

IC-2300.0

AK

8/23/17

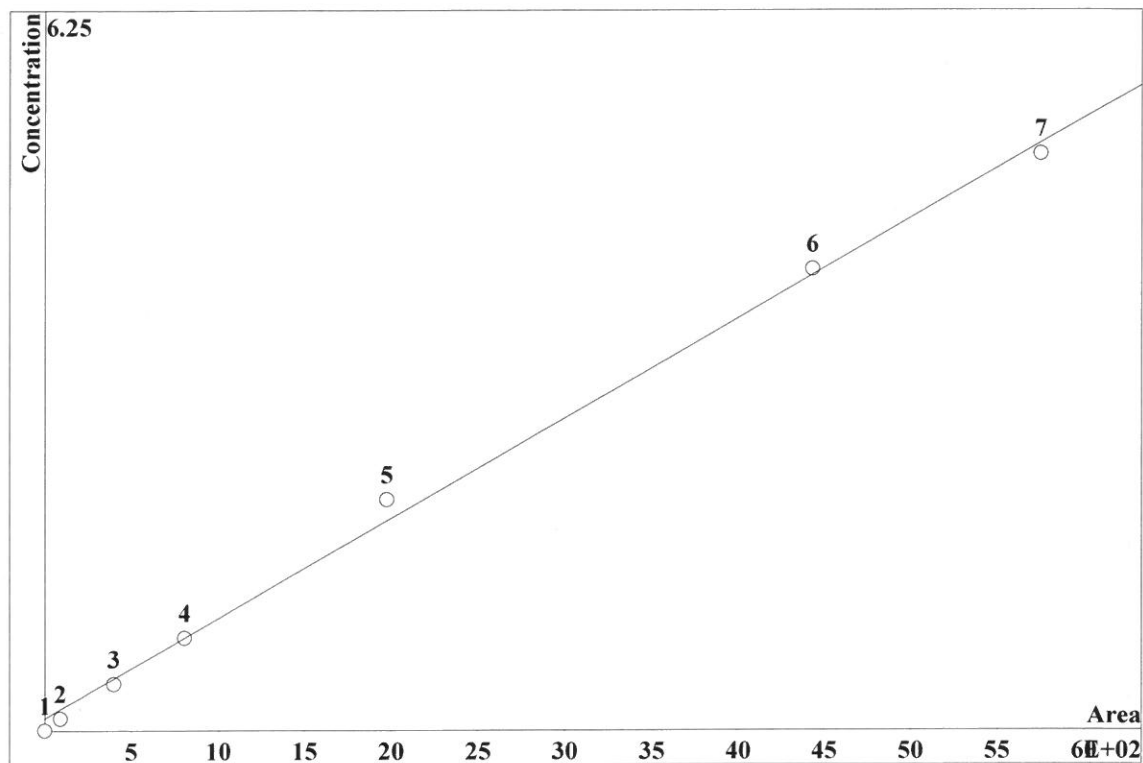
Clear table

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
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2017-08-07_	8/7/17 11:59
STD2	0.1840	0.2560	0.2700	0.8490	0.2170	0.2640	1.4300	_2017-08-07_	8/7/17 12:30
STD3	0.4500	0.6450	0.6450	2.1430	0.5380	1.0690	3.2850	_2017-08-07_	8/7/17 13:01
STD4	0.8020	1.1800	1.1680	3.9370	0.9830	2.0310	5.8520	_2017-08-07_	8/7/17 13:31
STD5	1.8170	2.8500	2.8470	9.5170	2.3710	4.9410	14.0570	_2017-08-07_	8/7/17 14:02
STD6	3.9510	5.8600	5.8580	19.5220	4.8810	9.7170	29.1990	_2017-08-07_	8/7/17 14:33
STD7	5.0950	7.6590	7.6620	25.5320	6.3850	12.7280	38.4270	_2017-08-07_	8/7/17 15:04
ICV	2.0690	2.9840	2.9980	9.9940	2.4950	5.2740	14.7520	_2017-08-07_	8/7/17 17:11
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2017-08-07_	8/7/17 17:42
CCV	2.0430	2.9560	2.9530	9.9670	2.4710	4.6610	14.6740	_2017-08-22_	8/22/17 15:19
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2017-08-22_	8/22/17 15:51
LB89651BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2017-08-22_	8/22/17 16:22
LB89651BSW	2.0210	2.9070	2.9210	9.8200	2.4440	4.9690	14.5090	_2017-08-22_	8/22/17 16:53
I4923-01	0.3110	134.8570	0.0000	0.7050	0.0000	0.0000	32.8790	_2017-08-22_	8/22/17 17:24
I4923-01DUP	0.3110	135.3930	0.0000	0.7140	0.0000	0.0000	32.8590	_2017-08-22_	8/22/17 17:55
I4923-01MS	2.2380	127.1810	3.0430	10.6580	2.5850	5.3300	89.8730	_2017-08-22_	8/22/17 18:26
I4923-02	0.4220	65.7840	0.0000	0.8160	1.0880	-0.0320	14.9880	_2017-08-22_	8/22/17 18:57
CCV	2.0360	2.9780	2.9810	10.0230	2.4960	5.3670	14.7830	_2017-08-22_	8/22/17 19:28
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2017-08-22_	8/22/17 19:59

IC-2 Col 8-7-11
AK

CALIBRATION OF COMPONENT F-

Method: AnionsIC2-080717.mtw
Equation: $Q = 0.0173542 \cdot A + 2.06792$
RSD: 5.692 %
Correlation coefficient: 0.998677

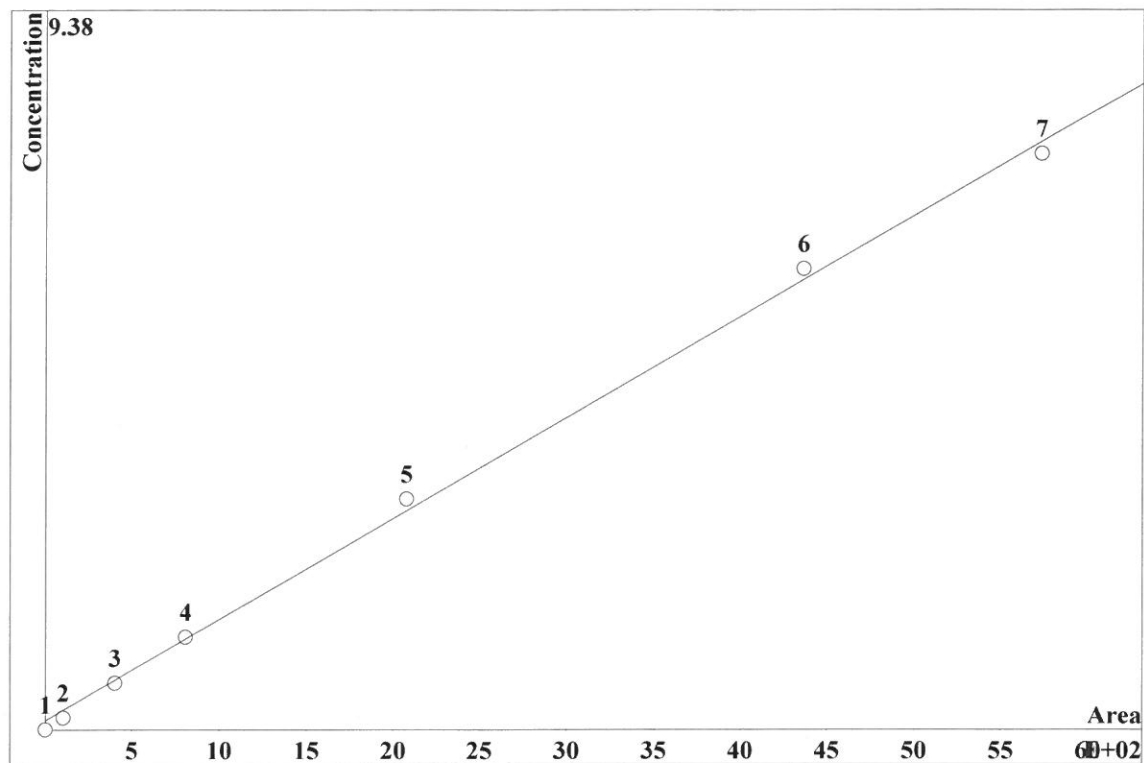


K3 = 0 K2 = 0 K1 = 0.0173542 K0 = 2.06792
Base: Area
Ref.channel: ch1
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		0
2	3.945	93.38	0.1	20	5.175		
3	17.14	399.1	0.4	20	5.175		
4	34.15	805.3	0.8	20	5.175		
5	85.75	1975	2	20	5.175		
6	181.9	4434	4	20	5.175		
7	227.9	5753	5	20	5.175		

CALIBRATION OF COMPONENT CL-

Method: AnionsIC2-080717.mtw
 Equation: $Q = 0.0263015 \cdot A + 2.34303$
 RSD: 4.624 %
 Correlation coefficient: 0.999127

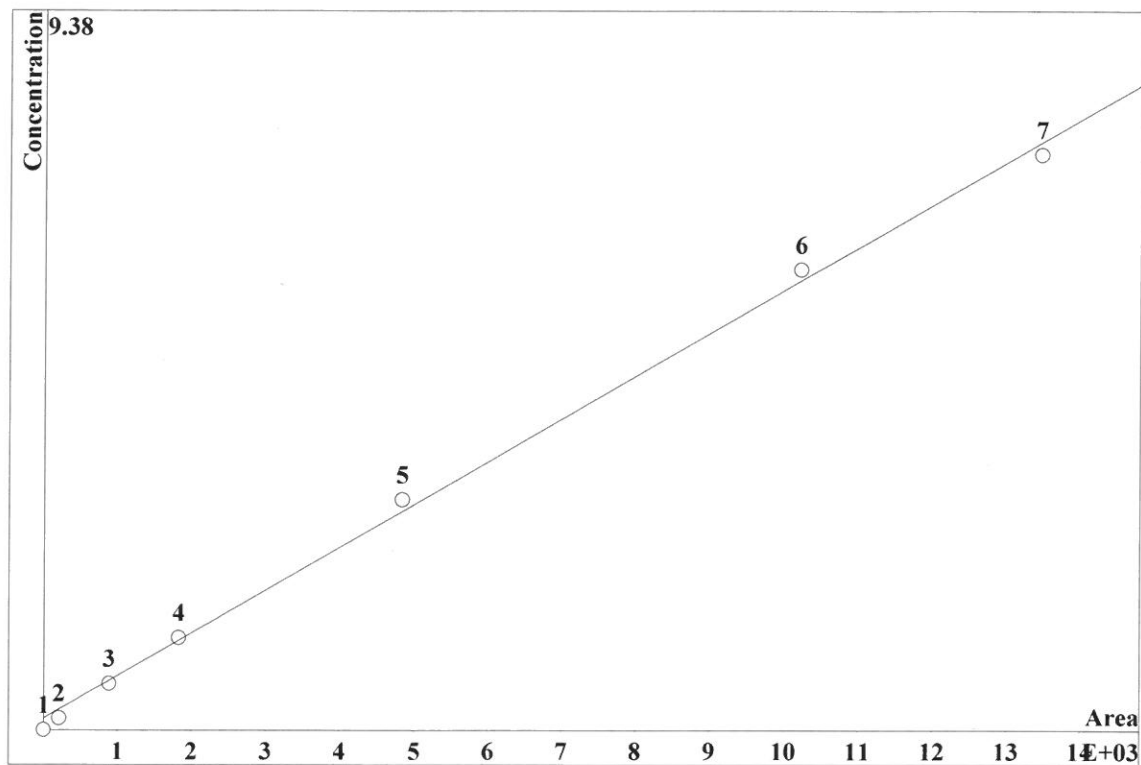


K3 = 0 K2 = 0 K1 = 0.0263015 K0 = 2.34303
 Base: Area
 Ref.channel: ch1
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		0
2	7.238	105.5	0.15	20	9.032		
3	28.06	401.3	0.6	20	9.032		
4	56.98	808.6	1.2	20	9.032		
5	148.7	2078	3	20	9.032		
6	316.7	4367	6	20	9.032		
7	420.9	5735	7.5	20	9.032		

CALIBRATION OF COMPONENT NO2

Method: AnionsIC2-080717.mtw
 Equation: $Q = 0.0111582 \cdot A + 3.01119$
 RSD: 4.803 %
 Correlation coefficient: 0.999058

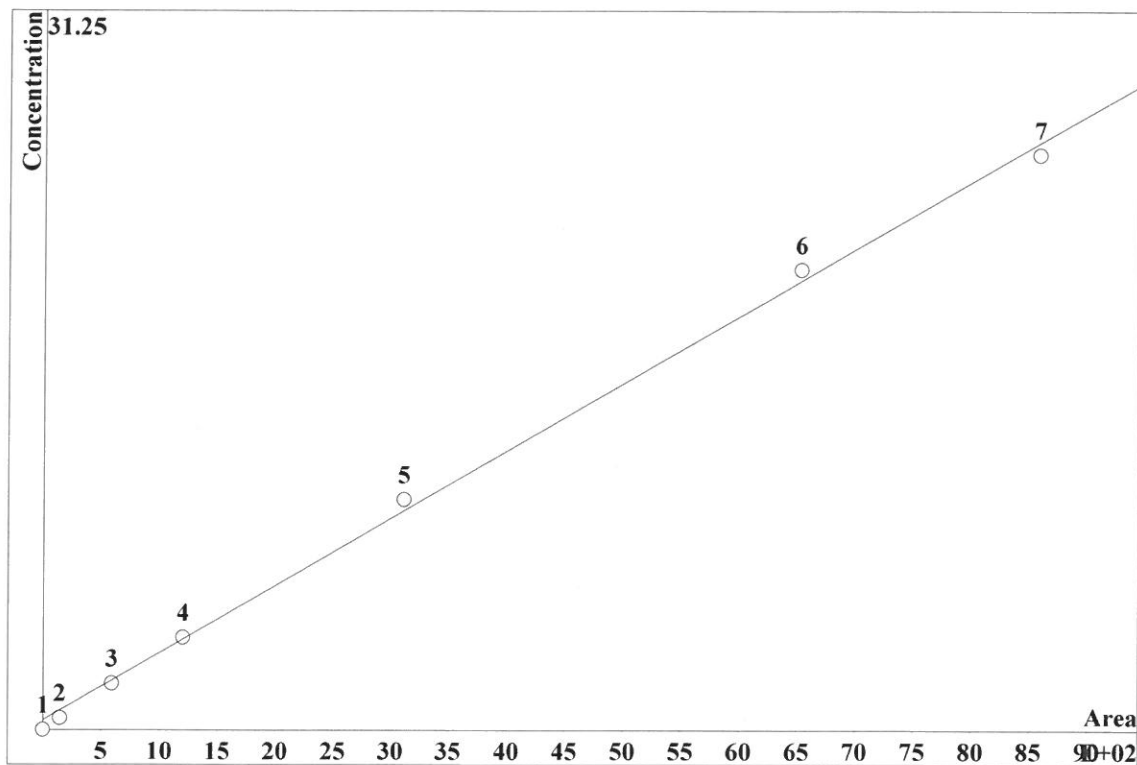


K3 = 0 K2 = 0 K1 = 0.0111582 K0 = 3.01119
 Base: Area
 Ref.channel: ch1
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		0
2	12.8	213.7	0.15	20	11.72		
3	52.49	886.6	0.6	20	11.72		
4	108.9	1823	1.2	20	11.72		
5	290.5	4833	3	20	11.72		
6	606.6	1.023e+04	6	20	11.72		
7	806.8	1.346e+04	7.5	20	11.72		

CALIBRATION OF COMPONENT BR-

Method: AnionsIC2-080717.mtw
 Equation: $Q = 0.058529 \cdot A + 8.28559$
 RSD: 4.603 %
 Correlation coefficient: 0.999135

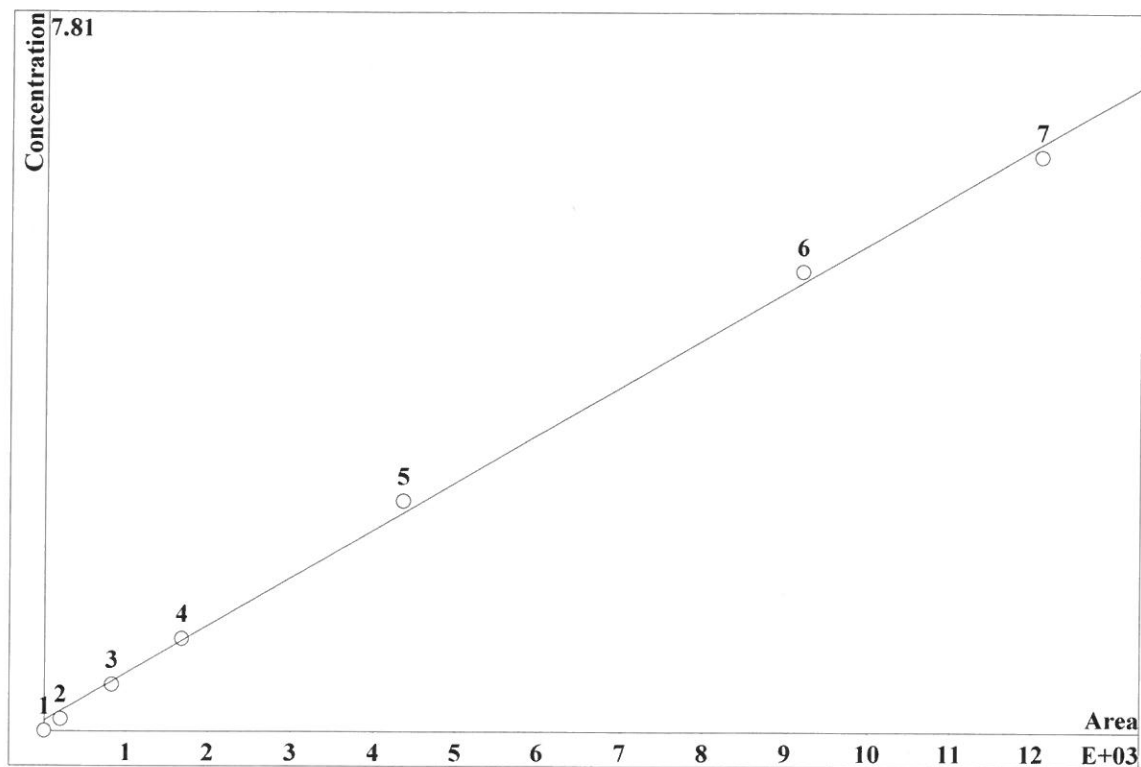


K3 = 0 K2 = 0 K1 = 0.058529 K0 = 8.28559
 Base: Area
 Ref.channel: ch1
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		0
2	6.758	148.4	0.5	20	15.11		
3	27.75	590.9	2	20	15.11		
4	56.75	1204	4	20	15.11		
5	148.3	3111	10	20	15.11		
6	313.7	6529	20	20	15.11		
7	415.1	8583	25	20	15.11		

CALIBRATION OF COMPONENT NO3

Method: AnionsIC2-080717.mtw
 Equation: $Q = 0.0103671 \cdot A + 2.24907$
 RSD: 4.762 %
 Correlation coefficient: 0.999074

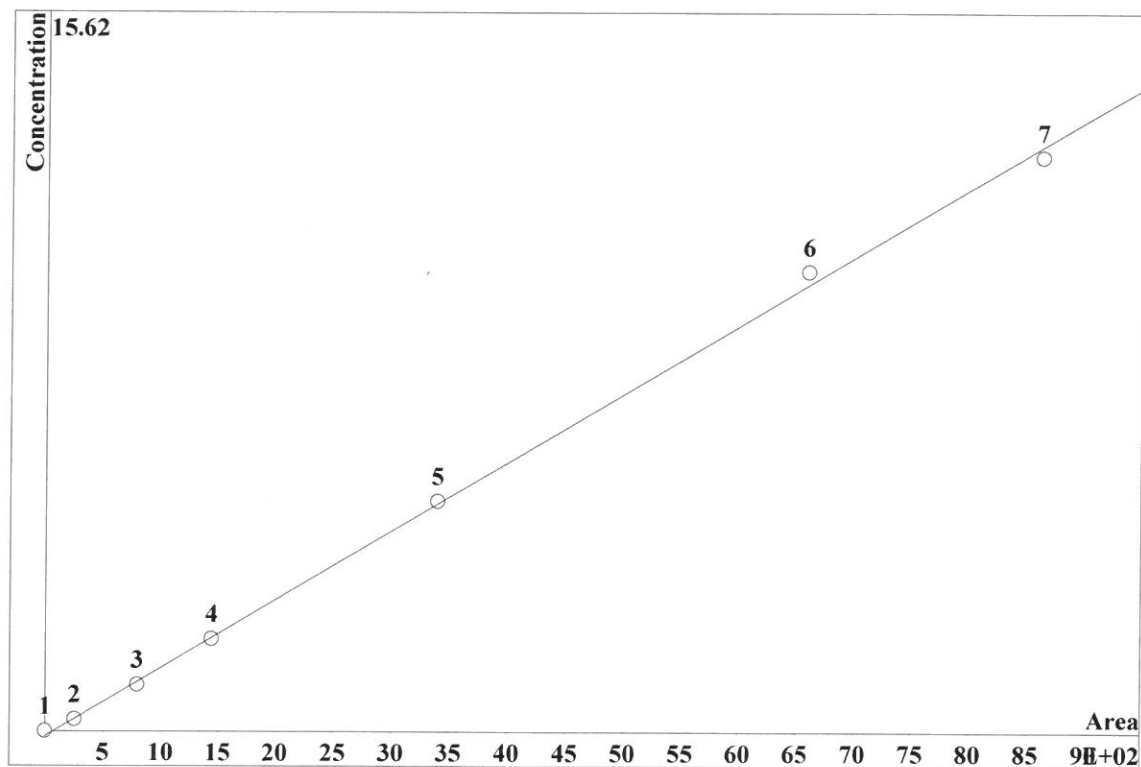


K3 = 0 K2 = 0 K1 = 0.0103671 K0 = 2.24907
 Base: Area
 Ref.channel: ch1
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		0
2	8.199	202.2	0.125	20	17.96		
3	33.55	821.4	0.5	20	17.96		
4	68.29	1679	1	20	17.96		
5	176.9	4357	2.5	20	17.96		
6	367.9	9199	5	20	17.96		
7	481.3	1.21e+04	6.25	20	17.96		

CALIBRATION OF COMPONENT HPO4

Method: AnionsIC2-080717.mtw
 Equation: $Q = 0.0297833 \cdot A - 2.3432$
 RSD: 3.664 %
 Correlation coefficient: 0.999452

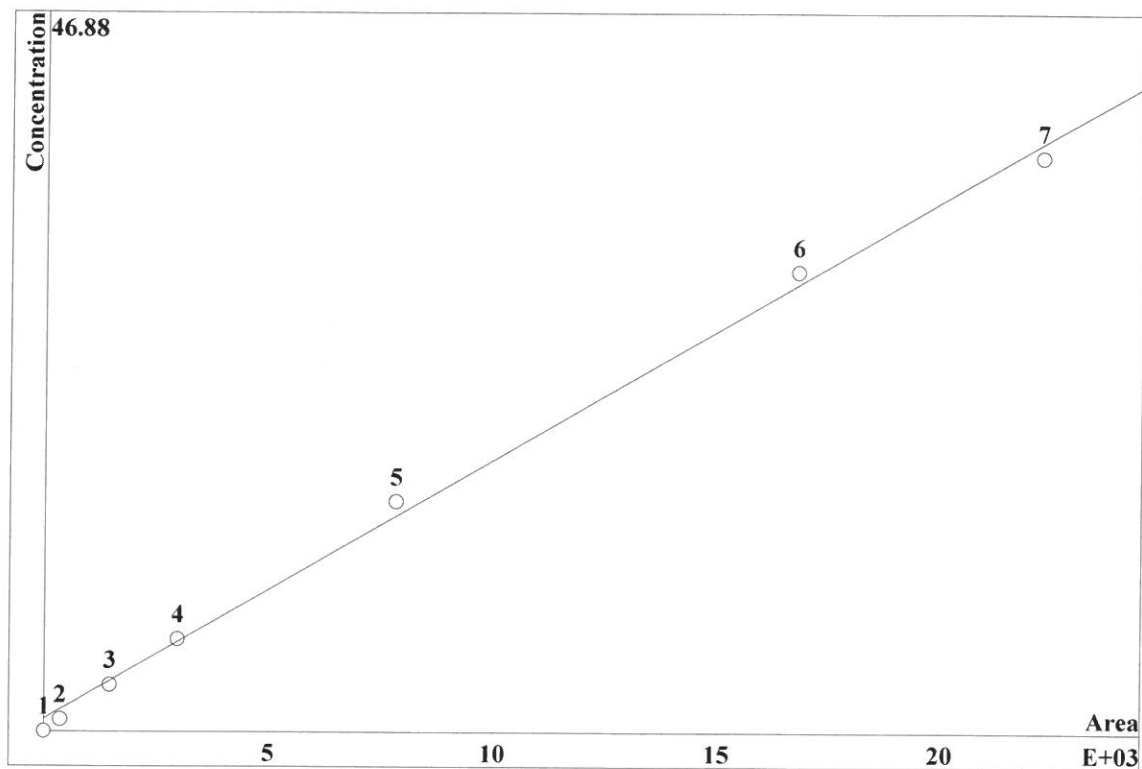


K3 = 0 K2 = 0 K1 = 0.0297833 K0 = -2.3432
 Base: Area
 Ref.channel: ch1
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		
2	6.21	256	0.25	20	23.35		
3	19.95	796.4	1	20	23.35		
4	37.35	1442	2	20	23.35		
5	92.63	3397	5	20	23.35		
6	182.3	6604	10	20	23.35		
7	241.1	8625	12.5	20	23.35		

CALIBRATION OF COMPONENT SO4

Method: AnionsIC2-080717.mtw
 Equation: $Q = 0.0338478 \cdot A + 16.0388$
 RSD: 5.592 %
 Correlation coefficient: 0.998723



K3 = 0 K2 = 0 K1 = 0.0338478 K0 = 16.0388

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	11.04	371.3	0.75	20	25.16		
3	43.8	1467	3	20	25.16		
4	89.18	2984	6	20	25.16		
5	235.8	7832	15	20	25.16		
6	506.5	1.678e+04	30	20	25.16		
7	672.5	2.223e+04	37.5	20	25.16		

Report date: 8/23/2017 8:56:07 AM
Printed by: wet

IC-2

Col 8-7-17

Ident: STD1
Analysis from: 8/7/2017 11:59:05 AM
File: _2017-08-07_

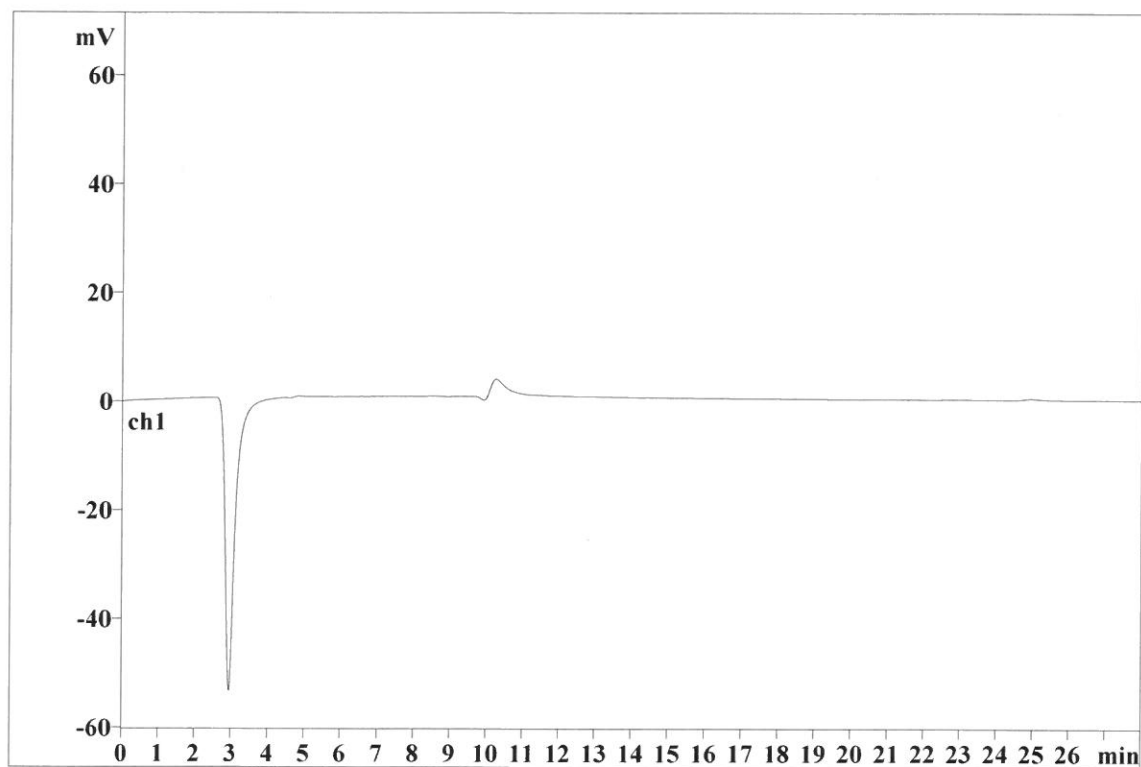
AK 8/23/17

Last save: 8/8/2017 8:48:43 AM

Method: AnionsIC2-080717.mtw
Run operator: wet
Analysis number: 14849

Last save: 8/7/2017 3:01:5

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



Quantitation method: Custom

No peaks

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Report date: 8/23/2017 8:56:27 AM
Printed by: wet

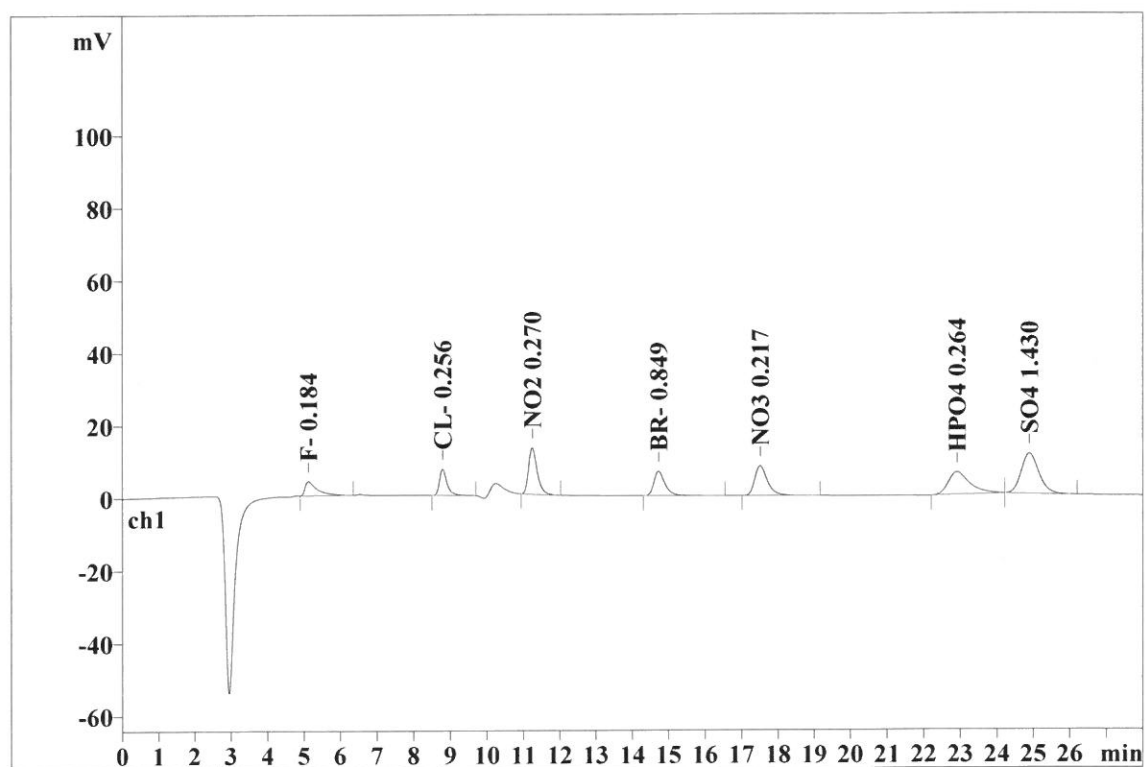
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Analysis from: 8/7/2017 12:30:03 PM
File: _2017-08-07_

Last save: 8/8/2017 8:48:43 AM

Method: AnionsIC2-080717.mtw
Run operator: wet
Analysis number: 14850

Last save: 8/7/2017 3:01:5

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	5.13	0.319	3.94	7.02	93.380	6.72
2	8.79	0.207	7.24	12.88	105.535	7.59
3	11.25	0.251	12.80	22.78	213.703	15.37
4	14.73	0.320	6.76	12.02	148.406	10.67
5	17.51	0.365	8.20	14.59	202.151	14.54
6	22.91	0.605	6.21	11.05	256.002	18.41
7	24.90	0.514	11.04	19.65	371.276	26.70
7	28.00	0.369	56.19	99.99	1390.452	100.00

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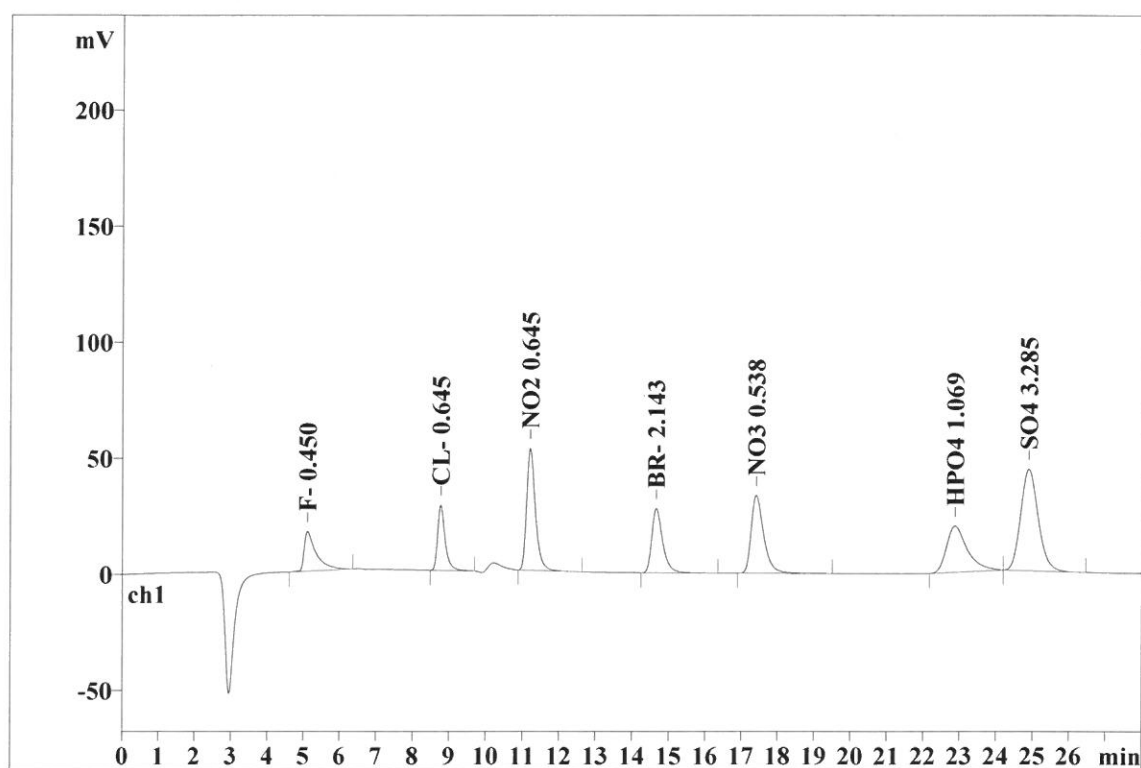
Ident: STD3
Analysis from: 8/7/2017 1:01:01 PM
File: _2017-08-07_

Last save: 8/8/2017 8:48:43 AM

Method: AnionsIC2-080717.mtw
Run operator: wet
Analysis number: 14851

Last save: 8/7/2017 3:01:5

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	5.11	0.308	17.14	7.70	399.125	7.44
2	8.77	0.206	28.06	12.60	401.283	7.48
3	11.22	0.251	52.49	23.56	886.578	16.53
4	14.65	0.314	27.74	12.46	590.860	11.02
5	17.41	0.362	33.55	15.06	821.376	15.32
6	22.88	0.587	19.94	8.95	796.376	14.85
7	24.90	0.511	43.80	19.66	1467.275	27.36
7	28.00	0.363	222.73	100.00	5362.874	100.00

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Report date: 8/23/2017 8:56:57 AM
Printed by: wet

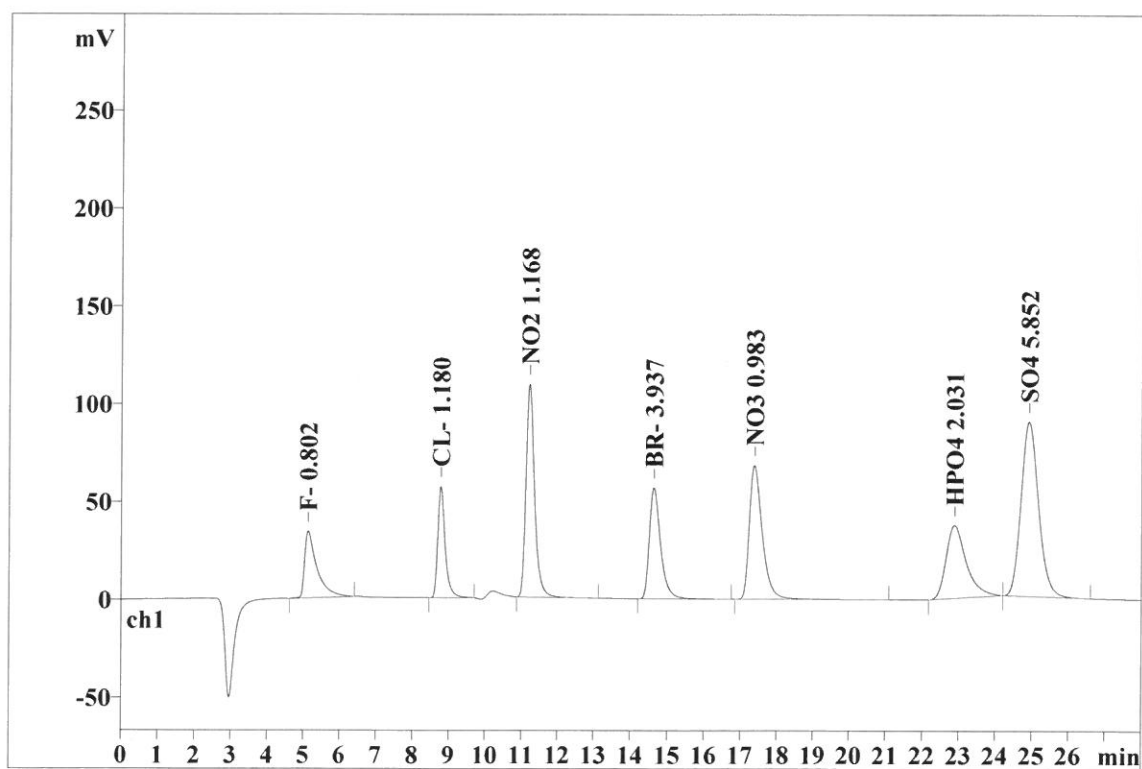
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Analysis from: 8/7/2017 1:31:59 PM
File: _2017-08-07_

Last save: 8/8/2017 8:48:43 AM

Method: AnionsIC2-080717.mtw
Run operator: wet
Analysis number: 14852

Last save: 8/7/2017 3:01:5

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	5.13	0.320	34.14	7.56	805.340	7.49
2	8.78	0.204	56.98	12.62	808.574	7.52
3	11.22	0.247	108.93	24.12	1822.894	16.96
4	14.63	0.311	56.74	12.56	1203.865	11.20
5	17.37	0.360	68.28	15.12	1678.555	15.62
6	22.88	0.567	37.35	8.27	1442.456	13.42
7	24.92	0.509	89.18	19.75	2984.186	27.77
7	28.00	0.360	451.62	100.00	10745.870	100.00

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Report date: 8/23/2017 8:57:07 AM
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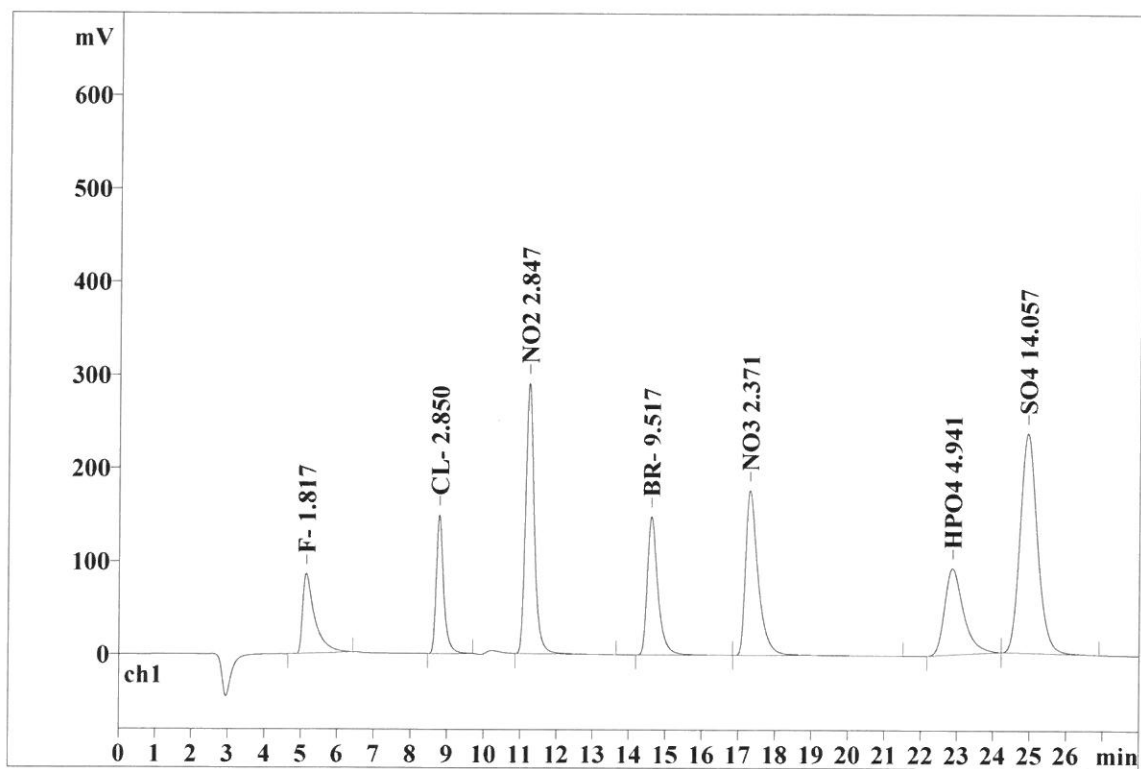
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Analysis from: 8/7/2017 2:02:57 PM
File: _2017-08-07_

Last save: 8/8/2017 8:48:43 AM

Method: AnionsIC2-080717.mtw
Run operator: wet
Analysis number: 14853

Last save: 8/7/2017 3:01:5

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	5.14	0.314	85.74	7.27	1975.113	7.16
2	8.78	0.201	148.73	12.62	2078.197	7.53
3	11.24	0.245	290.49	24.64	4833.377	17.52
4	14.60	0.307	148.31	12.58	3110.588	11.28
5	17.31	0.359	176.94	15.01	4356.879	15.80
6	22.87	0.540	92.63	7.86	3396.886	12.32
7	24.94	0.503	235.82	20.01	7832.095	28.39
7	28.00	0.353	1178.66	100.00	27583.134	100.00

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Report date: 8/23/2017 8:57:51 AM
Printed by: wet

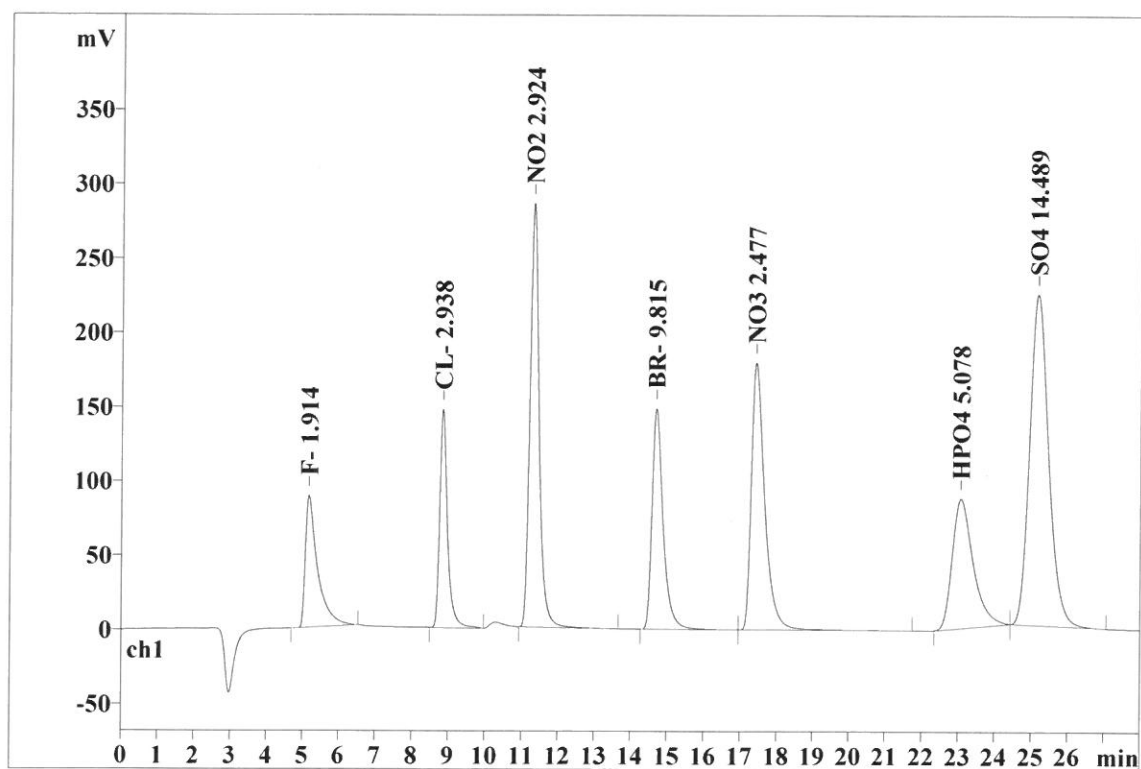
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File: _2017-08-07_

Last save: 8/7/2017 4:37:25 PM

Method: AnionsIC2-080717.mtw
Run operator: wet
Analysis number: 14857

Last save: 8/7/2017 3:32:5

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	5.17	0.318	88.78	7.66	2086.597	7.30
2	8.84	0.210	147.05	12.69	2183.874	7.64
3	11.32	0.256	285.27	24.61	4970.864	17.39
4	14.70	0.315	148.46	12.81	3212.316	11.24
5	17.43	0.369	179.74	15.51	4561.461	15.95
6	23.07	0.596	87.07	7.51	3488.803	12.20
7	25.17	0.551	222.75	19.22	8087.520	28.29
7	28.00	0.374	1159.12	100.00	28591.435	100.00

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Report date: 8/23/2017 8:58:00 AM
Printed by: wet

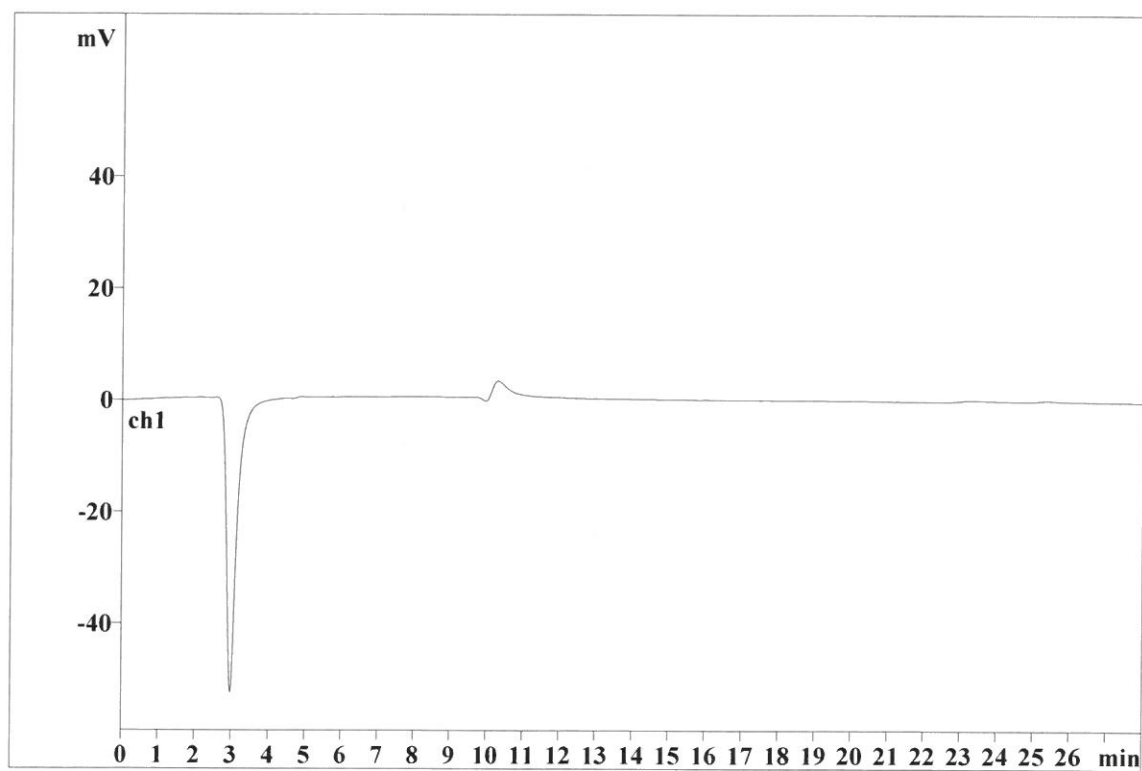
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Analysis from: 8/7/2017 4:40:23 PM
File: _2017-08-07_

Last save: 8/7/2017 5:08:24 PM

Method: AnionsIC2-080717.mtw
Run operator: wet
Analysis number: 14858

Last save: 8/7/2017 3:32:5

SAMPLE:
:
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: 8/23/2017 8:58:12 AM
Printed by: wet

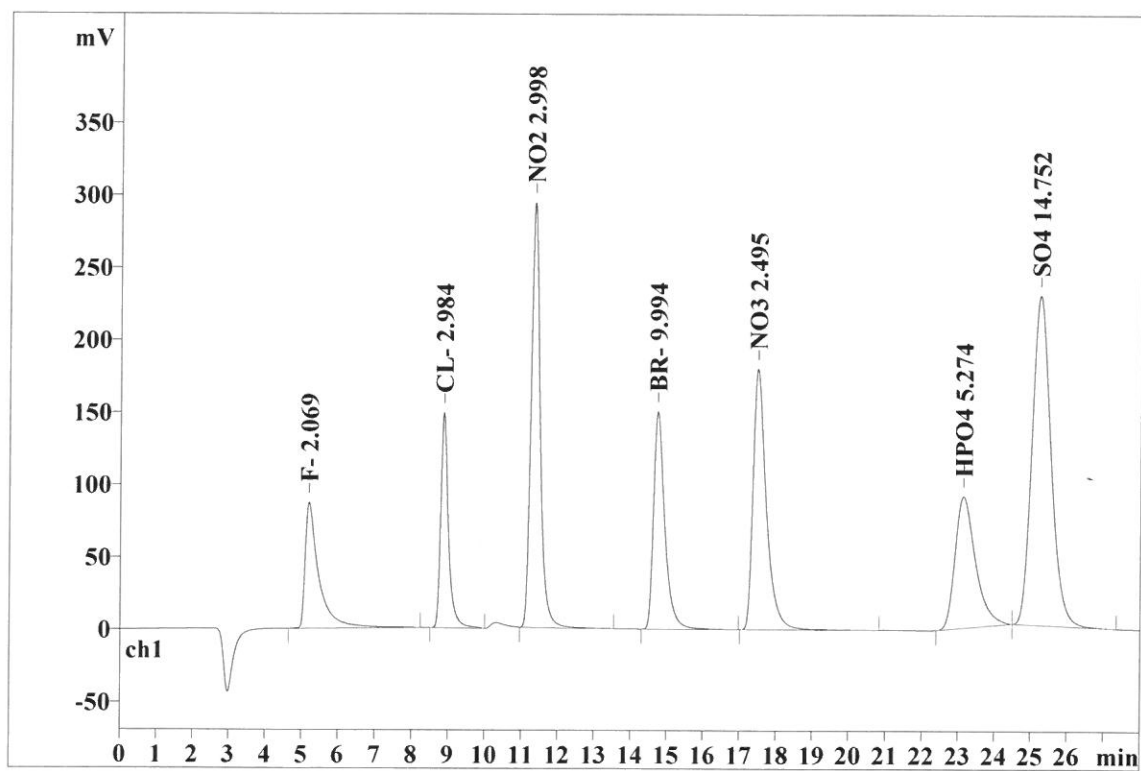
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Analysis from: 8/7/2017 5:11:21 PM
File: _2017-08-07_

Last save: 8/7/2017 5:39:21 PM

Method: AnionsIC2-080717.mtw
Run operator: wet
Analysis number: 14859

Last save: 8/7/2017 3:32:5

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	5.20	0.336	86.93	7.38	2264.958	7.72
2	8.87	0.210	148.70	12.62	2219.460	7.57
3	11.35	0.254	293.43	24.91	5104.073	17.41
4	14.75	0.316	150.15	12.75	3273.413	11.16
5	17.49	0.370	180.04	15.28	4596.756	15.68
6	23.14	0.592	90.97	7.72	3619.977	12.35
7	25.25	0.550	227.71	19.33	8243.050	28.11
7	28.00	0.376	1177.92	100.00	29321.688	100.00

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Report date: 8/23/2017 8:58:25 AM
Printed by: wet

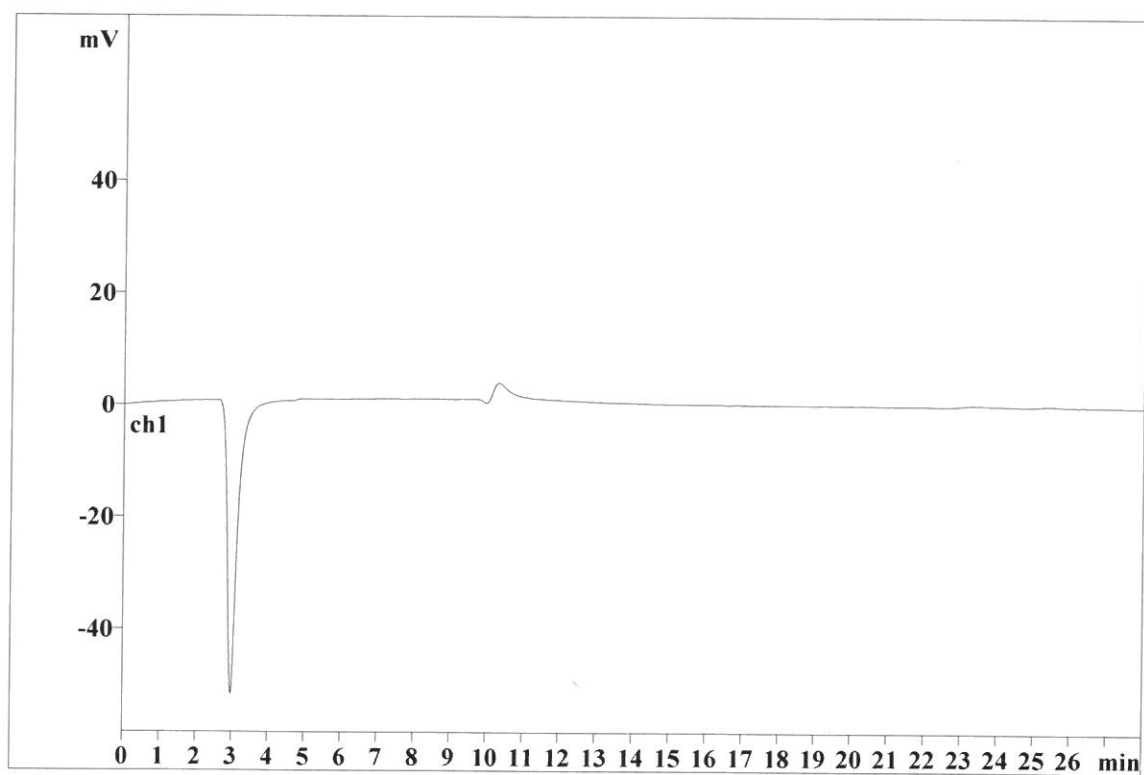
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Analysis from: 8/7/2017 5:42:19 PM
File: _2017-08-07_

Last save: 8/7/2017 6:10:19 PM

Method: AnionsIC2-080717.mtw
Run operator: wet
Analysis number: 14860

Last save: 8/7/2017 3:32:5

SAMPLE:
:
Vial number: 12
Volume: 20.0 μ L
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No peaks

This report has been created by IC Net
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Report date: 8/23/2017 8:29:14 AM
Printed by: wet

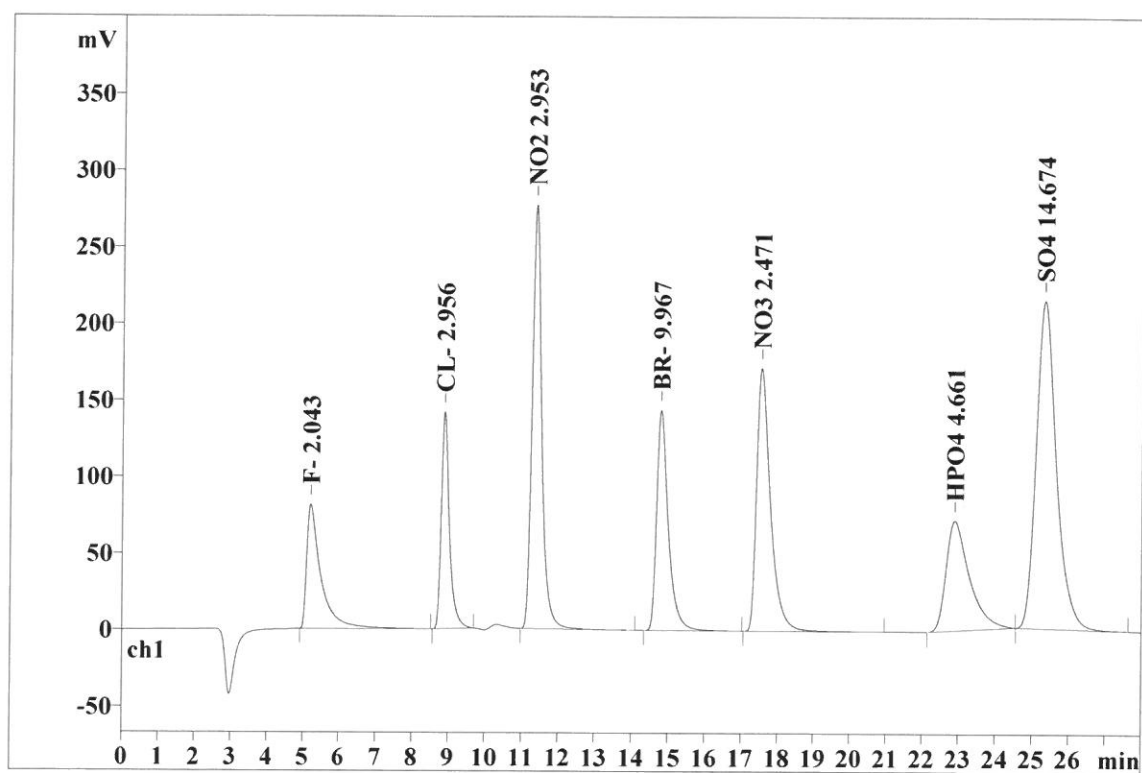
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Analysis from: 8/22/2017 3:19:19 PM
File: _2017-08-22_

Last save: 8/22/2017 3:47:19 PM

Method: AnionsIC2-080717.mtw
Run operator: wet
Analysis number: 14912

Last save: 8/8/2017 8:48:5

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	0.359	81.13	7.37	2235.491	7.81
2	8.88	0.218	141.60	12.87	2158.841	7.54
3	11.38	0.264	276.68	25.14	5023.940	17.54
4	14.79	0.330	143.80	13.07	3264.354	11.40
5	17.54	0.386	171.64	15.60	4550.331	15.89
6	22.89	0.653	71.75	6.52	3208.731	11.20
7	25.32	0.571	213.99	19.44	8197.001	28.62
7	28.00	0.397	1100.59	100.00	28638.689	100.00

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METROHM LTD

Report date: 8/23/2017 8:29:29 AM
Printed by: wet

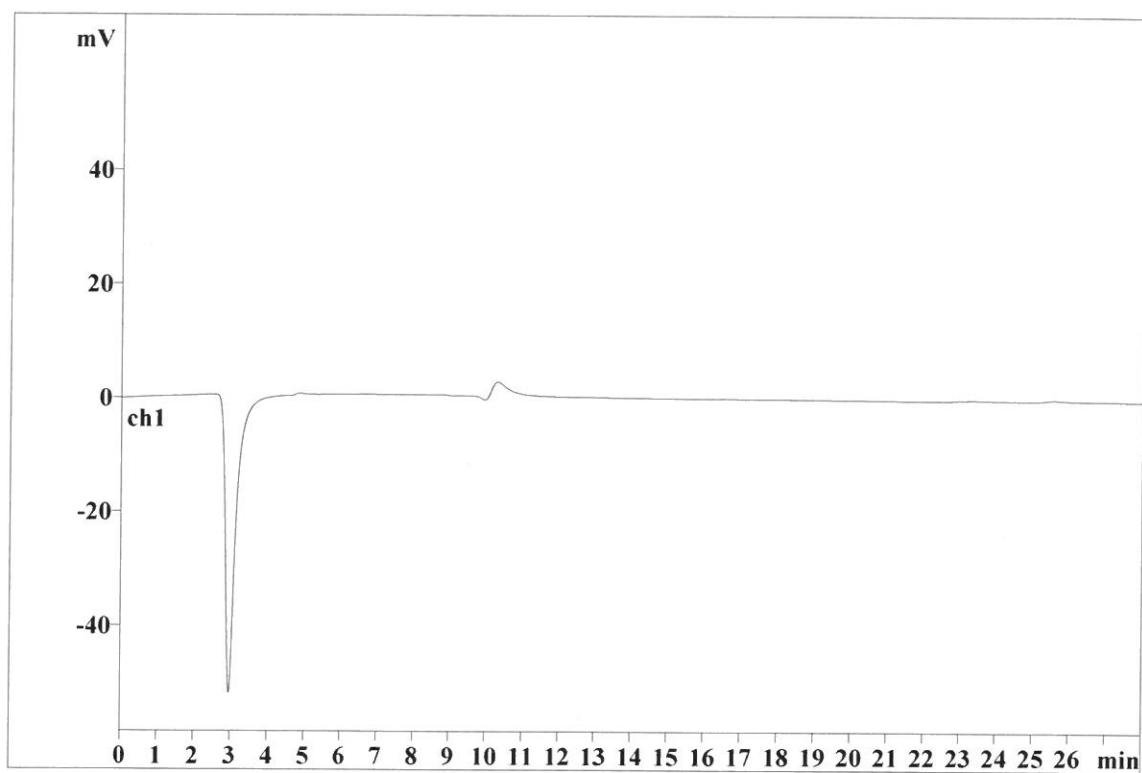
Ident: CCB
Analysis from: 8/22/2017 3:51:38 PM
File: _2017-08-22_

Last save: 8/22/2017 4:19:38 PM

Method: AnionsIC2-080717.mtw
Run operator: wet
Analysis number: 14913

Last save: 8/8/2017 8:48:5

SAMPLE:
:
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: 8/23/2017 8:29:42 AM
Printed by: wet

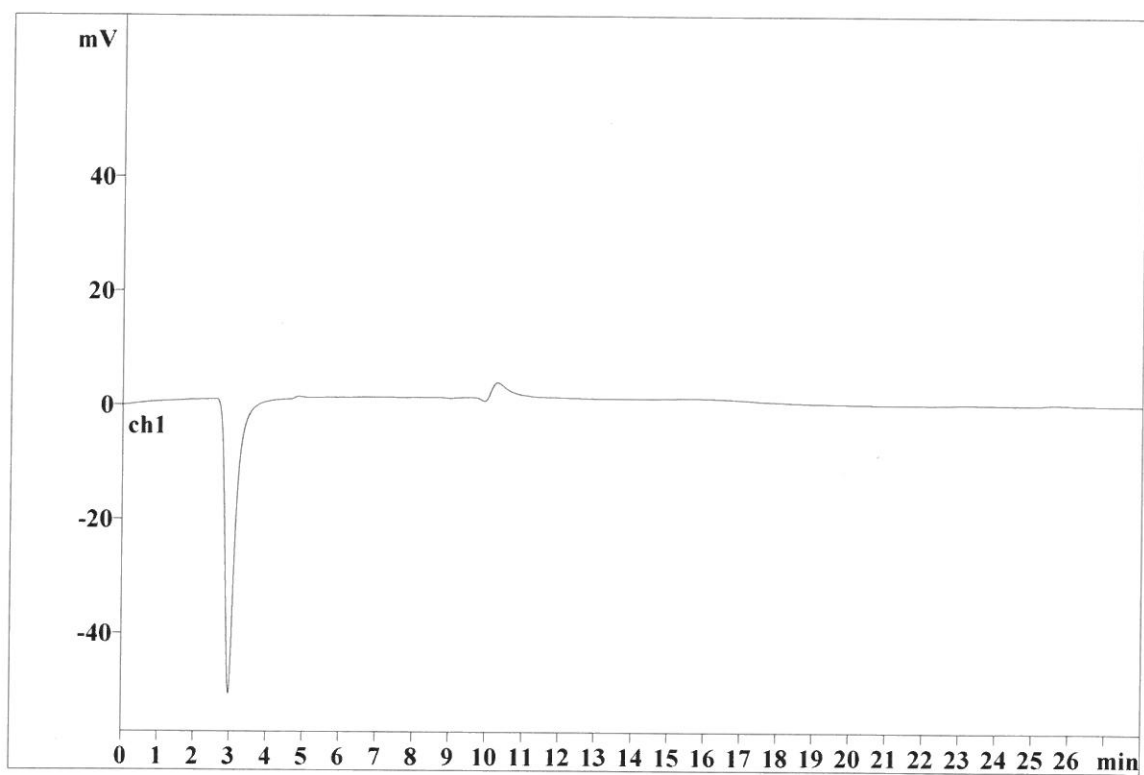
Ident: LB89651BLW
Analysis from: 8/22/2017 4:22:36 PM
File: _2017-08-22_

Last save: 8/22/2017 4:50:36 PM

Method: AnionsIC2-080717.mtw
Run operator: wet
Analysis number: 14914

Last save: 8/8/2017 8:48:5

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: 8/23/2017 8:30:05 AM
Printed by: wet

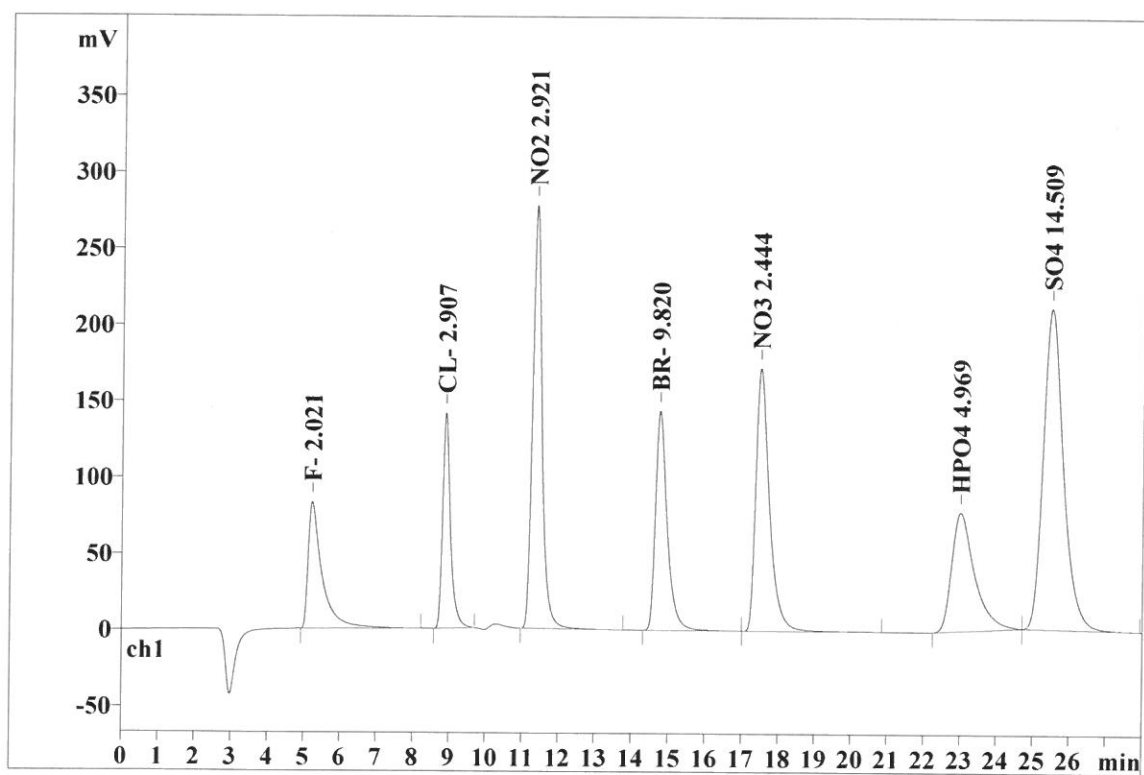
Ident: LB89651BSW
Analysis from: 8/22/2017 4:53:34 PM
File: _2017-08-22_

Last save: 8/22/2017 5:21:35 PM

Method: AnionsIC2-080717.mtw
Run operator: wet
Analysis number: 14915

Last save: 8/8/2017 8:48:5

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	5.22	0.350	82.87	7.50	2210.389	7.75
2	8.89	0.216	141.10	12.77	2121.788	7.44
3	11.37	0.261	277.45	25.10	4965.307	17.41
4	14.76	0.325	143.80	13.01	3214.093	11.27
5	17.50	0.381	172.12	15.57	4497.331	15.77
6	23.00	0.640	77.79	7.04	3415.311	11.97
7	25.50	0.575	210.21	19.02	8099.185	28.39
7	28.00	0.393	1105.34	100.00	28523.405	100.00

This report has been created by IC Net
METROHM LTD

Report date: 8/23/2017 8:40:33 AM
Printed by: wet

Ident: I4923-01
Analysis from: 8/22/2017 5:24:32 PM
File: _2017-08-22_

Last save: 8/23/2017 8:36:18 AM

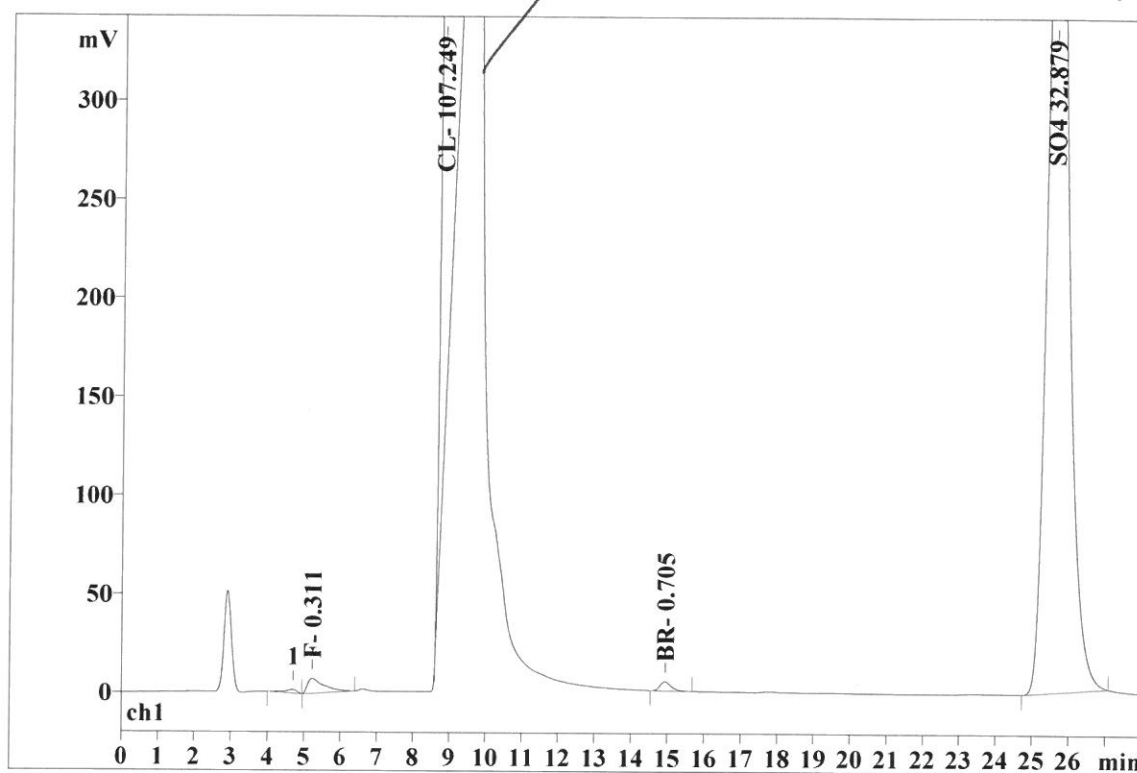
Method: AnionsIC2-080717.mtw
Run operator: wet
Analysis number: 14916

Last save: 8/8/2017 8:48:5

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

Before peak was not integrated properly by software.

AK 8/23/17



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	5.22	0.460	7.50	0.32	239.096	0.24
2	8.80	0.785	1819.96	77.75	81463.986	80.82
3	0.00	0.000	0.00	0.00	0.000	0.00
4	14.94	0.322	4.67	0.20	99.334	0.10
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	25.59	0.557	509.30	21.76	18953.928	18.80
7	28.00	0.303	2341.43	100.02	100756.344	99.96

This report has been created by IC Net
METROHM LTD

Report date: 8/23/2017 8:41:27 AM
Printed by: wet

Ident: I4923-01
Analysis from: 8/22/2017 5:24:32 PM
File: 2017-08-22_
Modified! Manual peaks!
Method: AnionsIC2-080717.mtw
Run operator: wet
Analysis number: 14916

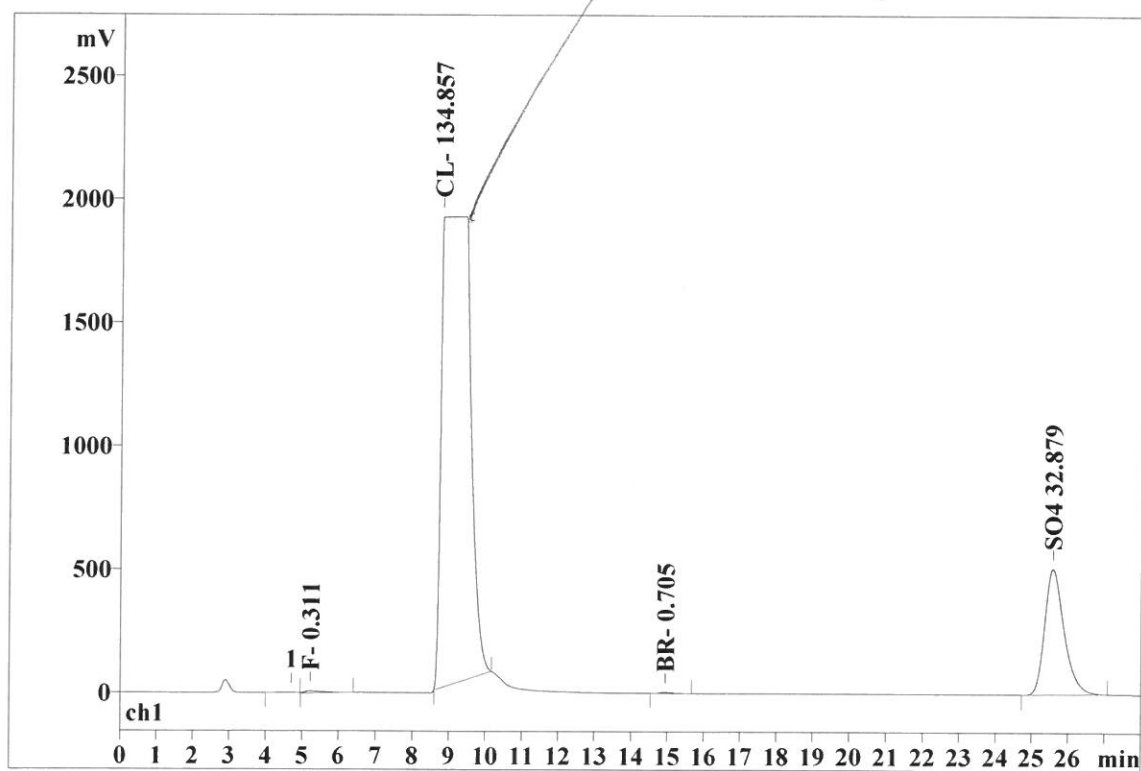
Last save: 8/23/2017 8:36:18 AM

Last save: 8/8/2017 8:48:5

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

AK/AP

After
AK
8/23/17



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	5.22	0.460	7.50	0.31	239.096	0.20
2	8.80	0.854	1913.49	78.72	102458.125	84.12
3	0.00	0.000	0.00	0.00	0.000	0.00
4	14.94	0.322	4.67	0.19	99.334	0.08
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	25.59	0.557	509.30	20.95	18953.928	15.56
7	28.00	0.313	2434.96	100.18	121750.483	99.96

This report has been created by IC Net
METROHM LTD

Report date: 8/23/2017 8:42:03 AM
Printed by: wet

Ident: I4923-01DUP
Analysis from: 8/22/2017 5:55:30 PM
File: _2017-08-22_

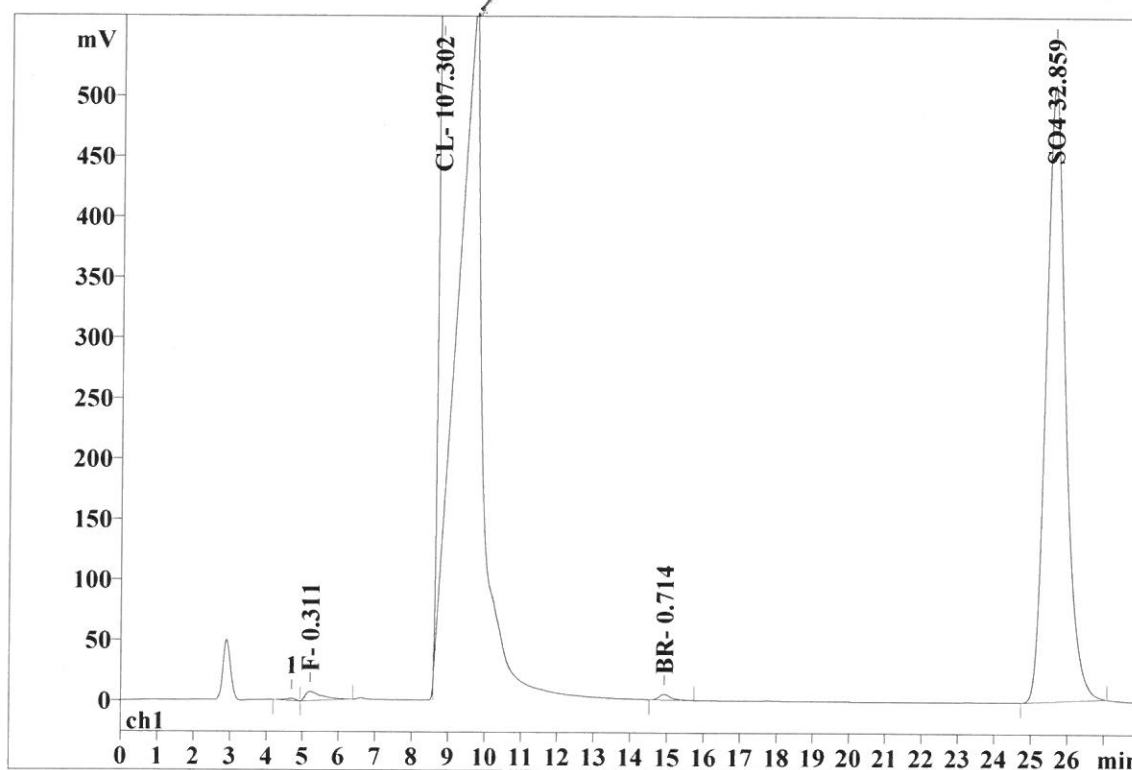
Last save: 8/23/2017 8:36:18 AM

Method: AnionsIC2-080717.mtw
Run operator: wet
Analysis number: 14917

Last save: 8/8/2017 8:48:5

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

Before Peak was not integrated properly by software.
AK 8/23/17



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	5.21	0.441	7.55	0.32	238.685	0.24
2	8.79	0.787	1816.52	77.70	81504.577	80.84
3	0.00	0.000	0.00	0.00	0.000	0.00
4	14.93	0.324	4.71	0.20	102.351	0.10
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	25.58	0.557	509.43	21.79	18941.936	18.79
7	28.00	0.301	2338.21	100.02	100787.548	99.97

This report has been created by IC Net
METROHM LTD

Report date: 8/23/2017 8:44:43 AM
Printed by: wet

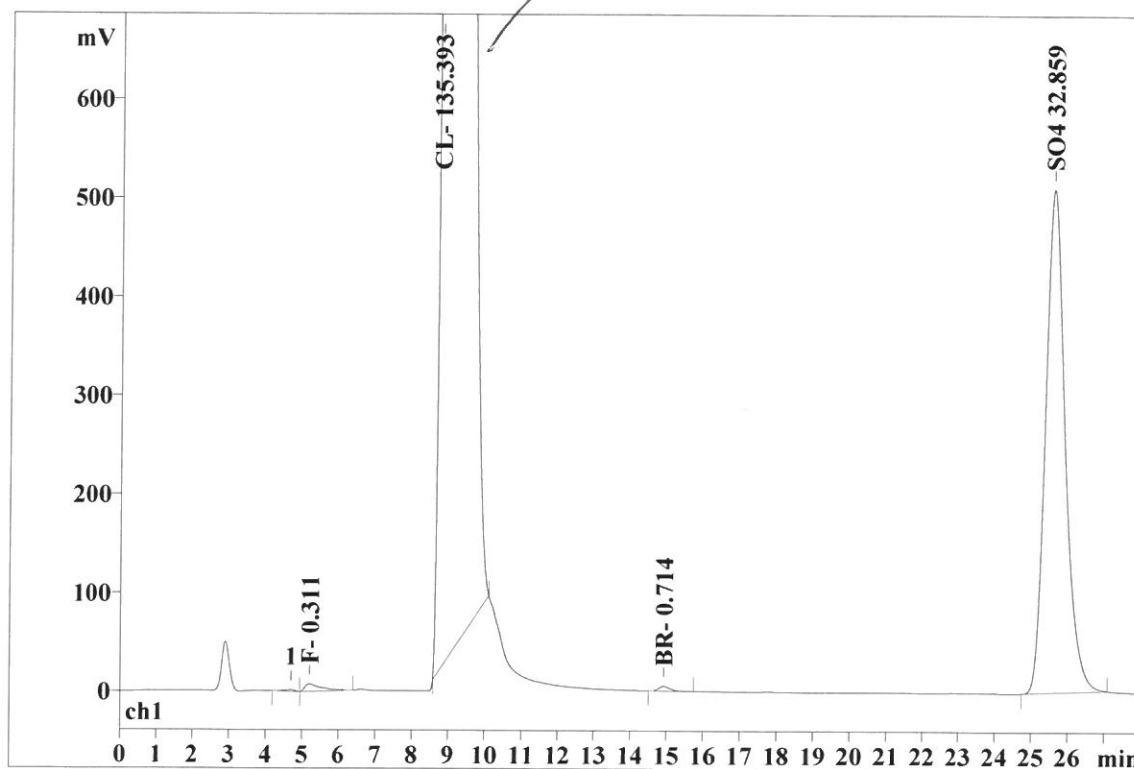
Ident: I4923-01DUP
Analysis from: 8/22/2017 5:55:30 PM
File: 2017-08-22_
Modified! Manual peaks!
Method: AnionsIC2-080717.mtw
Run operator: wet
Analysis number: 14917

Last save: 8/23/2017 8:36:18 AM

Last save: 8/8/2017 8:48:5

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

after AR 8/23/17



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	5.21	0.441	7.55	0.31	238.685	0.20
2	8.79	0.862	1910.99	78.69	102865.351	84.19
3	0.00	0.000	0.00	0.00	0.000	0.00
4	14.93	0.324	4.71	0.19	102.351	0.08
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	25.58	0.557	509.43	20.98	18941.936	15.50
7	28.00	0.312	2432.68	100.17	122148.323	99.97

This report has been created by IC Net
METROHM LTD

Report date: 8/23/2017 8:45:11 AM
Printed by: wet

Ident: I4923-01MS
Analysis from: 8/22/2017 6:26:28 PM
File: _2017-08-22_

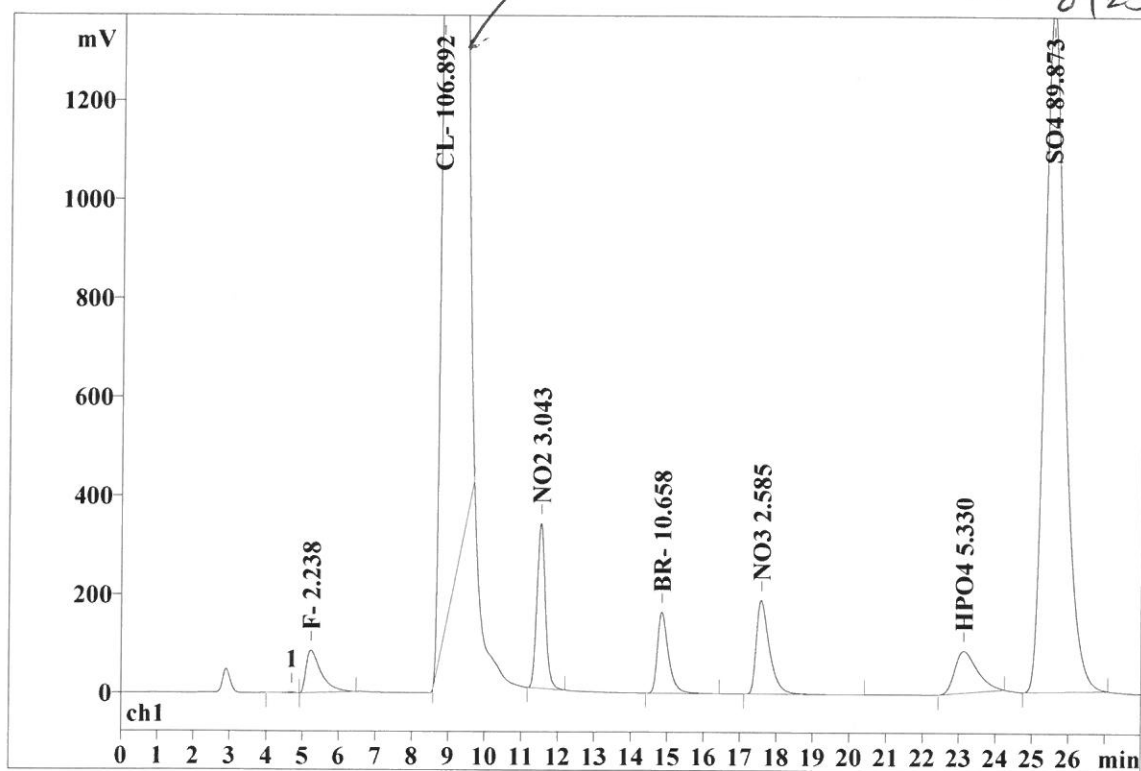
Last save: 8/23/2017 8:36:18 AM

Method: AnionsIC2-080717.mtw
Run operator: wet
Analysis number: 14918

Last save: 8/8/2017 8:48:5

SAMPLE:
: AK/AP
Vial number: 8
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000

*Before peak was not integrated properly by software
At 8/23/17*



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	5.23	0.409	86.19	2.11	2460.180	1.60
2	8.80	0.745	1846.85	45.12	81192.935	52.92
3	11.53	0.234	334.20	8.17	5184.770	3.38
4	14.85	0.314	164.07	4.01	3500.442	2.28
5	17.58	0.367	190.00	4.64	4770.497	3.11
6	23.14	0.661	84.68	2.07	3657.990	2.38
7	25.50	0.572	1389.72	33.95	52630.342	34.30
7	28.00	0.472	4095.71	100.06	153397.157	99.98

This report has been created by IC Net
METROHM LTD

Report date: 8/23/2017 8:46:02 AM
Printed by: wet

Ident: I4923-01MS
Analysis from: 8/22/2017 6:26:28 PM
File: 2017-08-22_
Modified! Manual peaks!
Method: AnionsIC2-080717.mtw
Run operator: wet
Analysis number: 14918

Last save: 8/23/2017 8:36:18 AM

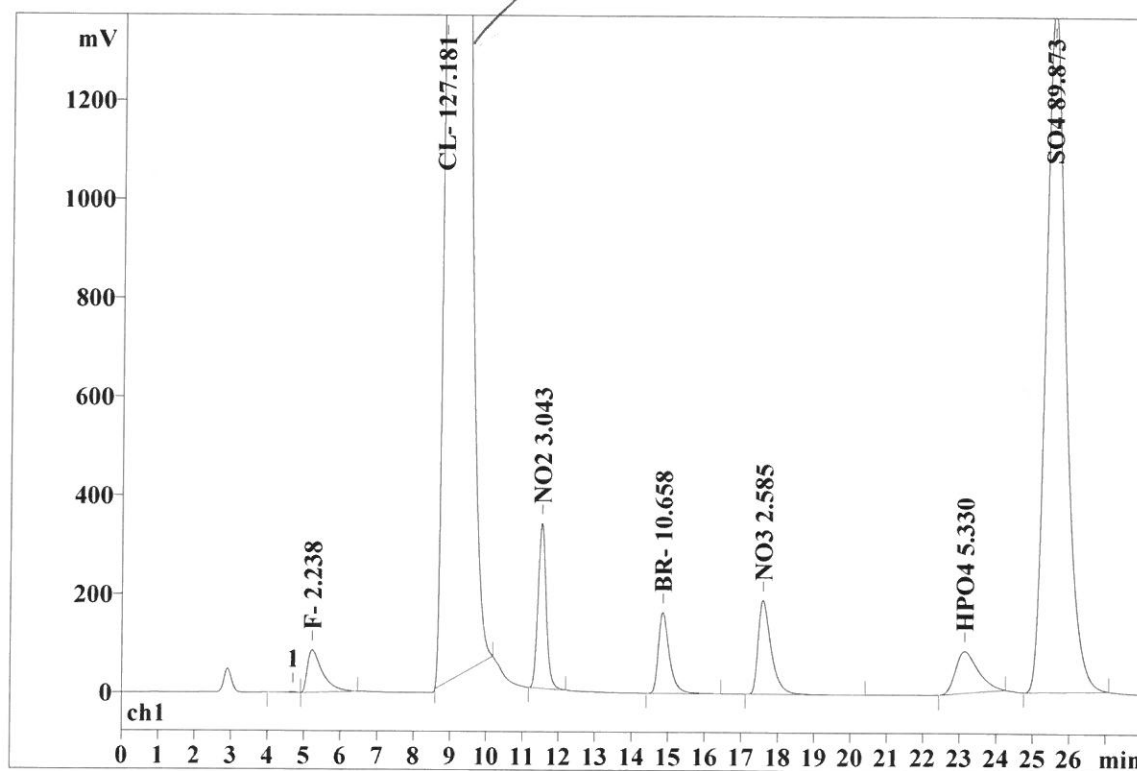
Last save: 8/8/2017 8:48:5

SAMPLE:
:
Vial number: 8
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000

AK/AP

After

AK
8/23/17



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	5.23	0.409	86.19	2.07	2460.180	1.46
2	8.80	0.795	1917.52	46.08	96621.014	57.22
3	11.53	0.234	334.20	8.03	5184.770	3.07
4	14.85	0.314	164.07	3.94	3500.442	2.07
5	17.58	0.367	190.00	4.57	4770.497	2.83
6	23.14	0.661	84.68	2.03	3657.990	2.17
7	25.50	0.572	1389.72	33.39	52630.342	31.17
7	28.00	0.479	4166.37	100.11	168825.236	99.98

This report has been created by IC Net
METROHM LTD

Report date: 8/23/2017 8:46:21 AM
Printed by: wet

Ident: I4923-02
Analysis from: 8/22/2017 6:57:26 PM
File: _2017-08-22_

Last save: 8/23/2017 8:37:24 AM

Method: AnionsIC2-080717.mtw
Run operator: wet
Analysis number: 14919

Last save: 8/8/2017 8:48:5

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

AK/AP

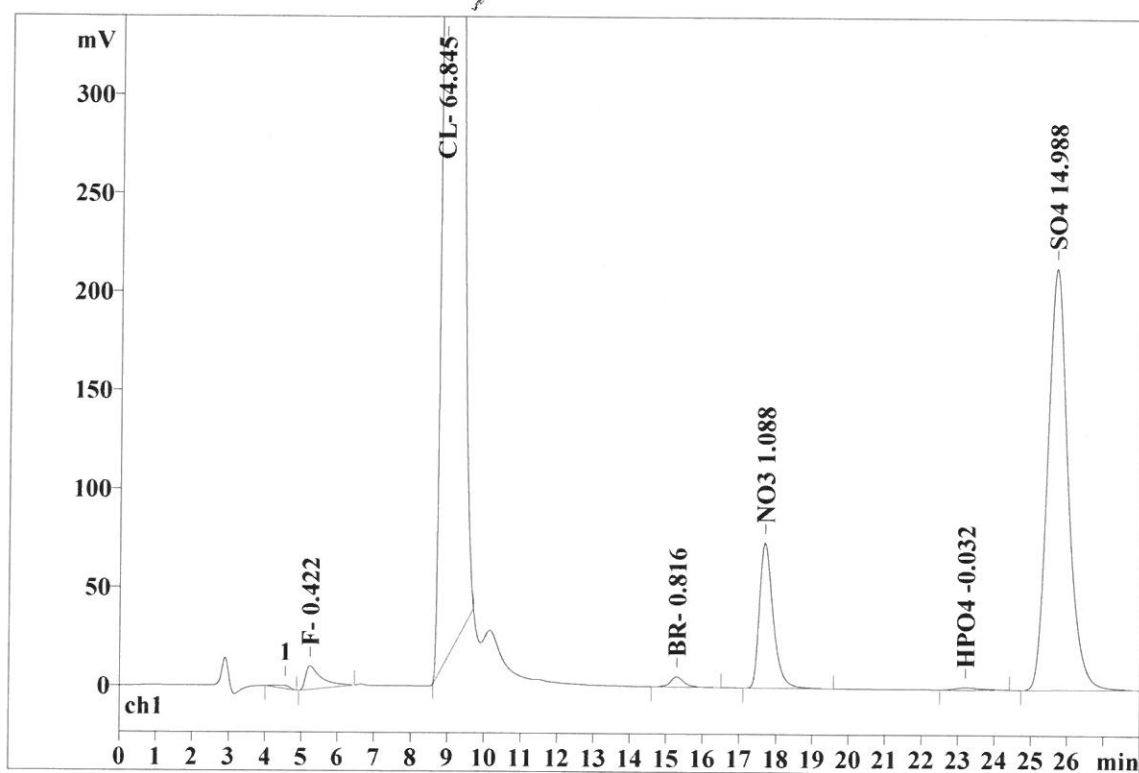
9

20.0 µL

1.00

1.0000

Before peak was not integrated properly by software.
AK 8/23/17



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	5.23	0.415	11.95	0.54	367.080	0.61
2	8.87	0.373	1925.54	86.46	49219.852	81.91
3	0.00	0.000	0.00	0.00	0.000	0.00
4	15.29	0.367	5.24	0.24	137.230	0.23
5	17.68	0.377	73.58	3.30	1882.918	3.13
6	23.20	0.745	1.19	0.05	57.214	0.10
7	25.66	0.585	213.78	9.60	8382.537	13.95
7	28.00	0.409	2231.29	100.19	60046.831	99.92

This report has been created by IC Net
METROHM LTD

Report date: 8/23/2017 8:47:09 AM
Printed by: wet

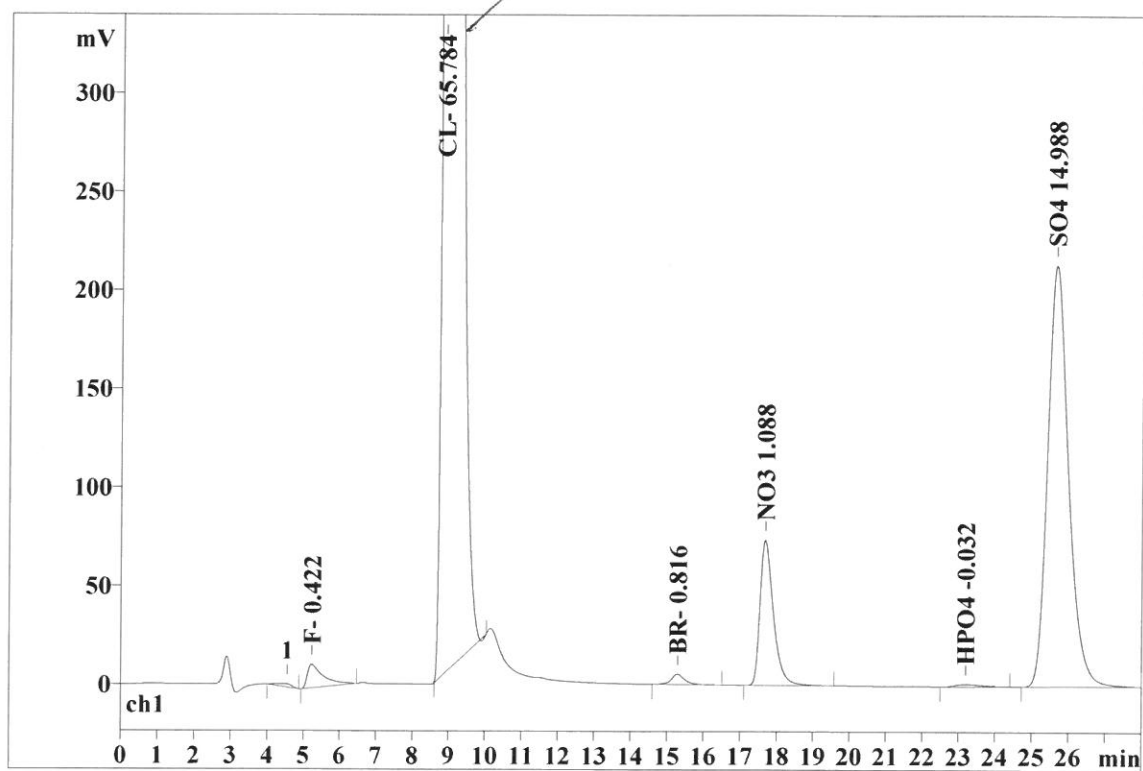
Ident: I4923-02
Analysis from: 8/22/2017 6:57:26 PM
File: 2017-08-22_
Modified! Manual peaks!
Method: AnionsIC2-080717.mtw
Run operator: wet
Analysis number: 14919

Last save: 8/23/2017 8:37:24 AM

Last save: 8/8/2017 8:48:5

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

After
AK
8/23/17



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	5.23	0.415	11.95	0.54	367.080	0.60
2	8.87	0.374	1930.51	86.50	49933.997	82.12
3	0.00	0.000	0.00	0.00	0.000	0.00
4	15.29	0.367	5.24	0.23	137.230	0.23
5	17.68	0.377	73.58	3.30	1882.918	3.10
6	23.20	0.745	1.19	0.05	57.214	0.09
7	25.66	0.585	213.78	9.58	8382.537	13.79
7	28.00	0.409	2236.26	100.20	60760.975	99.93

This report has been created by IC Net
METROHM LTD

Report date: 8/23/2017 8:48:38 AM
Printed by: wet

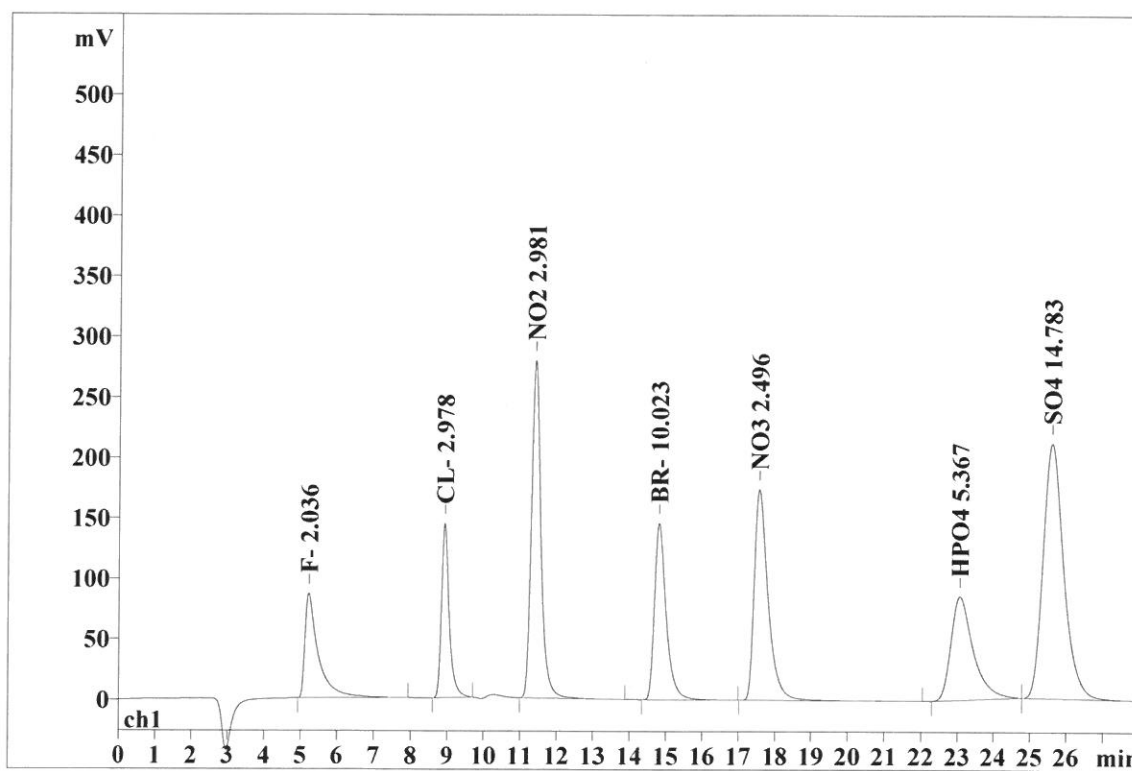
Ident: CCV
Analysis from: 8/22/2017 7:28:29 PM
File: _2017-08-22_

Last save: 8/22/2017 7:56:29 PM

Method: AnionsIC2-080717.mtw
Run operator: wet
Analysis number: 14920

Last save: 8/8/2017 8:48:5

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	5.22	0.330	86.50	7.68	2226.737	7.60
2	8.92	0.216	144.21	12.80	2175.571	7.43
3	11.41	0.265	279.19	24.79	5073.043	17.31
4	14.80	0.327	145.95	12.96	3283.446	11.21
5	17.56	0.384	174.08	15.46	4597.703	15.69
6	23.06	0.627	85.58	7.60	3682.677	12.57
7	25.60	0.587	210.75	18.71	8261.020	28.19
7	28.00	0.391	1126.27	100.00	29300.197	100.00

This report has been created by IC Net
METROHM LTD

Report date: 8/23/2017 8:48:54 AM
Printed by: wet

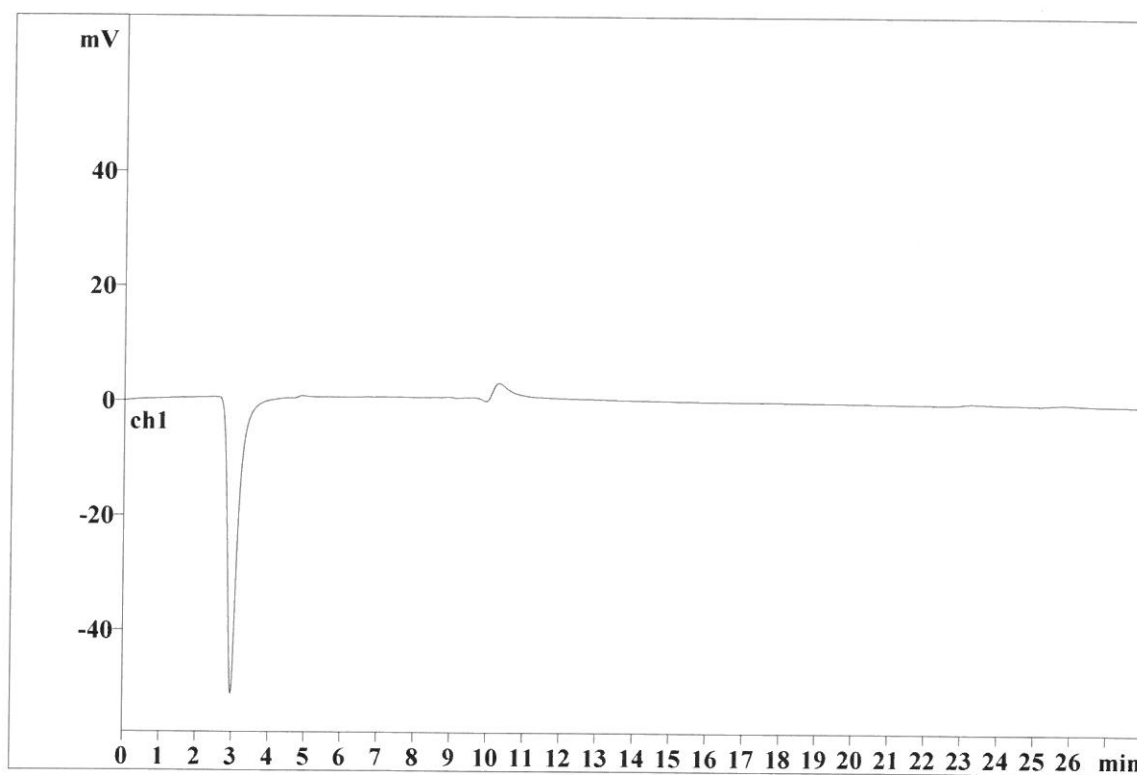
Ident: CCB
Analysis from: 8/22/2017 7:59:27 PM
File: _2017-08-22_

Last save: 8/22/2017 8:27:28 PM

Method: AnionsIC2-080717.mtw
Run operator: wet
Analysis number: 14921

Last save: 8/8/2017 8:48:5

SAMPLE:
:
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