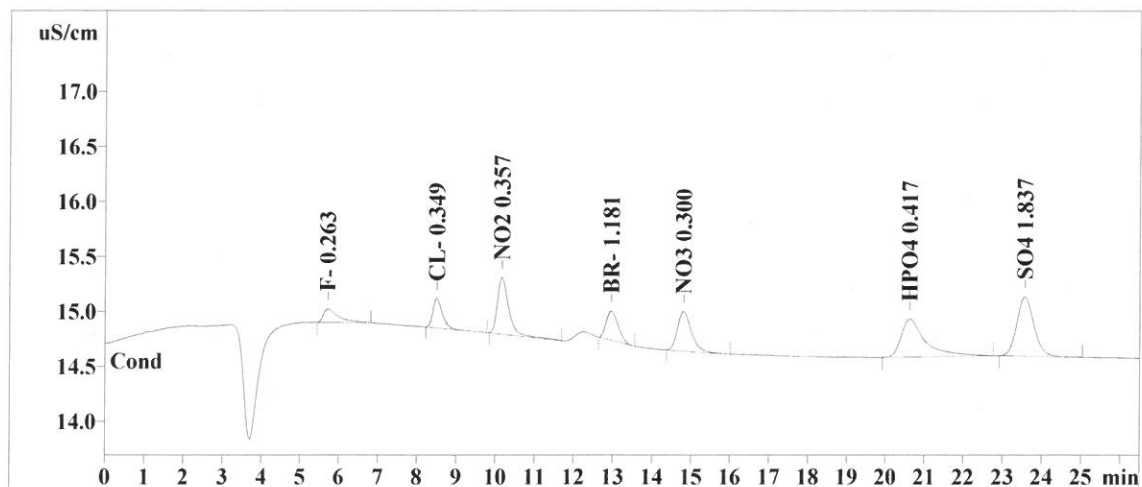
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File: _2019-03-05_

Last save: 3/6/2019 8:40:40 AM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 65513

Last save: 3/5/2019 7:25:20 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.70	0.378	0.12	5.12	3.437	5.29	0.
2	8.50	0.257	0.27	11.02	4.595	7.07	0.
3	10.16	0.287	0.52	21.30	10.378	15.96	0.
4	12.96	0.336	0.26	10.91	5.624	8.65	0.
5	14.80	0.381	0.36	14.90	9.092	13.99	0.
6	20.62	0.573	0.35	14.37	15.268	23.49	0.
7	23.56	0.469	0.54	22.25	16.617	25.56	0.
7	26.50	0.383	2.42	99.87	65.009	100.00	0.

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Report date: 3/6/2019 8:52:02 AM
Printed by: wet

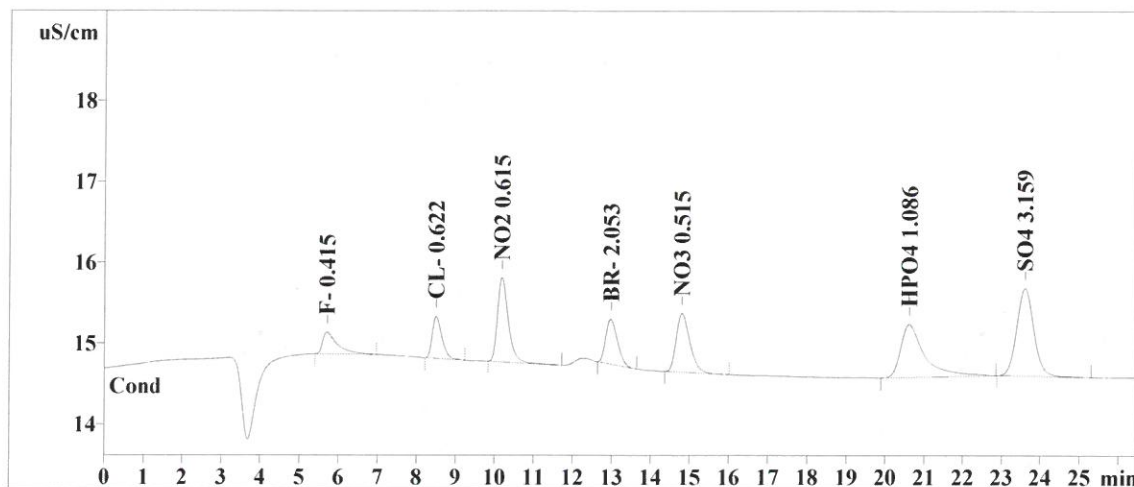
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File: _2019-03-05_

Last save: 3/6/2019 8:40:40 AM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 65514

Last save: 3/5/2019 7:25:20 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	5.69	0.365	0.27	5.54	7.209	5.64	0.
2	8.50	0.262	0.52	10.69	8.974	7.03	0.
3	10.18	0.286	1.04	21.47	20.252	15.85	0.
4	12.97	0.334	0.55	11.43	11.807	9.24	0.
5	14.80	0.374	0.73	14.99	17.858	13.98	0.
6	20.61	0.561	0.65	13.48	27.979	21.90	0.
7	23.59	0.471	1.08	22.32	33.663	26.35	0.
7	26.50	0.379	4.85	99.92	127.743	100.00	0.

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Report date: 3/6/2019 8:52:08 AM
Printed by: wet

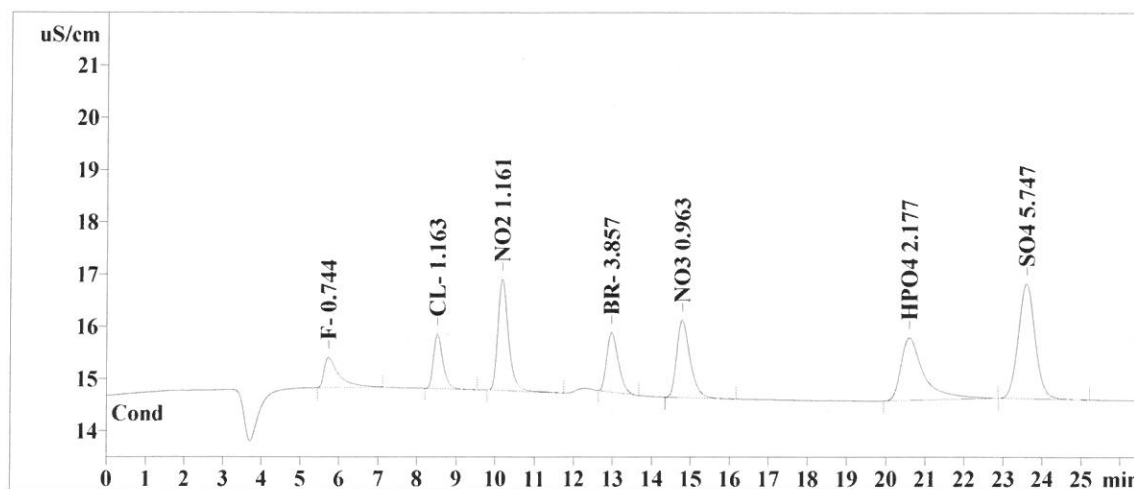
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Analysis from: 3/5/2019 6:00:09 PM
File: _2019-03-05_

Last save: 3/6/2019 8:40:40 AM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 65515

Last save: 3/5/2019 7:25:20 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.71	0.363	0.57	5.87	15.370	6.13	0.
2	8.51	0.254	1.04	10.68	17.672	7.05	0.
3	10.17	0.284	2.13	21.80	41.139	16.41	0.
4	12.97	0.337	1.14	11.68	24.601	9.82	0.
5	14.78	0.370	1.48	15.16	36.130	14.41	0.
6	20.59	0.537	1.20	12.29	48.709	19.43	0.
7	23.57	0.465	2.20	22.50	67.028	26.74	0.
7	26.50	0.373	9.76	99.98	250.651	100.00	0.

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Report date: 3/6/2019 8:52:15 AM
Printed by: wet

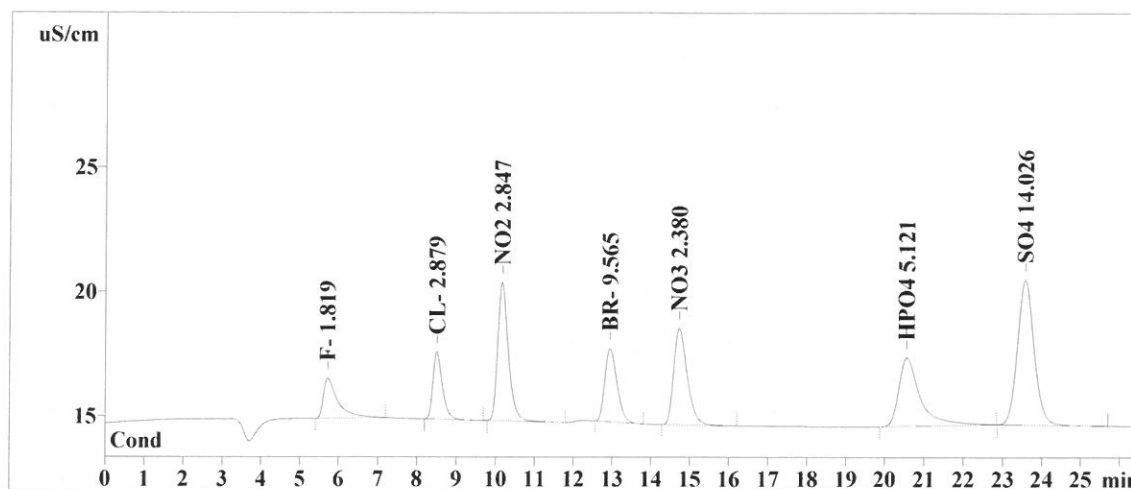
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File: _2019-03-05_

Last save: 3/6/2019 8:40:40 AM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 65516

Last save: 3/5/2019 7:25:20 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.71	0.358	1.60	6.32	42.090	6.68	0.
2	8.50	0.251	2.69	10.67	45.265	7.18	0.
3	10.15	0.282	5.55	22.00	105.573	16.75	0.
4	12.94	0.345	2.94	11.66	65.077	10.33	0.
5	14.72	0.367	3.87	15.35	93.867	14.89	0.
6	20.56	0.508	2.75	10.91	104.625	16.60	0.
7	23.56	0.454	5.82	23.06	173.754	27.57	0.
7	26.50	0.366	25.22	99.99	630.251	100.00	0.

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Report date: 3/6/2019 8:52:22 AM
Printed by: wet

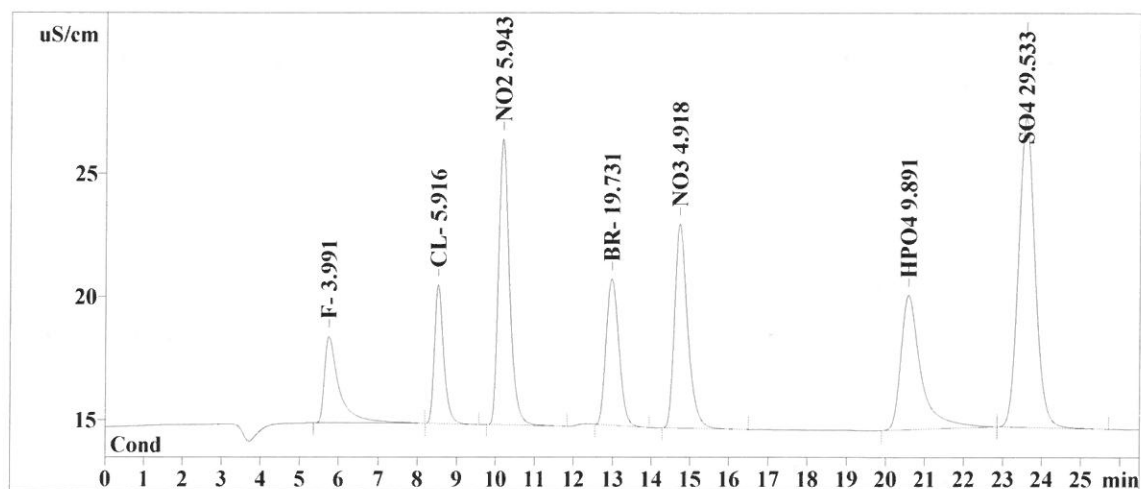
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Analysis from: 3/5/2019 6:59:00 PM
File: _2019-03-05_

Last save: 3/6/2019 8:40:40 AM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 65517

Last save: 3/5/2019 7:25:20 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	5.73	0.357	3.50	6.62	96.056	7.29	0.
2	8.53	0.249	5.63	10.64	94.102	7.14	0.
3	10.17	0.287	11.60	21.91	223.939	17.00	0.
4	12.97	0.363	5.93	11.20	137.180	10.41	0.
5	14.72	0.358	8.28	15.64	197.370	14.98	0.
6	20.57	0.486	5.45	10.29	195.238	14.82	0.
7	23.58	0.452	12.54	23.69	373.664	28.36	0.
7	26.50	0.365	52.92	100.00	1317.548	100.00	0.

This report has been created by IC Net
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Report date: 3/6/2019 8:52:32 AM
Printed by: wet

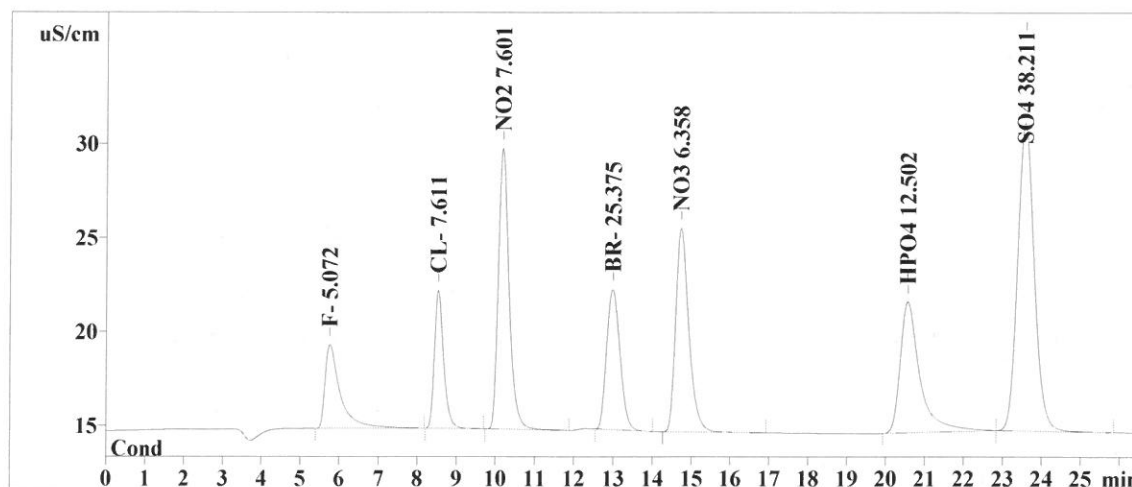
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Last save: 3/6/2019 8:41:52 AM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 65518

Last save: 3/6/2019 8:41:34 AM

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	5.75	0.366	4.46	6.53	122.913	7.25	0.
2	8.53	0.247	7.32	10.71	121.372	7.16	0.
3	10.17	0.285	14.93	21.85	287.324	16.95	0.
4	12.98	0.375	7.45	10.90	177.205	10.45	0.
5	14.71	0.356	10.82	15.84	256.077	15.11	0.
6	20.55	0.478	6.97	10.21	244.820	14.44	0.
7	23.56	0.451	16.37	23.95	485.529	28.64	0.
7	26.50	0.365	68.32	100.00	1695.239	100.00	0.

This report has been created by IC Net
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Report date: 3/6/2019 8:52:42 AM
Printed by: wet

Ident: ICV
Analysis from: 3/5/2019 7:57:50 PM
File: _2019-03-05_

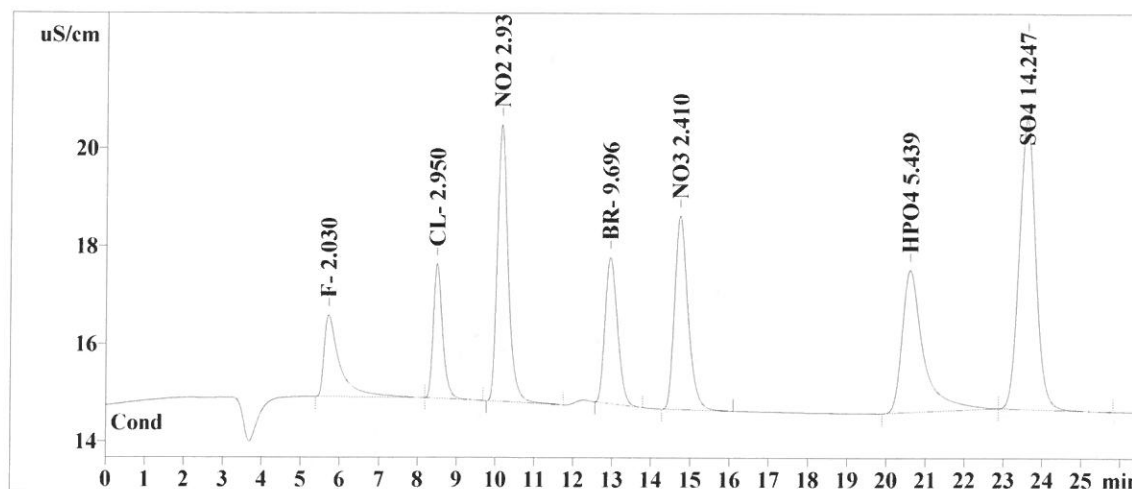
Last save: 3/6/2019 8:41:52 AM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 65519

Last save: 3/6/2019 8:41:34 AM

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	5.70	0.364	1.66	6.43	47.318	7.27	0.
2	8.48	0.252	2.75	10.63	46.407	7.13	0.
3	10.14	0.284	5.66	21.88	108.852	16.72	0.
4	12.94	0.345	2.99	11.56	66.007	10.14	0.
5	14.72	0.364	3.95	15.29	95.092	14.61	0.
6	20.59	0.509	2.91	11.25	110.672	17.00	0.
7	23.58	0.452	5.93	22.95	176.602	27.13	0.
7	26.50	0.367	25.85	99.99	650.950	100.00	0.

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Report date: 3/6/2019 8:52:53 AM
Printed by: wet

Ident: ICB
Analysis from: 3/5/2019 8:27:15 PM
File: _2019-03-05_

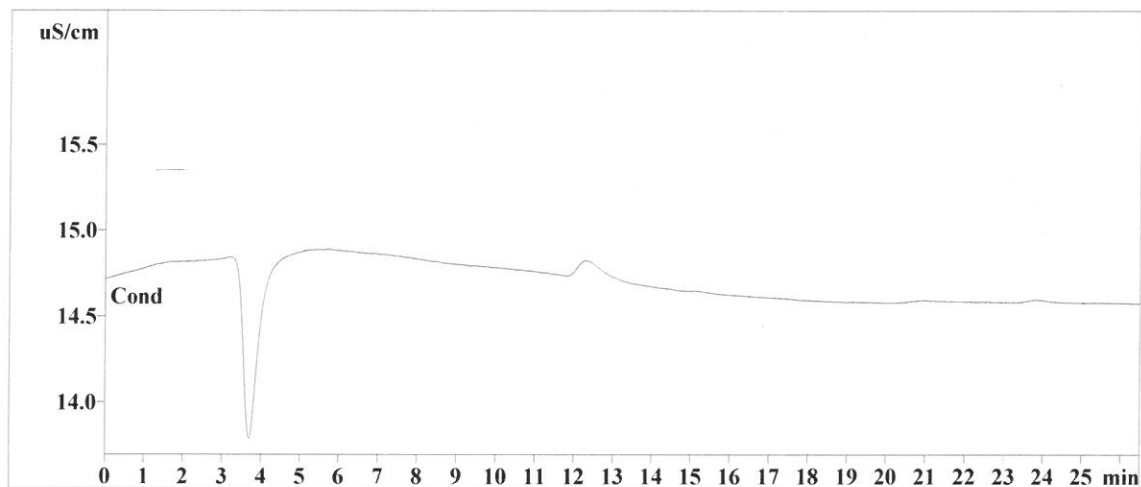
Last save: 3/6/2019 8:41:52 AM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 65520

Last save: 3/6/2019 8:41:34 AM

SAMPLE:

: AK/AP
Vial number: 11
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: 3/8/2019 1:00:46 PM
Printed by: wet

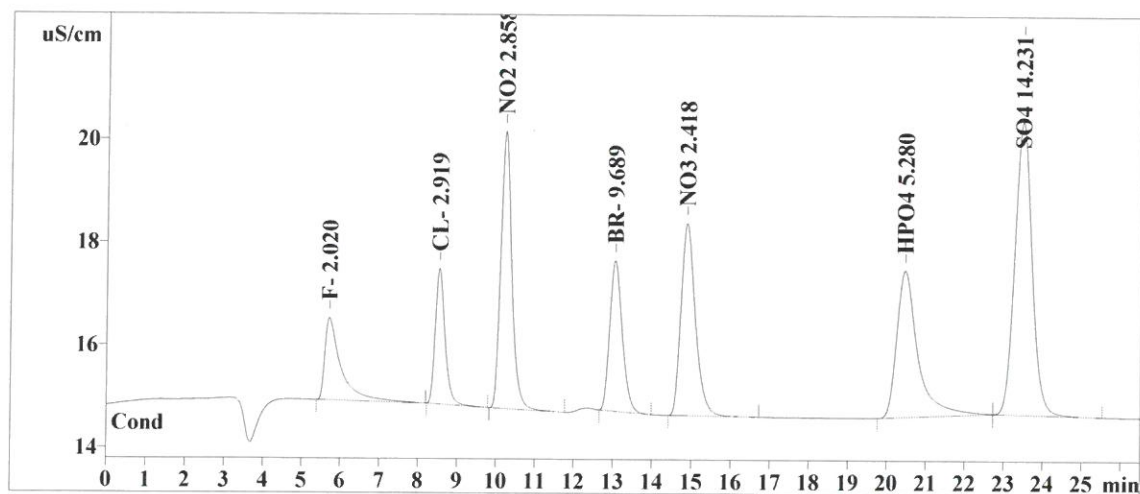
Ident: CCV
Analysis from: 3/7/2019 8:38:36 AM
File: _2019-03-07_

Last save: 3/7/2019 9:04:56 AM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 65560

Last save: 3/6/2019 8:41:34 AM

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	5.70	0.380	1.60	6.43	47.090	7.31	0.
2	8.53	0.261	2.63	10.59	45.920	7.13	0.
3	10.20	0.294	5.39	21.70	105.984	16.45	0.
4	13.04	0.347	2.93	11.78	65.957	10.23	0.
5	14.86	0.387	3.73	15.04	95.440	14.81	0.
6	20.44	0.512	2.85	11.48	107.639	16.70	0.
7	23.45	0.471	5.70	22.95	176.398	27.37	0.
7	26.50	0.379	24.83	99.99	644.428	100.00	0.

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Report date: 3/8/2019 1:00:55 PM
Printed by: wet

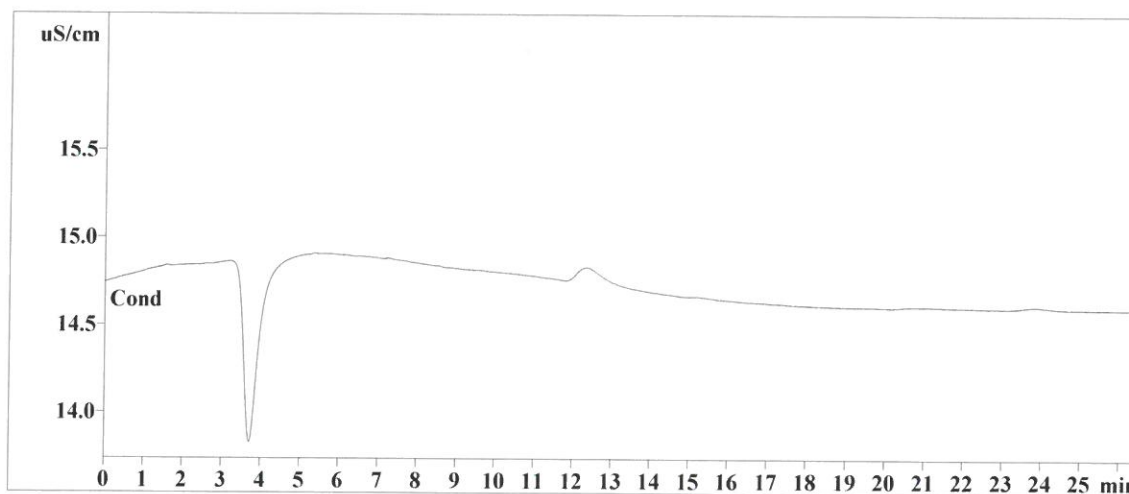
Ident: CCB
Analysis from: 3/7/2019 9:08:02 AM
File: _2019-03-07_

Last save: 3/7/2019 9:34:22 AM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 65561

Last save: 3/6/2019 8:41:34 AM

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
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Report date: 3/8/2019 1:01:02 PM
Printed by: wet

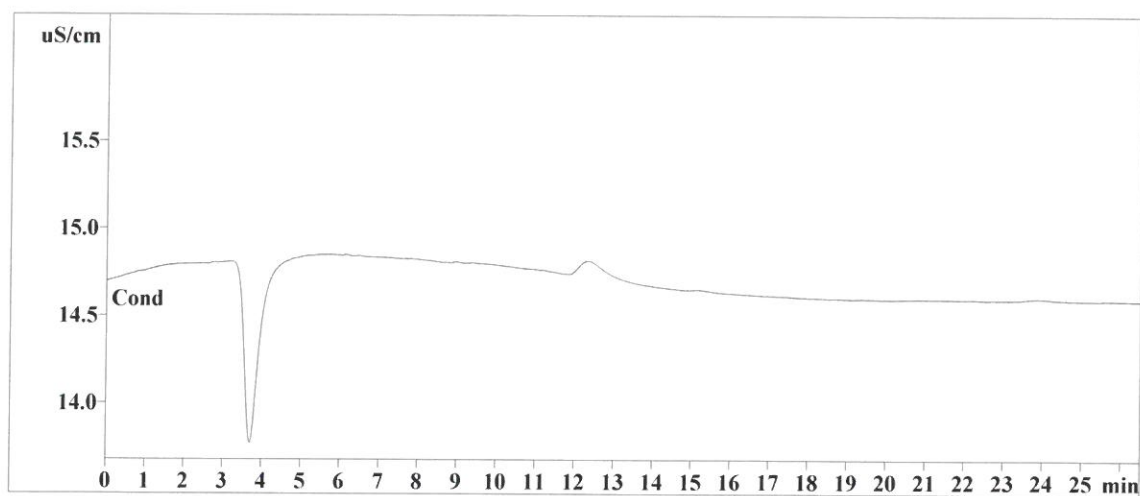
Ident: LB101260BLS
Analysis from: 3/7/2019 9:37:27 AM
File: _2019-03-07_

Last save: 3/8/2019 1:00:02 PM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 65562

Last save: 3/6/2019 8:41:34 AM

SAMPLE: 5.00mg/L
: 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: 3/8/2019 1:01:10 PM
Printed by: wet

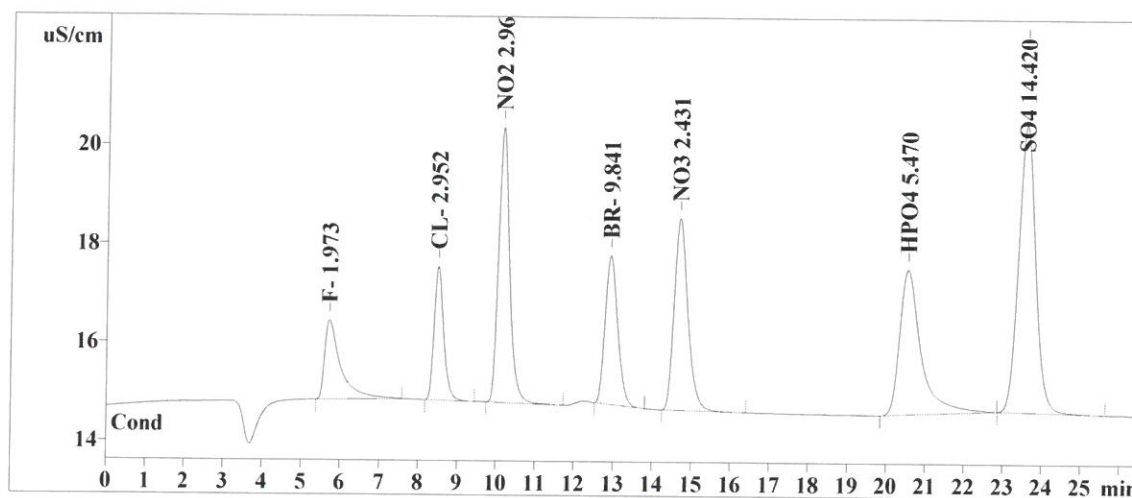
Ident: LB101260BSS
Analysis from: 3/7/2019 11:26:20 AM
File: _2019-03-07_

Last save: 3/8/2019 1:00:02 PM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 65565

Last save: 3/6/2019 8:41:34 AM

SAMPLE: 5.01mg/L
AK/AP
Vial number: 36
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.71	0.379	1.60	6.26	45.920	7.01	0.
2	8.49	0.258	2.70	10.59	46.444	7.09	0.
3	10.14	0.293	5.58	21.84	109.935	16.77	0.
4	12.91	0.345	3.01	11.80	67.038	10.23	0.
5	14.68	0.374	3.89	15.23	95.960	14.64	0.
6	20.54	0.515	2.93	11.48	111.248	16.97	0.
7	23.57	0.468	5.83	22.80	178.828	27.29	0.
7	26.50	0.376	25.54	99.99	655.374	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/8/2019 1:04:23 PM
Printed by: wet

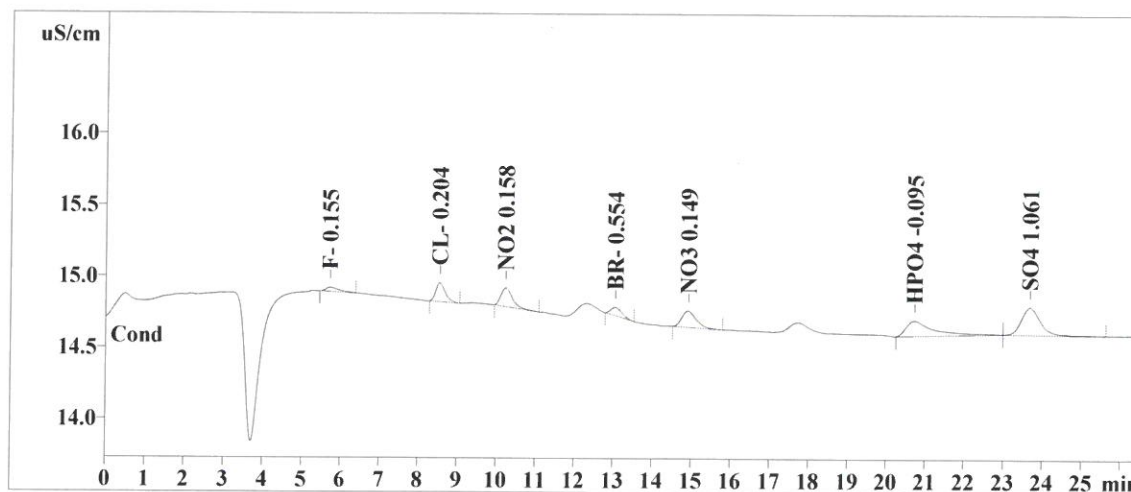
Ident: K1560-01
Analysis from: 3/7/2019 12:11:05 PM
File: _2019-03-07_

Last save: 3/8/2019 1:04:24 PM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 65567

Last save: 3/6/2019 8:41:34 AM

SAMPLE: 5.03mg/L
: AK/AP
Vial number: 22
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.72	0.364	0.03	3.96	0.746	3.38	0.
2	8.55	0.264	0.13	17.04	2.264	10.26	0.
3	10.23	0.311	0.13	17.20	2.772	12.57	0.
4	13.07	0.322	0.06	7.54	1.174	5.32	0.
5	14.91	0.393	0.11	14.88	2.940	13.33	0.
6	20.71	0.636	0.11	13.90	5.550	25.16	0.
7	23.68	0.504	0.19	24.93	6.614	29.98	0.
7	26.50	0.399	0.77	99.45	22.061	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/8/2019 1:04:55 PM
Printed by: wet

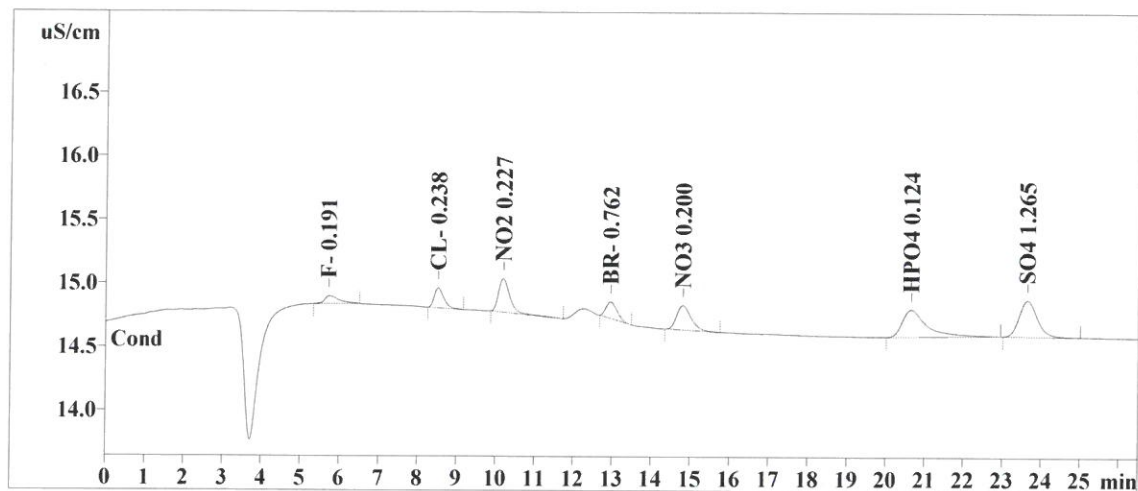
Ident: K1560-01RE
Analysis from: 3/7/2019 1:09:56 PM
File: _2019-03-07_

Last save: 3/8/2019 1:00:34 PM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 65569

Last save: 3/6/2019 8:41:34 AM

SAMPLE: 5.00mg/L
: AK/AP
Vial number: 23
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.72	0.378	0.06	4.65	1.648	4.52	0.
2	8.52	0.269	0.16	12.08	2.801	7.68	0.
3	10.18	0.296	0.26	20.16	5.409	14.82	0.
4	12.96	0.324	0.13	9.94	2.653	7.27	0.
5	14.81	0.395	0.19	14.74	5.022	13.76	0.
6	20.64	0.595	0.21	16.35	9.714	26.62	0.
7	23.64	0.492	0.28	21.74	9.241	25.33	0.
7	26.50	0.393	1.30	99.65	36.490	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/8/2019 1:05:28 PM
Printed by: wet

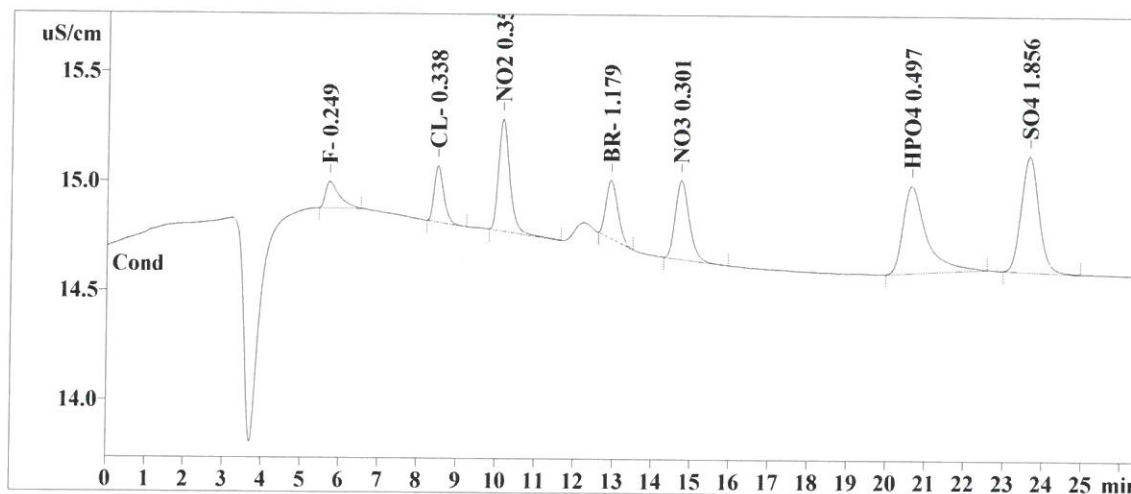
Ident: K1560-02
Analysis from: 3/7/2019 2:08:46 PM
File: _2019-03-07_

Last save: 3/8/2019 1:05:22 PM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 65571

Last save: 3/6/2019 8:41:34 AM

SAMPLE: 5.00mg/L
: AK/AP
Vial number: 24
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.70	0.369	0.12	4.96	3.069	4.64	0.
2	8.49	0.260	0.26	10.52	4.418	6.68	0.
3	10.14	0.296	0.51	20.84	10.266	15.53	0.
4	12.91	0.332	0.27	10.87	5.605	8.48	0.
5	14.73	0.386	0.36	14.68	9.109	13.78	0.
6	20.62	0.567	0.40	16.32	16.791	25.40	0.
7	23.63	0.485	0.53	21.64	16.859	25.50	0.
7	26.50	0.385	2.44	99.83	66.116	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/8/2019 1:05:45 PM
Printed by: wet

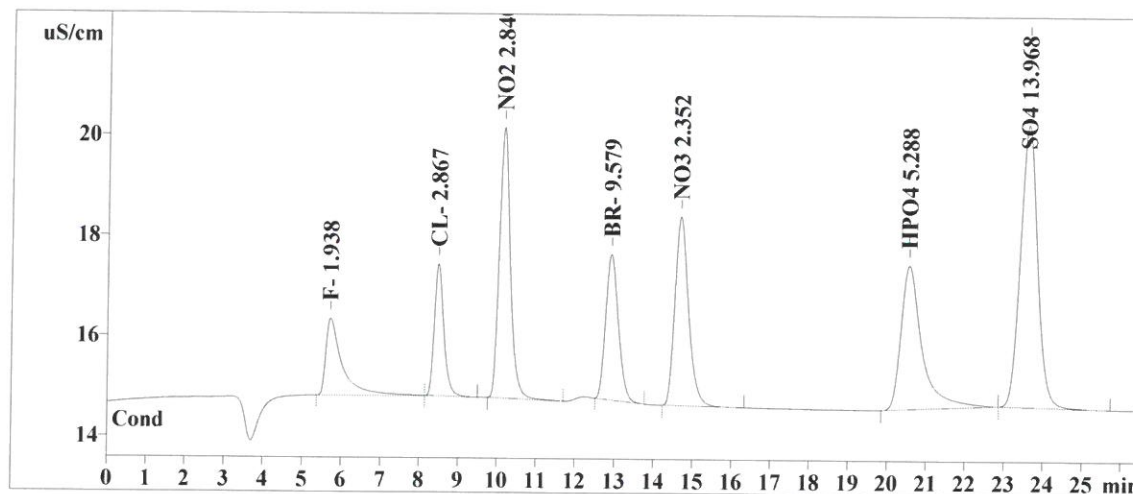
Ident: CCV
Analysis from: 3/7/2019 2:48:01 PM
File: _2019-03-07_

Last save: 3/7/2019 3:14:22 PM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 65572

Last save: 3/6/2019 8:41:34 AM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.71	0.378	1.53	6.19	45.039	7.10	0.
2	8.47	0.257	2.63	10.64	45.086	7.11	0.
3	10.14	0.291	5.39	21.83	105.300	16.61	0.
4	12.89	0.348	2.90	11.76	65.182	10.28	0.
5	14.66	0.374	3.76	15.24	92.727	14.62	0.
6	20.54	0.510	2.86	11.58	107.792	17.00	0.
7	23.59	0.469	5.62	22.76	173.009	27.28	0.
7	26.50	0.375	24.68	99.99	634.135	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/8/2019 1:05:56 PM
Printed by: wet

Ident: CCB
Analysis from: 3/7/2019 3:28:18 PM
File: _2019-03-07_

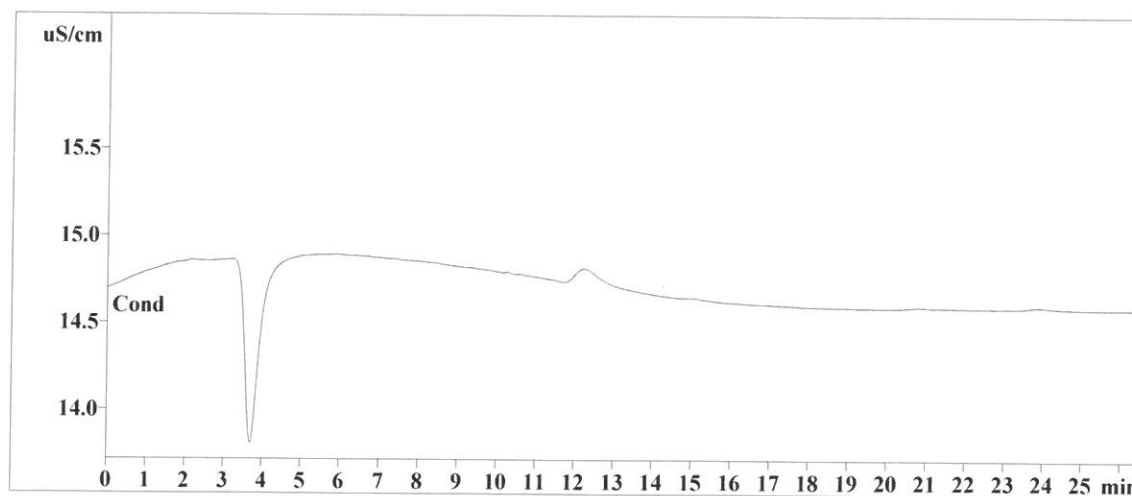
Last save: 3/7/2019 3:54:38 PM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 65573

Last save: 3/6/2019 8:41:34 AM

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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