

IC-2 - 3000
12-03-18
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	2018-11-21_	11/21/18 12:21		AK/AP
STD2	0.1160	0.2340	0.2690	0.7630	0.1950	-0.2570	1.3480	2018-11-21_	11/21/18 12:53		AK/AP
STD3	0.4130	0.6510	0.6490	2.1360	0.5340	1.1120	3.2660	2018-11-21_	11/21/18 13:25		AK/AP
STD4	0.7830	1.1980	1.1900	4.0000	0.9990	2.3700	5.9490	2018-11-21_	11/21/18 13:57		AK/AP
STD5	1.9130	2.8830	2.8800	9.6690	2.4130	5.1990	14.2850	2018-11-21_	11/21/18 14:29		AK/AP
STD6	4.0580	5.9290	5.9310	19.8340	4.9600	9.8360	29.6560	2018-11-21_	11/21/18 15:01		AK/AP
STD7	5.0280	7.6500	7.6530	25.4500	6.3630	12.3870	38.3060	2018-11-21_	11/21/18 15:33		AK/AP
ICV	1.9830	2.9890	2.9890	10.0090	2.5010	5.3430	14.7960	2018-11-21_	11/21/18 16:05		AK/AP
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-11-21_	11/21/18 16:37		AK/AP
CCV	1.9710	2.9770	2.9020	9.8020	2.4540	4.9400	14.5140	2018-11-28_	11/28/18 8:26		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-11-28_	11/28/18 9:31		AK/AP
LB99471BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-11-28_	11/28/18 10:03		AK/AP
LB99471BSW	2.0650	2.9560	2.8750	9.7960	2.4470	5.1340	14.4080	2018-11-28_	11/28/18 10:34		AK/AP
J6081-01RE	0.2560	20.5920	0.0000	0.0000	0.0000	0.0000	59.0320	2018-11-28_	11/28/18 11:08		AK/AP
J6081-02RE	0.1660	69.7010	0.0000	0.0000	0.0000	0.0000	128.1980	2018-11-28_	11/28/18 11:40		AK/AP
J6081-03RE	0.1350	13.9820	0.0000	0.0000	0.0000	0.0000	74.6870	2018-11-28_	11/28/18 12:11		AK/AP
J6081-04RE	0.1120	14.1060	0.0000	0.0000	0.0000	0.0000	74.8240	2018-11-28_	11/28/18 12:43		AK/AP
J6081-05RE	0.0000	0.4390	0.0000	0.0000	0.0000	0.0000	0.8840	2018-11-28_	11/28/18 13:14		AK/AP
CCV	1.9190	2.8560	2.7870	9.4600	2.3570	5.2240	14.3740	2018-11-28_	11/28/18 15:53		AK/AP
CCB	0.0000	0.2080	0.0000	0.0000	0.0000	0.0000	0.0000	2018-11-28_	11/28/18 17:04		AK/AP
CCV	1.9670	2.8430	2.8100	9.5000	2.3660	4.6090	13.7530	2018-11-29_	11/29/18 8:13		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-11-29_	11/29/18 9:12		AK/AP
LB99471BLW2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-11-29_	11/29/18 9:44		AK/AP
LB99471BSW2	2.1070	2.9380	2.8460	9.6160	2.4040	4.9220	13.9160	2018-11-29_	11/29/18 10:15		AK/AP
J6081-05RE	0.0000	0.4530	0.0000	0.0000	0.0000	0.0000	0.8930	2018-11-29_	11/29/18 10:53		AK/AP
J6097-01	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-11-29_	11/29/18 11:24		AK/AP
J6097-01DUP	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-11-29_	11/29/18 11:56		AK/AP
J6097-01MS	2.0560	2.9380	2.7990	9.5770	2.4090	4.7860	14.0040	2018-11-29_	11/29/18 12:27		AK/AP
J6097-01MSD	2.0750	3.0600	2.9380	9.9760	2.5080	4.9180	14.5690	2018-11-29_	11/29/18 12:59		AK/AP
CCV	1.8980	2.8610	2.8240	9.5550	2.3850	4.6240	13.7930	2018-11-29_	11/29/18 13:30		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-11-29_	11/29/18 14:11		AK/AP
J6135-01	0.0000	965.9310	0.0000	71.7990	0.2000	0.0000	748.2360	2018-11-29_	11/29/18 14:43		AK/AP
CCV	1.9590	3.3010	2.8350	9.5980	2.3860	4.8530	13.9220	2018-11-29_	11/29/18 15:14		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-11-29_	11/29/18 16:23		AK/AP

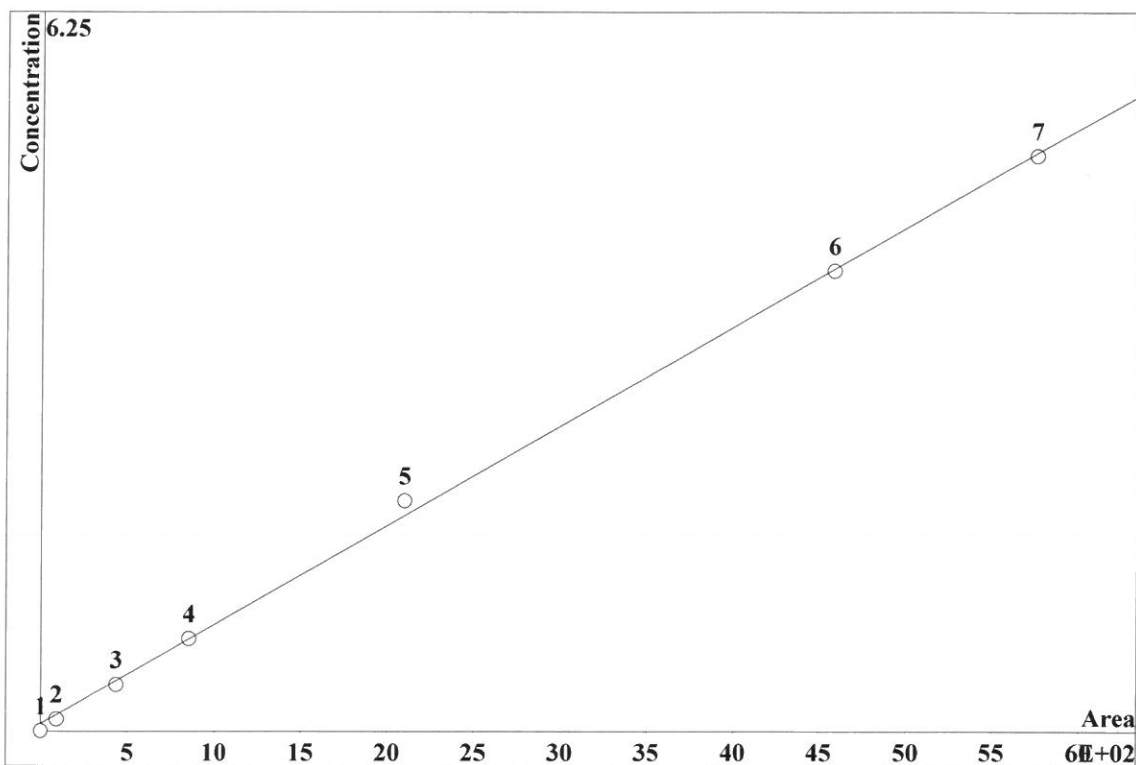
CALIBRATION OF COMPONENT F-

IC-2 Cal

11-21-2018

AK

Method: AnionsIC2-112118.mtw
Equation: $Q = 0.0172617 \cdot A + 1.24036$
RSD: 3.501 %
Correlation coefficient: 0.999500



K3 = 0 K2 = 0 K1 = 0.0172617 K0 = 1.24036

Base: Area

Ref.channel: ch1

ISTD:

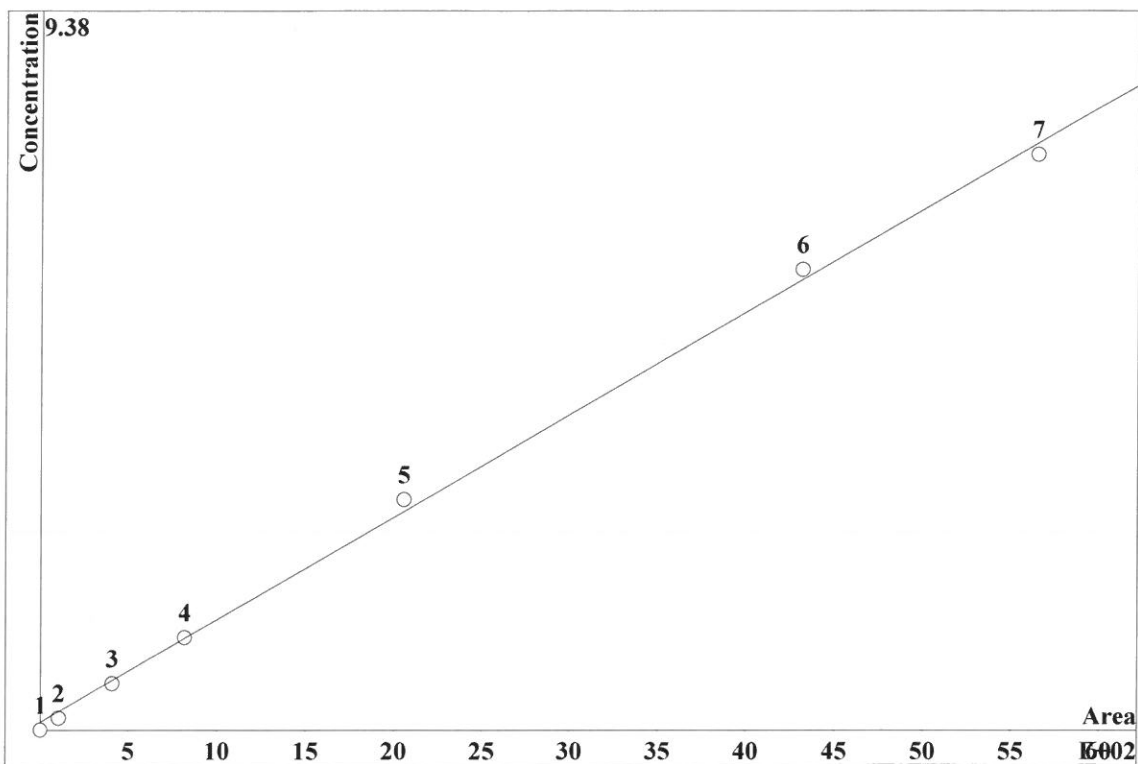
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		0
2	5.382	93.42	0.1	20			5.166
3	26.74	436.1	0.4	20			5.166
4	52.11	854.4	0.8	20			5.166
5	134.6	2098	2	20			5.166
6	289.7	4585	4	20			5.166
7	361.3	5753	5	20			5.166

CALIBRATION OF COMPONENT CL-

Method: AnionsIC2-112118.mtw
 Equation: $Q = 0.0267331 \cdot A + 1.99098$
 RSD: 4.388 %
 Correlation coefficient: 0.999214



K3 = 0 K2 = 0 K1 = 0.0267331 K0 = 1.99098

Base: Area

Ref.channel: ch1

ISTD:

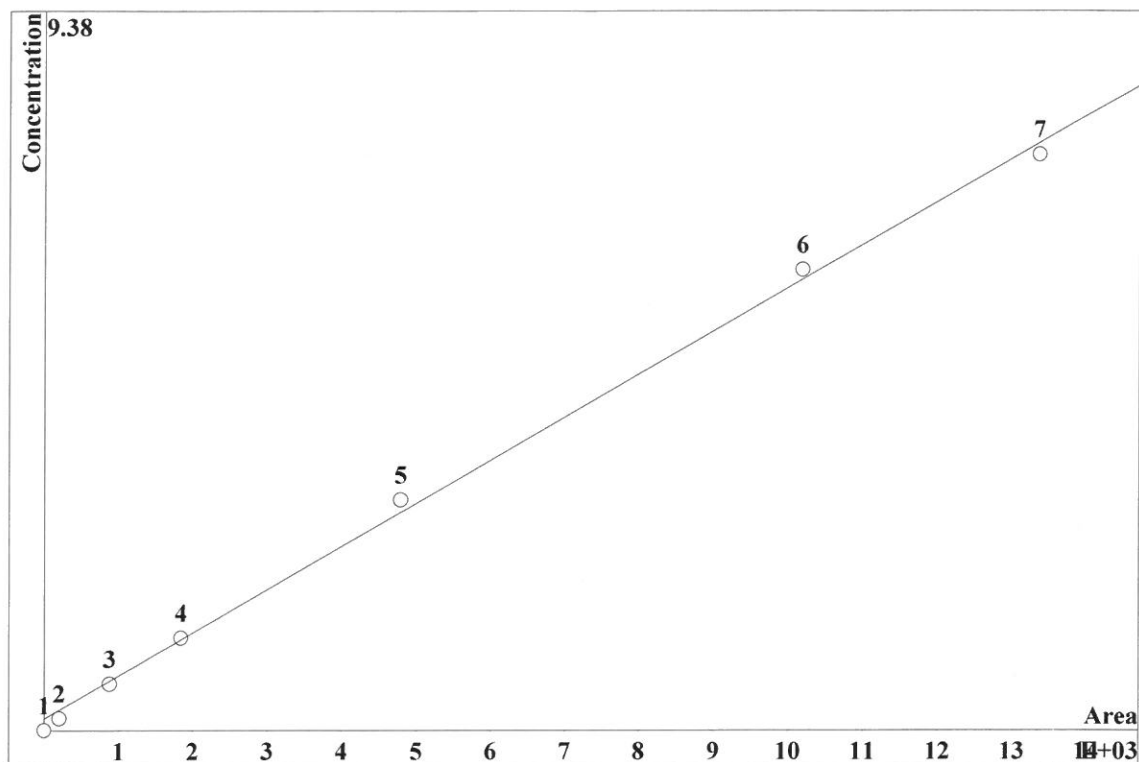
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		0
2	7.262	105.2	0.15	20	9.024		
3	27.11	409.3	0.6	20	9.024		
4	54.92	820	1.2	20	9.024		
5	141.8	2055	3	20	9.024		
6	296.4	4318	6	20	9.024		
7	394.7	5649	7.5	20	9.024		

CALIBRATION OF COMPONENT NO2

Method: AnionsIC2-112118.mtw
 Equation: $Q = 0.0112308 \cdot A + 2.9632$
 RSD: 4.619 %
 Correlation coefficient: 0.999129



K3 = 0 K2 = 0 K1 = 0.0112308 K0 = 2.9632

Base: Area

Ref.channel: ch1

ISTD:

Formula: Linear

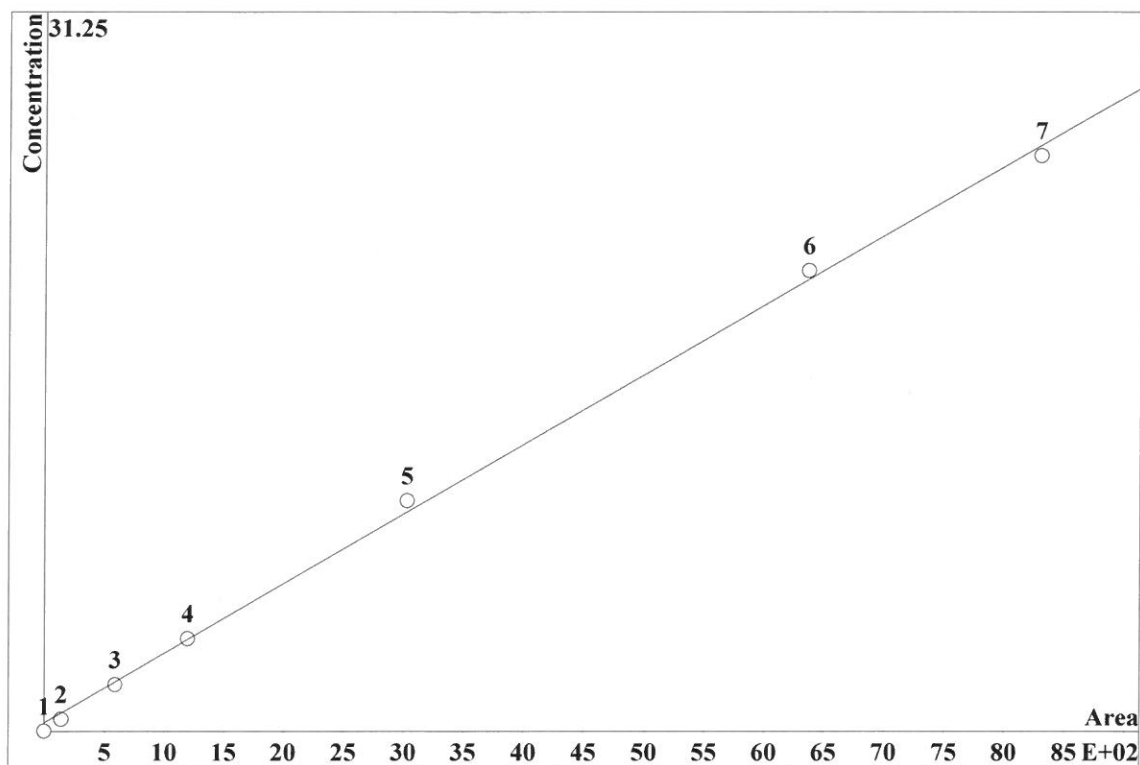
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		0
2	12.53	207.9	0.15	20			11.64
3	52.62	877.6	0.6	20			11.64
4	110.5	1836	1.2	20			11.64
5	289.7	4791	3	20			11.64
6	619	1.02e+04	6	20			11.64
7	809.2	1.336e+04	7.5	20			11.64

1.□

CALIBRATION OF COMPONENT BR-

Method: AnionsIC2-112118.mtw
 Equation: $Q = 0.0604957 \cdot A + 7.12848$
 RSD: 4.004 %
 Correlation coefficient: 0.999346

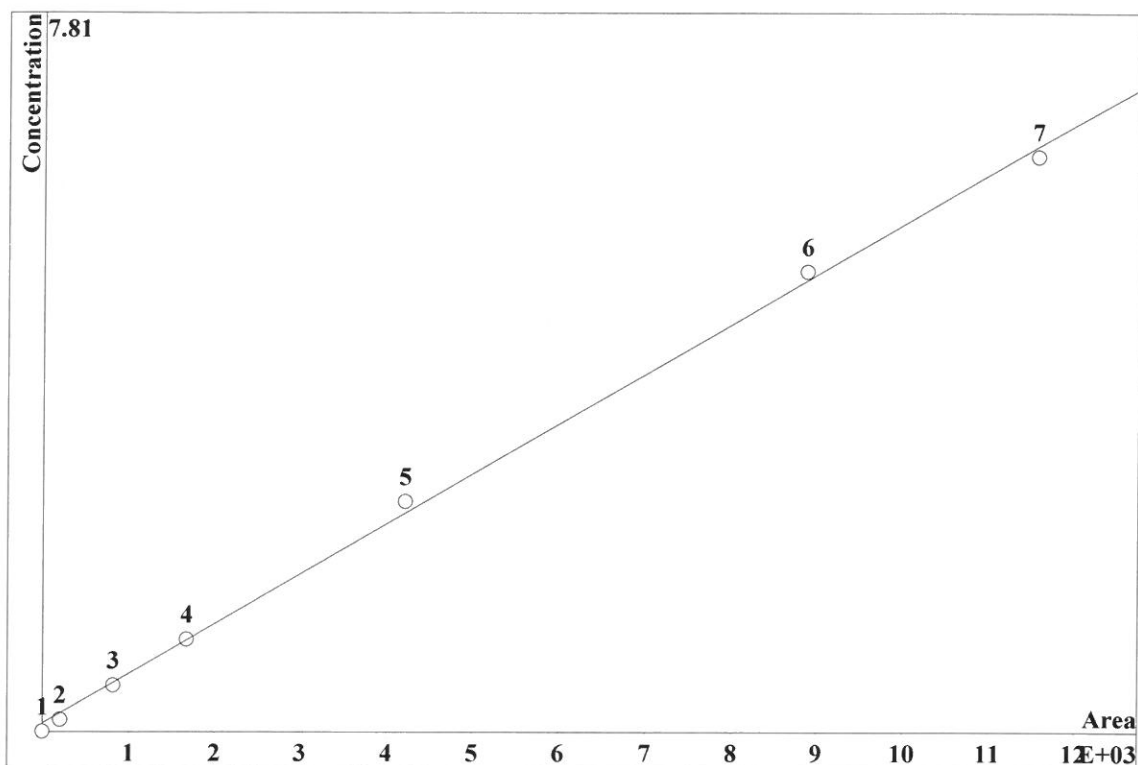


K3 = 0 K2 = 0 K1 = 0.0604957 K0 = 7.12848
 Base: Area
 Ref.channel: ch1
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		0
2	5.781	142.3	0.5	20	15.43		
3	23.63	587.4	2	20	15.43		
4	48.38	1199	4	20	15.43		
5	122	3029	10	20	15.43		
6	250.8	6371	20	20	15.43		
7	327.7	8296	25	20	15.43		

CALIBRATION OF COMPONENT NO3

Method: AnionsIC2-112118.mtw
 Equation: $Q = 0.0108488 \cdot A + 1.78151$
 RSD: 4.081 %
 Correlation coefficient: 0.999320

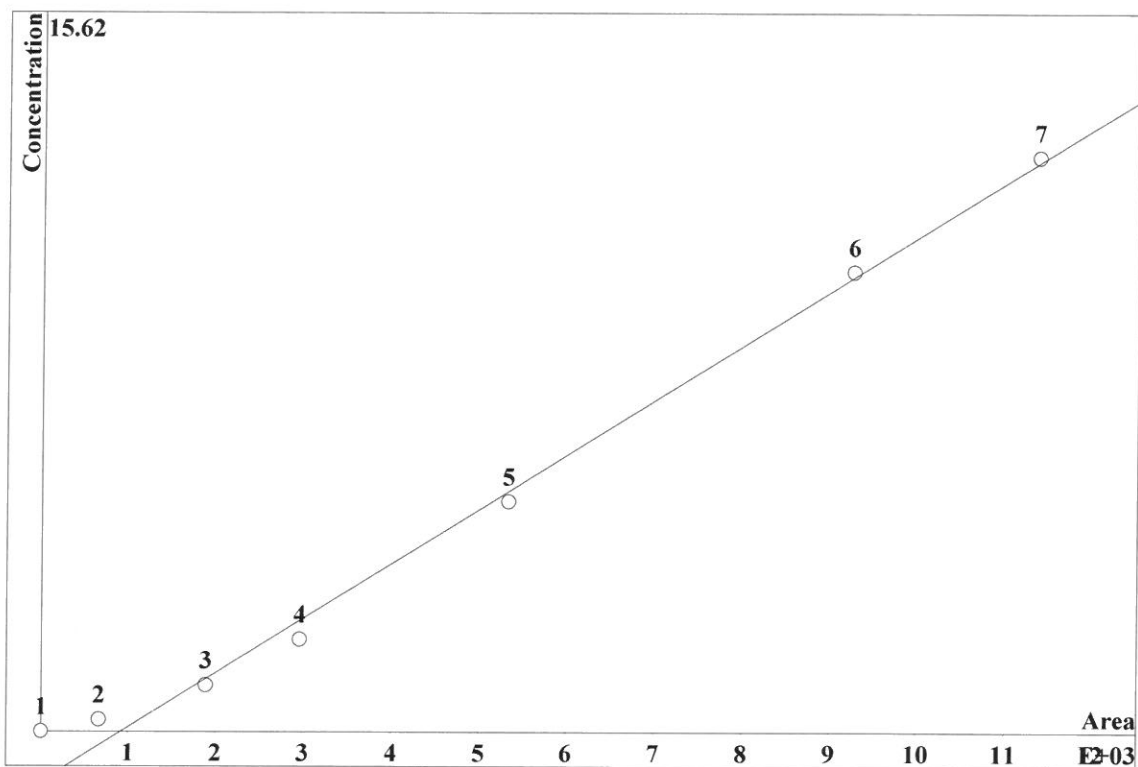


K3 = 0 K2 = 0 K1 = 0.0108488 K0 = 1.78151
 Base: Area
 Ref.channel: ch1
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		0
2	6.995	206	0.125	20	18.5		
3	27.25	818.4	0.5	20	18.5		
4	54.84	1669	1	20	18.5		
5	133.8	4215	2.5	20	18.5		
6	266	8883	5	20	18.5		
7	342	1.157e+04	6.25	20	18.5		

CALIBRATION OF COMPONENT HPO4

Method: AnionsIC2-112118.mtw
 Equation: $Q = 0.0236919 \cdot A - 21.8134$
 RSD: 7.399 %
 Correlation coefficient: 0.997764

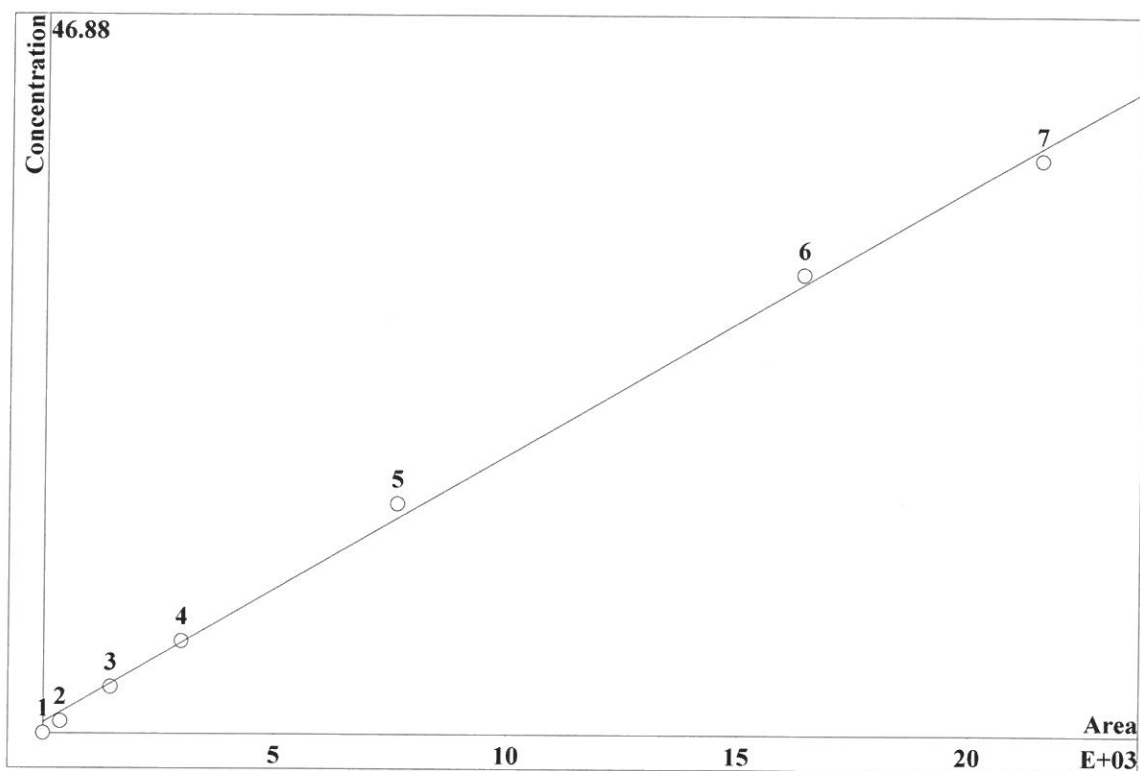


K3 = 0 K2 = 0 K1 = 0.0236919 K0 = -21.8134
 Base: Area
 Ref.channel: ch1
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		0
2	14.79	662.7	0.25	20	23.19		
3	43.87	1886	1	20	23.19		
4	71.49	2959	2	20	23.19		
5	135.7	5329	5	20	23.19		
6	242.6	9269	10	20	23.19		
7	301.5	1.138e+04	12.5	20	23.19		

CALIBRATION OF COMPONENT SO4

Method: AnionsIC2-112118.mtw
 Equation: $Q = 0.0349521 \cdot A + 14.0847$
 RSD: 5.019 %
 Correlation coefficient: 0.998971



K3 = 0 K2 = 0 K1 = 0.0349521 K0 = 14.0847

Base: Area

Ref.channel: ch1

ISTD:

Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		0
2	11.29	377.9	0.75	20	25.22		
3	43.34	1453	3	20	25.22		
4	89.07	2980	6	20	25.22		
5	228.8	7645	15	20	25.22		
6	487.2	1.64e+04	30	20	25.22		
7	638.9	2.152e+04	37.5	20	25.22		

Report date: 12/3/2018 11:34:54 AM
Printed by: wet

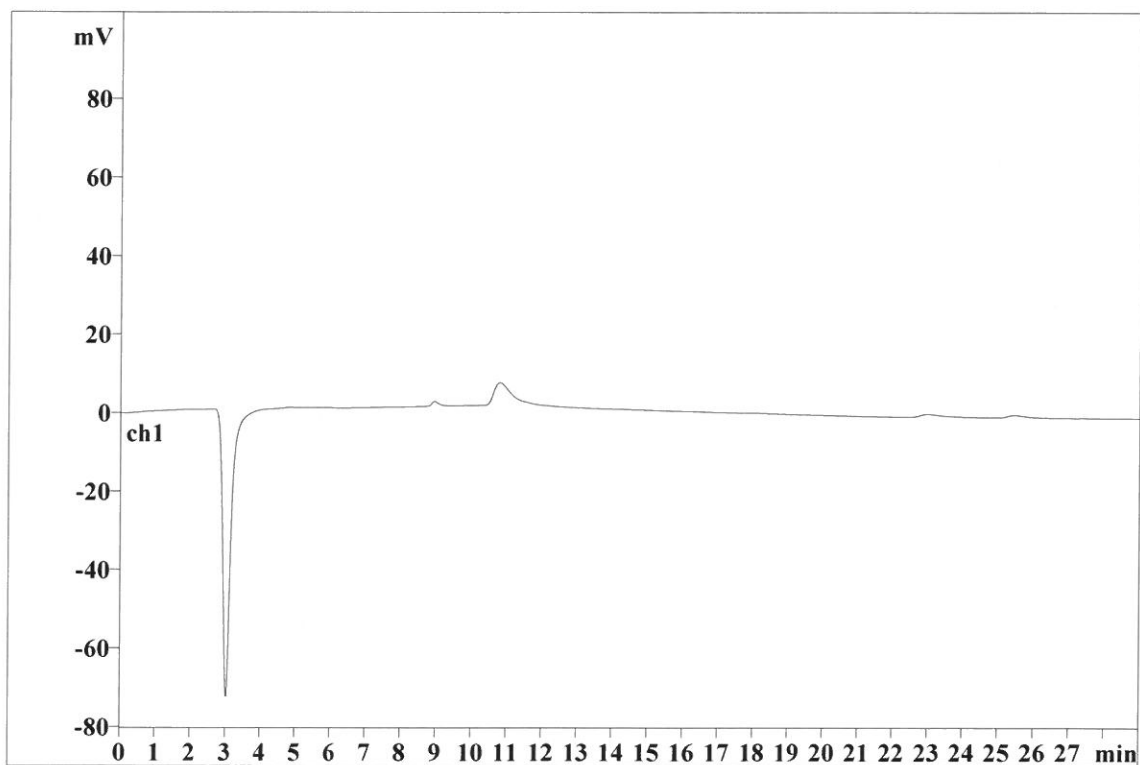
Ident: STD1
Analysis from: 11/21/2018 12:21:23 PM
File: _2018-11-21_

Last save: 11/21/2018 12:50:23 PM

Method: AnionsIC2-112118.mtw
Run operator: wet
Analysis number: 18873

Last save: 11/21/2018 11:1

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: 12/3/2018 11:35:05 AM
Printed by: wet

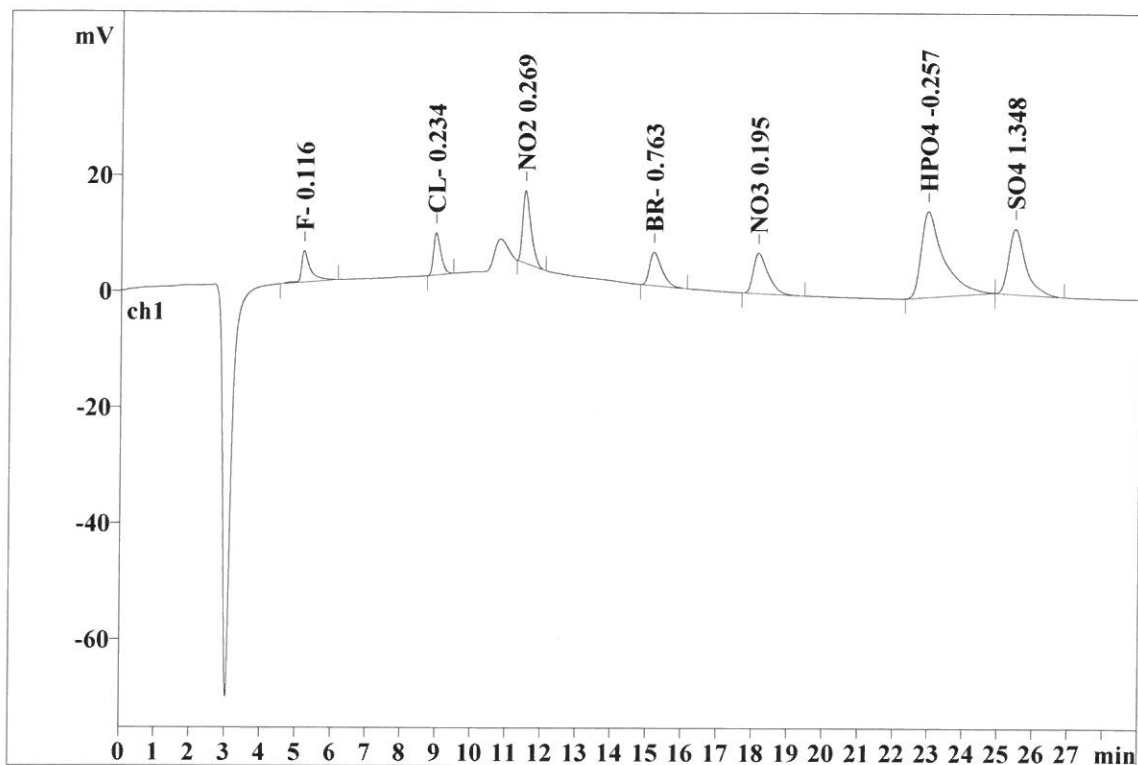
Ident: STD2
Analysis from: 11/21/2018 12:53:24 PM
File: _2018-11-21_

Last save: 11/21/2018 1:22:24 PM

Method: AnionsIC2-112118.mtw
Run operator: wet
Analysis number: 18874

Last save: 11/21/2018 12:5

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 mV	Height %	Area mV*sec	Area %
1	5.19	0.216	5.38	8.41	93.419	5.20
2	8.96	0.221	7.26	11.34	105.166	5.86
3	11.52	0.252	12.53	19.57	207.851	11.58
4	15.17	0.372	5.78	9.03	142.294	7.93
5	18.14	0.445	6.99	10.92	206.034	11.48
6	22.95	0.600	14.79	23.10	662.669	36.91
7	25.46	0.475	11.29	17.63	377.891	21.05
7	29.00	0.369	64.02	99.99	1795.324	100.00

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Report date: 12/3/2018 11:35:13 AM
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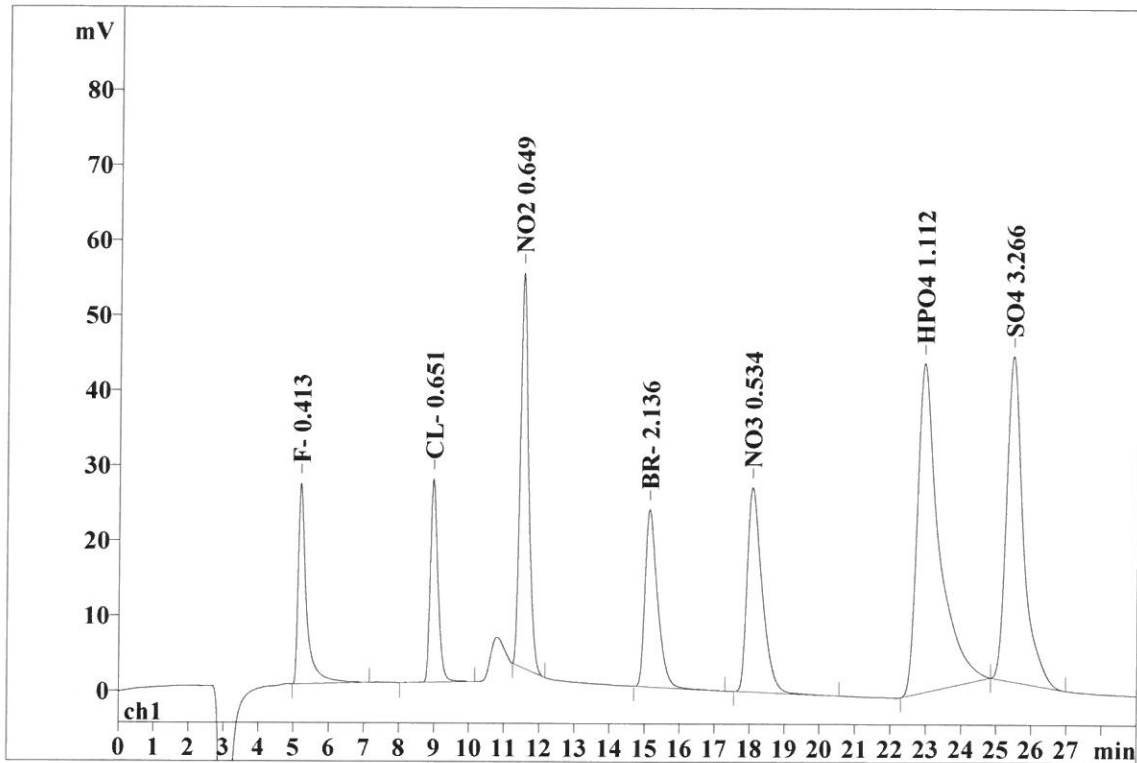
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Analysis from: 11/21/2018 1:25:23 PM
File: _2018-11-21_

Last save: 11/21/2018 1:54:23 PM

Method: AnionsIC2-112118.mtw
Run operator: wet
Analysis number: 18875

Last save: 11/21/2018 1:22

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 mV	Height %	Area mV*sec	Area %
1	5.19	0.211	26.74	10.93	436.074	6.74
2	8.96	0.224	27.11	11.09	409.266	6.33
3	11.51	0.250	52.62	21.51	877.640	13.57
4	15.13	0.374	23.63	9.66	587.443	9.08
5	18.07	0.455	27.25	11.14	818.366	12.65
6	22.92	0.570	43.87	17.94	1885.627	29.16
7	25.46	0.473	43.34	17.72	1452.976	22.47
7	29.00	0.365	244.56	100.00	6467.391	100.00

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Report date: 12/3/2018 11:35:23 AM
Printed by: wet

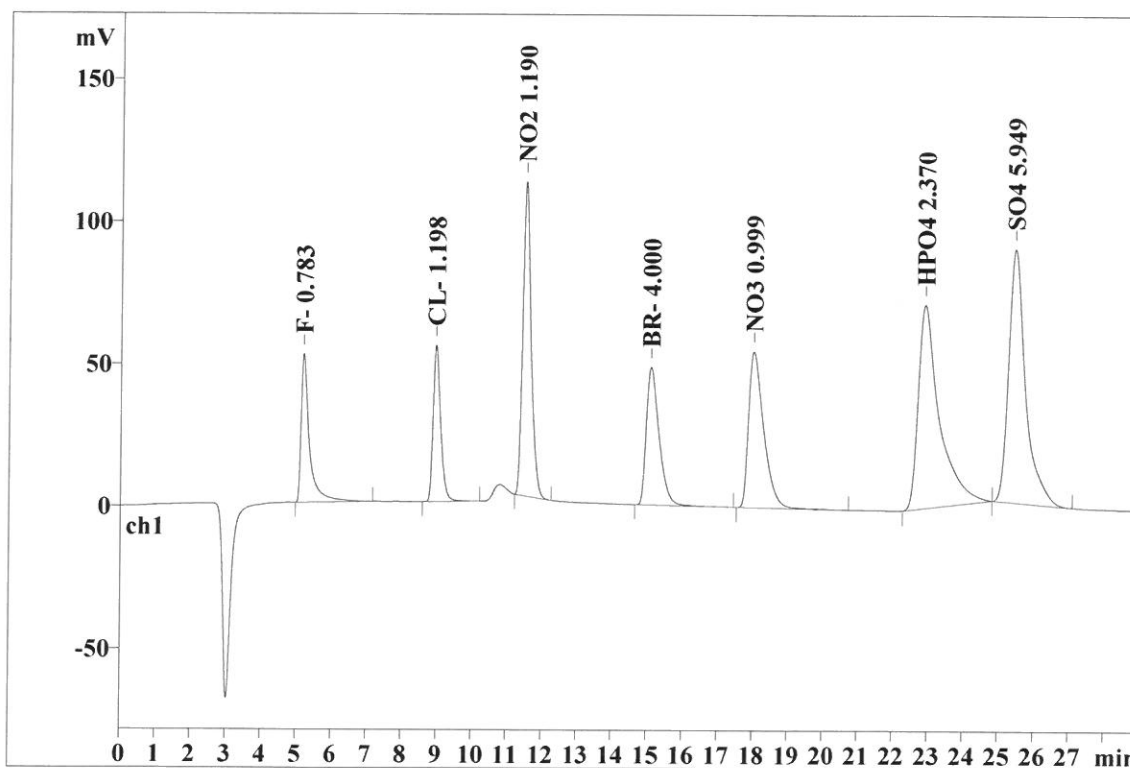
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Analysis from: 11/21/2018 1:57:21 PM
File: _2018-11-21_

Last save: 11/21/2018 2:26:22 PM

Method: AnionsIC2-112118.mtw
Run operator: wet
Analysis number: 18876

Last save: 11/21/2018 1:54

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 mV	Height %	Area mV*sec	Area %
1	5.20	0.209	52.11	10.83	854.361	6.94
2	8.96	0.223	54.92	11.41	820.007	6.66
3	11.51	0.247	110.52	22.96	1836.338	14.91
4	15.09	0.373	48.38	10.05	1199.186	9.73
5	18.01	0.462	54.84	11.39	1669.266	13.55
6	22.90	0.545	71.48	14.85	2958.733	24.02
7	25.45	0.470	89.07	18.50	2980.492	24.20
7	29.00	0.361	481.33	100.00	12318.385	100.00

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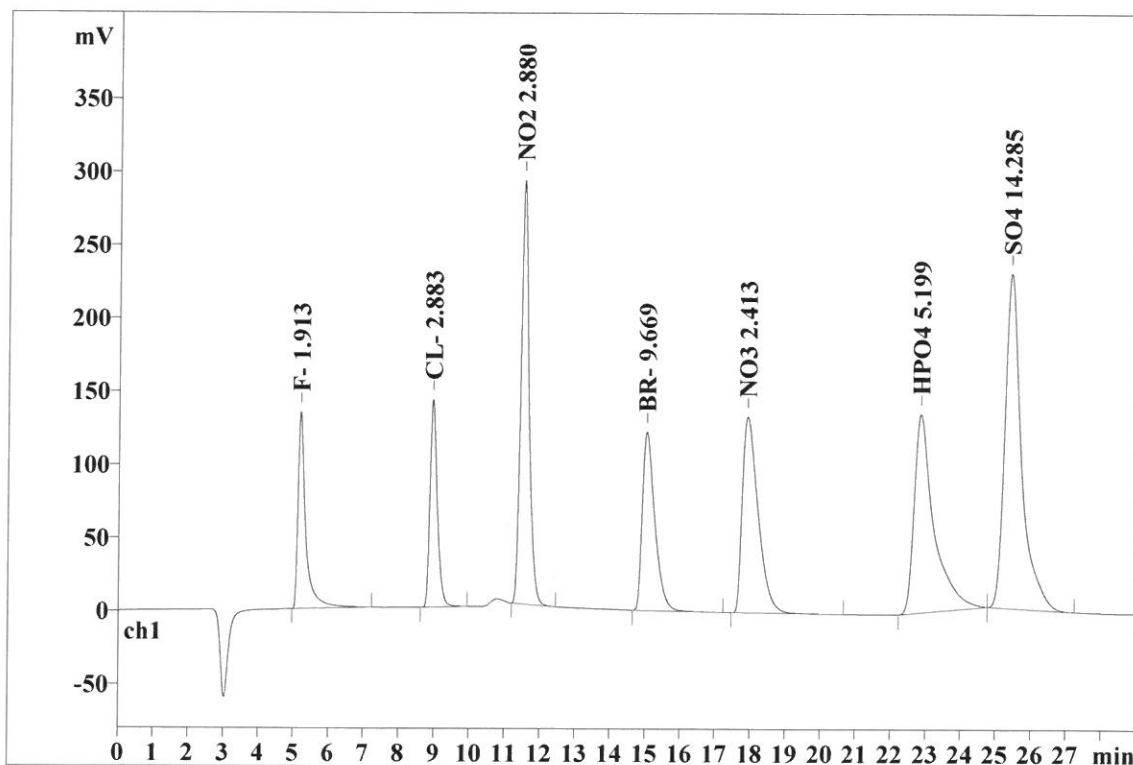
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 Analysis from: 11/21/2018 2:29:21 PM
 File: _2018-11-21_

Last save: 11/21/2018 2:58:21 PM

Method: AnionsIC2-112118.mtw
 Run operator: wet
 Analysis number: 18877

Last save: 11/21/2018 2:26

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 mV	Height %	Area mV*sec	Area %
1	5.19	0.201	134.65	11.35	2098.005	7.19
2	8.95	0.216	141.76	11.95	2055.126	7.05
3	11.51	0.243	289.67	24.42	4791.024	16.43
4	15.03	0.375	121.97	10.28	3029.272	10.39
5	17.90	0.484	133.85	11.28	4215.321	14.45
6	22.83	0.519	135.65	11.43	5328.964	18.27
7	25.41	0.467	228.80	19.29	7644.929	26.21
7	29.00	0.358	1186.34	100.00	29162.641	100.00

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Printed by: wet

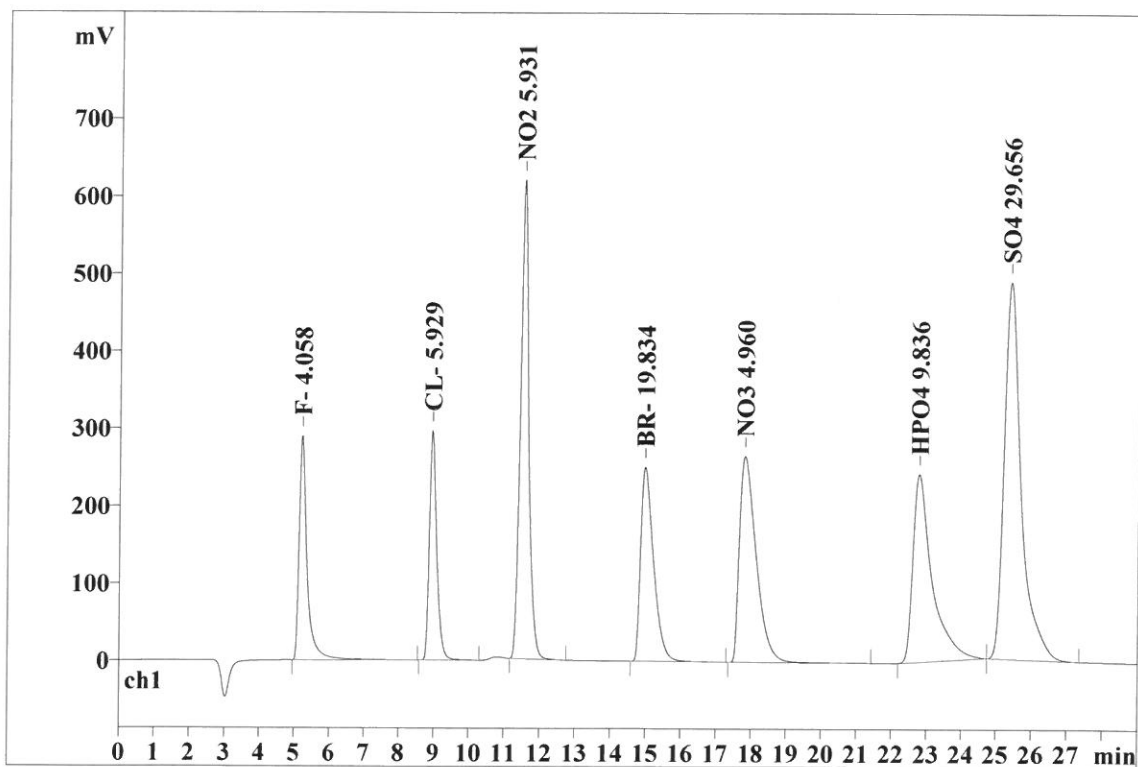
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Analysis from: 11/21/2018 3:01:20 PM
File: _2018-11-21_

Last save: 11/21/2018 3:30:20 PM

Method: AnionsIC2-112118.mtw
Run operator: wet
Analysis number: 18878

Last save: 11/21/2018 2:58

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 mV	Height %	Area mV*sec	Area %
1	5.21	0.211	289.71	11.82	4585.018	7.64
2	8.94	0.215	296.40	12.09	4318.117	7.19
3	11.53	0.239	619.00	25.25	10195.803	16.99
4	14.97	0.384	250.79	10.23	6370.718	10.61
5	17.81	0.517	266.03	10.85	8882.953	14.80
6	22.78	0.511	242.62	9.90	9268.791	15.44
7	25.38	0.471	487.19	19.87	16396.014	27.32
7	29.00	0.364	2451.75	100.00	60017.415	100.00

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Report date: 12/3/2018 11:35:52 AM
Printed by: wet

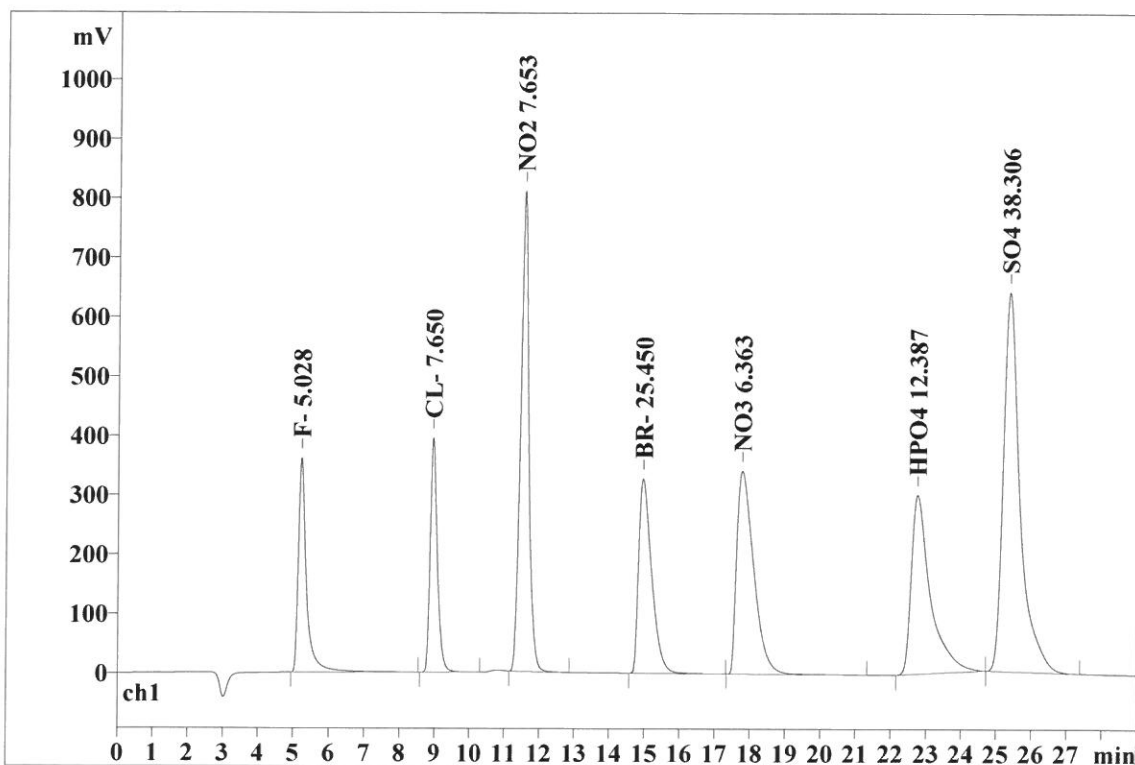
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Analysis from: 11/21/2018 3:33:18 PM
File: _2018-11-21_

Last save: 11/21/2018 4:02:18 PM

Method: AnionsIC2-112118.mtw
Run operator: wet
Analysis number: 18879

Last save: 11/21/2018 3:30

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 mV	Height %	Area mV*sec	Area %
1	5.21	0.210	361.26	11.38	5753.225	7.42
2	8.94	0.211	394.71	12.43	5648.564	7.29
3	11.54	0.241	809.19	25.48	13364.214	17.24
4	14.95	0.384	327.72	10.32	8296.098	10.70
5	17.76	0.525	342.03	10.77	11566.819	14.92
6	22.74	0.509	301.49	9.49	11377.687	14.68
7	25.35	0.473	638.90	20.12	21516.433	27.75
7	29.00	0.365	3175.30	100.00	77523.040	100.00

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Report date: 12/3/2018 11:36:03 AM
Printed by: wet

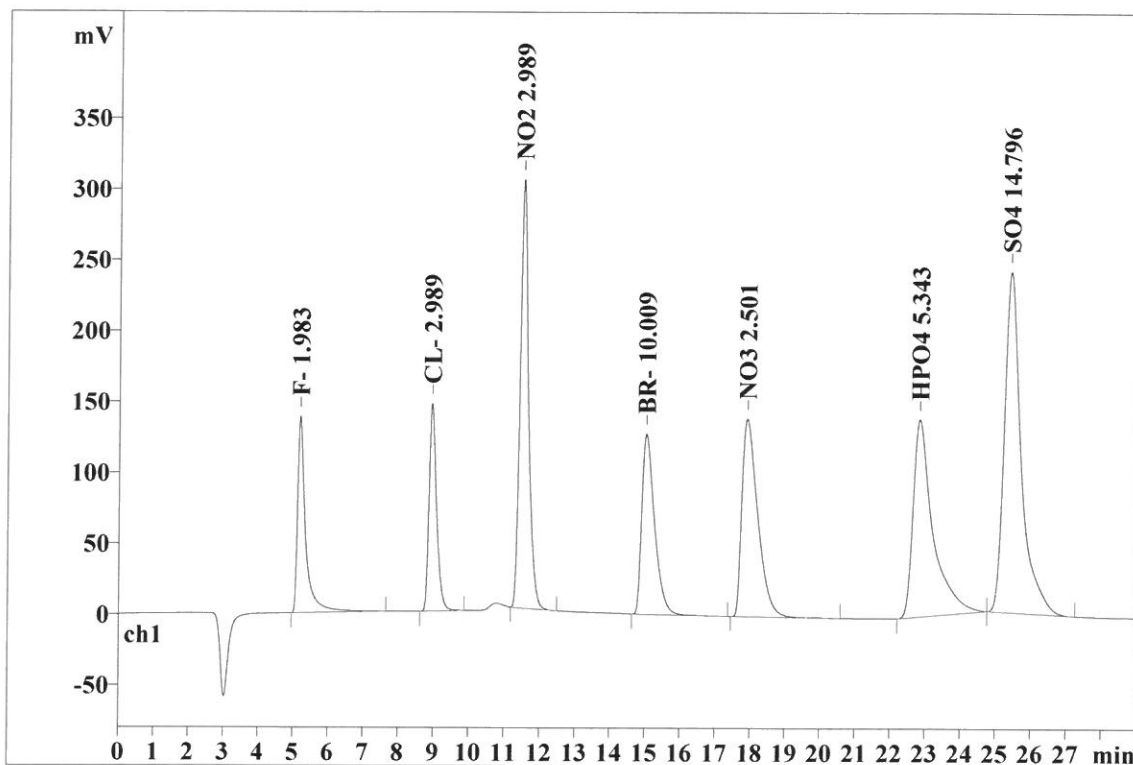
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File: _2018-11-21_

Last save: 12/3/2018 11:33:59 AM

Method: AnionsIC2-112118.mtw
Run operator: wet
Analysis number: 18880

Last save: 11/21/2018 4:02

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 mV	Height %	Area mV*sec	Area %
1	5.19	0.206	138.76	11.24	2225.333	7.28
2	8.94	0.219	146.51	11.87	2162.000	7.07
3	11.51	0.244	302.63	24.52	5058.570	16.54
4	15.03	0.377	127.23	10.31	3190.995	10.44
5	17.90	0.487	139.53	11.30	4446.817	14.54
6	22.83	0.515	139.15	11.27	5431.221	17.76
7	25.41	0.468	240.45	19.48	8063.554	26.37
7	29.00	0.360	1234.27	100.00	30578.490	100.00

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Report date: 12/3/2018 11:36:22 AM
Printed by: wet

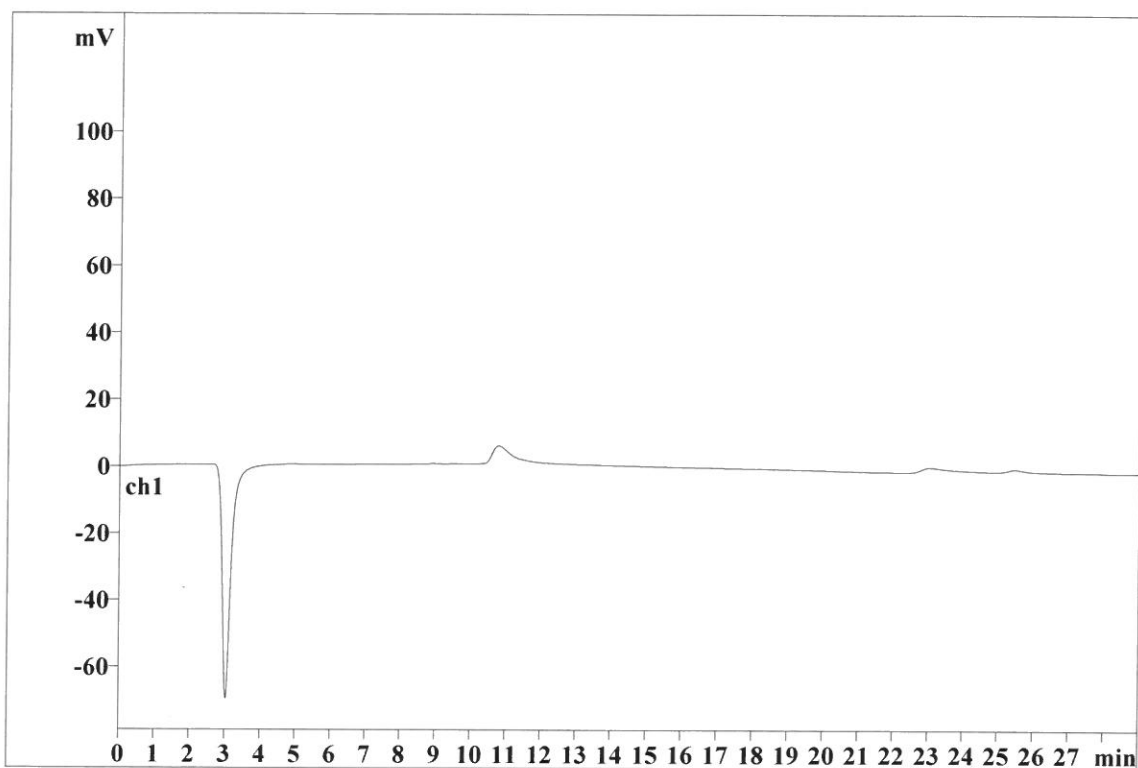
Ident: ICB
Analysis from: 11/21/2018 4:37:14 PM
File: _2018-11-21_

Last save: 12/3/2018 11:36:18 AM

Method: AnionsIC2-112118.mtw
Run operator: wet
Analysis number: 18881

Last save: 11/21/2018 4:02

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: 11/29/2018 1:58:01 PM
Printed by: wet

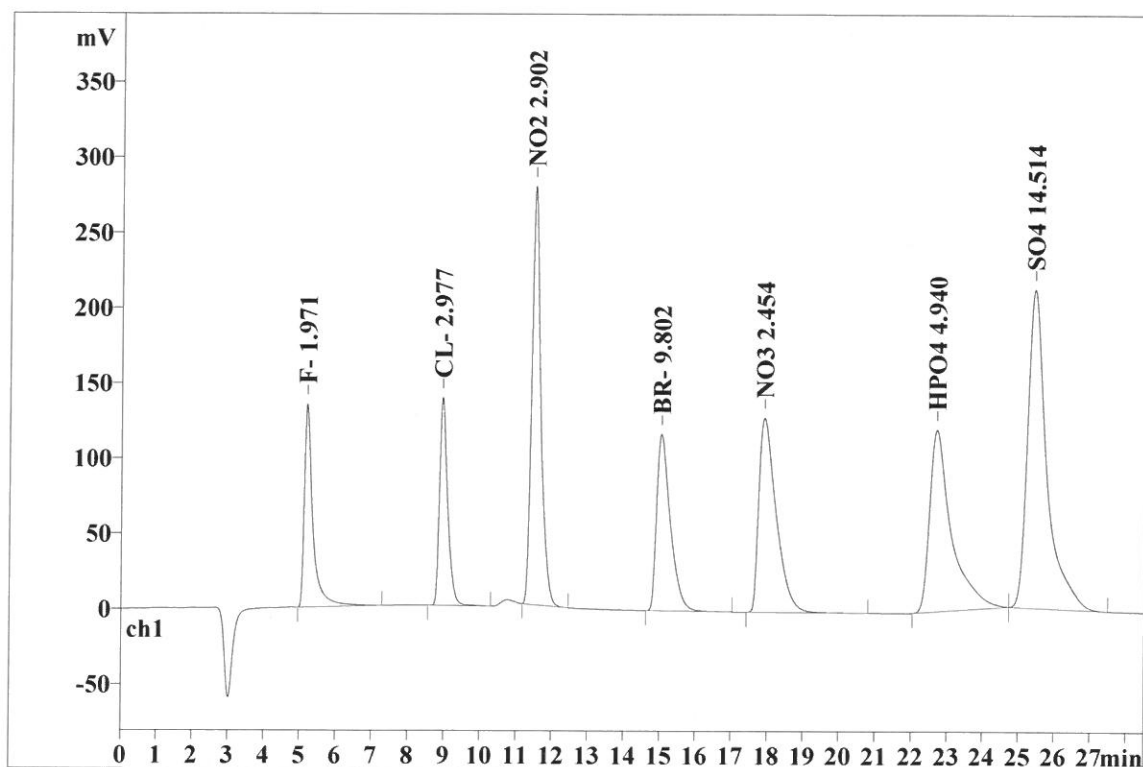
Ident: CCV
Analysis from: 11/28/2018 8:26:19 AM
File: _2018-11-28_

Last save: 11/28/2018 8:54:50 AM

Method: AnionsIC2-112118.mtw
Run operator: wet
Analysis number: 18888

Last save: 11/28/2018 8:21

SAMPLE:
: AK/AP
Vial number: 20
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	5.19	0.215	134.92	11.94	2211.479	7.44
2	8.95	0.230	138.03	12.22	2152.638	7.24
3	11.51	0.255	278.01	24.61	4904.474	16.49
4	15.03	0.397	117.36	10.39	3122.886	10.50
5	17.91	0.514	128.99	11.42	4358.902	14.65
6	22.69	0.553	120.74	10.69	5090.807	17.12
7	25.44	0.509	211.65	18.73	7902.367	26.57
7	28.50	0.382	1129.70	100.00	29743.553	100.00

This report has been created by IC Net
METROHM LTD

Report date: 11/29/2018 1:58:46 PM
Printed by: wet

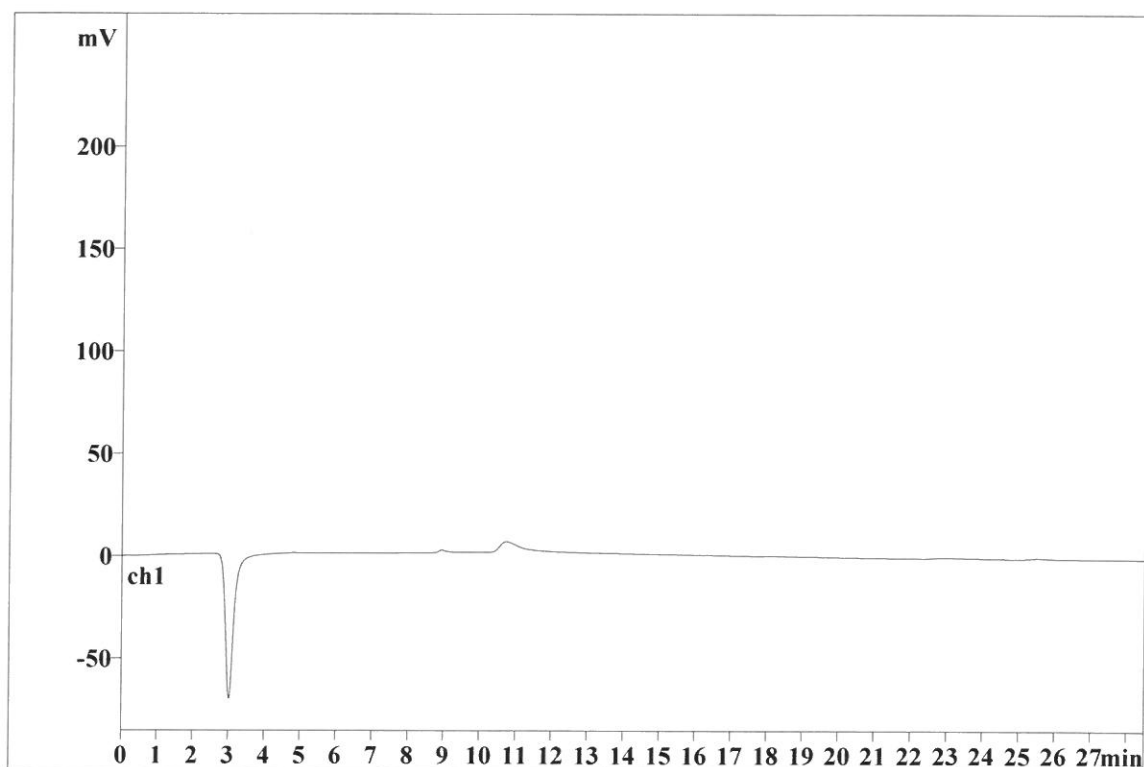
Ident: CCB
Analysis from: 11/28/2018 9:31:56 AM
File: _2018-11-28_

Last save: 11/28/2018 10:00:27 AM

Method: AnionsIC2-112118.mtw
Run operator: wet
Analysis number: 18890

Last save: 11/28/2018 8:21

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 11/29/2018 1:59:29 PM
Printed by: wet

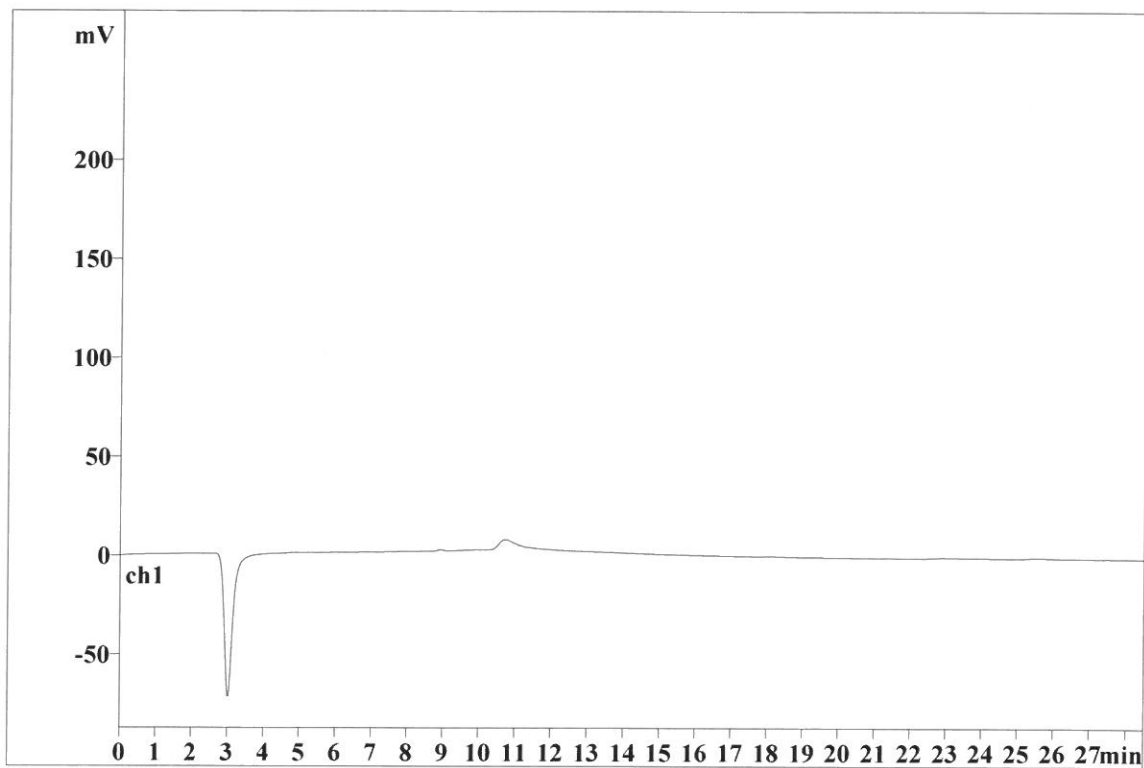
Ident: LB99471BLW
Analysis from: 11/28/2018 10:03:25 AM
File: _2018-11-28_

Last save: 11/29/2018 1:59:17 PM

Method: AnionsIC2-112118.mtw
Run operator: wet
Analysis number: 18891

Last save: 11/28/2018 8:21

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 11/29/2018 1:59:39 PM
Printed by: wet

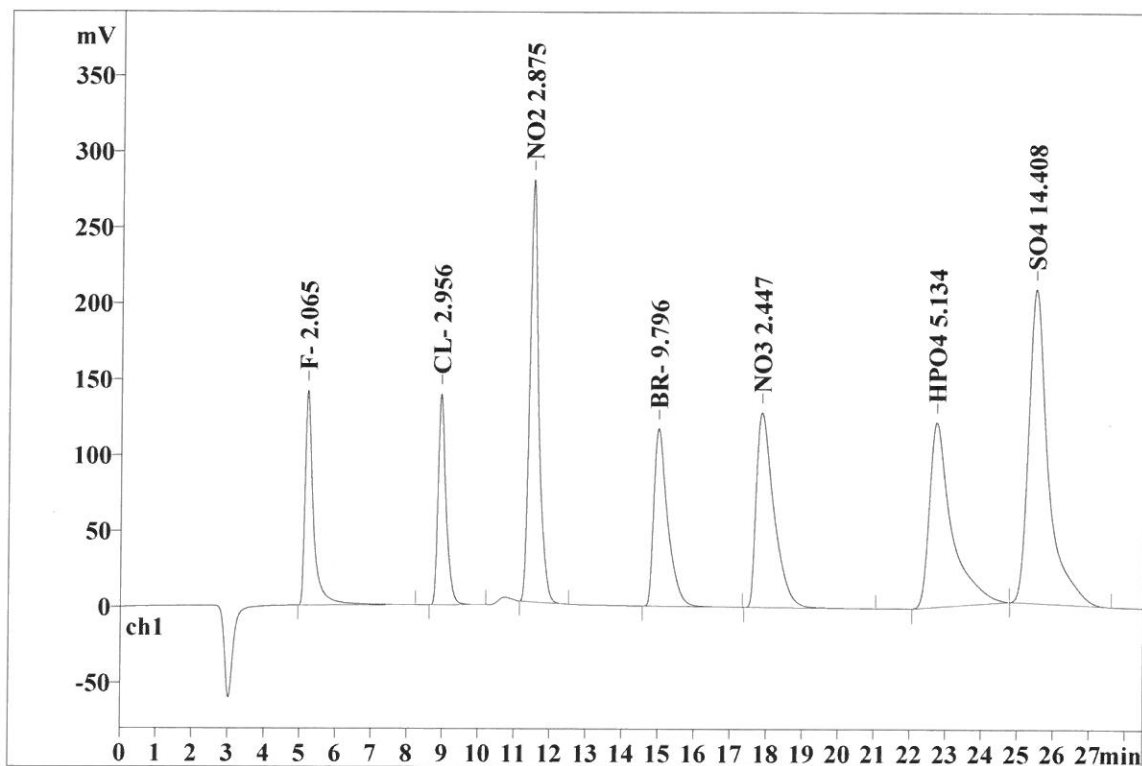
Ident: LB99471BSW
Analysis from: 11/28/2018 10:34:53 AM
File: _2018-11-28_

Last save: 11/29/2018 1:59:17 PM

Method: AnionsIC2-112118.mtw
Run operator: wet
Analysis number: 18892

Last save: 11/28/2018 8:21

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 mV	Height %	Area mV*sec	Area %
1	5.20	0.215	141.75	12.50	2320.991	7.77
2	8.93	0.223	139.32	12.28	2136.933	7.15
3	11.49	0.248	278.61	24.57	4856.822	16.26
4	14.99	0.390	117.10	10.32	3120.625	10.44
5	17.85	0.506	128.52	11.33	4347.544	14.55
6	22.72	0.563	121.73	10.73	5254.266	17.59
7	25.48	0.512	207.03	18.26	7841.332	26.24
7	28.50	0.380	1134.06	100.00	29878.512	100.00

This report has been created by IC Net
METROHM LTD

Report date: 11/29/2018 2:00:06 PM
Printed by: wet

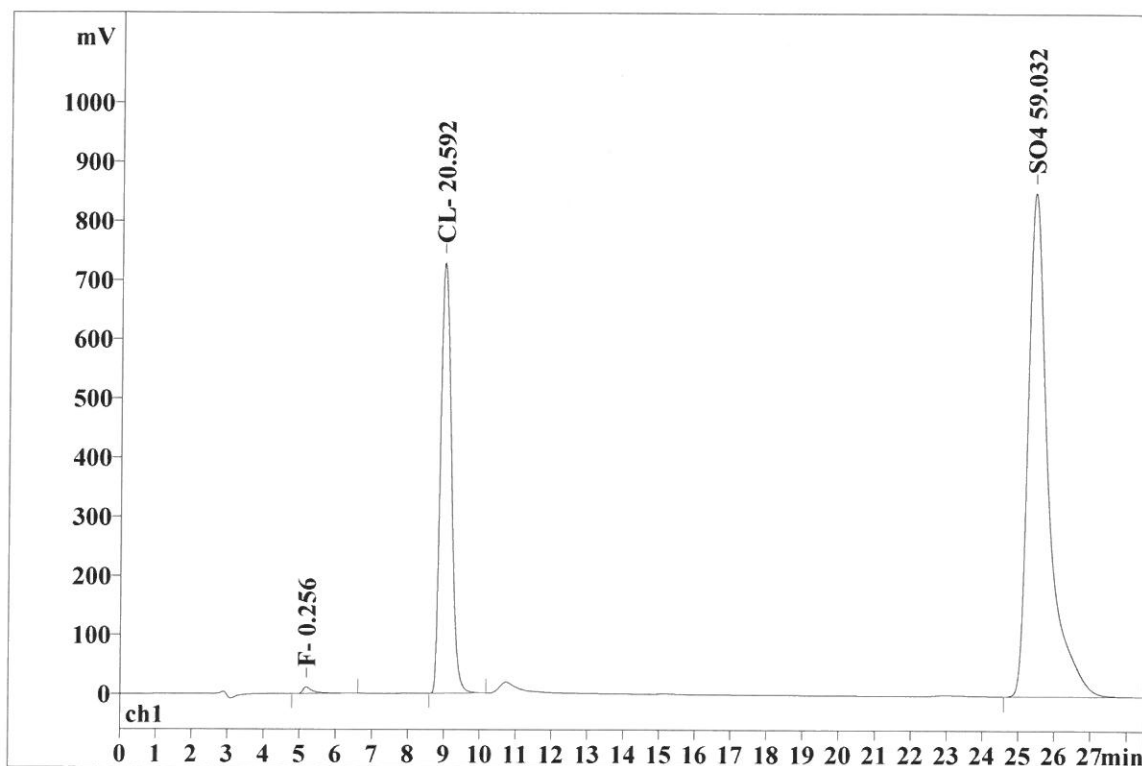
Ident: J6081-01RE
Analysis from: 11/28/2018 11:08:36 AM
File: _2018-11-28_

Last save: 11/29/2018 2:00:04 PM

Method: AnionsIC2-112118.mtw
Run operator: wet
Analysis number: 18893

Last save: 11/28/2018 8:21

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 mV	Height %	Area mV*sec	Area %
1	5.19	0.248	11.13	0.70	225.314	0.46
2	8.98	0.333	727.99	45.76	15331.261	31.33
3	0.00	0.000	0.00	0.00	0.000	0.00
4	0.00	0.000	0.00	0.00	0.000	0.00
5	0.00	0.000	0.00	0.00	0.000	0.00
6	0.00	0.000	0.00	0.00	0.000	0.00
7	25.42	0.535	851.90	53.54	33375.583	68.21
7	28.50	0.160	1591.02	100.00	48932.158	100.00

This report has been created by IC Net
METROHM LTD

Report date: 11/29/2018 2:01:26 PM
Printed by: wet

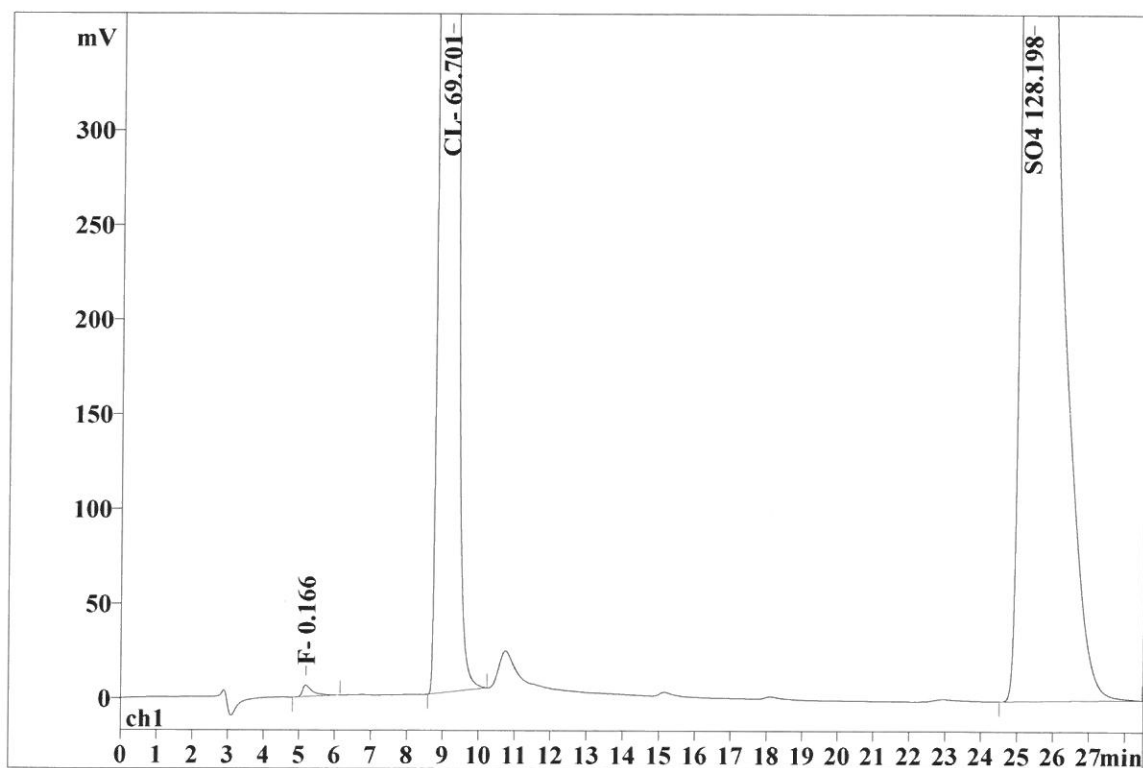
Ident: J6081-02RE
Analysis from: 11/28/2018 11:40:05 AM
File: _2018-11-28_

Last save: 11/29/2018 2:01:22 PM

Method: AnionsIC2-112118.mtw
Run operator: wet
Analysis number: 18894

Last save: 11/28/2018 8:21

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 mV	Height %	Area mV*sec	Area %
1	5.19	0.260	6.08	0.17	120.180	0.10
2	9.13	0.419	1924.82	52.79	52071.192	41.61
3	0.00	0.000	0.00	0.00	0.000	0.00
4	0.00	0.000	0.00	0.00	0.000	0.00
5	0.00	0.000	0.00	0.00	0.000	0.00
6	0.00	0.000	0.00	0.00	0.000	0.00
7	25.32	0.597	1719.21	47.15	72953.197	58.30
7	28.50	0.182	3650.10	100.10	125144.569	100.00

This report has been created by IC Net
METROHM LTD

Report date: 11/29/2018 2:03:12 PM
Printed by: wet

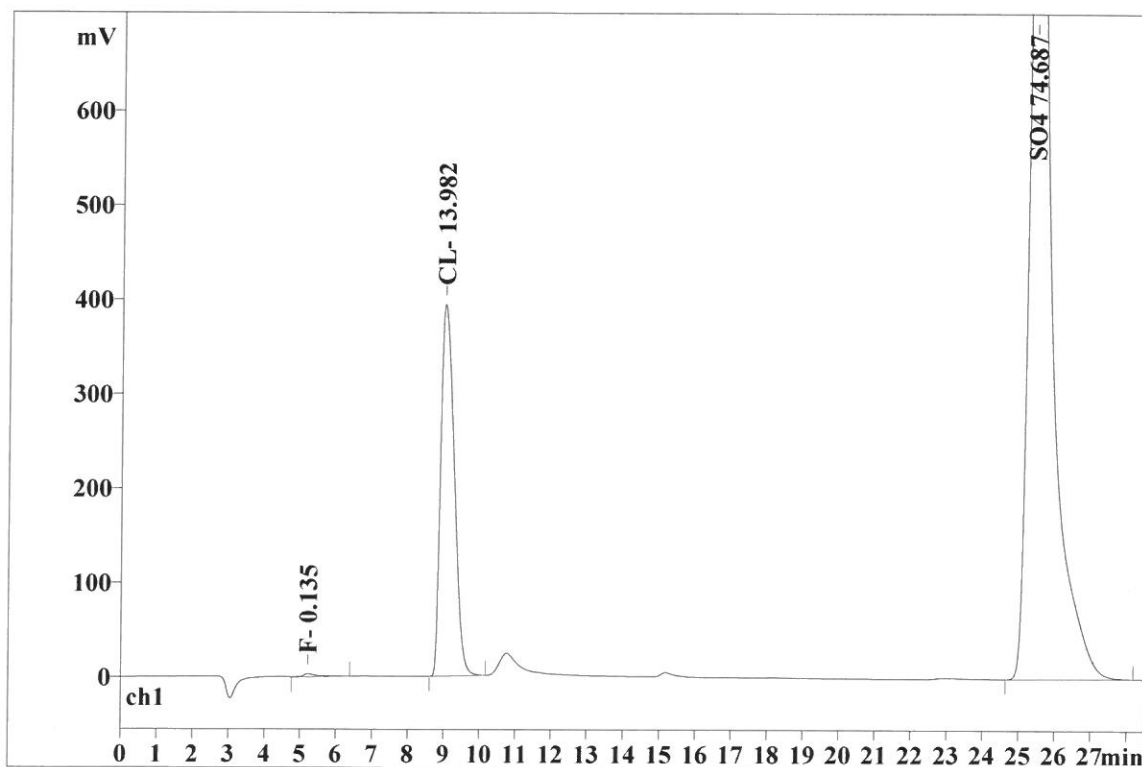
Ident: J6081-03RE
Analysis from: 11/28/2018 12:11:33 PM
File: _2018-11-28_

Last save: 11/29/2018 2:03:11 PM

Method: AnionsIC2-112118.mtw
Run operator: wet
Analysis number: 18895

Last save: 11/28/2018 8:21

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 mV	Height %	Area mV*sec	Area %
1	5.21	0.302	3.34	0.23	84.678	0.16
2	9.00	0.425	393.65	27.14	10385.791	19.67
3	0.00	0.000	0.00	0.00	0.000	0.00
4	0.00	0.000	0.00	0.00	0.000	0.00
5	0.00	0.000	0.00	0.00	0.000	0.00
6	0.00	0.000	0.00	0.00	0.000	0.00
7	25.43	0.550	1053.48	72.63	42333.558	80.17
7	28.50	0.182	1450.48	100.00	52804.027	100.00

This report has been created by IC Net
METROHM LTD

Report date: 11/29/2018 2:04:14 PM
Printed by: wet

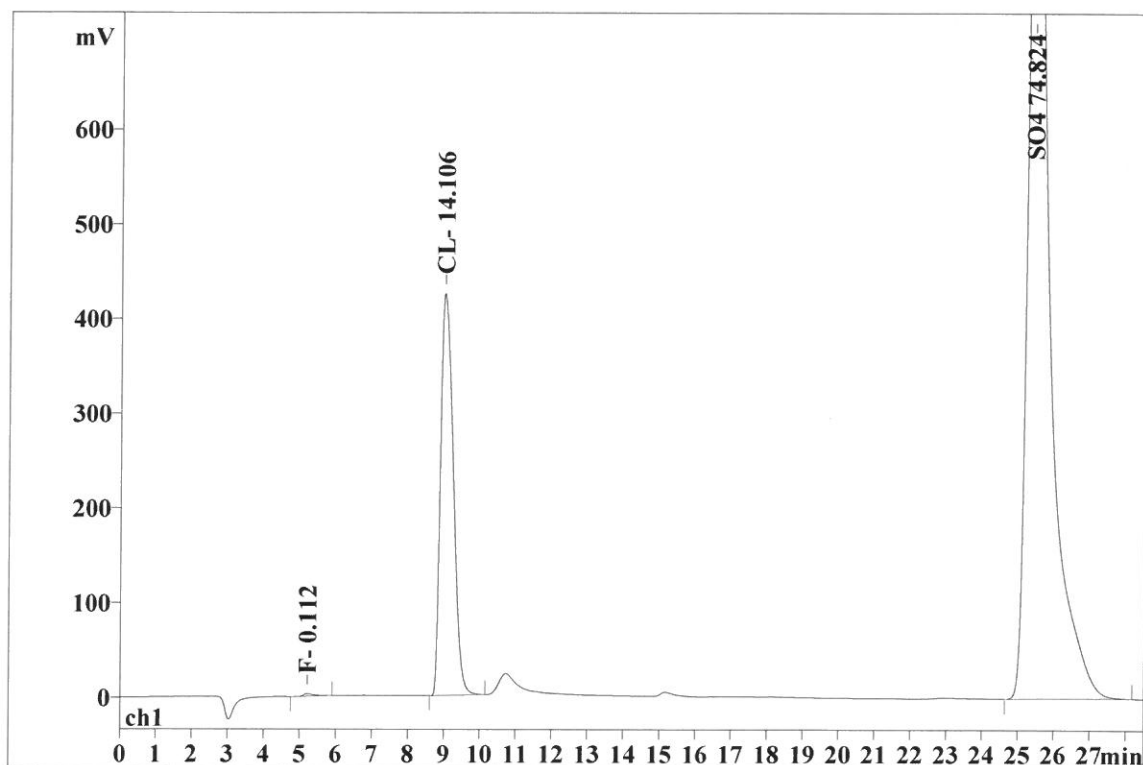
Ident: J6081-04RE
Analysis from: 11/28/2018 12:43:01 PM
File: _2018-11-28_

Last save: 11/29/2018 2:04:14 PM

Method: AnionsIC2-112118.mtw
Run operator: wet
Analysis number: 18896

Last save: 11/28/2018 8:21

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 mV	Height %	Area mV*sec	Area %
1	5.21	0.287	2.73	0.18	57.552	0.11
2	9.00	0.396	424.79	28.61	10478.906	19.79
3	0.00	0.000	0.00	0.00	0.000	0.00
4	0.00	0.000	0.00	0.00	0.000	0.00
5	0.00	0.000	0.00	0.00	0.000	0.00
6	0.00	0.000	0.00	0.00	0.000	0.00
7	25.43	0.548	1057.28	71.21	42412.410	80.10
7	28.50	0.176	1484.81	100.00	52948.868	100.00

This report has been created by IC Net
METROHM LTD

Report date: 11/29/2018 2:04:44 PM
Printed by: wet

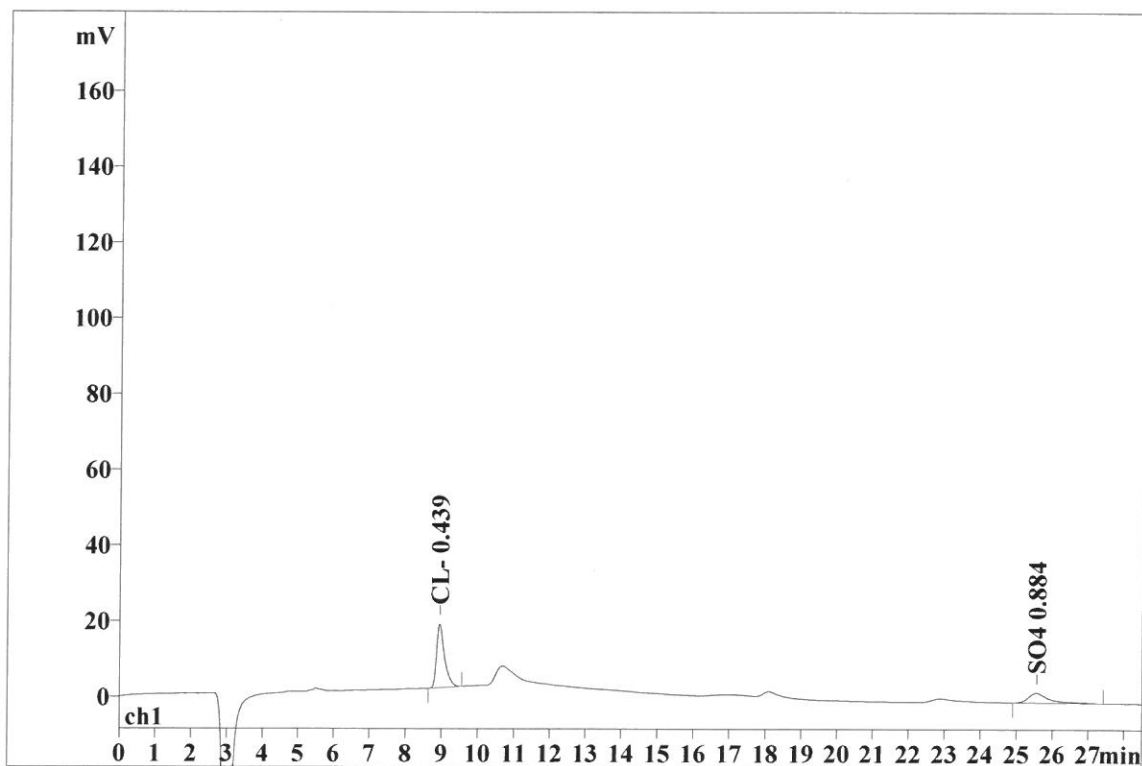
Ident: J6081-05RE
Analysis from: 11/28/2018 1:14:29 PM
File: _2018-11-28_

Last save: 11/28/2018 1:42:59 PM

Method: AnionsIC2-112118.mtw
Run operator: wet
Analysis number: 18897

Last save: 11/28/2018 8:21

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 mV	Height %	Area mV*sec	Area %
1	0.00	0.000	0.00	0.00	0.000	0.00
2	8.94	0.219	16.81	86.64	253.898	71.22
3	0.00	0.000	0.00	0.00	0.000	0.00
4	0.00	0.000	0.00	0.00	0.000	0.00
5	0.00	0.000	0.00	0.00	0.000	0.00
6	0.00	0.000	0.00	0.00	0.000	0.00
7	25.55	0.524	2.59	13.34	102.615	28.78
7	28.50	0.106	19.40	99.99	356.514	100.00

This report has been created by IC Net
METROHM LTD

Report date: 11/29/2018 2:04:59 PM
Printed by: wet

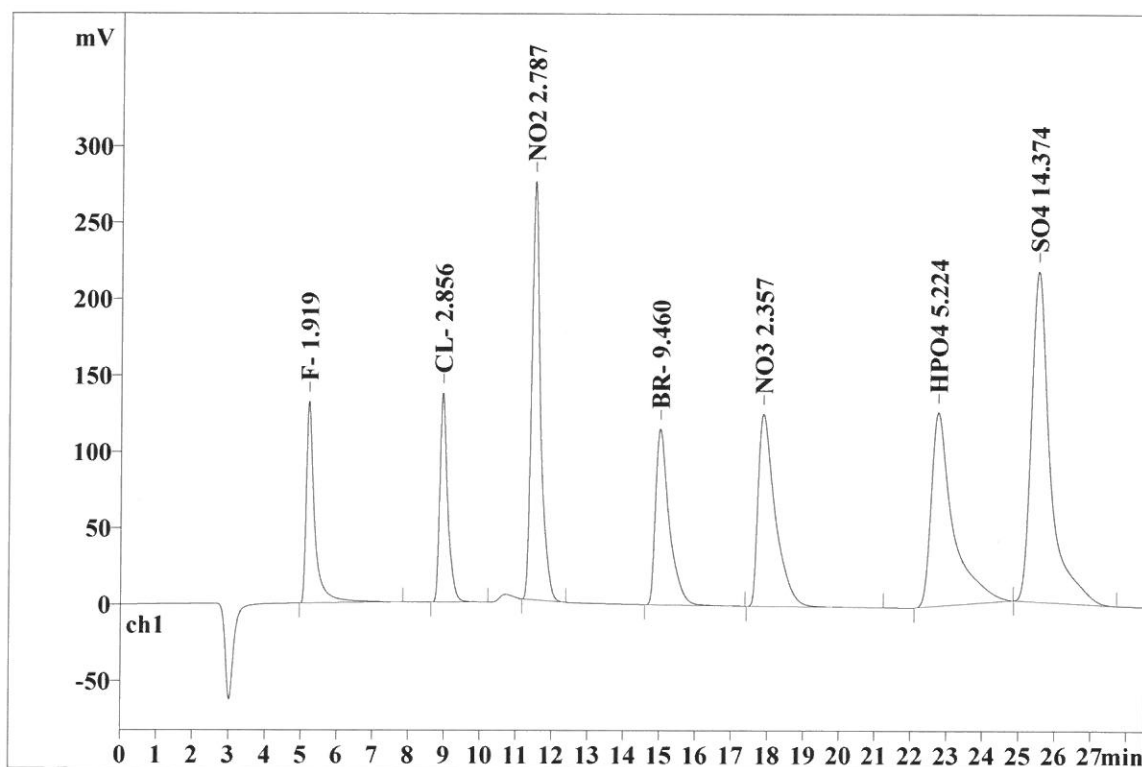
Ident: CCV
Analysis from: 11/28/2018 3:53:00 PM
File: _2018-11-28_

Last save: 11/28/2018 4:21:31 PM

Method: AnionsIC2-112118.mtw
Run operator: wet
Analysis number: 18903

Last save: 11/28/2018 8:21

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 mV	Height %	Area mV*sec	Area %
1	5.20	0.211	132.19	11.72	2151.217	7.35
2	8.94	0.214	137.06	12.16	2062.217	7.05
3	11.51	0.241	274.23	24.32	4699.690	16.06
4	15.01	0.374	115.08	10.21	3009.673	10.29
5	17.87	0.484	125.84	11.16	4180.361	14.29
6	22.75	0.536	126.71	11.24	5330.448	18.22
7	25.52	0.483	216.33	19.19	7822.154	26.74
7	28.50	0.363	1127.44	100.00	29255.760	100.00

This report has been created by IC Net
METROHM LTD

Report date: 11/29/2018 2:07:36 PM
Printed by: wet

Ident: CCB
Analysis from: 11/28/2018 5:04:12 PM
File: _2018-11-28_

Last save: 11/29/2018 2:07:25 PM

Method: AnionsIC2-112118.mtw
Run operator: wet
Analysis number: 18904

Last save: 11/28/2018 8:21

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 mV	Height %	Area mV*sec	Area %
1	0.00	0.000	0.00	0.00	0.000	0.00
2	8.94	0.213	5.44	99.97	81.036	100.00
3	0.00	0.000	0.00	0.00	0.000	0.00
4	0.00	0.000	0.00	0.00	0.000	0.00
5	0.00	0.000	0.00	0.00	0.000	0.00
6	0.00	0.000	0.00	0.00	0.000	0.00
7	0.00	0.000	0.00	0.00	0.000	0.00
7	28.50	0.030	5.44	99.97	81.036	100.00

This report has been created by IC Net
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Report date: 11/29/2018 2:09:12 PM
Printed by: wet

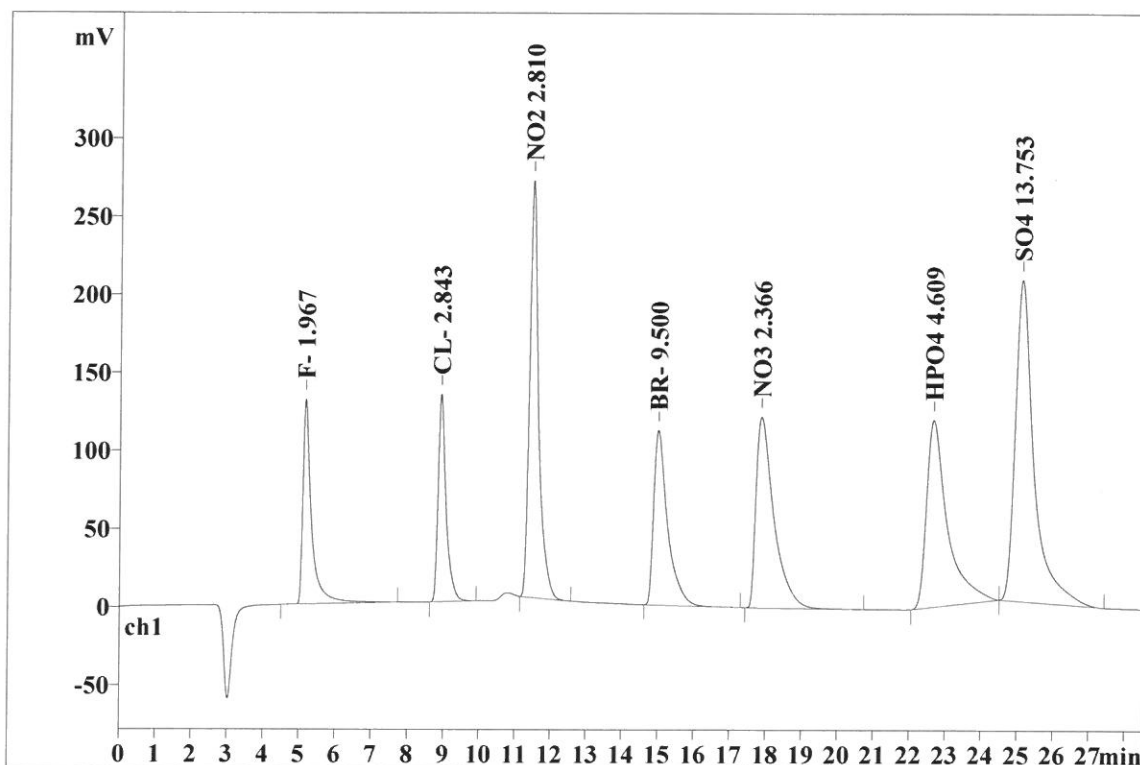
Ident: CCV
Analysis from: 11/29/2018 8:13:44 AM
File: _2018-11-29_

Last save: 11/29/2018 8:42:14 AM

Method: AnionsIC2-112118.mtw
Run operator: wet
Analysis number: 18911

Last save: 11/28/2018 8:21

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 mV	Height %	Area mV*sec	Area %
1	5.17	0.214	131.22	12.03	2207.163	7.74
2	8.91	0.218	132.85	12.18	2052.373	7.20
3	11.48	0.249	267.12	24.50	4739.944	16.63
4	15.00	0.385	111.75	10.25	3022.729	10.61
5	17.87	0.497	122.06	11.19	4198.163	14.73
6	22.65	0.535	119.64	10.97	4811.449	16.88
7	25.12	0.490	205.74	18.87	7466.656	26.20
7	28.50	0.370	1090.39	100.00	28498.477	100.00

This report has been created by IC Net
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Report date: 11/29/2018 2:09:33 PM
Printed by: wet

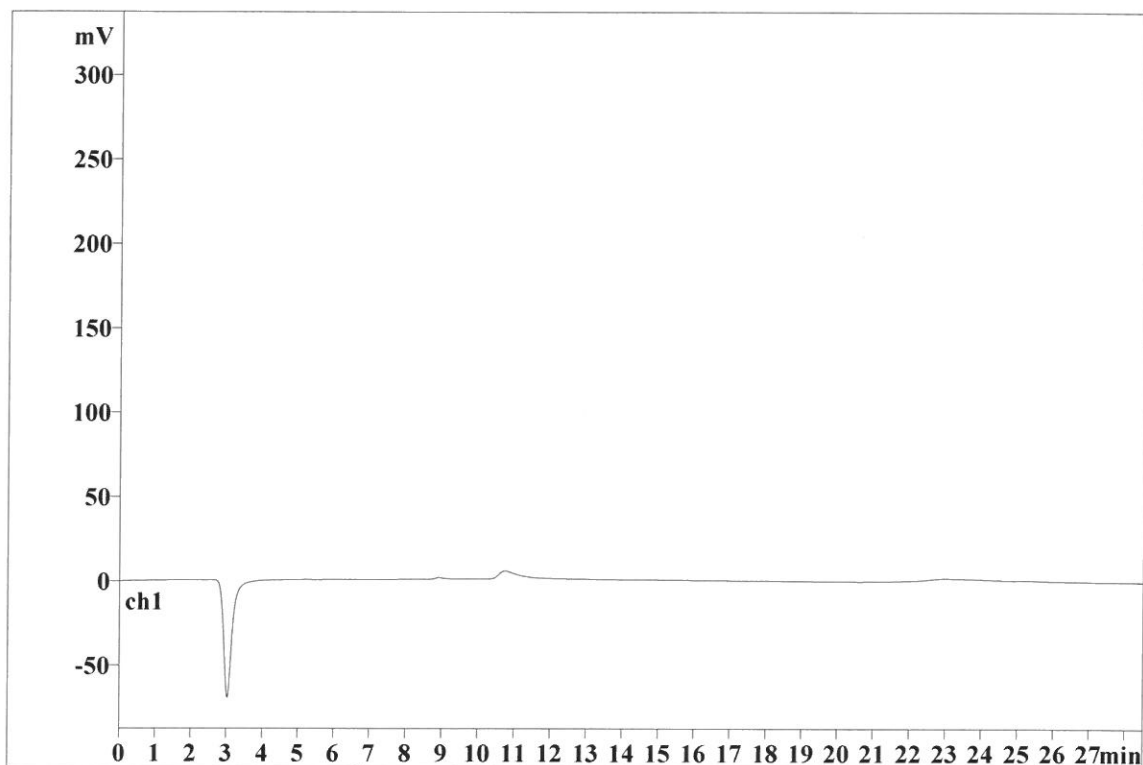
Ident: CCB
Analysis from: 11/29/2018 9:12:51 AM
File: _2018-11-29_

Last save: 11/29/2018 2:09:30 PM

Method: AnionsIC2-112118.mtw
Run operator: wet
Analysis number: 18912

Last save: 11/28/2018 8:21

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 11/29/2018 2:09:43 PM
Printed by: wet

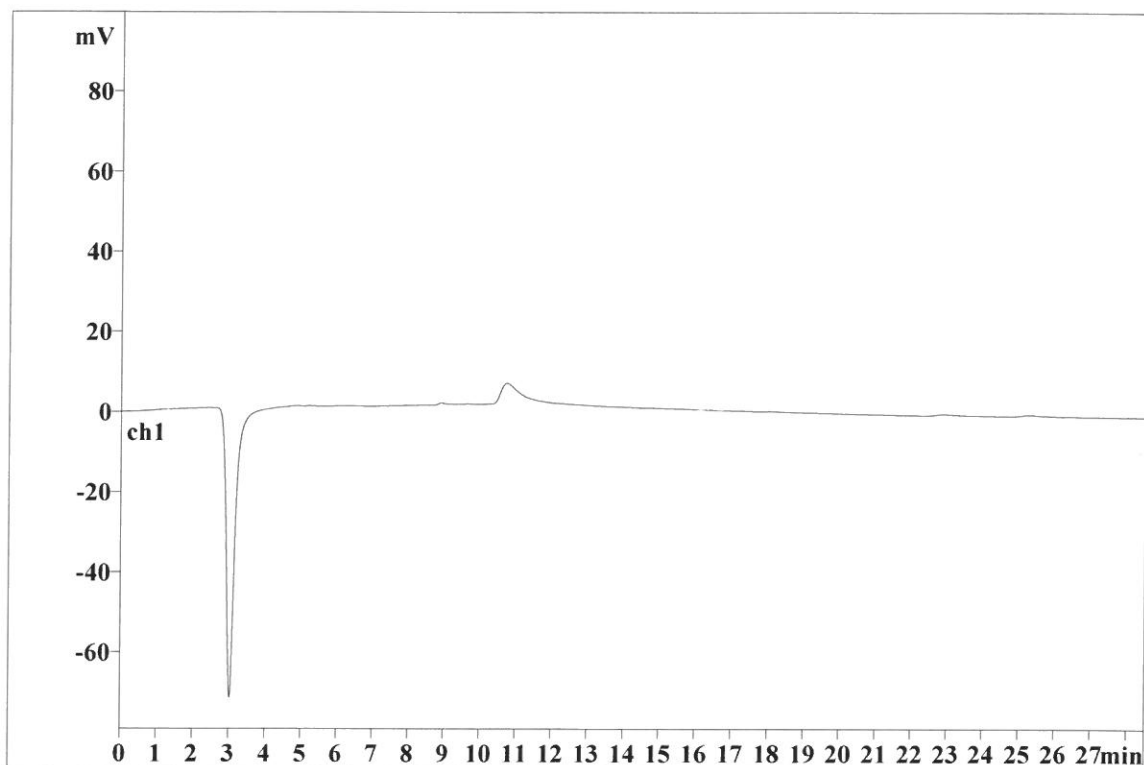
Ident: LB99471BLW2
Analysis from: 11/29/2018 9:44:19 AM
File: _2018-11-29_

Last save: 11/29/2018 2:08:18 PM

Method: AnionsIC2-112118.mtw
Run operator: wet
Analysis number: 18913

Last save: 11/28/2018 8:21

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 11/29/2018 2:09:53 PM
Printed by: wet

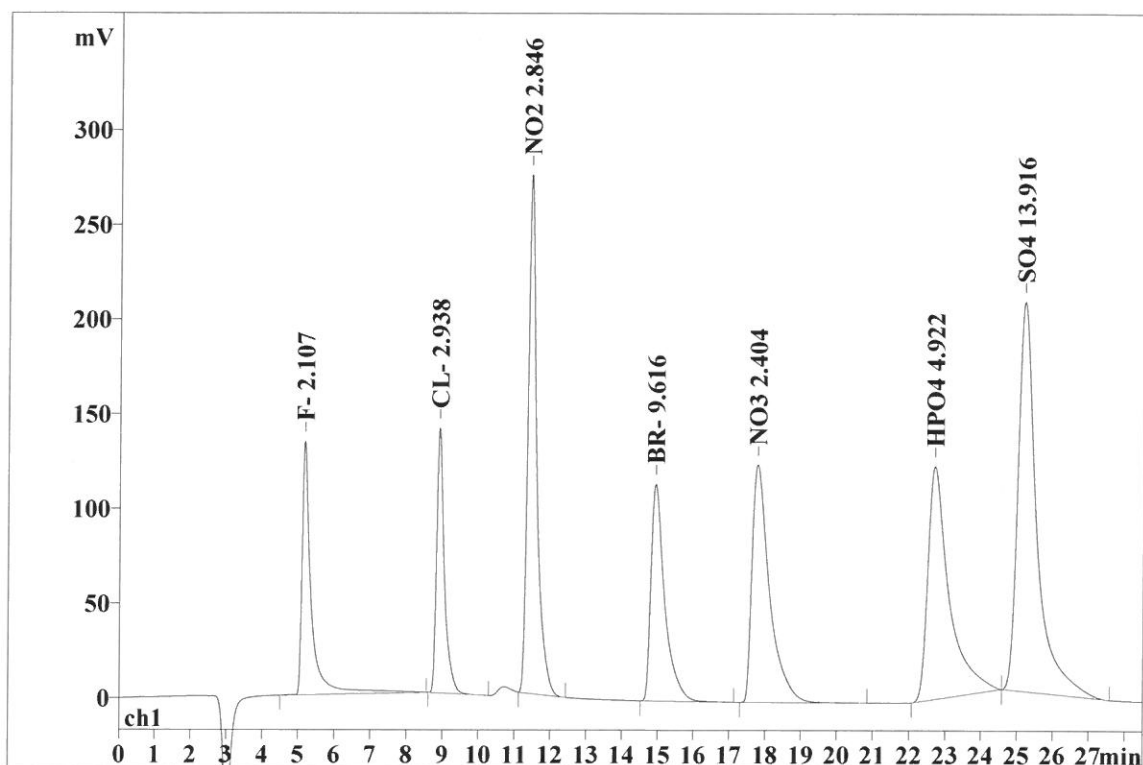
Ident: LB99471BSW2
Analysis from: 11/29/2018 10:15:47 AM
File: _2018-11-29_

Last save: 11/29/2018 2:08:18 PM

Method: AnionsIC2-112118.mtw
Run operator: wet
Analysis number: 18914

Last save: 11/28/2018 8:21

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 mV	Height %	Area mV*sec	Area %
1	5.18	0.210	134.13	12.00	2369.300	8.10
2	8.90	0.212	140.06	12.53	2123.427	7.26
3	11.45	0.245	274.22	24.54	4804.928	16.42
4	14.93	0.377	114.61	10.26	3061.375	10.46
5	17.78	0.488	125.48	11.23	4268.241	14.59
6	22.70	0.548	123.09	11.01	5075.551	17.34
7	25.21	0.494	205.86	18.42	7560.034	25.83
7	28.50	0.368	1117.45	100.00	29262.857	100.00

This report has been created by IC Net
METROHM LTD

Report date: 11/29/2018 2:10:28 PM
Printed by: wet

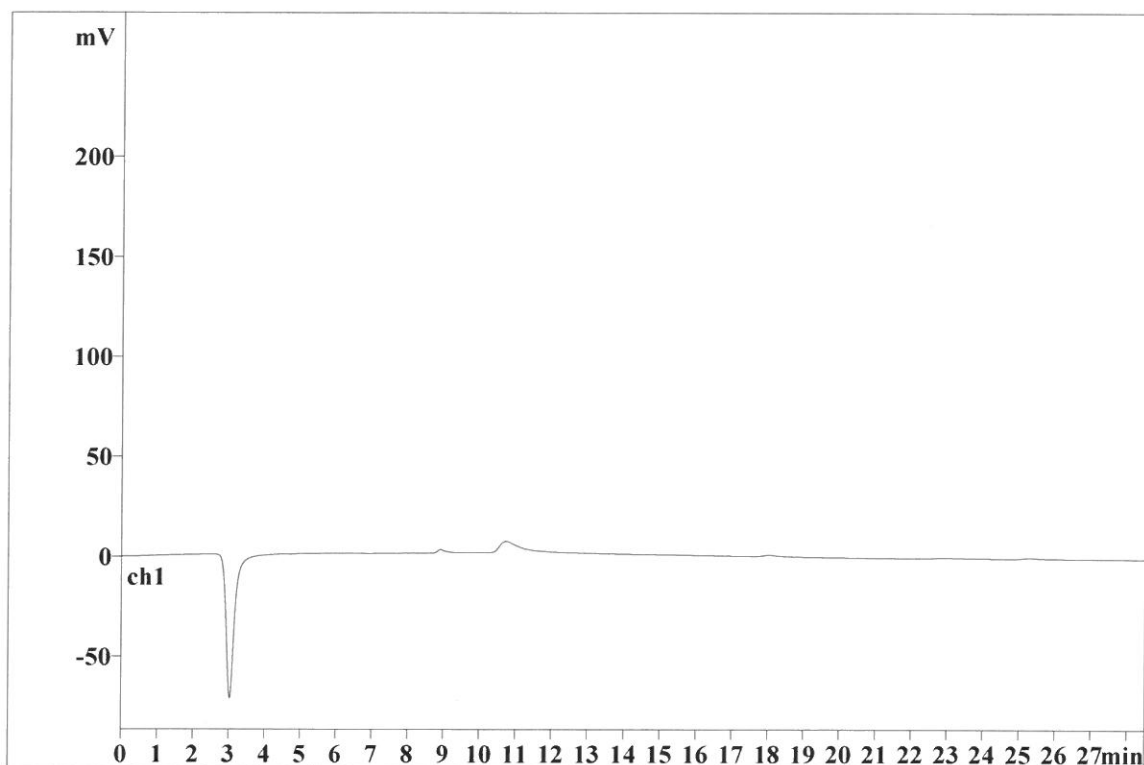
Ident: J6097-01
Analysis from: 11/29/2018 11:24:33 AM
File: _2018-11-29_

Last save: 11/29/2018 11:53:03 AM

Method: AnionsIC2-112118.mtw
Run operator: wet
Analysis number: 18916

Last save: 11/28/2018 8:21

SAMPLE:
: AK/AP
Vial number: 15
Volume: 20.0 μ L
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 11/29/2018 2:10:45 PM
Printed by: wet

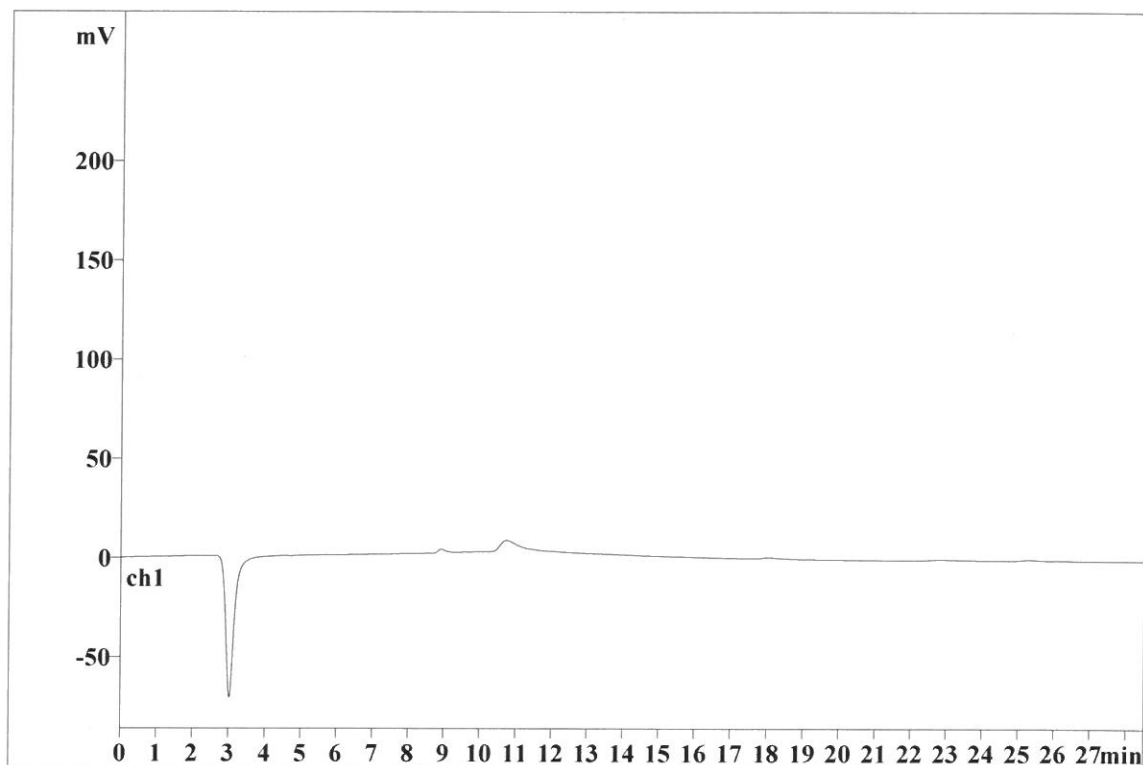
Ident: J6097-01DUP
Analysis from: 11/29/2018 11:56:01 AM
File: _2018-11-29_

Last save: 11/29/2018 12:24:31 PM

Method: AnionsIC2-112118.mtw
Run operator: wet
Analysis number: 18917

Last save: 11/28/2018 8:21

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 11/29/2018 2:11:00 PM
Printed by: wet

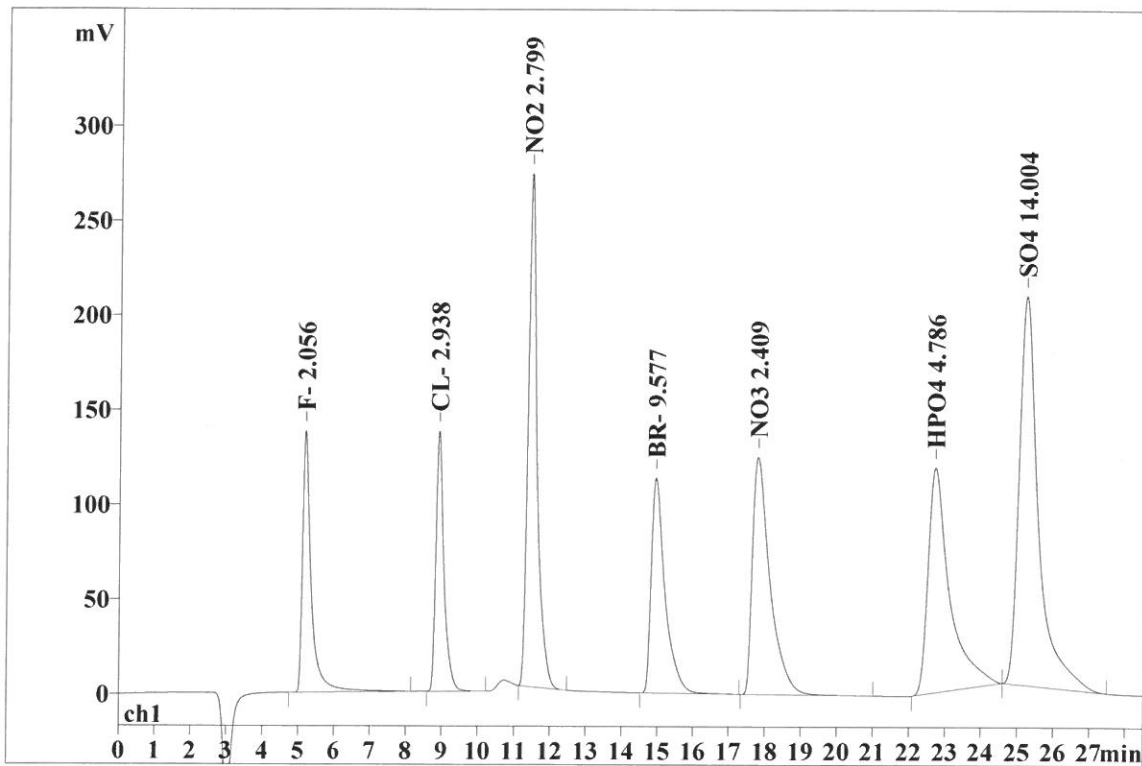
Ident: J6097-01MS
Analysis from: 11/29/2018 12:27:31 PM
File: _2018-11-29_

Last save: 11/29/2018 12:56:01 PM

Method: AnionsIC2-112118.mtw
Run operator: wet
Analysis number: 18918

Last save: 11/28/2018 8:21

SAMPLE:
: AK/AP
Vial number: 17
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	5.18	0.217	138.30	12.46	2310.238	7.95
2	8.91	0.218	137.55	12.39	2123.905	7.31
3	11.46	0.244	271.19	24.42	4721.264	16.25
4	14.94	0.382	113.50	10.22	3048.359	10.49
5	17.79	0.493	125.28	11.28	4277.264	14.72
6	22.71	0.550	118.88	10.71	4960.641	17.08
7	25.22	0.498	205.64	18.52	7610.095	26.19
7	28.50	0.372	1110.34	100.00	29051.766	100.00

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Report date: 11/29/2018 2:11:29 PM
Printed by: wet

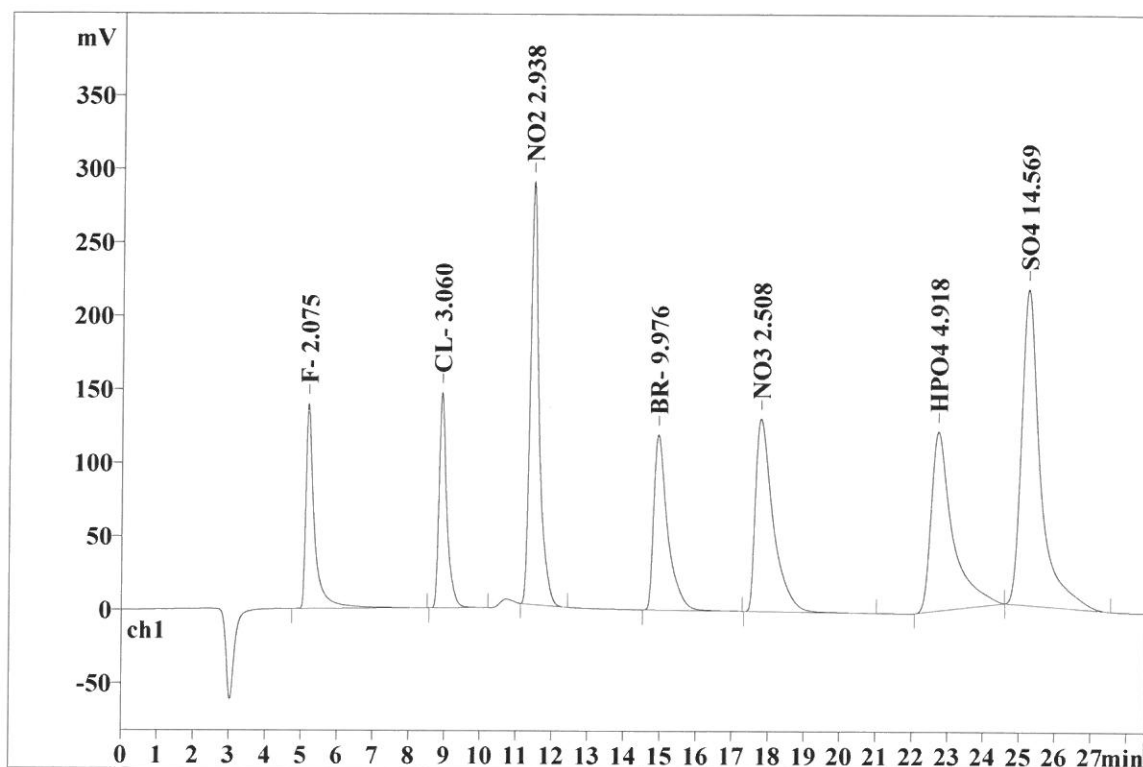
Ident: J6097-01MSD
Analysis from: 11/29/2018 12:59:01 PM
File: _2018-11-29_

Last save: 11/29/2018 1:27:31 PM

Method: AnionsIC2-112118.mtw
Run operator: wet
Analysis number: 18919

Last save: 11/28/2018 8:21

SAMPLE:
: AK/AP
Vial number: 18
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	5.18	0.211	139.49	12.01	2332.585	7.73
2	8.90	0.213	146.66	12.63	2214.841	7.34
3	11.46	0.241	287.91	24.79	4967.326	16.47
4	14.93	0.378	119.31	10.27	3180.235	10.54
5	17.78	0.490	130.99	11.28	4459.382	14.79
6	22.71	0.548	121.90	10.50	5071.914	16.82
7	25.23	0.496	214.99	18.51	7933.379	26.30
7	28.50	0.368	1161.25	100.00	30159.661	100.00

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Report date: 11/29/2018 2:12:03 PM
Printed by: wet

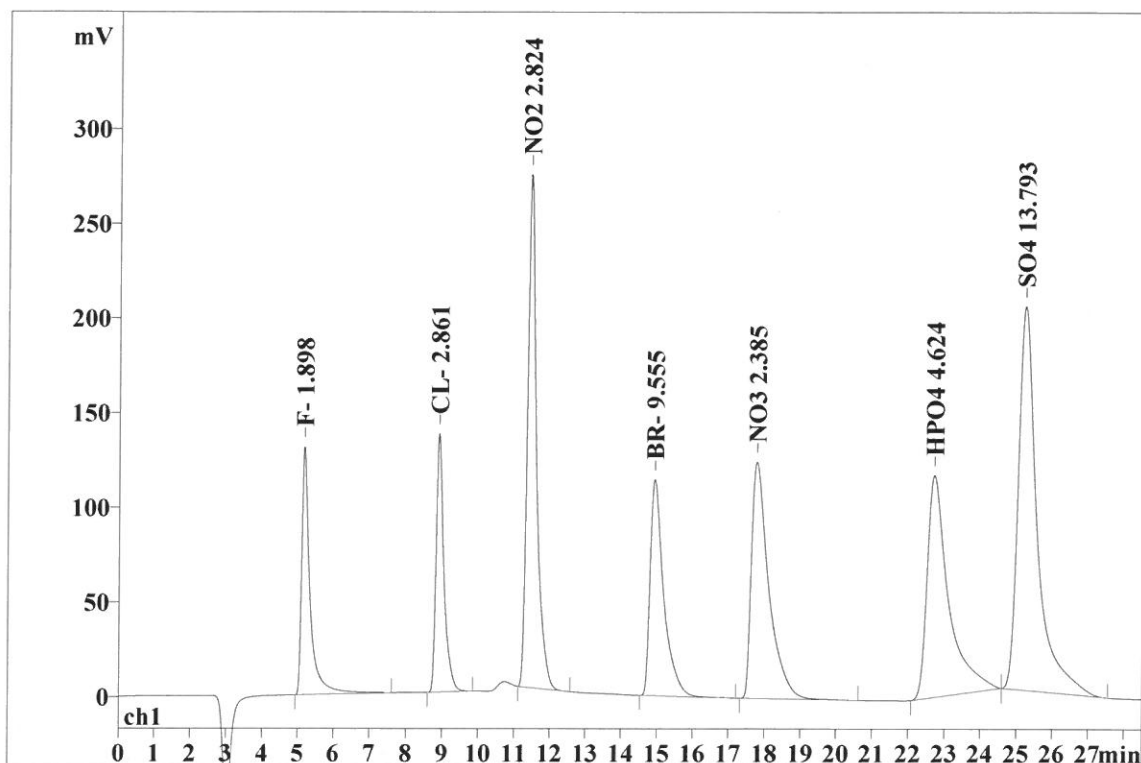
Ident: CCV
Analysis from: 11/29/2018 1:30:36 PM
File: _2018-11-29_

Last save: 11/29/2018 1:59:06 PM

Method: AnionsIC2-112118.mtw
Run operator: wet
Analysis number: 18920

Last save: 11/28/2018 8:21

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 mV	Height %	Area mV*sec	Area %
1	5.18	0.208	131.07	11.94	2127.376	7.45
2	8.90	0.214	136.63	12.44	2066.067	7.24
3	11.45	0.246	271.26	24.70	4764.890	16.69
4	14.93	0.378	114.27	10.41	3041.161	10.65
5	17.77	0.488	124.86	11.37	4232.805	14.83
6	22.71	0.543	117.30	10.68	4823.805	16.90
7	25.23	0.496	202.77	18.46	7489.731	26.24
7	28.50	0.367	1098.16	100.00	28545.835	100.00

This report has been created by IC Net
METROHM LTD

Report date: 11/30/2018 12:49:26 PM
Printed by: wet

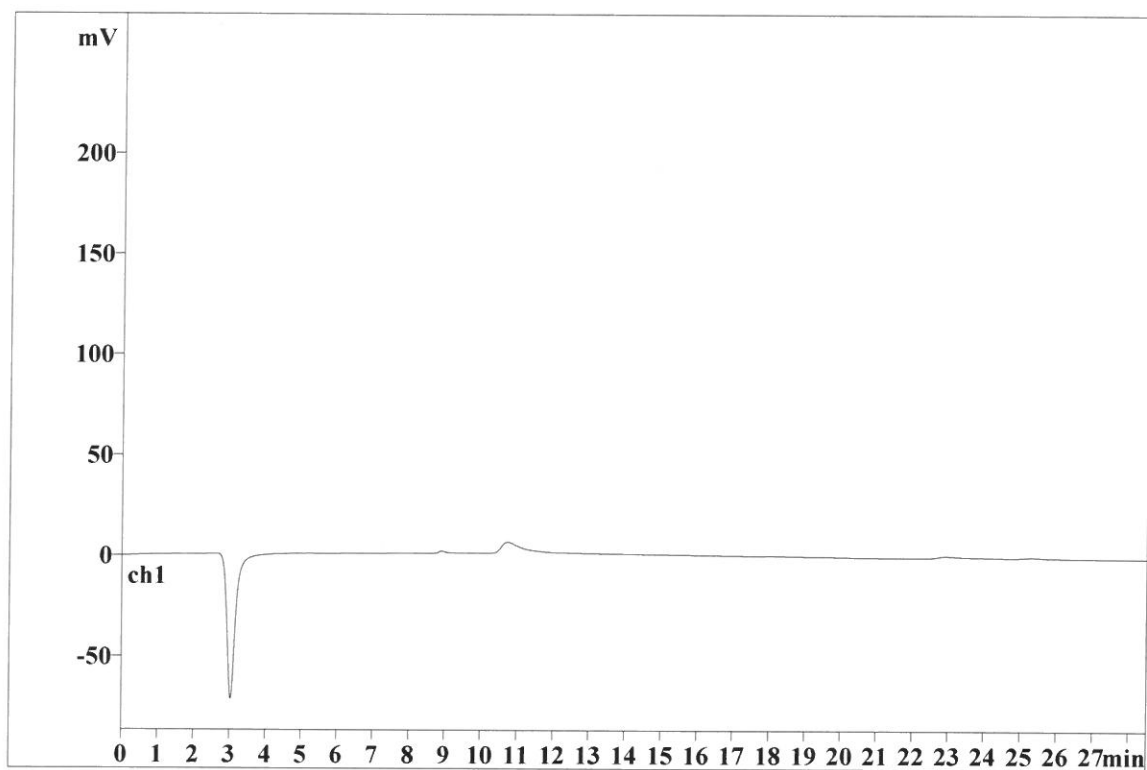
Ident: CCB
Analysis from: 11/29/2018 2:11:36 PM
File: _2018-11-29_

Last save: 11/29/2018 2:40:07 PM

Method: AnionsIC2-112118.mtw
Run operator: wet
Analysis number: 18921

Last save: 11/28/2018 8:21

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: 12/3/2018 11:22:02 AM
Printed by: wet

Ident: J6135-01
Analysis from: 11/29/2018 2:43:15 PM
File: _2018-11-29_

Last save: 12/3/2018 11:21:58 AM

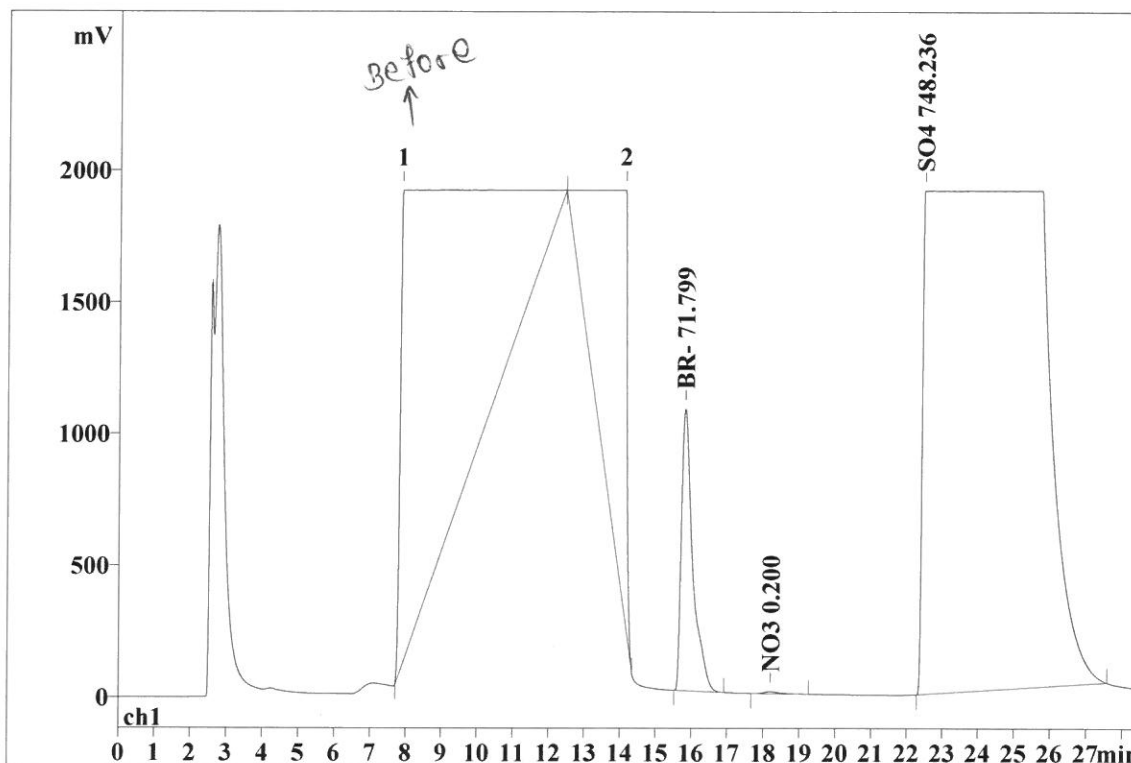
Method: AnionsIC2-112118.mtw
Run operator: wet
Analysis number: 18922

Last save: 11/28/2018 8:21

SAMPLE:

: AK/AP
Vial number: 19
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000

12-03-18
Peak was not integrated by software



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	0.00	0.000	0.00	0.00	0.000	0.00
2	0.00	0.000	0.00	0.00	0.000	0.00
3	0.00	0.000	0.00	0.00	0.000	0.00
4	15.81	0.304	1069.56	16.67	23619.005	2.97
5	18.20	0.414	6.97	0.11	204.298	0.03
6	22.46	3.639	1911.77	29.79	427746.836	53.84
7	0.00	0.000	0.00	0.00	0.000	0.00
7	28.50	0.622	2988.30	46.57	451570.139	56.84

This report has been created by IC Net
METROHM LTD

Report date: 12/3/2018 11:24:10 AM
Printed by: wet

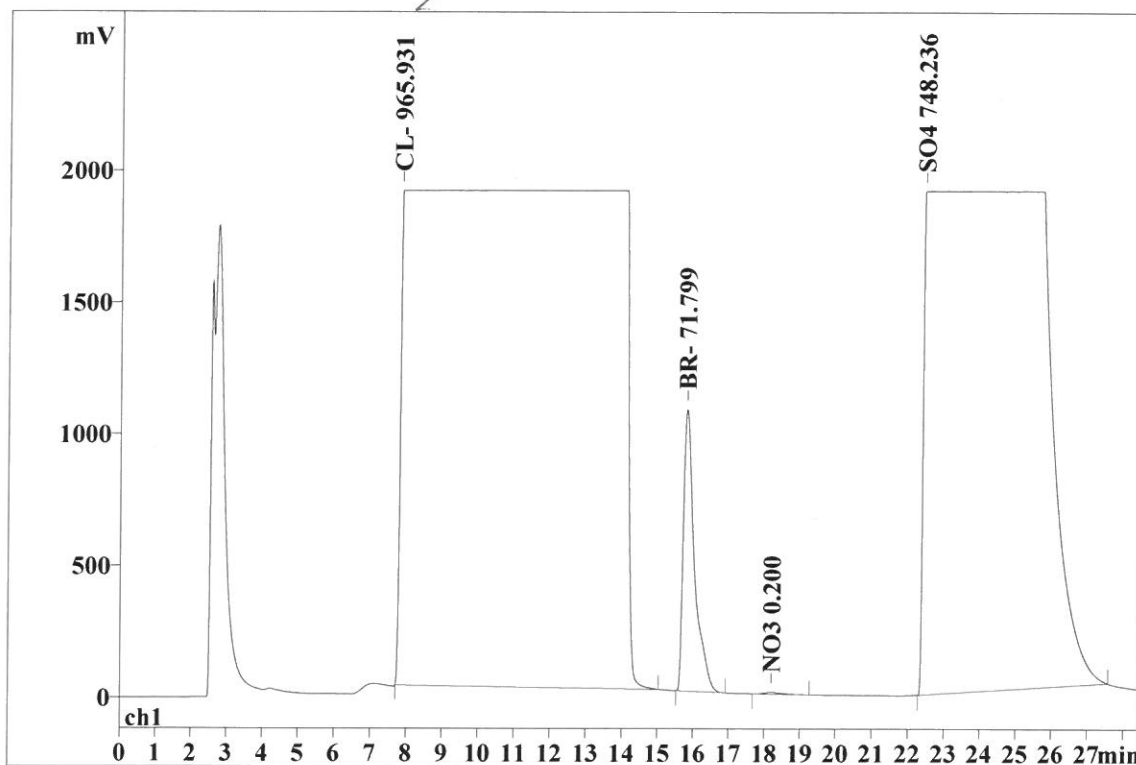
Ident: J6135-01
Analysis from: 11/29/2018 2:43:15 PM
File: _2018-11-29_
Manual peaks!
Method: AnionsIC2-112118.mtw
Run operator: wet
Analysis number: 18922

Last save: 12/3/2018 11:24:09 AM

Last save: 11/28/2018 8:21

SAMPLE:
:
Vial number: 19
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000

After
12-3-18
AR



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	0.00	0.000	0.00	0.00	0.000	0.00
2	7.87	6.366	1884.47	38.74	722572.767	61.54
3	0.00	0.000	0.00	0.00	0.000	0.00
4	15.81	0.304	1069.56	21.99	23619.005	2.01
5	18.20	0.414	6.97	0.14	204.298	0.02
6	22.46	3.639	1911.77	39.30	427746.836	36.43
7	0.00	0.000	0.00	0.00	0.000	0.00
7	28.50	1.532	4872.77	100.18	1174142.906	100.00

This report has been created by IC Net
METROHM LTD

Report date: 12/3/2018 11:25:29 AM
Printed by: wet

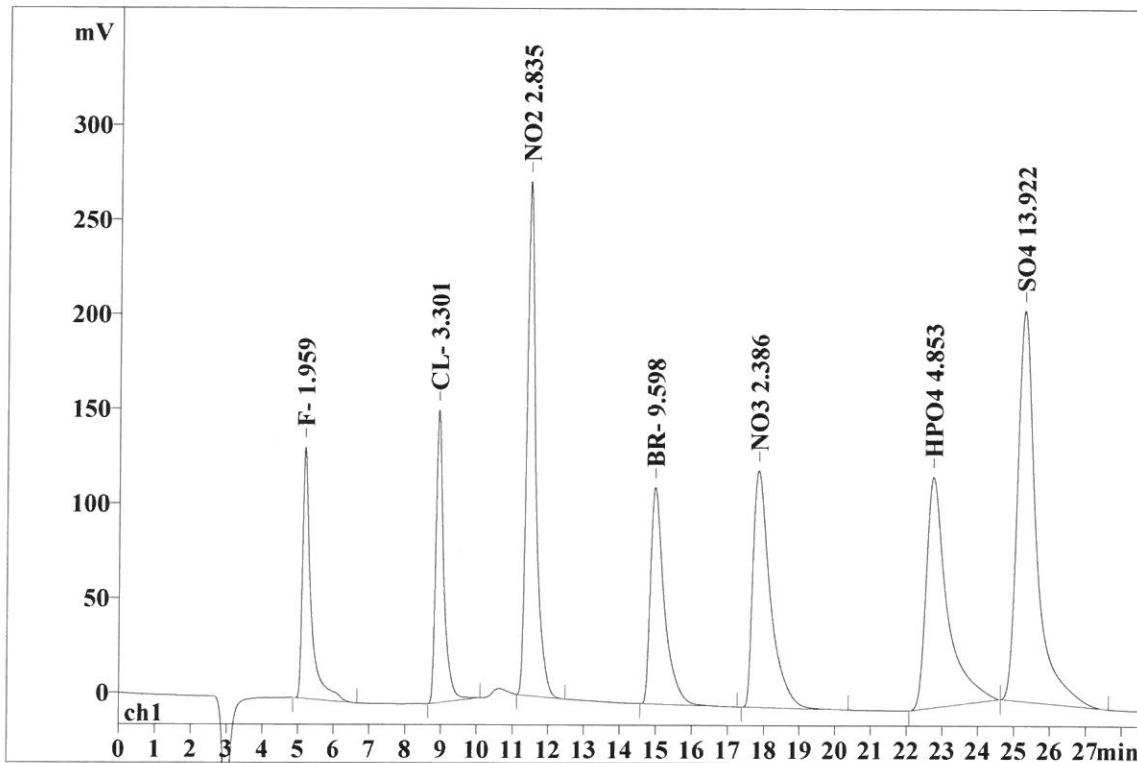
Ident: CCV
Analysis from: 11/29/2018 3:14:51 PM
File: _2018-11-29_

Last save: 11/29/2018 3:43:21 PM

Method: AnionsIC2-112118.mtw
Run operator: wet
Analysis number: 18923

Last save: 11/28/2018 8:21

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 mV	Height %	Area mV*sec	Area %
1	5.18	0.209	132.98	11.79	2197.832	7.51
2	8.92	0.215	154.76	13.72	2395.143	8.19
3	11.46	0.247	271.85	24.10	4784.159	16.36
4	14.97	0.378	114.65	10.16	3055.159	10.45
5	17.83	0.488	125.22	11.10	4234.971	14.48
6	22.72	0.544	121.94	10.81	5017.630	17.16
7	25.27	0.496	206.63	18.32	7563.499	25.86
7	28.50	0.368	1128.03	100.00	29248.392	100.00

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METROHM LTD

Report date: 12/3/2018 11:26:11 AM
Printed by: wet

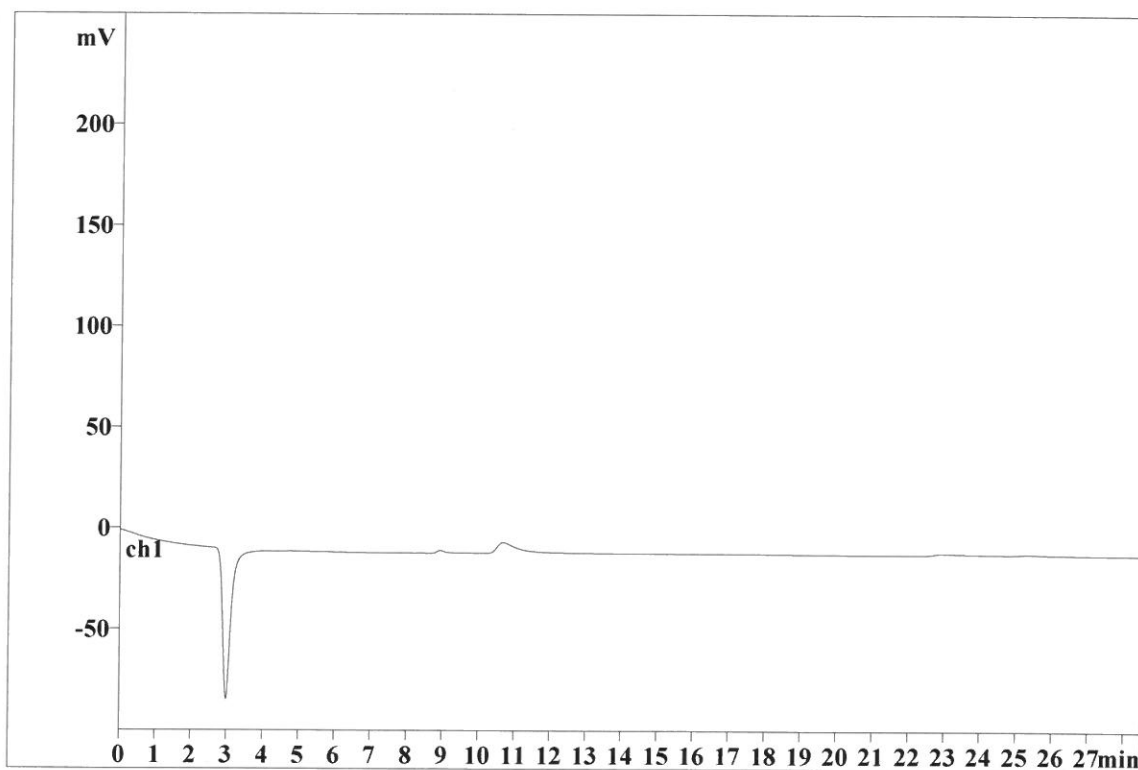
Ident: CCB
Analysis from: 11/29/2018 4:23:29 PM
File: _2018-11-29_

Last save: 11/29/2018 4:51:59 PM

Method: AnionsIC2-112118.mtw
Run operator: wet
Analysis number: 18926

Last save: 11/28/2018 8:21

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