LOD / LOQ for all anions

IC-2 9056A SOIL

07-17-19 AR

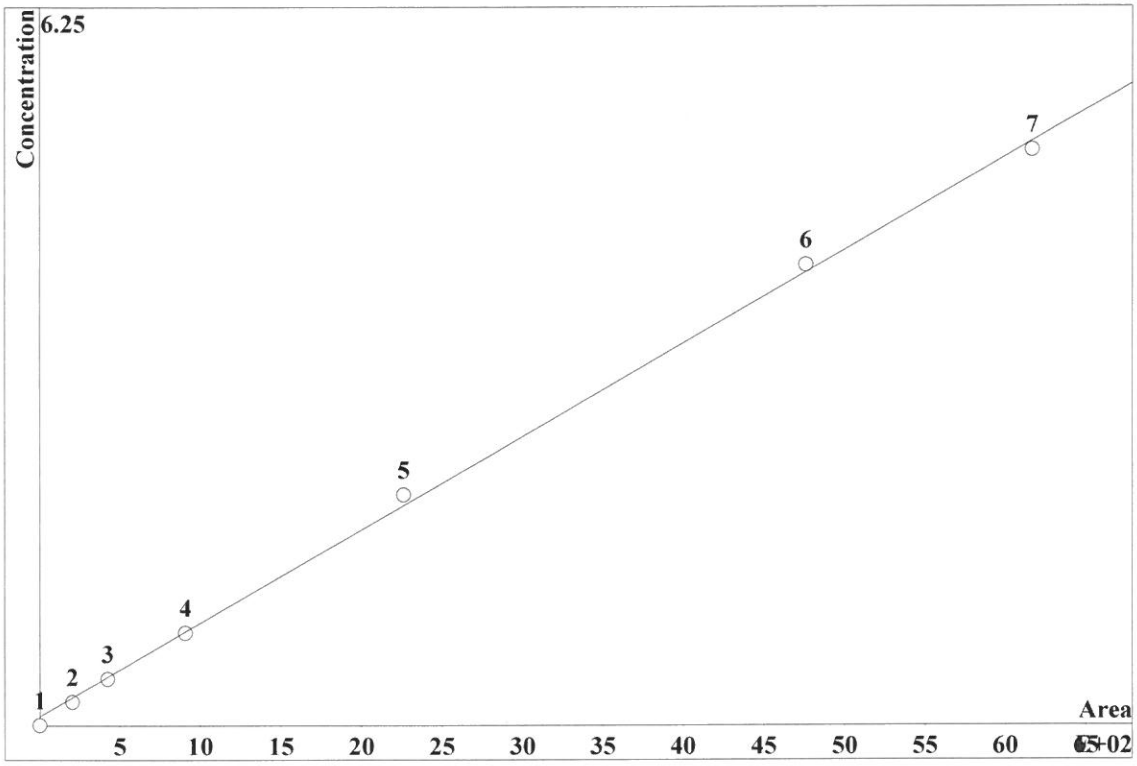
Clear table

ident	concentration F-	concentration CL-	concentration NO2	concentration BR-	concentration NO3	concentration HPO4	concentration 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	_2019-07-08_	7/8/19 9:35		AK/AP
STD2	0.2420	0.3890	0.3830	1.3210	0.3420	0.3220	2.0550	_2019-07-08_	7/8/19 10:06		AK/AP
STD3	0.4210	0.6550	0.6400	2.1650	0.5500	0.9890	3.2800	_2019-07-08_	7/8/19 10:37		AK/AP
STD4	0.8150	1.1770	1.1780	3.9280	0.9750	2.2410	5.8550	_2019-07-08_	7/8/19 11:08		AK/AP
STD5	1.9080	2.8470	2.8670	9.4790	2.3530	5.0560	14.1010	_2019-07-08_	7/8/19 11:39		AK/AP
STD6	3.9370	5.9130	5.9330	19.7000	4.9180	9.7840	29.5920	_2019-07-08_	7/8/19 12:10		AK/AP
STD7	5.0780	7.6190	7.5980	25.4080	6.3630	12.6080	38.1180	_2019-07-08_	7/8/19 12:41		AK/AP
ICV	1.9320	2.8850	2.8770	9.4280	2.3420	5.3290	14.1270	_2019-07-08_	7/8/19 15:12		AK/AP
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2019-07-08_	7/8/19 15:43		AK/AP
CCV	1.9070	2.7850	2.8120	9.2180	2.2880	4.7530	13.7410	_2019-07-16_	7/16/19 12:20		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2019-07-16_	7/16/19 12:59		AK/AP
LB104026BLS	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2019-07-16_	7/16/19 13:30	5.01g/100m	AK/AP
LB104026BSS	1.9530	2.7930	2.8020	9.1740	2.3090	5.0760	14.1160	_2019-07-16_	7/16/19 14:01	5.00g/100m	AK/AP
K3591-01	0.1490	0.2700	0.2530	0.8930	0.2410	0.0260	1.4310	_2019-07-16_	7/16/19 14:34	5.01g/100m	AK/AP
K3591-01RE	0.2400	0.3980	0.3790	1.3100	0.3420	0.3070	2.0500	_2019-07-16_	7/16/19 15:05	5.01g/100m	AK/AP
K3591-02	0.2430	0.4060	0.3830	1.3110	0.3510	0.3260	2.0540	_2019-07-16_	7/16/19 15:36	5.00g/100m	AK/AP
K3591-02RE	0.4390	0.6530	0.6380	2.1540	0.5510	1.0440	3.3280	_2019-07-16_	7/16/19 16:07	5.00g/100m	AK/AP
CCV	1.8680	2.7740	2.7980	9.1890	2.2840	4.8490	13.6820	_2019-07-16_	7/16/19 16:38		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2019-07-16_	7/16/19 17:08		AK/AP

IC-2 Cal
07-08-19
AR

CALIBRATION OF COMPONENT F-

Method: AnionsIC2-070819.mtw
Equation: Q = 0.0162124·A + 1.51497
RSD: 3.495 %
Correlation coefficient: 0.999484

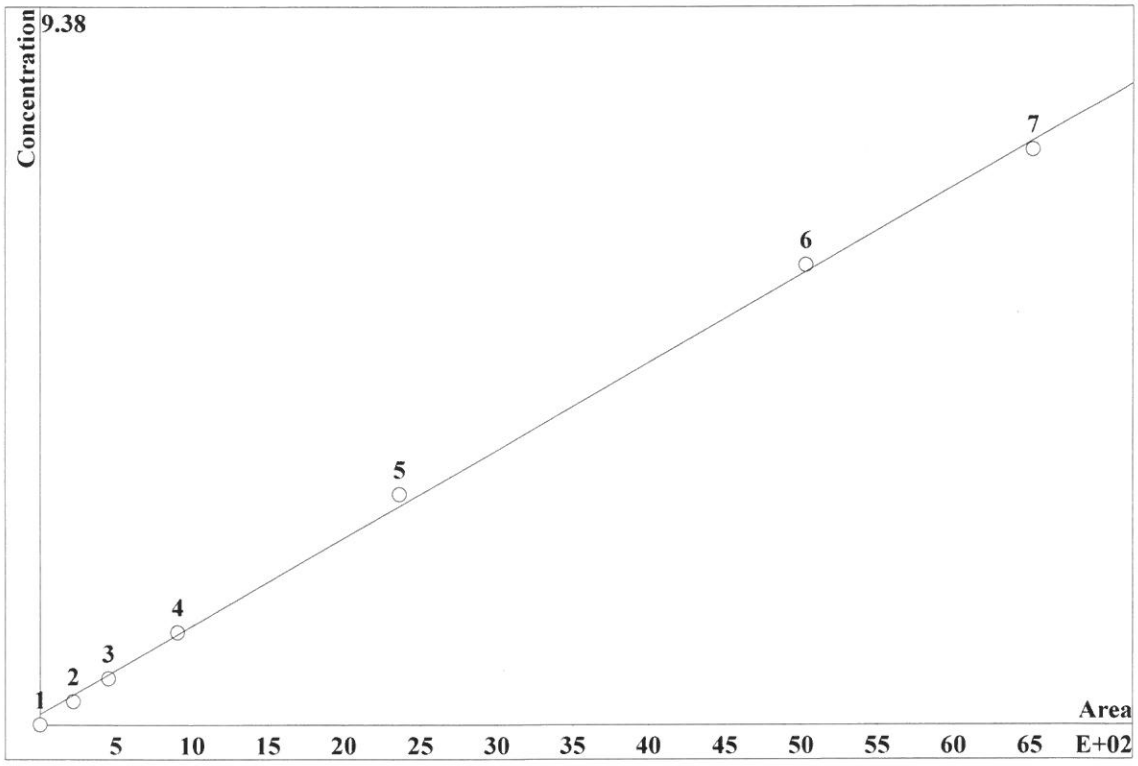


K3 = 0 K2 = 0 K1 = 0.0162124 K0 = 1.51497
Base: Area
Ref.channel: ch1
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0		0	0	0		0
2	8.668		205.1	0.2	20		5.59
3	18.04		425.9	0.4	20		5.59
4	40.07		911.4	0.8	20		5.59
5	105.7		2261	2	20		5.59
6	213.4		4763	4	20		5.59
7	279.6		6170	5	20		5.59

CALIBRATION OF COMPONENT CL-

Method: AnionsIC2-070819.mtw
Equation: Q = 0.0229531·A + 2.71778
RSD: 3.840 %
Correlation coefficient: 0.999377

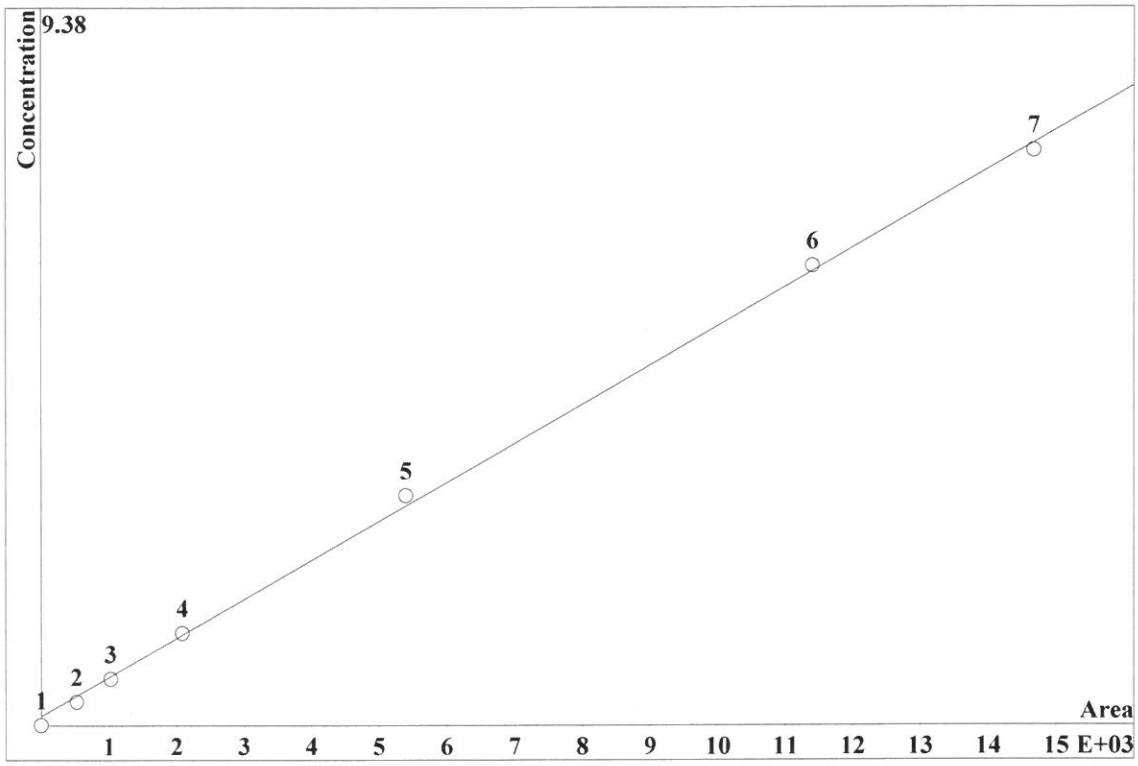


K3 = 0 K2 = 0 K1 = 0.0229531 K0 = 2.71778
Base: Area
Ref.channel: ch1
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0		0	0		0	0
2	21.12		220.9	0.3		20	8.403
3	41.94		452.2	0.6		20	8.403
4	84.91		906.8	1.2		20	8.403
5	223.8		2363	3		20	8.403
6	481		5034	6		20	8.403
7	630.2		6520	7.5		20	8.403

CALIBRATION OF COMPONENT NO2

Method: AniionsIC2-070819.mtw
Equation: Q = 0.0101993·A + 2.29656
RSD: 3.268 %
Correlation coefficient: 0.999549

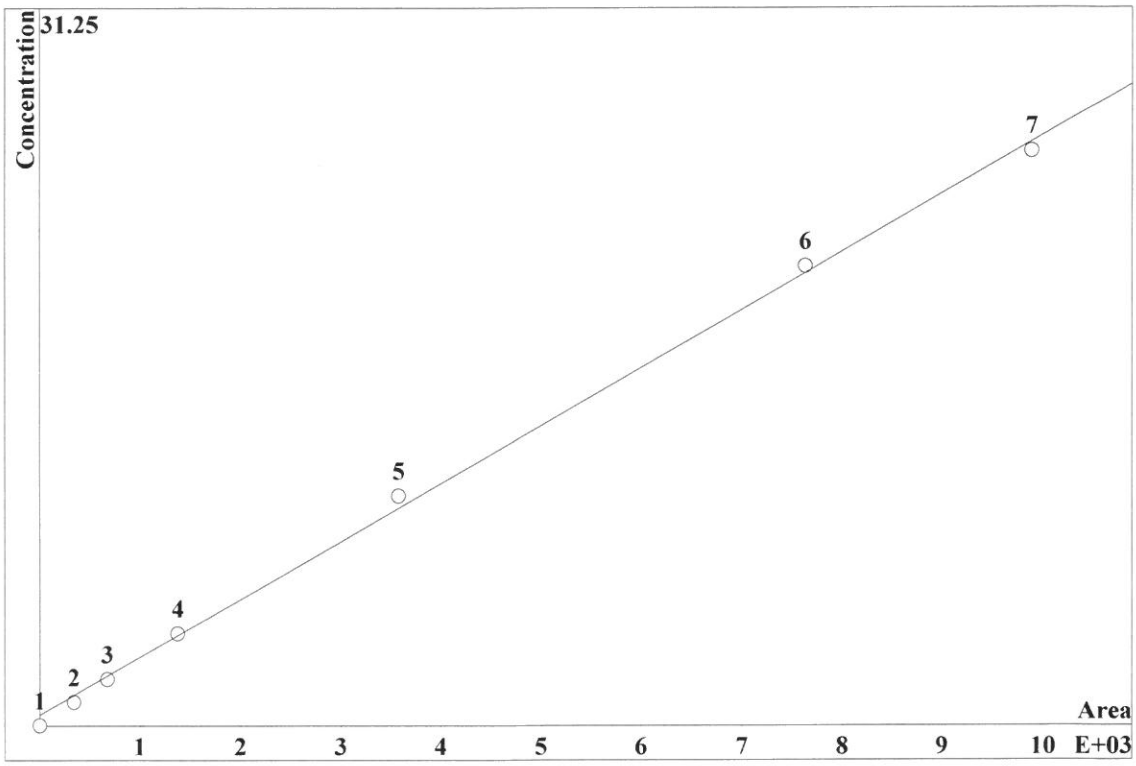


K3 = 0 K2 = 0 K1 = 0.0101993 K0 = 2.29656
Base: Area
Ref.channel: ch1
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0		0	0		0	0
2	39.12		526.8	0.3		20	10.05
3	76.79		1030	0.6		20	10.05
4	155.7		2085	1.2		20	10.05
5	388.1		5396	3		20	10.05
6	788.9		1.141e+04	6		20	10.05
7	993.3		1.467e+04	7.5		20	10.05

CALIBRATION OF COMPONENT BR-

Method: AnionsIC2-070819.mtw
Equation: Q = 0.0504459·A + 9.02975
RSD: 3.941 %
Correlation coefficient: 0.999344

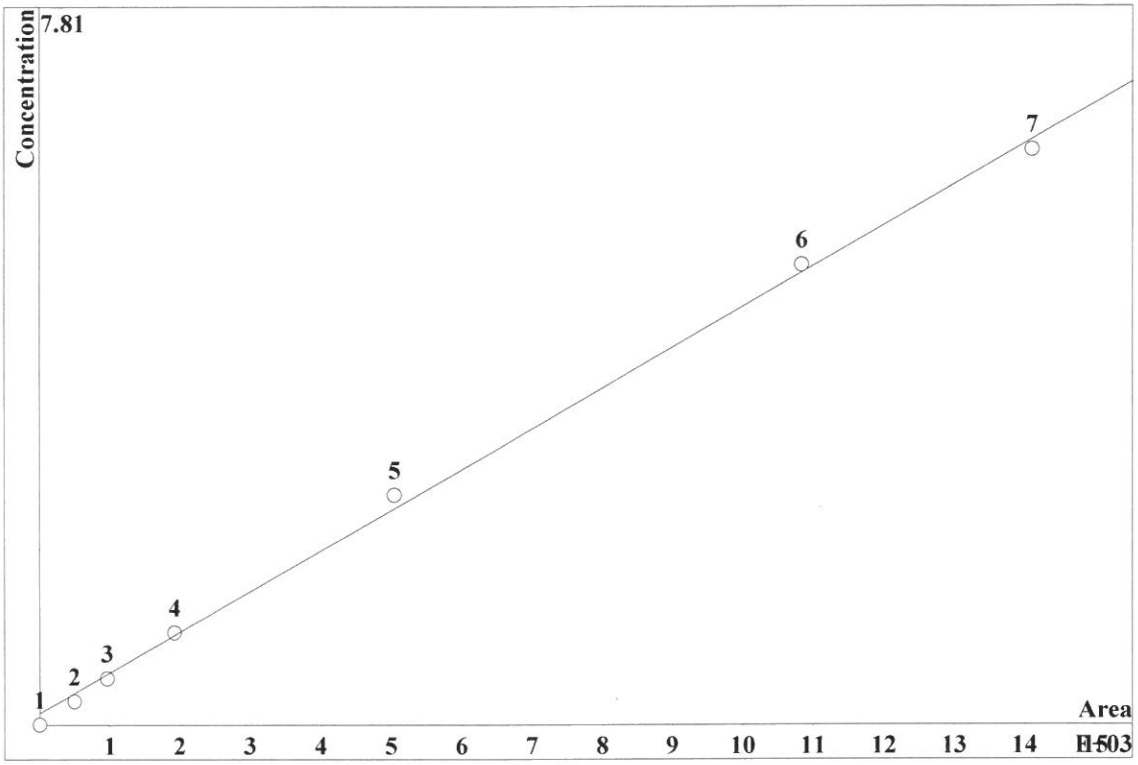


K3 = 0 K2 = 0 K1 = 0.0504459 K0 = 9.02975
Base: Area
Ref.channel: ch1
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		0
2	24.22	344.8	1	20	12.64		
3	47.33	679.4	2	20	12.64		
4	97.29	1378	4	20	12.64		
5	256.1	3579	10	20	12.64		
6	546.4	7631	20	20	12.64		
7	703.6	9894	25	20	12.64		

CALIBRATION OF COMPONENT NO3

Method: AnionsIC2-070819.mtw
Equation: Q = 0.00884125·A + 2.47075
RSD: 4.444 %
Correlation coefficient: 0.999165



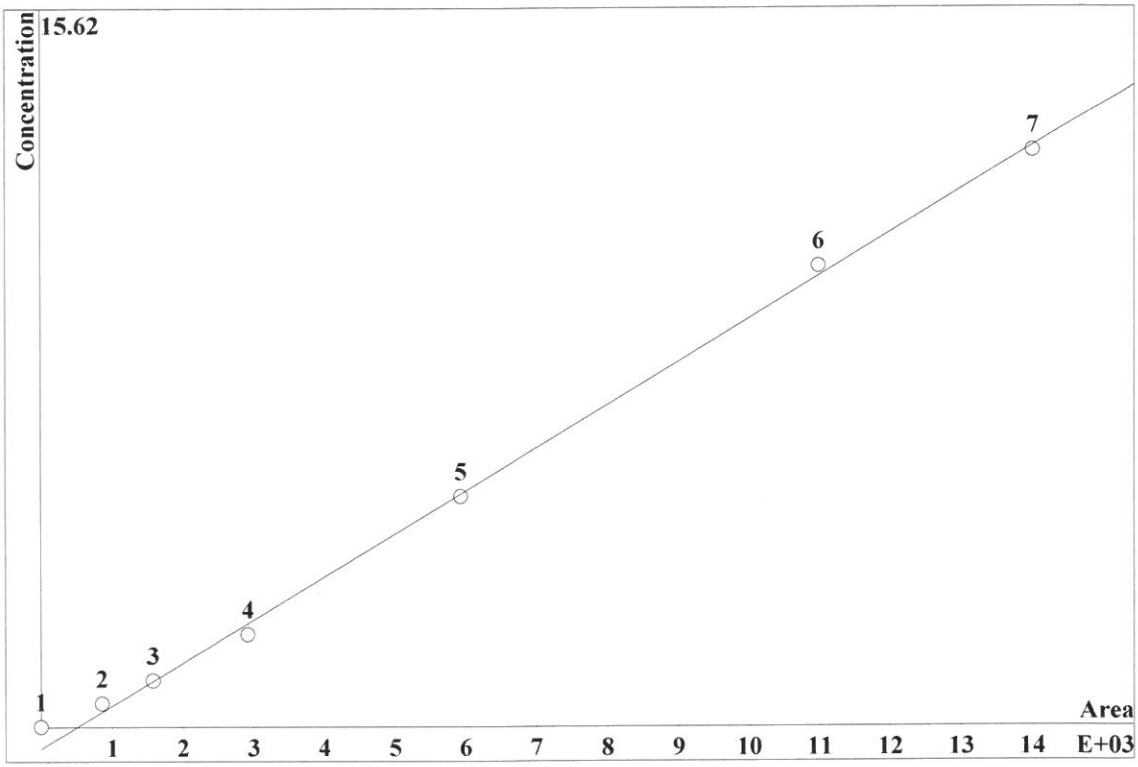
K3 = 0 K2 = 0 K1 = 0.00884125 K0 = 2.47075
Base: Area
Ref.channel: ch1
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0		0	0	0		0
2	29.44		493.5	0.25	20		14.47
3	57.53		965.8	0.5	20		14.47
4	117.7		1926	1	20		14.47
5	313.6		5043	2.5	20		14.47
6	692.4		1.085e+04	5	20		14.47
7	910.3		1.411e+04	6.25	20		14.47

5?

CALIBRATION OF COMPONENT HPO4

Method: AnionsIC2-070819.mtw
Equation: Q = 0.0186765·A - 9.61111
RSD: 3.763 %
Correlation coefficient: 0.999401

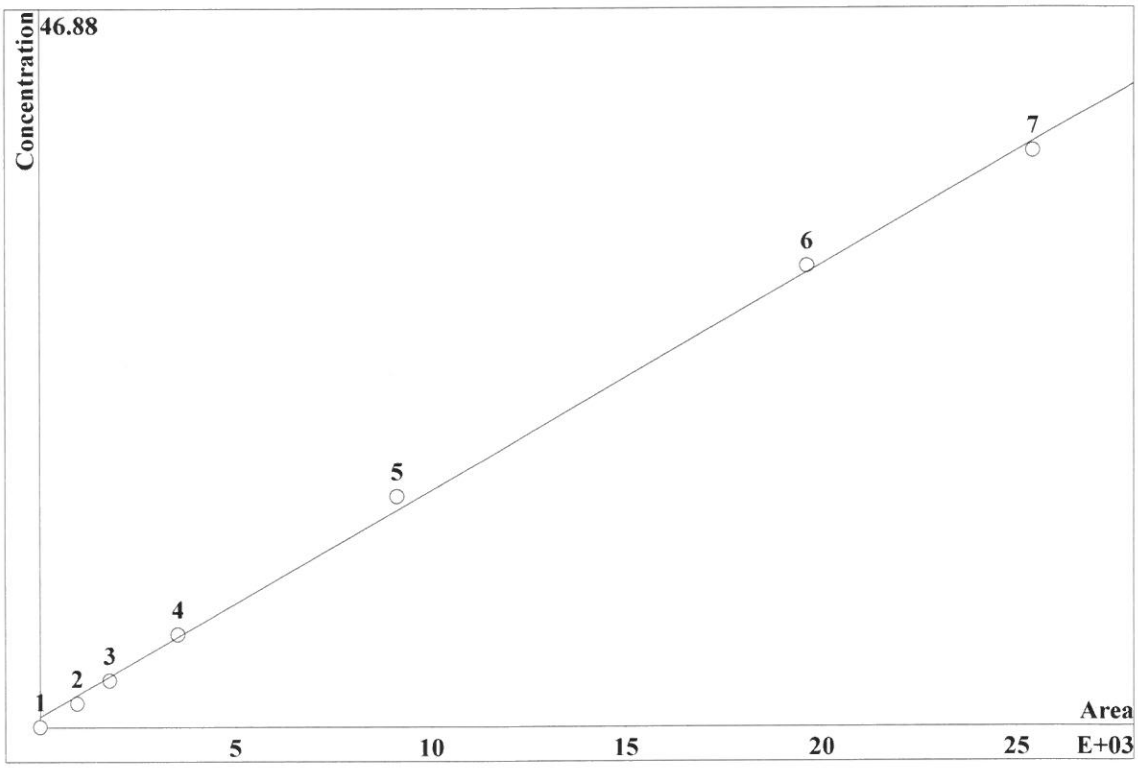


K3 = 0 K2 = 0 K1 = 0.0186765 K0 = -9.61111
Base: Area
Ref.channel: ch1
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0		0	0		0	0
2	25.11		859.8	0.5		20	22.15
3	45.52		1574	1		20	22.15
4	92.68		2914	2		20	22.15
5	202.2		5929	5		20	22.15
6	392.4		1.099e+04	10		20	22.15
7	518.3		1.402e+04	12.5		20	22.15

CALIBRATION OF COMPONENT SO4

Method: AnionsIC2-070819.mtw
Equation: Q = 0.0294643·A + 12.9267
RSD: 4.285 %
Correlation coefficient: 0.999224



K3 = 0 K2 = 0 K1 = 0.0294643 K0 = 12.9267
Base: Area
Ref.channel: ch1
ISTD:
Formula: Linear
Weight: 1

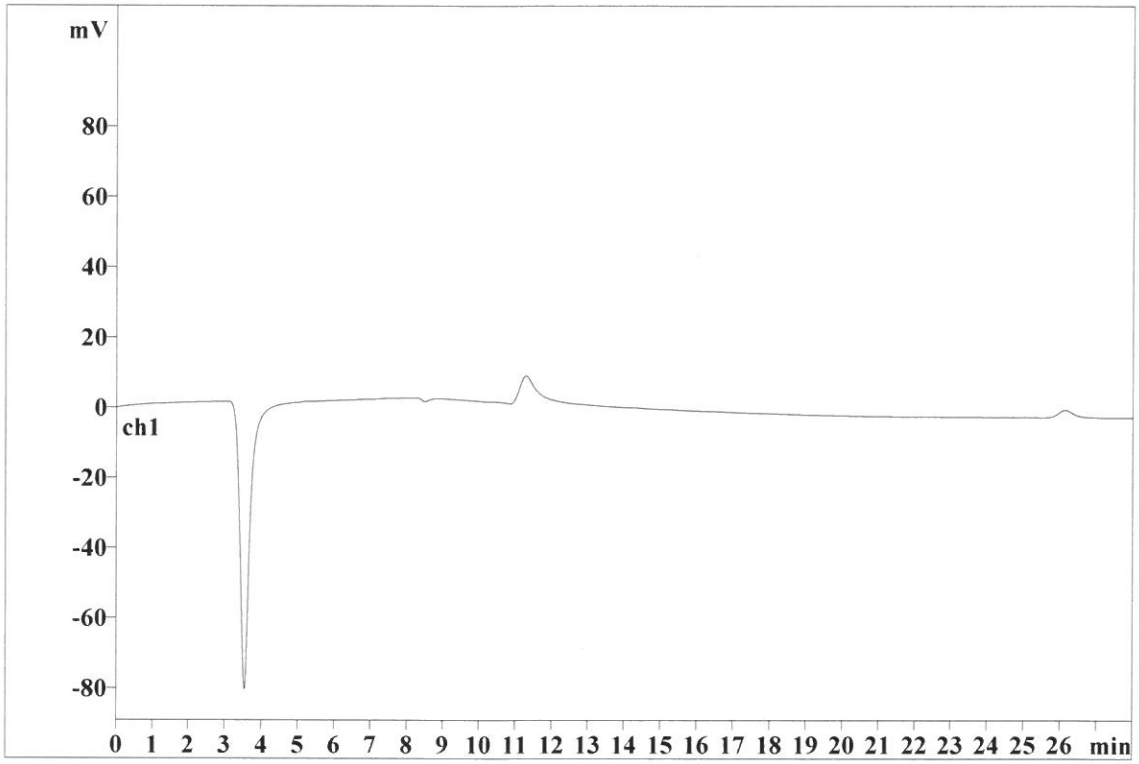
Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0		0	0		0	0
2	36.18		955.8	1.5		20	25.71
3	68.29		1788	3		20	25.71
4	136.8		3536	6		20	25.71
5	358.1		9133	15		20	25.71
6	776		1.965e+04	30		20	25.71
7	1006		2.544e+04	37.5		20	25.71

Report date: 7/9/2019 10:23:24 AM
Printed by: wet

Ident: STD1
Analysis from: 7/8/2019 9:35:55 AM
File: _2019-07-08_ Last save: 7/8/2019 3:46:23 PM

Method: AnionsIC2-070819.mtw Last save: 7/8/2019 8:31:4
Run operator: wet
Analysis number: 22036

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



Quantitation method: Custom

No peaks

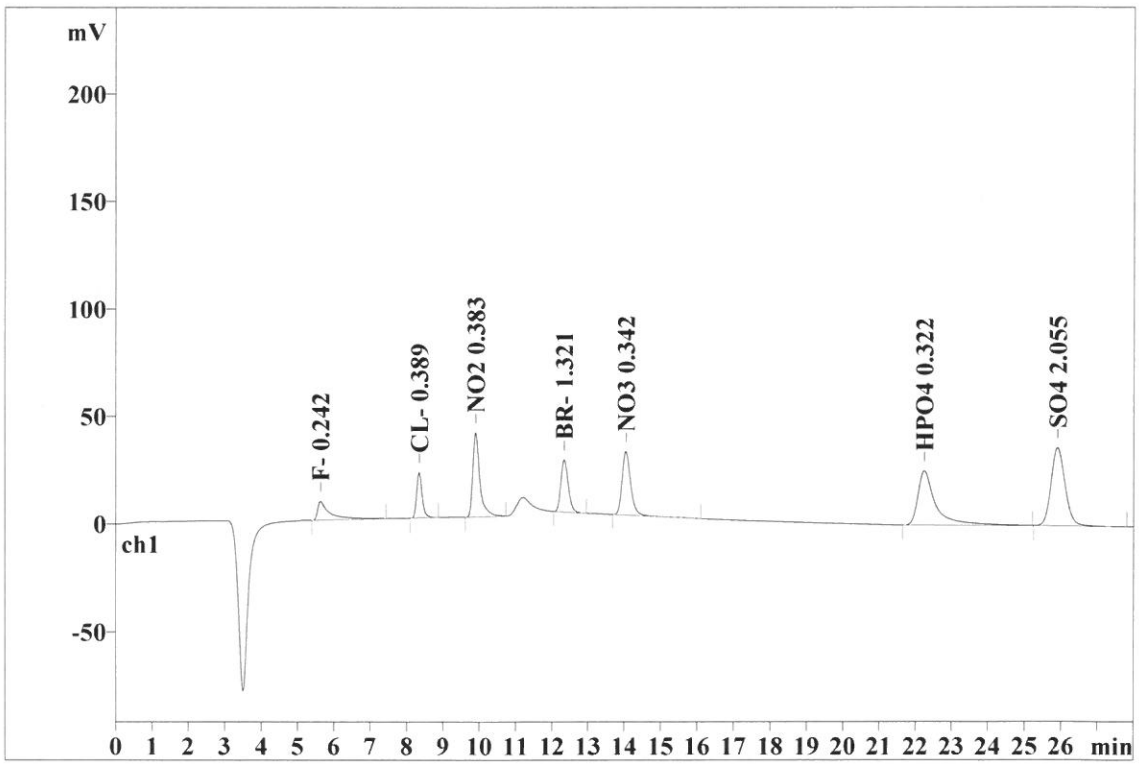
This report has been created by IC Net
METROHM LTD

Report date: 7/9/2019 10:24:09 AM
Printed by: wet

Ident: STD2
Analysis from: 7/8/2019 10:06:52 AM
File: _2019-07-08_ Last save: 7/8/2019 3:46:23 PM

Method: AnionsIC2-070819.mtw Last save: 7/8/2019 8:31:4
Run operator: wet
Analysis number: 22037

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	5.63	0.264	8.67	4.71	205.109	5.69
2	8.34	0.155	21.12	11.49	220.934	6.13
3	9.90	0.186	39.12	21.28	526.802	14.61
4	12.34	0.217	24.22	13.17	344.752	9.56
5	14.05	0.249	29.44	16.01	493.463	13.68
6	22.25	0.431	25.11	13.66	859.787	23.84
7	25.92	0.402	36.18	19.68	955.846	26.50
7	28.00	0.272	183.86	100.00	3606.694	100.00

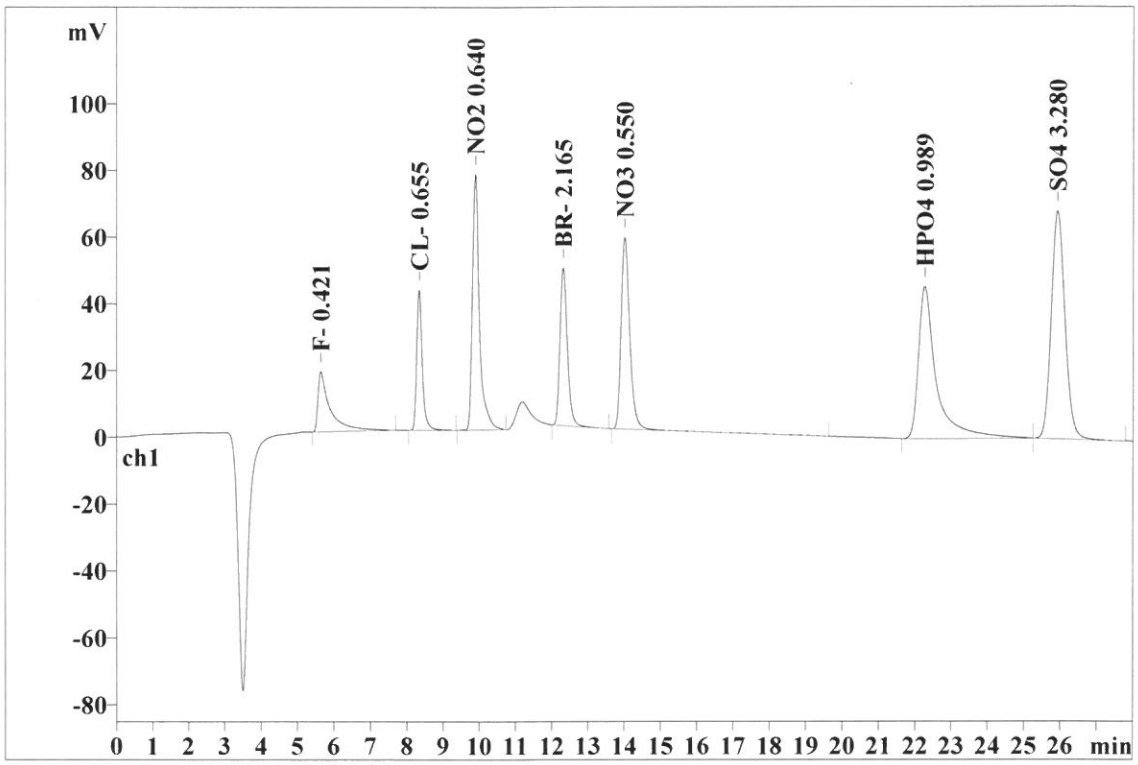
This report has been created by IC Net
METROHM LTD

Report date: 7/9/2019 10:24:18 AM
Printed by: wet

Ident: STD3
Analysis from: 7/8/2019 10:37:47 AM
File: _2019-07-08_ Last save: 7/8/2019 3:46:23 PM

Method: AnionsIC2-070819.mtw Last save: 7/8/2019 8:31:4
Run operator: wet
Analysis number: 22038

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	5.63	0.276	18.04	5.08	425.920	6.16
2	8.33	0.156	41.94	11.80	452.150	6.54
3	9.88	0.185	76.79	21.60	1030.362	14.90
4	12.32	0.216	47.32	13.31	679.373	9.82
5	14.02	0.248	57.53	16.19	965.803	13.97
6	22.27	0.433	45.52	12.81	1573.682	22.76
7	25.94	0.400	68.29	19.21	1787.683	25.85
7	28.00	0.273	355.43	100.00	6914.973	100.00

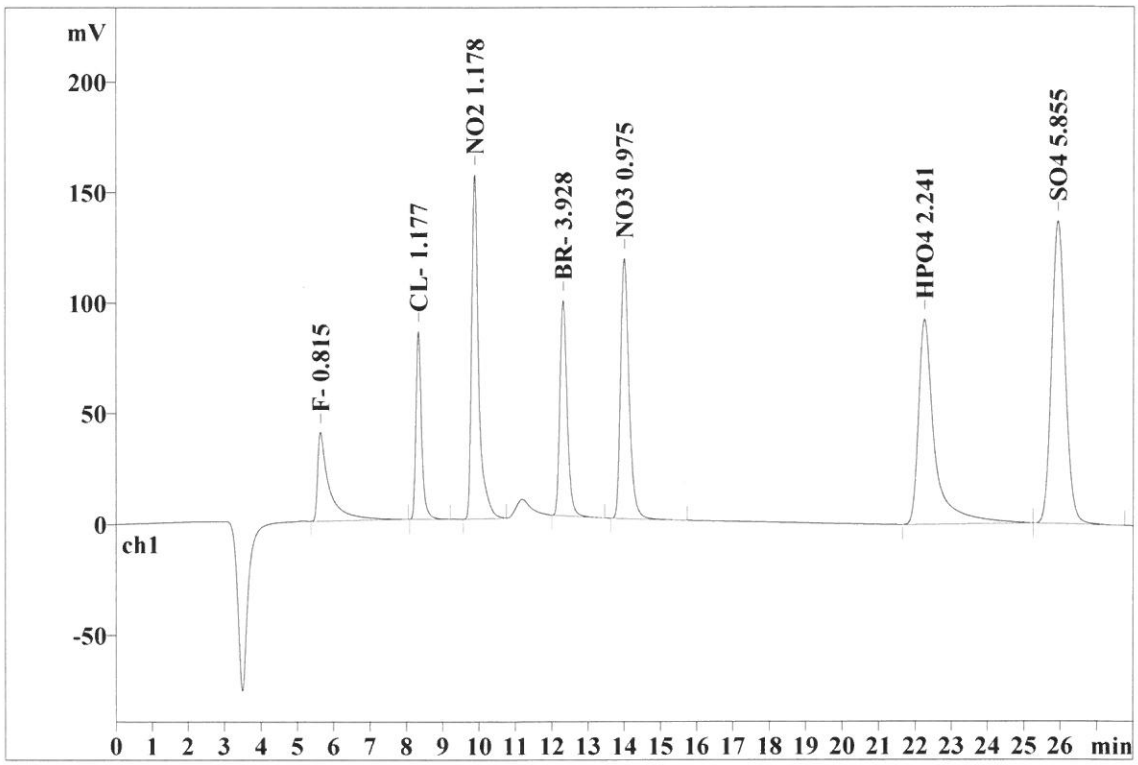
This report has been created by IC Net
METROHM LTD

Report date: 7/9/2019 10:24:28 AM
Printed by: wet

Ident: STD4
Analysis from: 7/8/2019 11:08:43 AM
File: _2019-07-08_ Last save: 7/8/2019 3:46:23 PM

Method: AnionsIC2-070819.mtw Last save: 7/8/2019 8:31:4
Run operator: wet
Analysis number: 22039

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	5.63	0.265	40.06	5.52	911.430	6.67
2	8.32	0.155	84.91	11.71	906.787	6.64
3	9.87	0.185	155.72	21.47	2085.322	15.27
4	12.31	0.213	97.29	13.42	1378.145	10.09
5	14.00	0.244	117.70	16.23	1925.566	14.10
6	22.26	0.402	92.68	12.78	2914.124	21.34
7	25.95	0.395	136.78	18.86	3535.766	25.89
7	28.00	0.265	725.15	100.00	13657.140	100.00

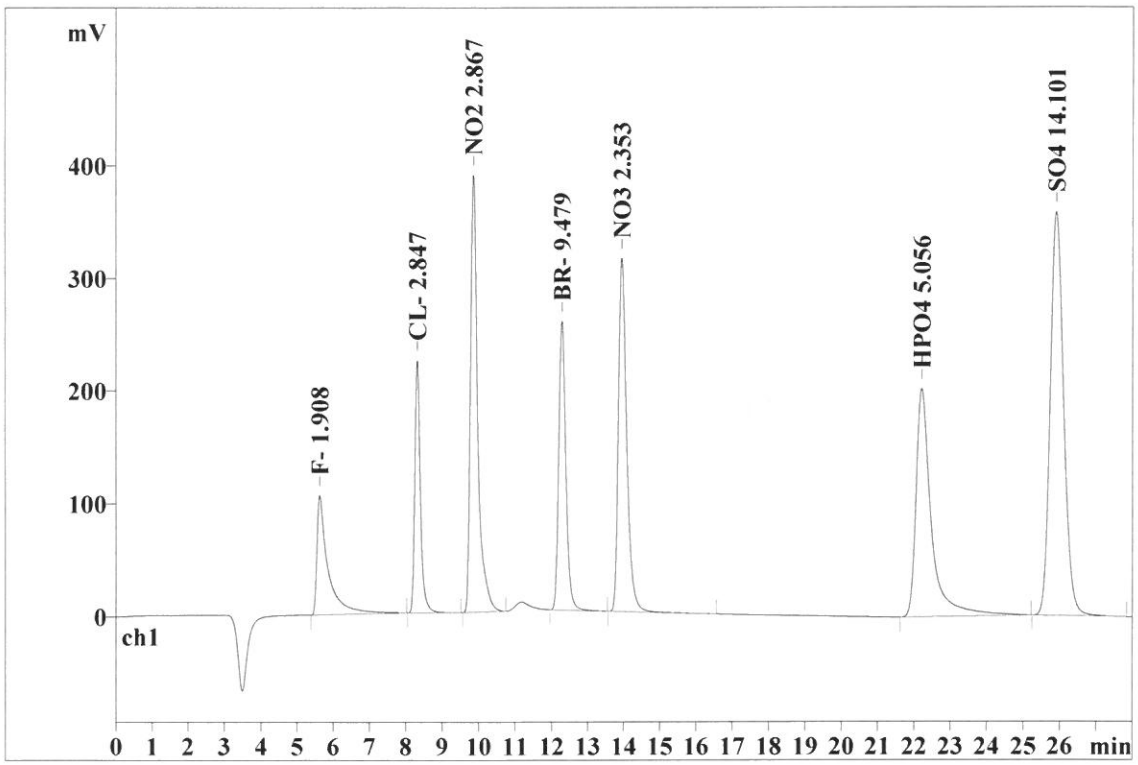
This report has been created by IC Net
METROHM LTD

Report date: 7/9/2019 10:24:39 AM
Printed by: wet

Ident: STD5
Analysis from: 7/8/2019 11:39:39 AM
File: _2019-07-08_ Last save: 7/8/2019 3:46:23 PM

Method: AnionsIC2-070819.mtw Last save: 7/8/2019 8:31:4
Run operator: wet
Analysis number: 22040

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	5.63	0.251	105.68	5.72	2260.630	6.71
2	8.32	0.152	223.81	12.11	2362.620	7.01
3	9.84	0.193	388.13	21.01	5395.877	16.01
4	12.29	0.210	256.09	13.86	3579.027	10.62
5	13.95	0.238	313.59	16.97	5042.697	14.96
6	22.22	0.386	202.24	10.95	5929.295	17.59
7	25.92	0.388	358.12	19.38	9132.629	27.10
7	28.00	0.260	1847.66	100.00	33702.776	100.00

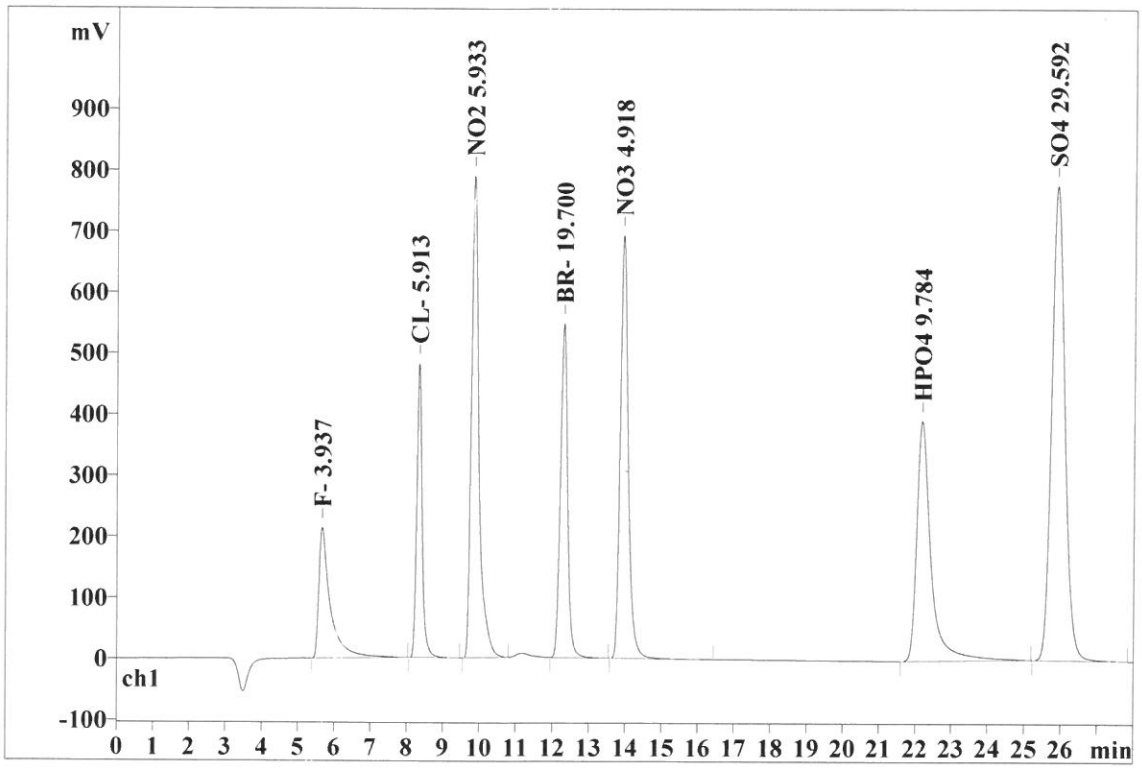
This report has been created by IC Net
METROHM LTD

Report date: 7/9/2019 10:24:49 AM
Printed by: wet

Ident: STD6
Analysis from: 7/8/2019 12:10:35 PM
File: _2019-07-08_ Last save: 7/8/2019 3:46:23 PM

Method: AnionsIC2-070819.mtw Last save: 7/8/2019 8:31:4
Run operator: wet
Analysis number: 22041

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	5.66	0.279	213.42	5.49	4762.827	6.77
2	8.33	0.151	481.02	12.36	5033.556	7.16
3	9.83	0.202	788.93	20.28	11409.029	16.22
4	12.30	0.210	546.35	14.04	7631.334	10.85
5	13.93	0.232	692.36	17.80	10845.109	15.42
6	22.18	0.377	392.42	10.09	10991.703	15.63
7	25.88	0.385	776.03	19.95	19647.676	27.94
7	28.00	0.262	3890.52	100.00	70321.234	100.00

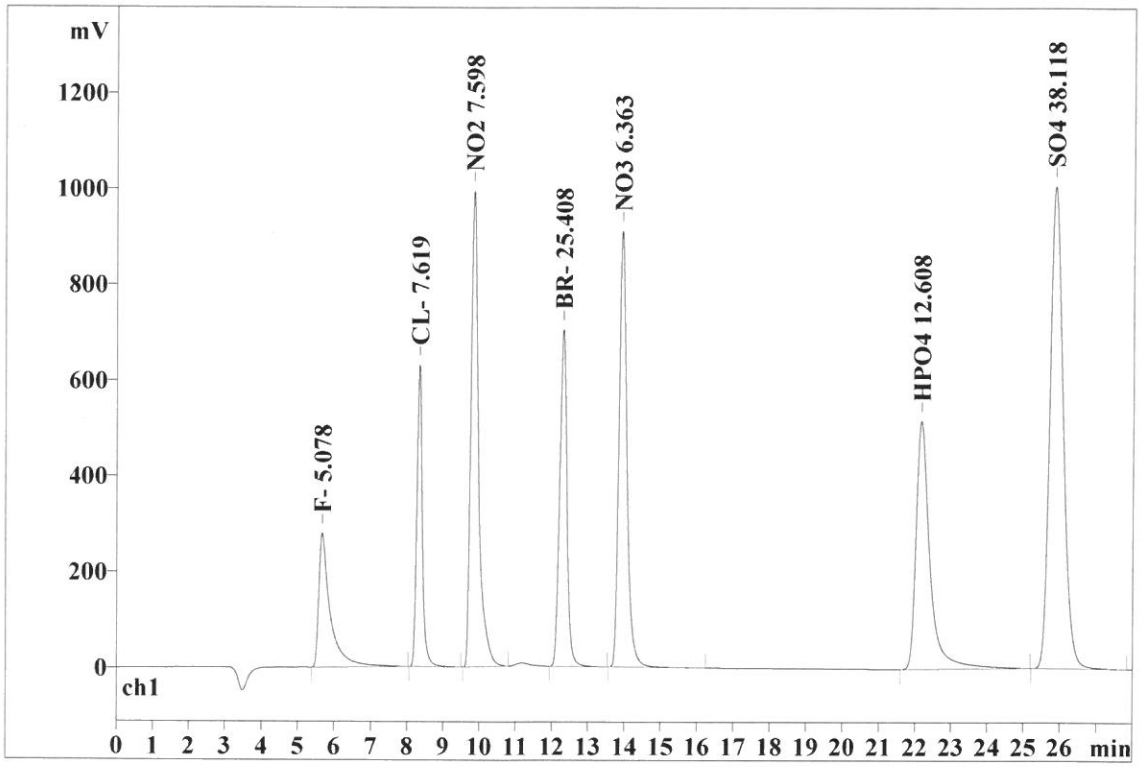
This report has been created by IC Net
METROHM LTD

Report date: 7/9/2019 10:25:00 AM
Printed by: wet

Ident: STD7
Analysis from: 7/8/2019 12:41:31 PM
File: _2019-07-08_ Last save: 7/8/2019 3:48:10 PM

Method: AnionsIC2-070819.mtw Last save: 7/8/2019 8:31:4
Run operator: wet
Analysis number: 22042

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	5.66	0.279	279.54	5.54	6170.351	6.79
2	8.32	0.149	630.14	12.50	6520.469	7.18
3	9.82	0.208	993.24	19.70	14674.659	16.16
4	12.31	0.212	703.57	13.96	9894.181	10.89
5	13.93	0.230	910.30	18.06	14113.551	15.54
6	22.16	0.369	518.27	10.28	14015.871	15.43
7	25.87	0.384	1006.28	19.96	25435.290	28.00
7	28.00	0.262	5041.35	100.00	90824.371	100.00

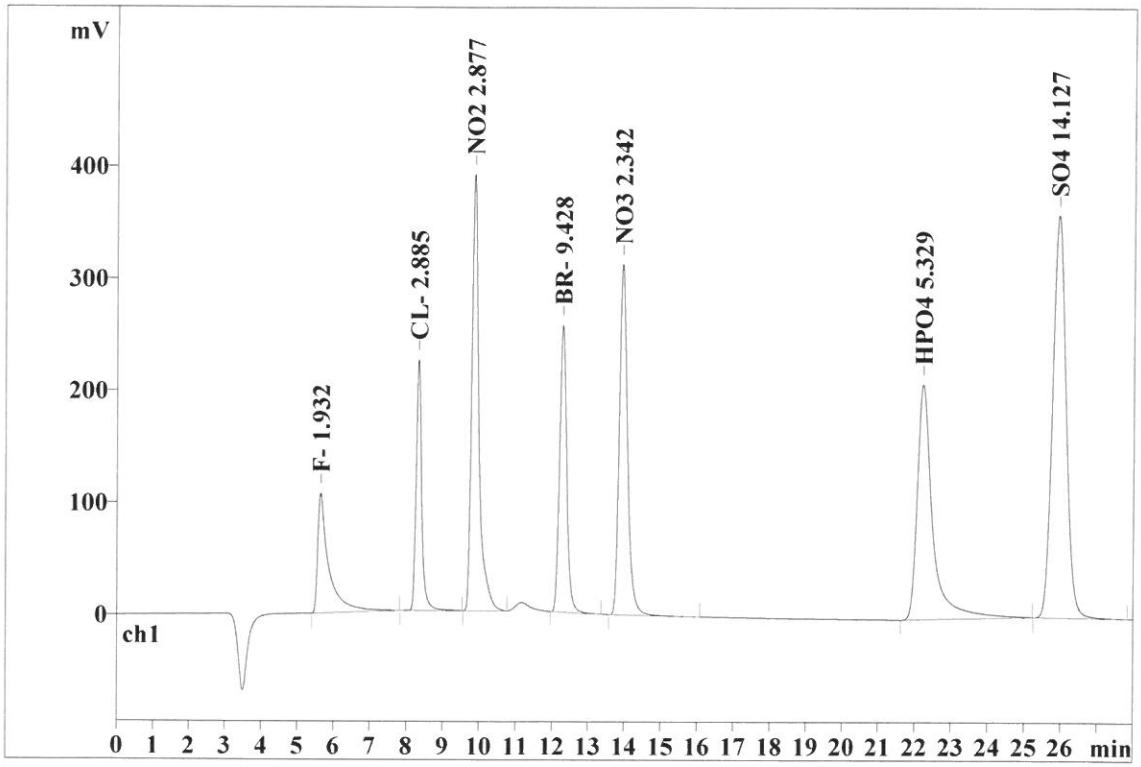
This report has been created by IC Net
METROHM LTD

Report date: 7/9/2019 10:25:10 AM
Printed by: wet

Ident: ICV
Analysis from: 7/8/2019 3:12:43 PM
File: _2019-07-08_ Last save: 7/9/2019 10:23:02 AM

Method: AnionsIC2-070819.mtw Last save: 7/8/2019 8:31:4
Run operator: wet
Analysis number: 22046

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	5.64	0.253	106.95	5.76	2289.531	6.72
2	8.32	0.153	224.03	12.06	2395.145	7.03
3	9.85	0.193	389.21	20.96	5416.400	15.91
4	12.28	0.209	256.04	13.79	3558.802	10.45
5	13.94	0.238	312.79	16.84	5018.321	14.74
6	22.22	0.388	209.54	11.28	6220.720	18.27
7	25.93	0.388	358.57	19.31	9150.416	26.87
7	28.00	0.260	1857.12	100.00	34049.335	100.00

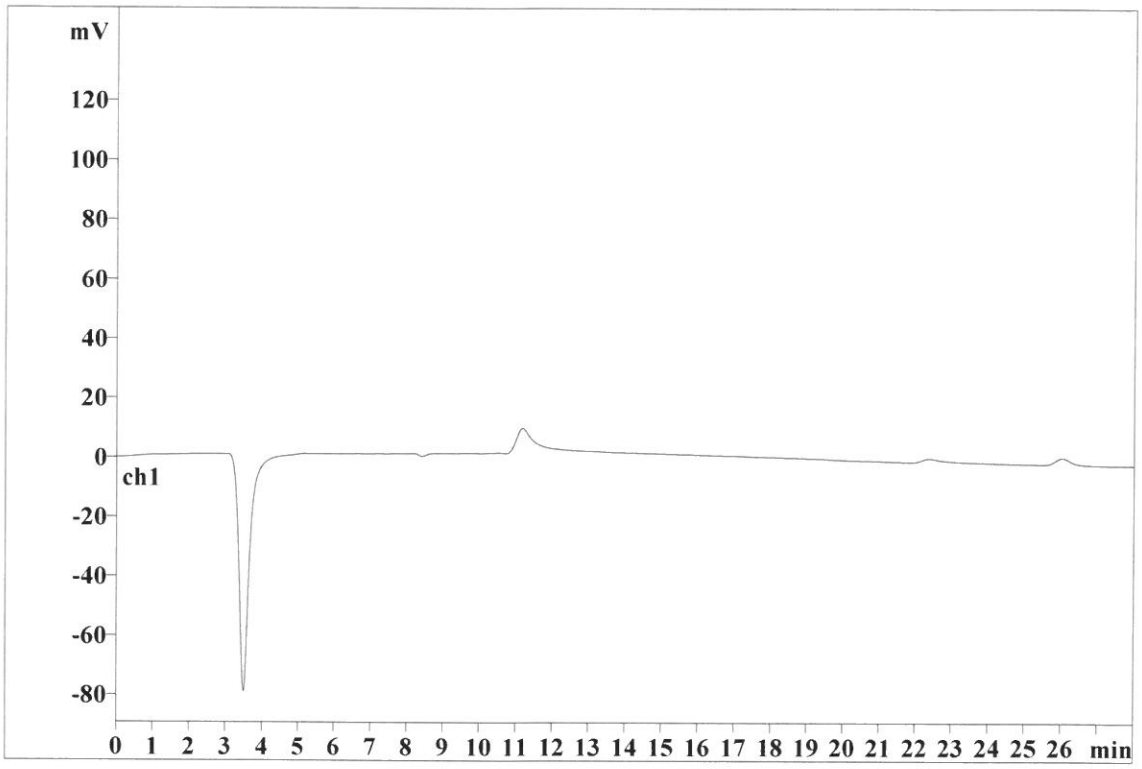
This report has been created by IC Net
METROHM LTD

Report date: 7/9/2019 10:25:29 AM
Printed by: wet

Ident: ICB
Analysis from: 7/8/2019 3:43:39 PM
File: _2019-07-08_ Last save: 7/9/2019 10:25:26 AM

Method: AnionsIC2-070819.mtw Last save: 7/8/2019 8:31:4
Run operator: wet
Analysis number: 22047

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



Quantitation method: Custom

No peaks

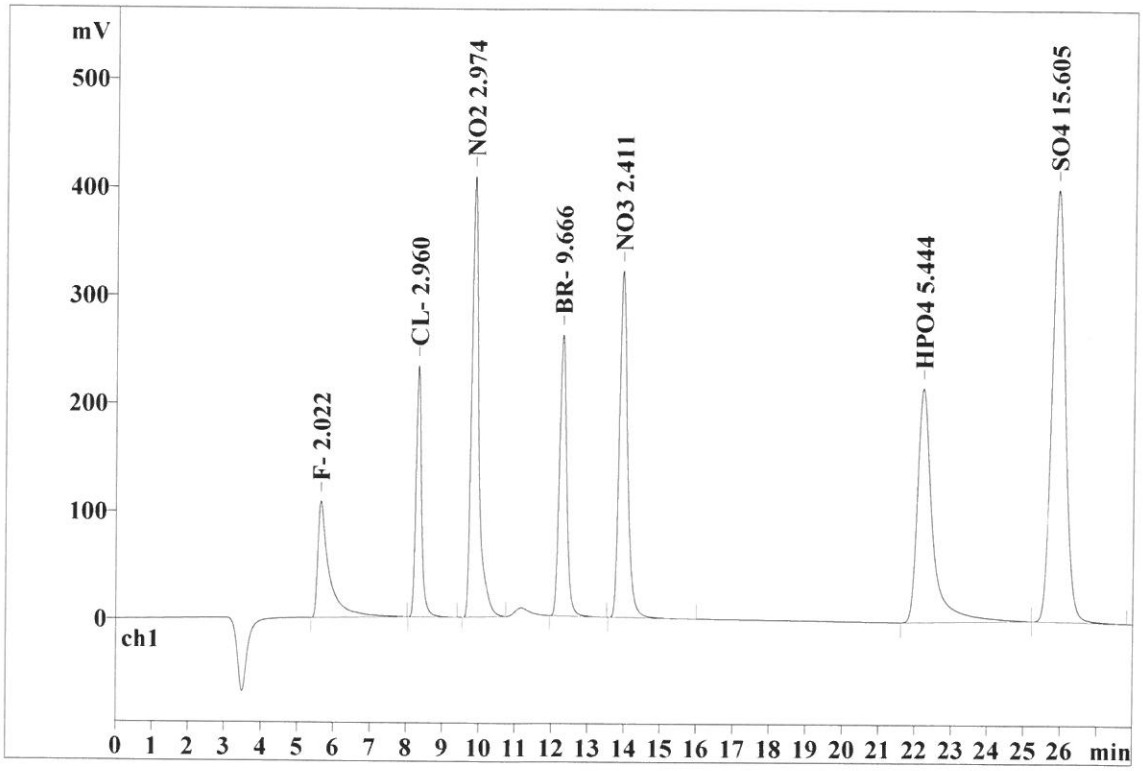
This report has been created by IC Net
METROHM LTD

Report date: 7/9/2019 10:25:56 AM
Printed by: wet

Ident: CCV
Analysis from: 7/8/2019 4:14:37 PM
File: _2019-07-08_ Last save: 7/9/2019 10:23:02 AM

Method: AnionsIC2-070819.mtw Last save: 7/8/2019 8:31:4
Run operator: wet
Analysis number: 22048

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	5.64	0.267	108.26	5.56	2401.314	6.71
2	8.31	0.153	232.73	11.95	2460.864	6.87
3	9.83	0.190	408.38	20.97	5606.688	15.66
4	12.28	0.210	260.77	13.39	3653.140	10.21
5	13.93	0.239	321.31	16.50	5175.183	14.46
6	22.20	0.385	216.58	11.12	6344.372	17.72
7	25.90	0.387	399.71	20.52	10154.016	28.37
7	28.00	0.261	1947.74	100.00	35795.577	100.00

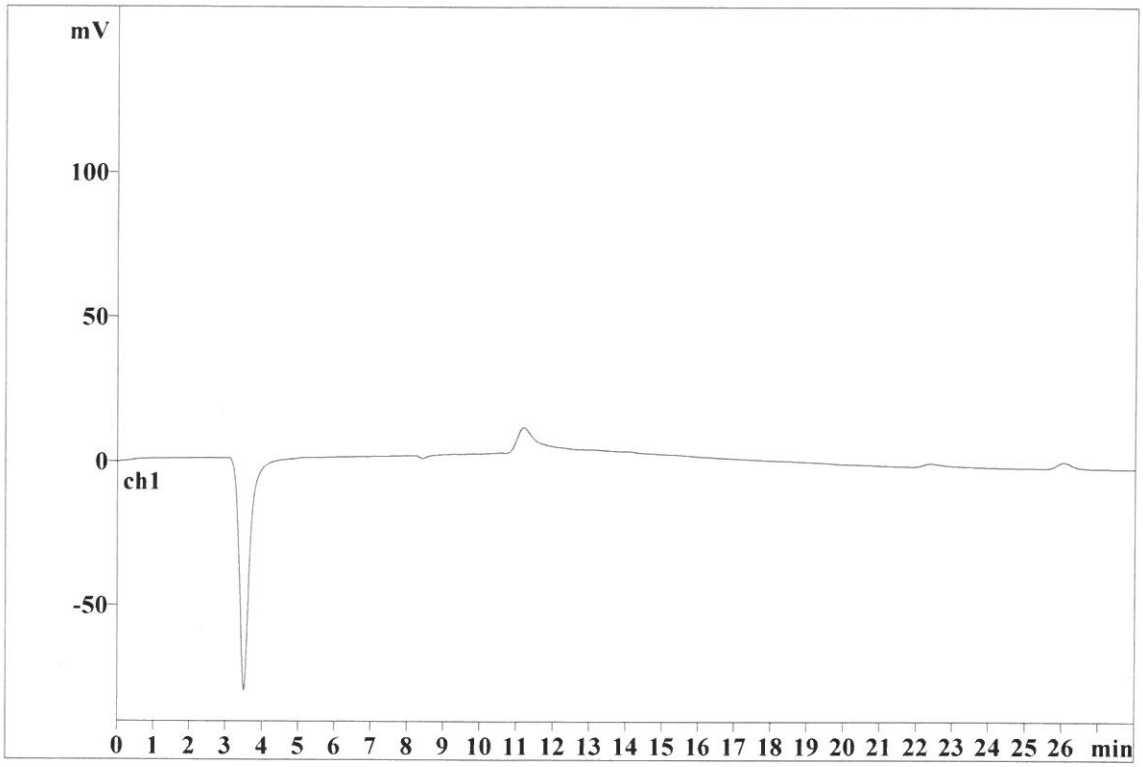
This report has been created by IC Net
METROHM LTD

Report date: 7/9/2019 10:26:15 AM
Printed by: wet

Ident: CCB
Analysis from: 7/8/2019 4:45:33 PM
File: _2019-07-08_ Last save: 7/9/2019 10:26:12 AM

Method: AnionsIC2-070819.mtw Last save: 7/8/2019 8:31:4
Run operator: wet
Analysis number: 22049

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



Quantitation method: Custom

No peaks

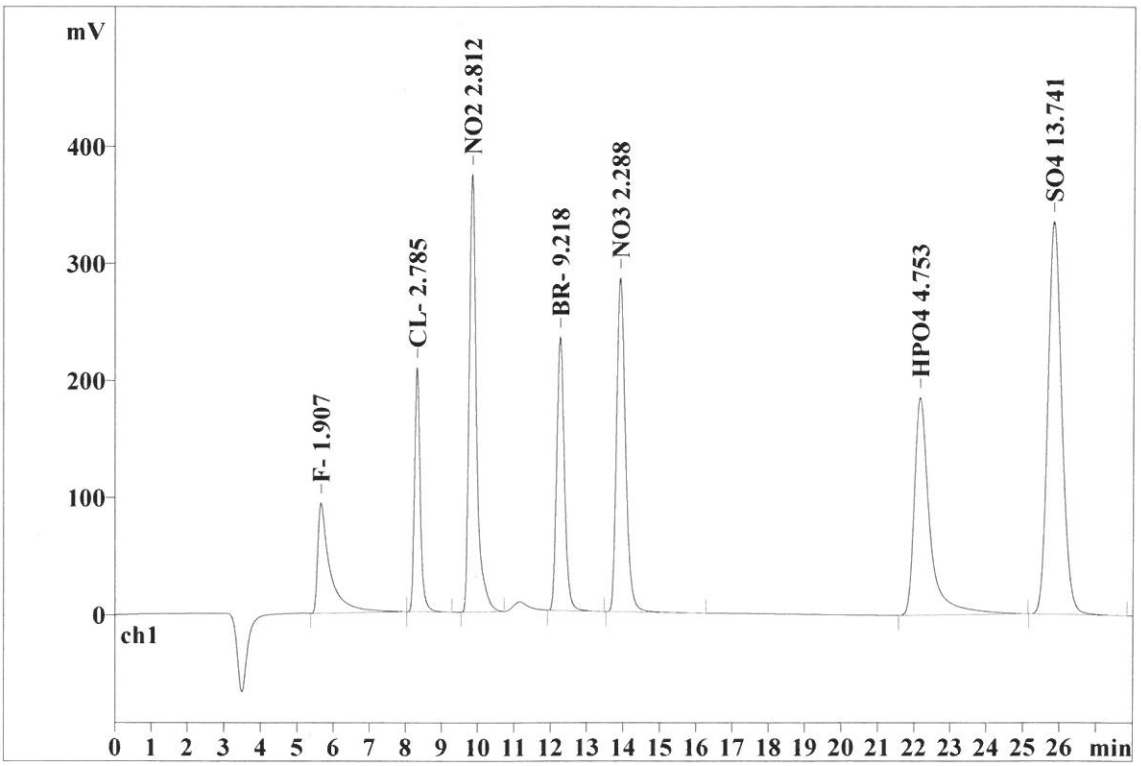
This report has been created by IC Net
METROHM LTD

Report date: 7/17/2019 3:38:06 PM
Printed by: wet

Ident: CCV
Analysis from: 7/16/2019 12:20:22 PM
File: _2019-07-16_ Last save: 7/16/2019 12:48:22 PM

Method: AnionsIC2-070819.mtw Last save: 7/8/2019 3:46:3
Run operator: wet
Analysis number: 22139

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	5.65	0.292	94.13	5.48	2259.212	6.90
2	8.31	0.162	208.88	12.16	2308.362	7.05
3	9.83	0.200	374.08	21.78	5288.760	16.16
4	12.26	0.225	233.65	13.60	3475.790	10.62
5	13.92	0.258	285.29	16.61	4895.337	14.96
6	22.17	0.401	186.08	10.83	5604.547	17.13
7	25.86	0.405	335.67	19.54	8888.332	27.16
7	28.00	0.278	1717.78	100.00	32720.341	100.00

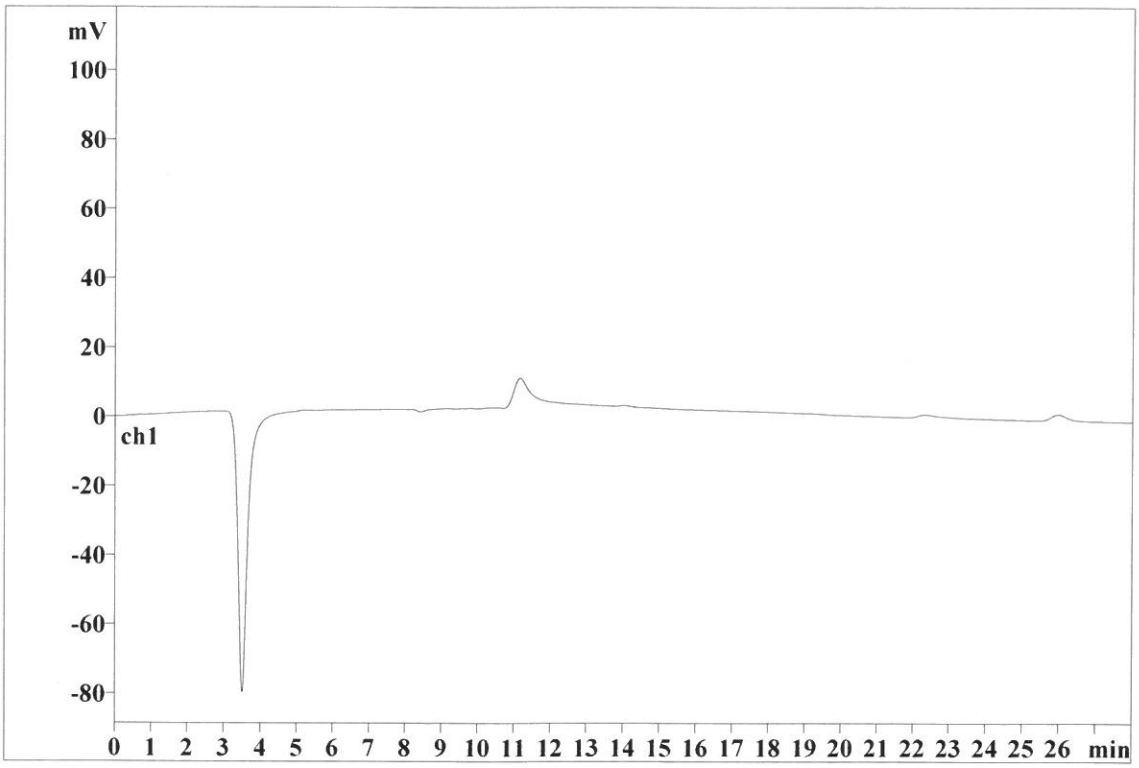
This report has been created by IC Net
METROHM LTD

Report date: 7/17/2019 3:38:26 PM
Printed by: wet

Ident: CCB
Analysis from: 7/16/2019 12:59:39 PM
File: _2019-07-16_ Last save: 7/16/2019 1:27:39 PM

Method: AnionsIC2-070819.mtw Last save: 7/8/2019 3:46:3
Run operator: wet
Analysis number: 22140

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



Quantitation method: Custom

No peaks

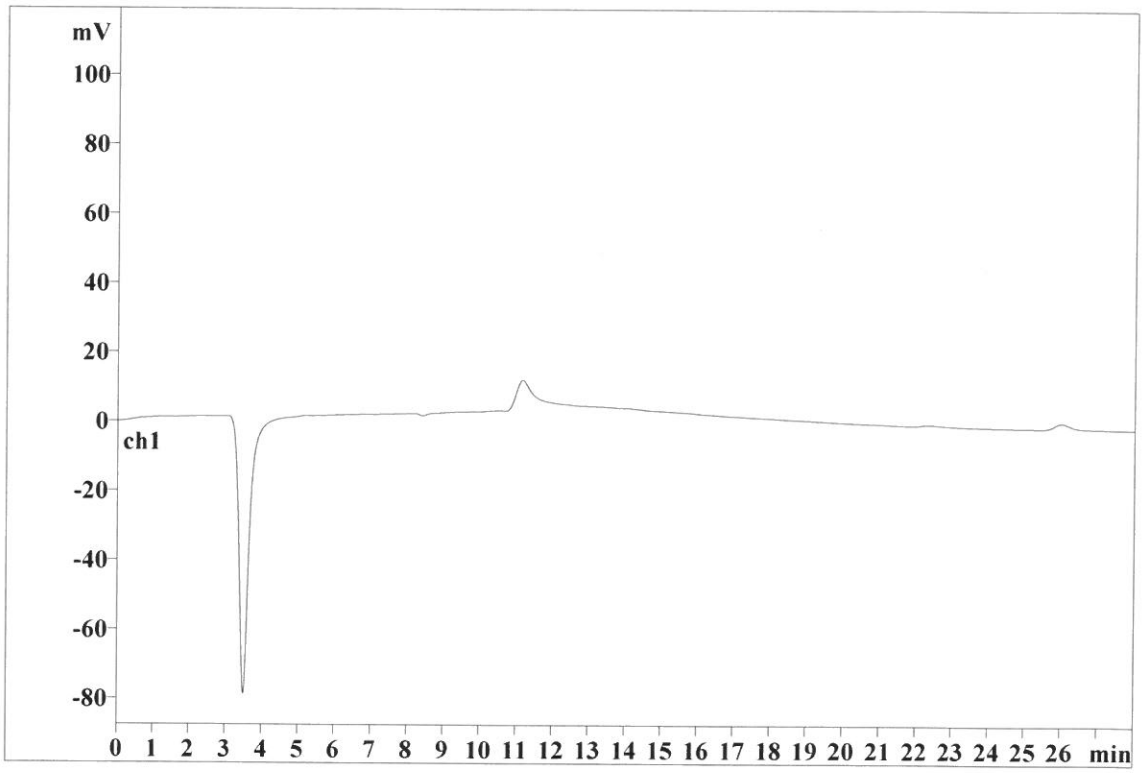
This report has been created by IC Net
METROHM LTD

Report date: 7/17/2019 3:38:37 PM
Printed by: wet

Ident: LB104026BLS
Analysis from: 7/16/2019 1:30:38 PM
File: _2019-07-16_ Last save: 7/17/2019 3:37:46 PM

Method: AnionsIC2-070819.mtw Last save: 7/8/2019 3:46:3
Run operator: wet
Analysis number: 22141

SAMPLE: 5.01g/100mL
: AK/AP
Vial number: 4
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No peaks

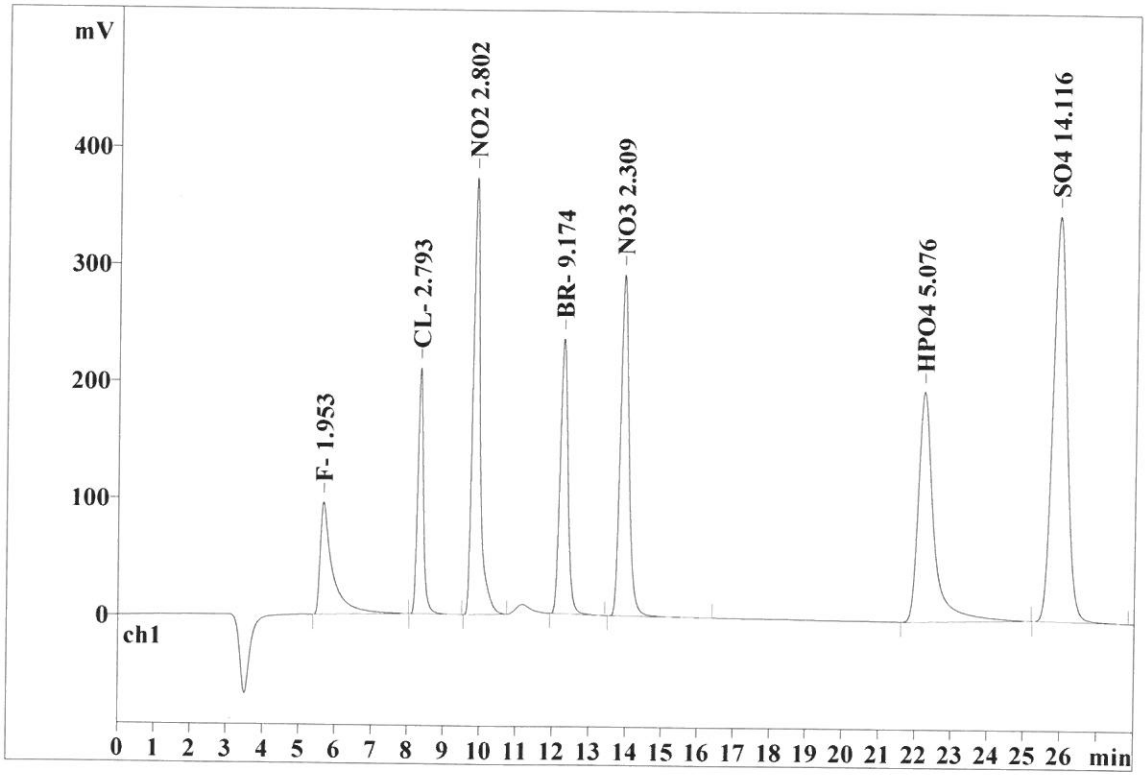
This report has been created by IC Net
METROHM LTD

Report date: 7/17/2019 3:38:44 PM
Printed by: wet

Ident: LB104026BSS
Analysis from: 7/16/2019 2:01:37 PM
File: _2019-07-16_ Last save: 7/17/2019 3:37:46 PM

Method: AnionsIC2-070819.mtw Last save: 7/8/2019 3:46:3
Run operator: wet
Analysis number: 22142

SAMPLE: 5.00g/100mL
: 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	5.66	0.294	95.97	5.49	2315.809	6.93
2	8.32	0.161	210.25	12.02	2315.492	6.93
3	9.83	0.199	373.46	21.35	5268.646	15.78
4	12.26	0.223	235.12	13.44	3458.247	10.36
5	13.91	0.255	291.62	16.67	4944.066	14.80
6	22.22	0.401	196.52	11.23	5949.870	17.82
7	25.92	0.403	346.38	19.80	9143.225	27.38
7	28.00	0.277	1749.33	100.00	33395.355	100.00

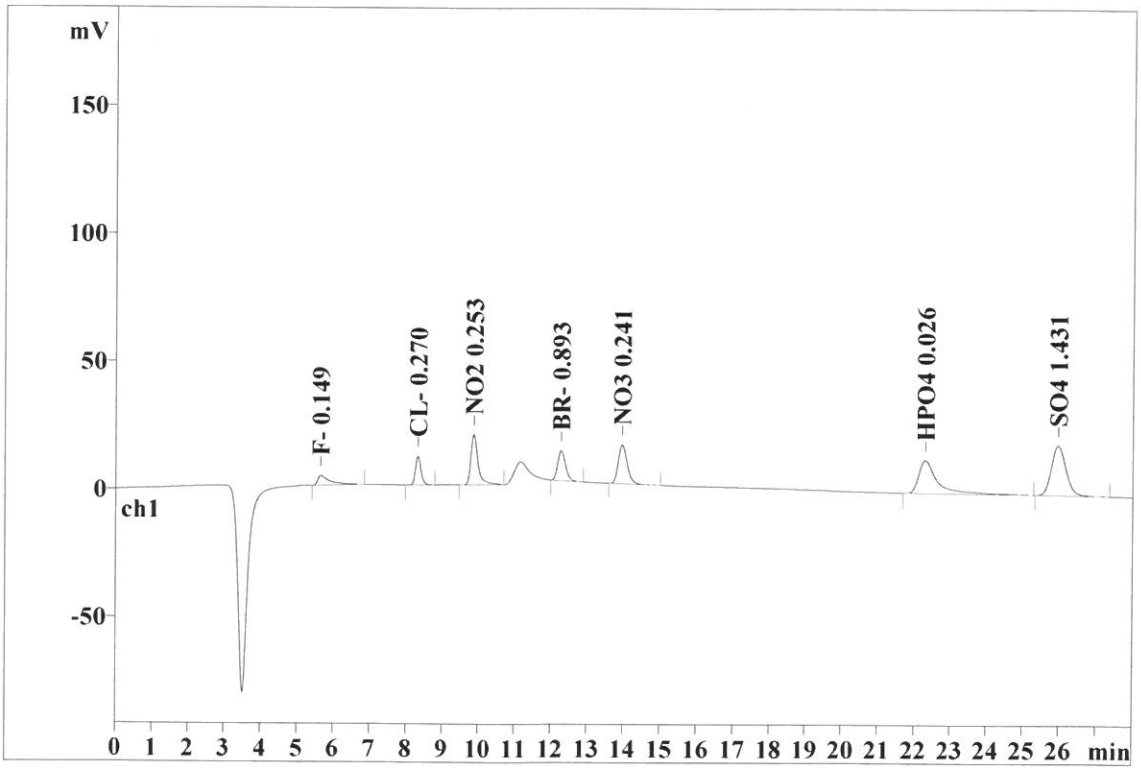
This report has been created by IC Net
METROHM LTD

Report date: 7/17/2019 3:38:59 PM
Printed by: wet

Ident: K3591-01 0.25ML
Analysis from: 7/16/2019 2:34:06 PM
File: _2019-07-16_ Last save: 7/17/2019 11:56:13 AM

Method: AnionsIC2-070819.mtw Last save: 7/8/2019 3:46:3
Run operator: wet
Analysis number: 22143

SAMPLE: 5.01g/100mL
: 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	5.65	0.307	3.80	4.04	90.646	4.70
2	8.32	0.159	11.13	11.85	116.825	6.06
3	9.86	0.190	19.72	20.99	270.346	14.01
4	12.28	0.229	11.69	12.45	175.027	9.07
5	13.97	0.264	15.20	16.18	265.623	13.77
6	22.30	0.453	12.93	13.76	477.912	24.77
7	25.98	0.419	19.45	20.71	532.869	27.62
7	28.00	0.289	93.91	99.99	1929.249	100.00

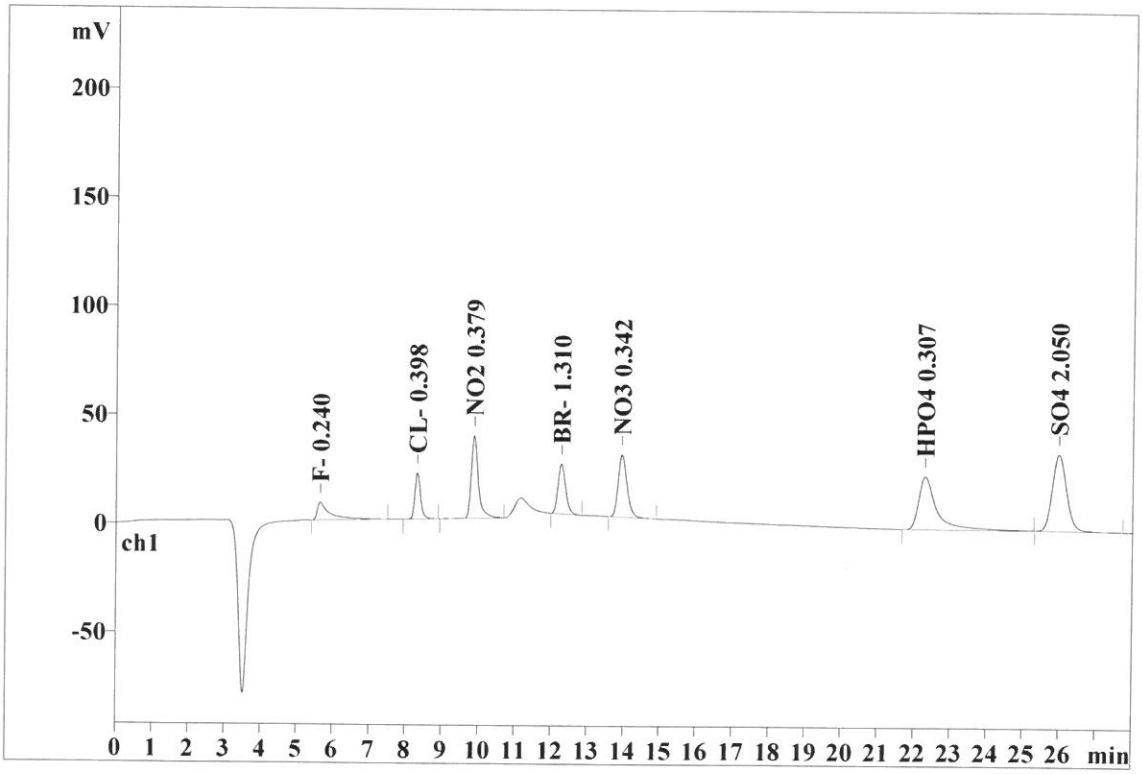
This report has been created by IC Net
METROHM LTD

Report date: 7/17/2019 3:39:07 PM
Printed by: wet

Ident: K3591-01RE
Analysis from: 7/16/2019 3:05:04 PM
File: _2019-07-16_ Last save: 7/17/2019 11:56:13 AM

Method: AnionsIC2-070819.mtw Last save: 7/8/2019 3:46:3
Run operator: wet
Analysis number: 22144

SAMPLE: 5.01g/100mL
: 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	5.64	0.281	8.15	4.57	202.990	5.67
2	8.32	0.160	21.21	11.89	228.269	6.38
3	9.86	0.191	38.02	21.31	518.529	14.48
4	12.27	0.228	22.89	12.83	340.453	9.51
5	13.95	0.262	28.65	16.06	493.964	13.80
6	22.31	0.439	24.35	13.65	843.147	23.55
7	25.99	0.415	35.14	19.70	952.658	26.61
7	28.00	0.282	178.41	100.00	3580.008	100.00

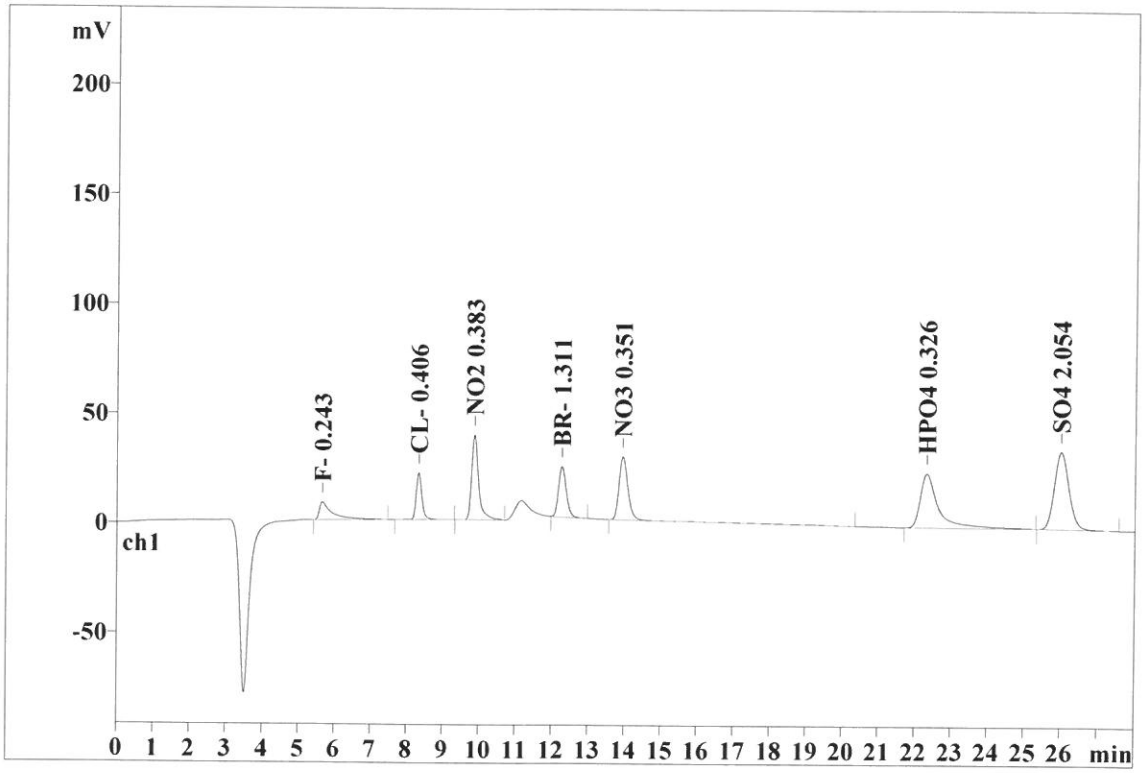
This report has been created by IC Net
METROHM LTD

Report date: 7/17/2019 3:39:18 PM
Printed by: wet

Ident: K3591-02 0.5ML
Analysis from: 7/16/2019 3:36:03 PM
File: _2019-07-16_ Last save: 7/17/2019 11:56:13 AM

Method: AnionsIC2-070819.mtw Last save: 7/8/2019 3:46:3
Run operator: wet
Analysis number: 22145

SAMPLE: 5.00g/100mL
: 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	5.65	0.301	8.15	4.53	205.972	5.66
2	8.32	0.161	21.31	11.85	235.301	6.46
3	9.86	0.190	38.68	21.52	526.145	14.45
4	12.27	0.227	22.95	12.77	340.625	9.36
5	13.95	0.261	28.78	16.01	514.150	14.12
6	22.33	0.440	24.62	13.70	863.511	23.72
7	26.02	0.415	35.26	19.61	955.381	26.24
7	28.00	0.285	179.76	100.00	3641.084	100.00

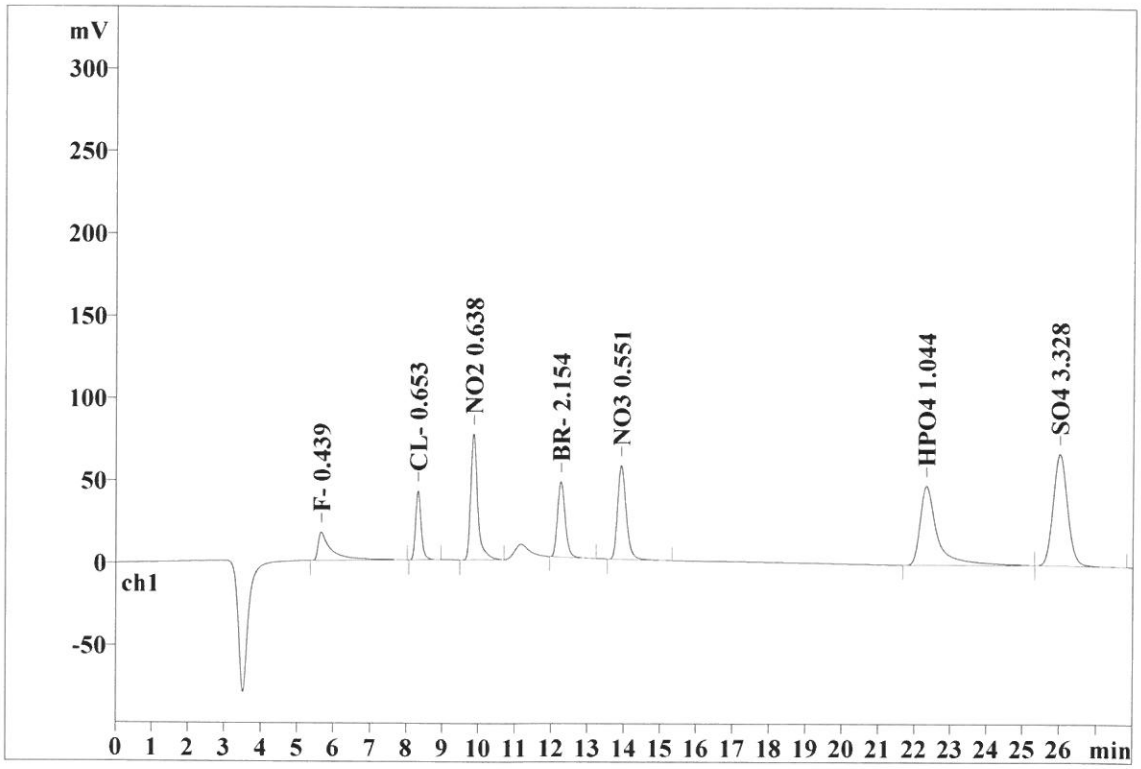
This report has been created by IC Net
METROHM LTD

Report date: 7/17/2019 3:39:33 PM
Printed by: wet

Ident: K3591-02RE
Analysis from: 7/16/2019 4:07:02 PM
File: _2019-07-16_ Last save: 7/17/2019 11:56:13 AM

Method: AnionsIC2-070819.mtw Last save: 7/8/2019 3:46:3
Run operator: wet
Analysis number: 22146

SAMPLE: 5.00g/100mL
: 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	5.66	0.298	17.22	4.87	448.302	6.39
2	8.32	0.160	41.78	11.81	450.841	6.42
3	9.85	0.189	76.49	21.61	1026.749	14.62
4	12.25	0.224	45.76	12.93	675.022	9.61
5	13.92	0.257	56.79	16.05	966.790	13.77
6	22.32	0.430	47.99	13.56	1632.836	23.26
7	26.02	0.411	67.85	19.17	1820.083	25.92
7	28.00	0.281	353.89	100.00	7020.624	100.00

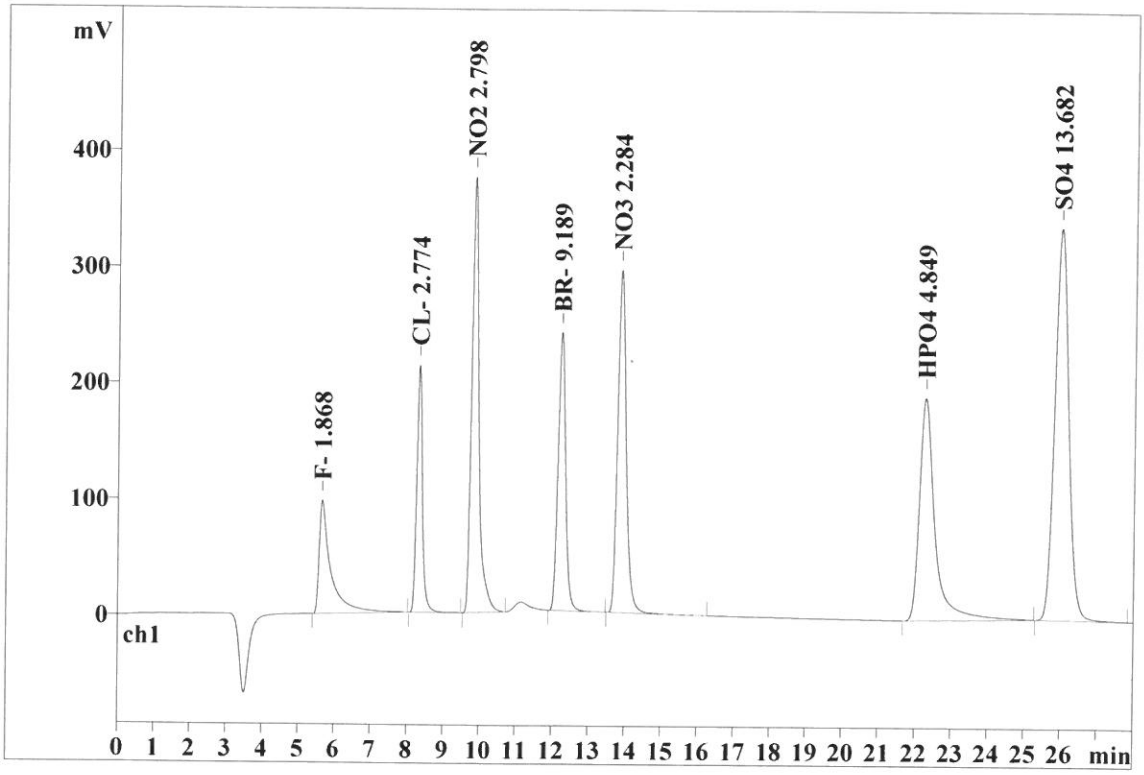
This report has been created by IC Net
METROHM LTD

Report date: 7/17/2019 3:39:53 PM
Printed by: wet

Ident: CCV
Analysis from: 7/16/2019 4:38:00 PM
File: _2019-07-16_ Last save: 7/16/2019 5:06:00 PM

Method: AnionsIC2-070819.mtw Last save: 7/8/2019 3:46:3
Run operator: wet
Analysis number: 22147

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	5.66	0.267	97.45	5.57	2210.859	6.77
2	8.31	0.158	212.64	12.16	2298.776	7.03
3	9.83	0.199	375.11	21.46	5261.803	16.10
4	12.23	0.219	239.67	13.71	3464.107	10.60
5	13.87	0.249	294.87	16.87	4887.857	14.96
6	22.28	0.397	191.39	10.95	5706.976	17.46
7	25.99	0.401	337.15	19.28	8848.555	27.08
7	28.00	0.270	1748.29	100.00	32678.933	100.00

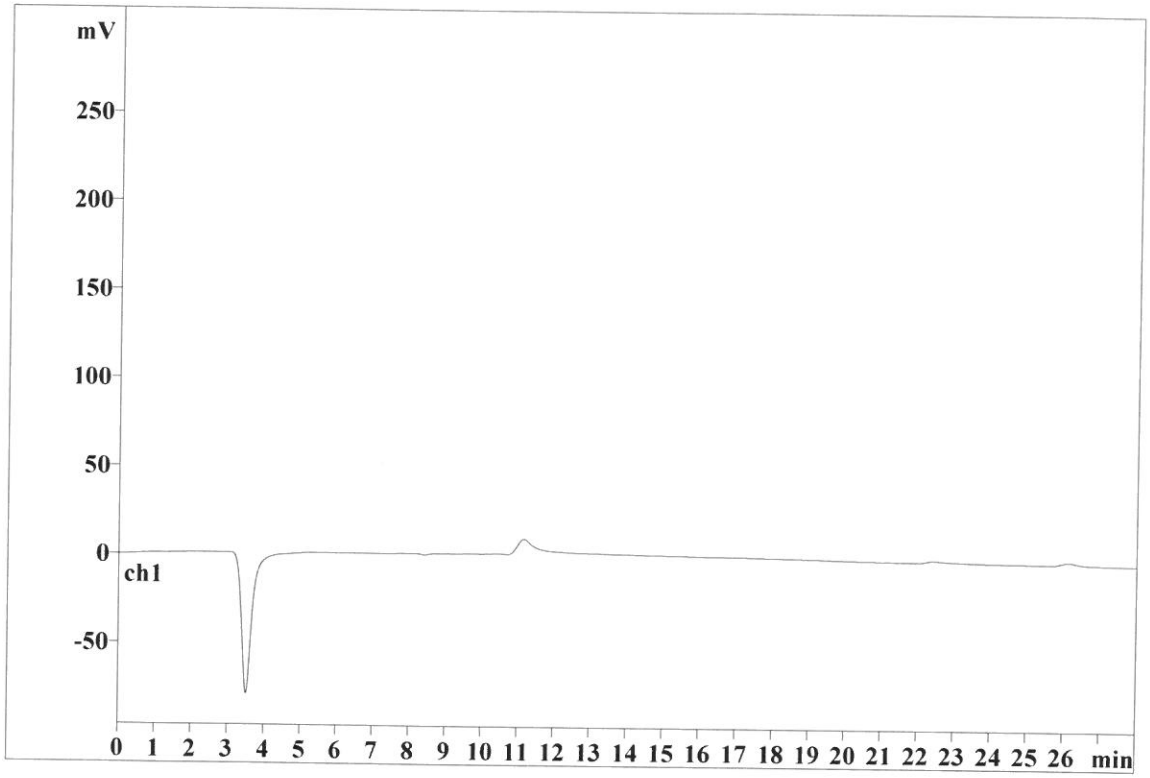
This report has been created by IC Net
METROHM LTD

Report date: 7/17/2019 3:40:01 PM
Printed by: wet

Ident: CCB
Analysis from: 7/16/2019 5:08:59 PM
File: _2019-07-16_ Last save: 7/16/2019 5:36:59 PM

Method: AnionsIC2-070819.mtw Last save: 7/8/2019 3:46:3
Run operator: wet
Analysis number: 22148

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD