

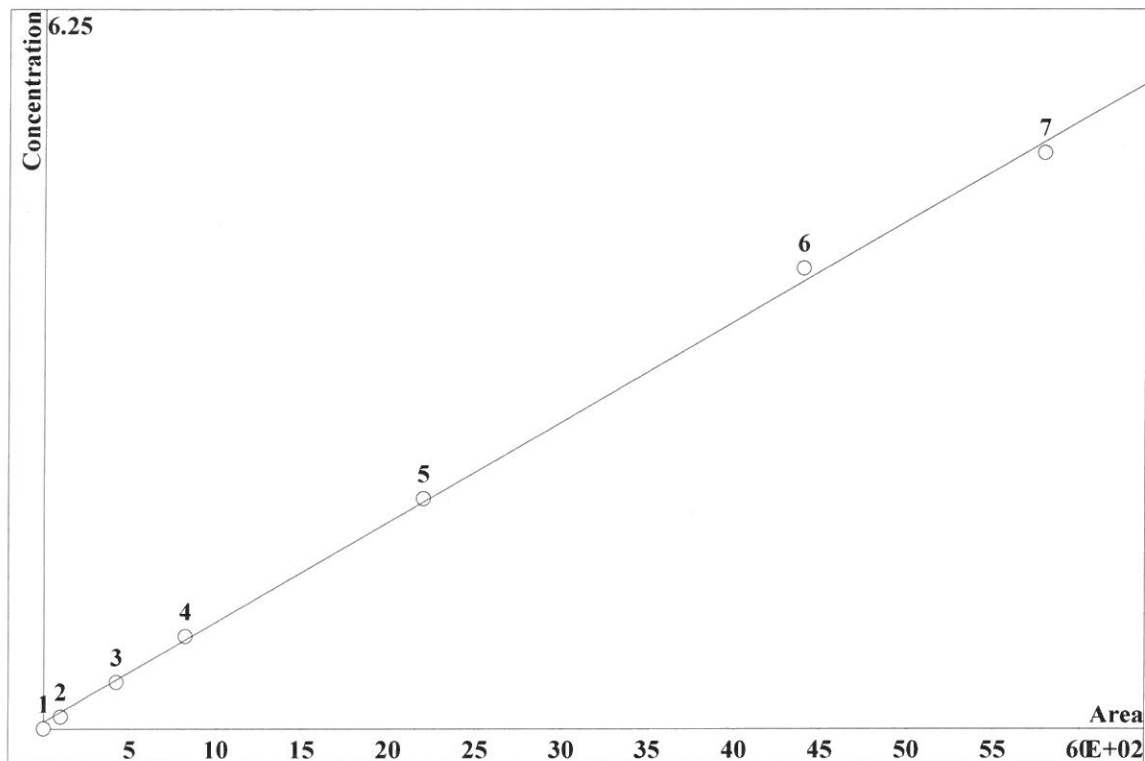
203

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	0.0000_2017-07-11_	7/11/17 11:30
STD2	0.1450	0.2290	0.2550	0.8450	0.2030	0.2710	1.3300	0.2710_2017-07-11_	7/11/17 12:01
STD3	0.4240	0.6260	0.6440	2.1110	0.5360	1.0930	3.2400	1.0930_2017-07-11_	7/11/17 12:32
STD4	0.7730	1.1960	1.1720	3.9000	0.9790	2.1880	5.8610	2.1880_2017-07-11_	7/11/17 13:03
STD5	1.9740	2.8920	2.8490	9.5860	2.3930	4.7720	14.2100	4.7720_2017-07-11_	7/11/17 13:34
STD6	3.8880	5.8740	5.8970	19.5970	4.8960	9.5440	29.2970	9.5440_2017-07-11_	7/11/17 14:05
STD7	5.0970	7.6340	7.6330	25.4610	6.3680	12.8820	38.3110	12.8820_2017-07-11_	7/11/17 14:36
ICV	1.9840	2.9400	2.9210	9.7280	2.4390	5.1670	14.5110	5.1670_2017-07-11_	7/11/17 16:11
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000_2017-07-11_	7/11/17 16:42
CCV	1.9970	2.9390	2.9040	9.7040	2.5470	5.4100	14.7650	5.4100_2017-08-04_	8/4/17 12:45
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000_2017-08-04_	8/4/17 13:16
LB89261BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000_2017-08-04_	8/4/17 13:47
LB89261BSW	2.0370	2.9260	2.9080	9.6870	2.4240	5.5080	14.5500	5.5080_2017-08-04_	8/4/17 14:18
I4047-01	0.0590	0.1560	0.1400	0.3390	0.1100	-0.1040	0.8110	-0.1040_2017-08-04_	8/4/17 14:49
I4047-02	0.0590	0.1550	0.1400	0.3390	0.1090	-0.0980	0.8140	-0.0980_2017-08-04_	8/4/17 15:20
I4047-03	0.0590	0.1550	0.1400	0.3400	0.1090	-0.1010	0.8150	-0.1010_2017-08-04_	8/4/17 15:51
I4047-04	0.0590	0.1570	0.1400	0.3400	0.1090	-0.1130	0.8110	-0.1130_2017-08-04_	8/4/17 16:22
I4047-05	0.0590	0.1550	0.1400	0.3390	0.1080	-0.1170	0.8130	-0.1170_2017-08-04_	8/4/17 16:53
I4047-06	0.0590	0.1580	0.1400	0.3400	0.1090	-0.1150	0.8150	-0.1150_2017-08-04_	8/4/17 17:24
I4047-07	0.0590	0.1570	0.1400	0.3400	0.1080	-0.1110	0.8150	-0.1110_2017-08-04_	8/4/17 17:55
I4047-07	0.0590	0.1570	0.1400	0.3360	0.1080	-0.1120	0.8150	-0.1120_2017-08-04_	8/4/17 18:26
CCV	2.0470	2.9920	2.9610	9.8840	2.5570	5.4330	14.8920	5.4330_2017-08-04_	8/4/17 18:57
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000_2017-08-04_	8/4/17 19:29

CALIBRATION OF COMPONENT F-

Method: AnionsIC2-071117.mtw
 Equation: $Q = 0.0173959 \cdot A + 1.14595$
 RSD: 3.934 %
 Correlation coefficient: 0.999368

IC-2
 01-7-11-17



K3 = 0 K2 = 0 K1 = 0.0173959 K0 = 1.14595

Base: Area

Ref.channel: ch1

ISTD:

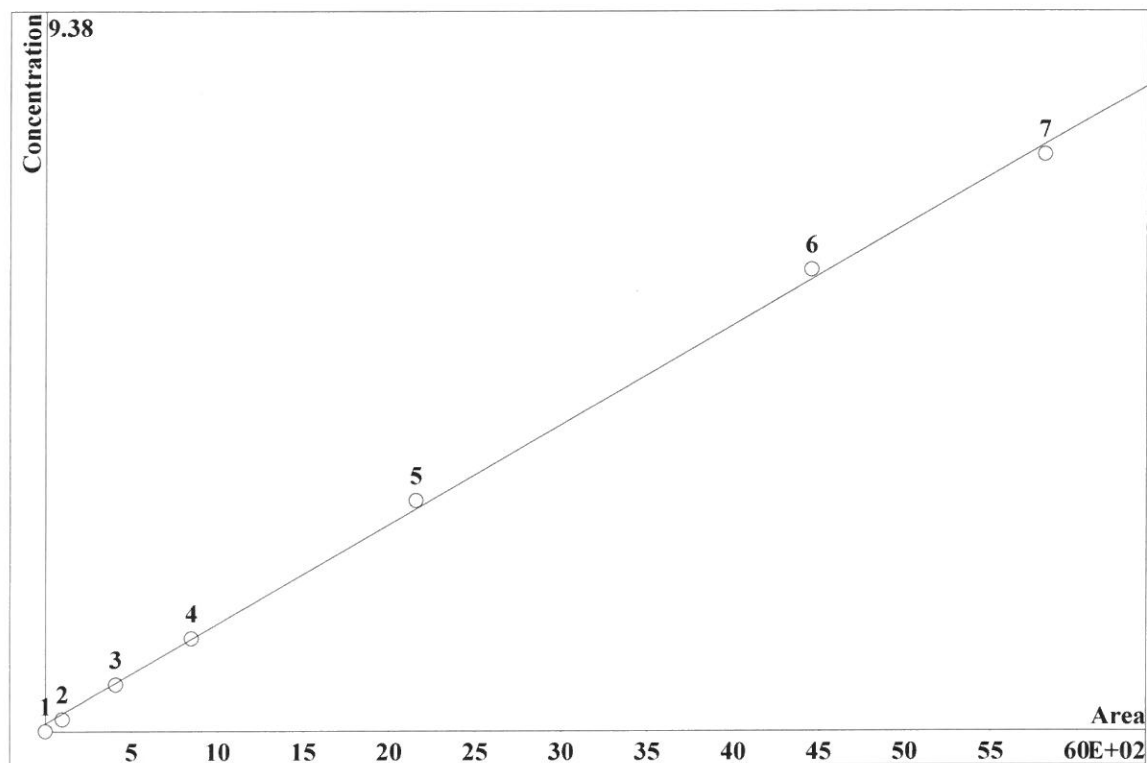
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		0
2	4.229	101.3	0.1	20	5.175		
3	16.71	421.3	0.4	20	5.175		
4	36.11	822.7	0.8	20	5.175		
5	86.82	2203	2	20	5.175		
6	171	4404	4	20	5.175		
7	238.1	5794	5	20	5.175		

CALIBRATION OF COMPONENT CL-

Method: AnionsIC2-071117.mtw
 Equation: $Q = 0.0259235 \cdot A + 1.94599$
 RSD: 3.719 %
 Correlation coefficient: 0.999435



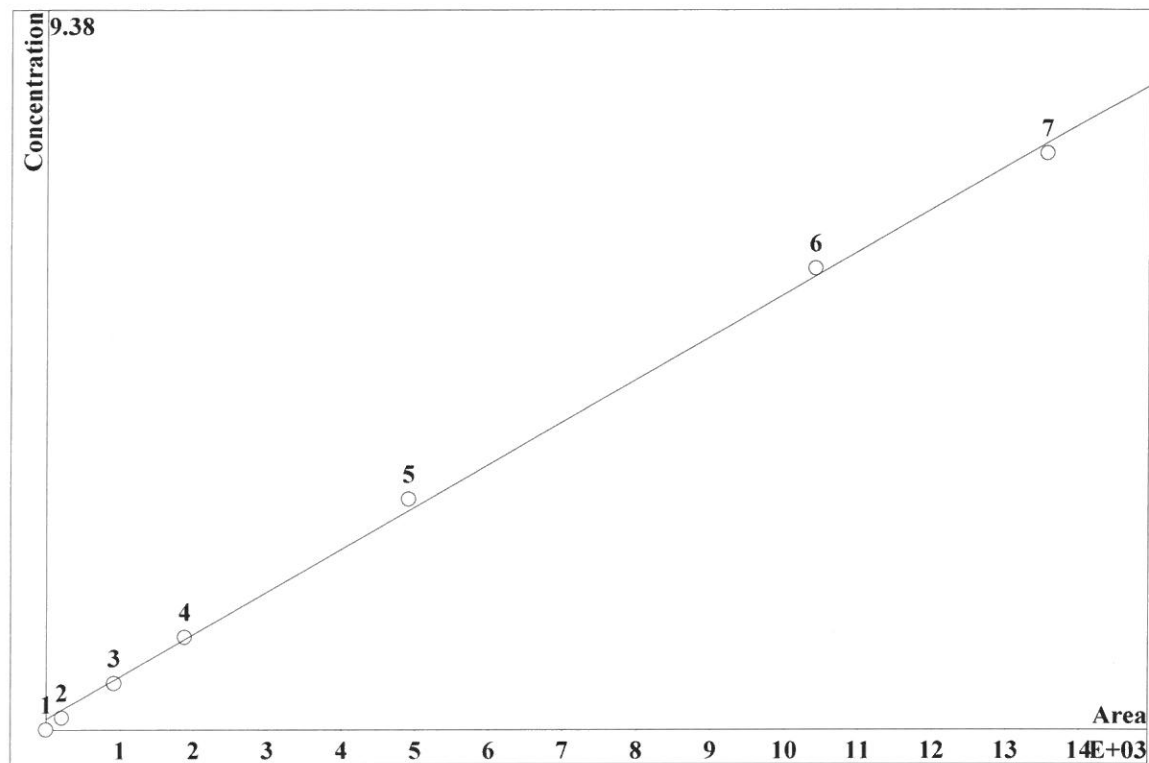
K3 = 0 K2 = 0 K1 = 0.0259235 K0 = 1.94599
 Base: Area
 Ref.channel: chl
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		0
2	6.673	101.3	0.15	20	9.032		
3	27.06	407.5	0.6	20	9.032		
4	55.31	847.3	1.2	20	9.032		
5	143.2	2156	3	20	9.032		
6	301.9	4457	6	20	9.032		
7	396.3	5815	7.5	20	9.032		

1.□

CALIBRATION OF COMPONENT NO2

Method: AnionsIC2-071117.mtw
 Equation: $Q = 0.0110598 \cdot A + 2.68411$
 RSD: 4.145 %
 Correlation coefficient: 0.999298

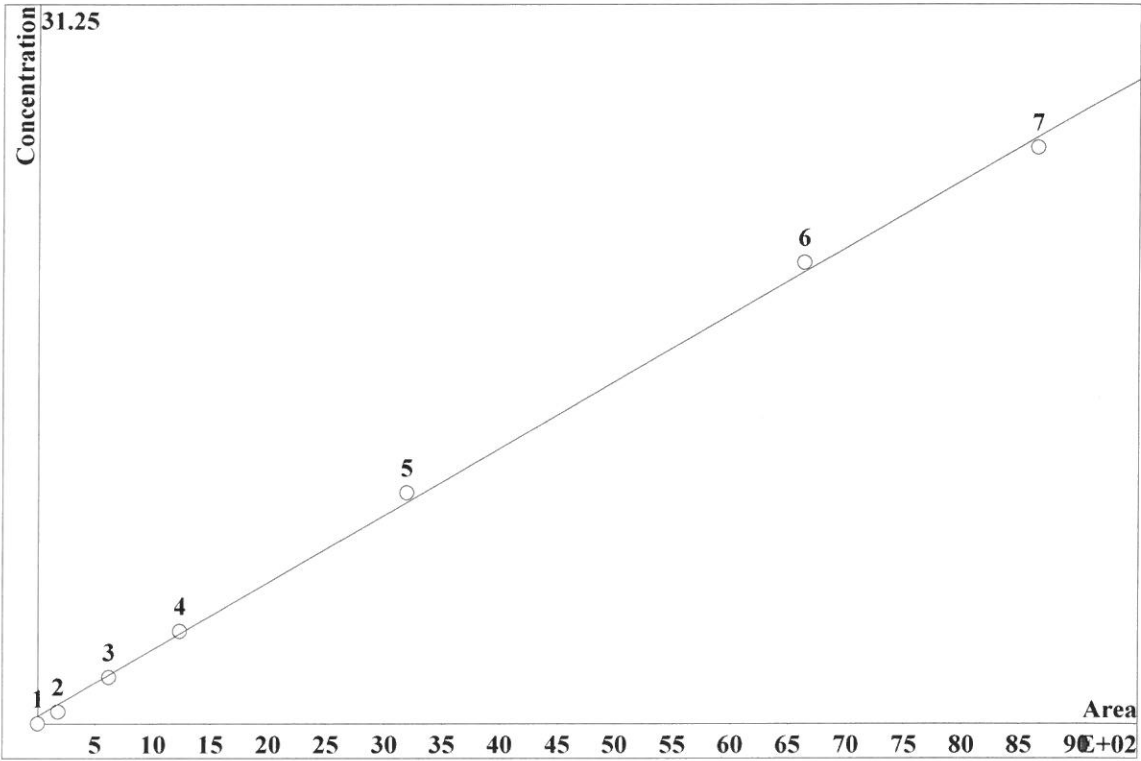


K3 = 0 K2 = 0 K1 = 0.0110598 K0 = 2.68411
 Base: Area
 Ref.channel: ch1
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		0
2	12.46	218.1	0.15	20	11.72		
3	52.28	922.3	0.6	20	11.72		
4	106.7	1877	1.2	20	11.72		
5	280.7	4909	3	20	11.72		
6	597.1	1.042e+04	6	20	11.72		
7	764.8	1.356e+04	7.5	20	11.72		

CALIBRATION OF COMPONENT BR-

Method: AnionsIC2-071117.mtw
 Equation: $Q = 0.0580891 \cdot A + 6.34229$
 RSD: 4.045 %
 Correlation coefficient: 0.999332

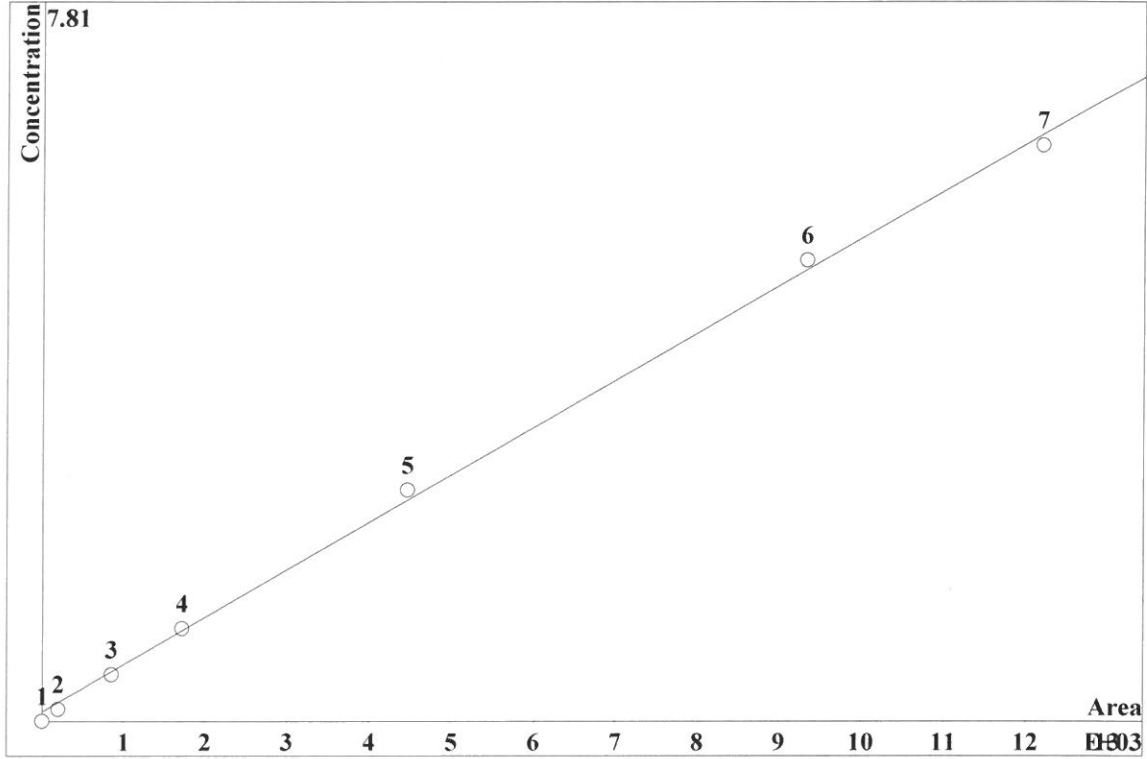


K3 = 0 K2 = 0 K1 = 0.0580891 K0 = 6.34229
 Base: Area
 Ref.channel: ch1
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		0
2	6.887	181.7	0.5	20	15.11		
3	27.63	617.7	2	20	15.11		
4	56.34	1234	4	20	15.11		
5	145.9	3191	10	20	15.11		
6	306.7	6638	20	20	15.11		
7	401.6	8657	25	20	15.11		

CALIBRATION OF COMPONENT NO3

Method: AnionsIC2-071117.mtw
 Equation: $Q = 0.0102722 \cdot A + 1.98925$
 RSD: 4.090 %
 Correlation coefficient: 0.999317

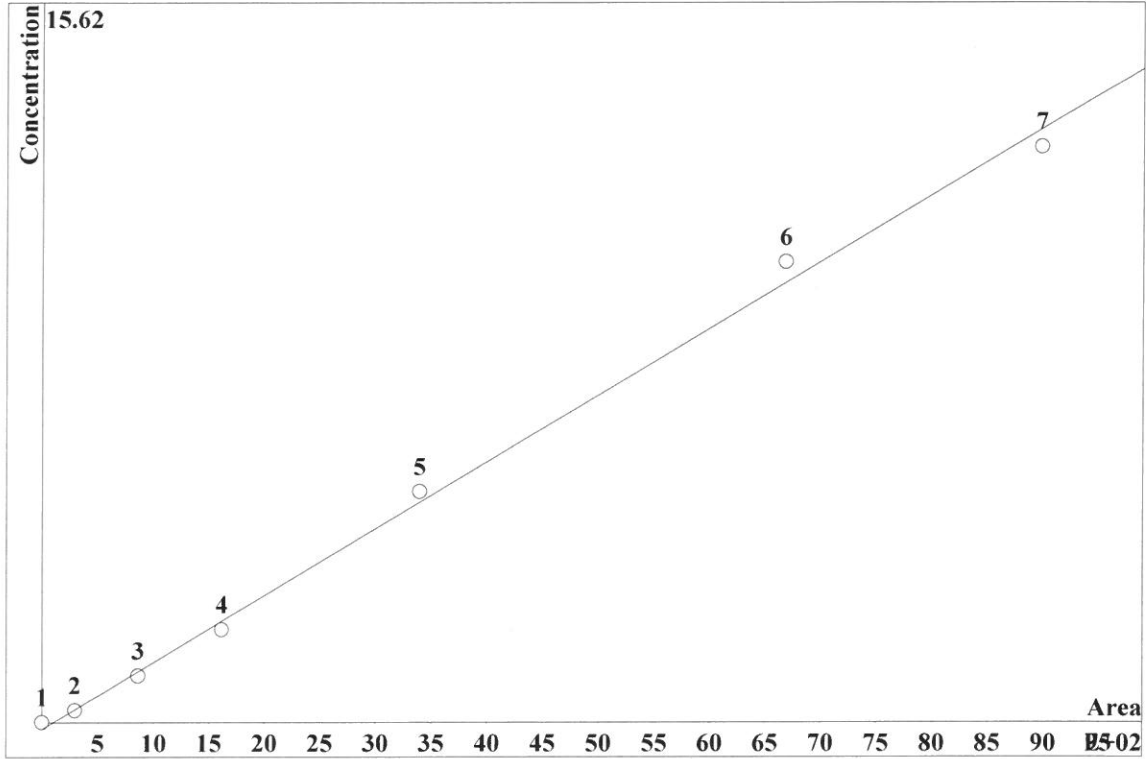


K3 = 0 K2 = 0 K1 = 0.0102722 K0 = 1.98925
 Base: Area
 Ref.channel: ch1
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		
2	8.039	202	0.125	20	17.96		
3	33.41	849.1	0.5	20	17.96		
4	67.99	1713	1	20	17.96		
5	174.8	4465	2.5	20	17.96		
6	361.7	9339	5	20	17.96		
7	469.2	1.22e+04	6.25	20	17.96		

CALIBRATION OF COMPONENT HPO4

Method: AnionsIC2-071117.mtw
 Equation: $Q = 0.0290184 \cdot A - 3.1412$
 RSD: 6.542 %
 Correlation coefficient: 0.998252

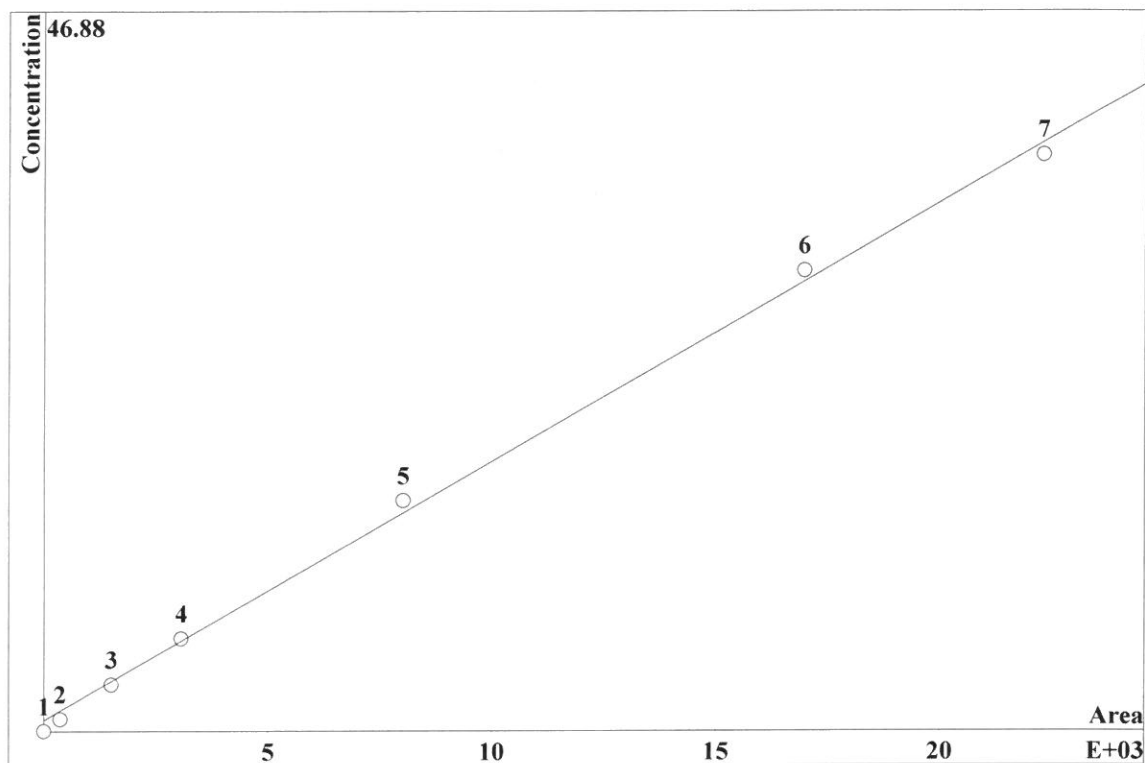


K3 = 0 K2 = 0 K1 = 0.0290184 K0 = -3.1412
 Base: Area
 Ref.channel: ch1
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1		0	0	0	0		0
2	6.403	294.9	0.25	20	23.35		
3	19.52	861.6	1	20	23.35		
4	39.78	1616	2	20	23.35		
5	84.22	3397	5	20	23.35		
6	170.6	6686	10	20	23.35		
7	236.6	8987	12.5	20	23.35		

CALIBRATION OF COMPONENT SO4

Method: AnionsIC2-071117.mtw
 Equation: $Q = 0.0336909 \cdot A + 13.8835$
 RSD: 4.812 %
 Correlation coefficient: 0.999055



K3 = 0 K2 = 0 K1 = 0.0336909 K0 = 13.8835
 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	10.44	377.4	0.75	20	25.16		
3	41.81	1511	3	20	25.16		
4	84.86	3067	6	20	25.16		
5	222.6	8023	15	20	25.16		
6	473.4	1.698e+04	30	20	25.16		
7	622.5	2.233e+04	37.5	20	25.16		

□□

Report date: 8/1/2017 5:39:58 PM
Printed by: wet

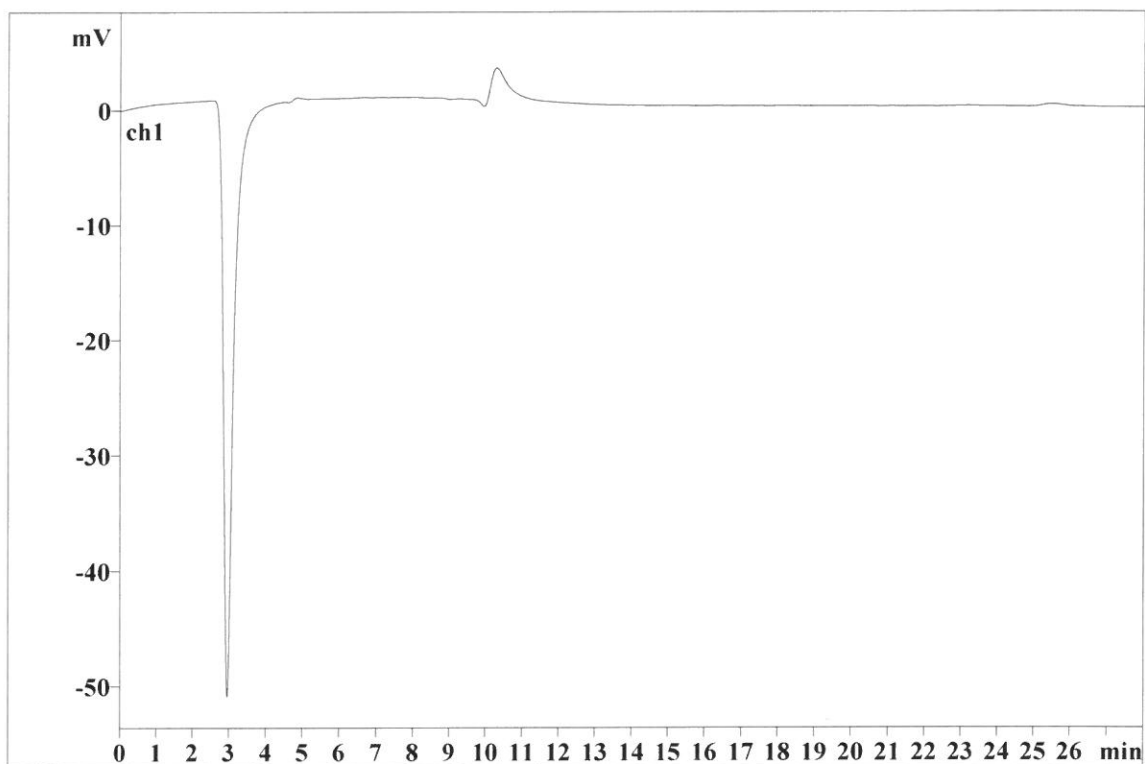
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Analysis from: 7/11/2017 11:30:47 AM
File: _2017-07-11_

Last save: 8/1/2017 5:39:35 PM

Method: AnionsIC2-071117.mtw
Run operator: wet
Analysis number: 14725

Last save: 7/11/2017 2:33:

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: 8/1/2017 5:40:31 PM
Printed by: wet

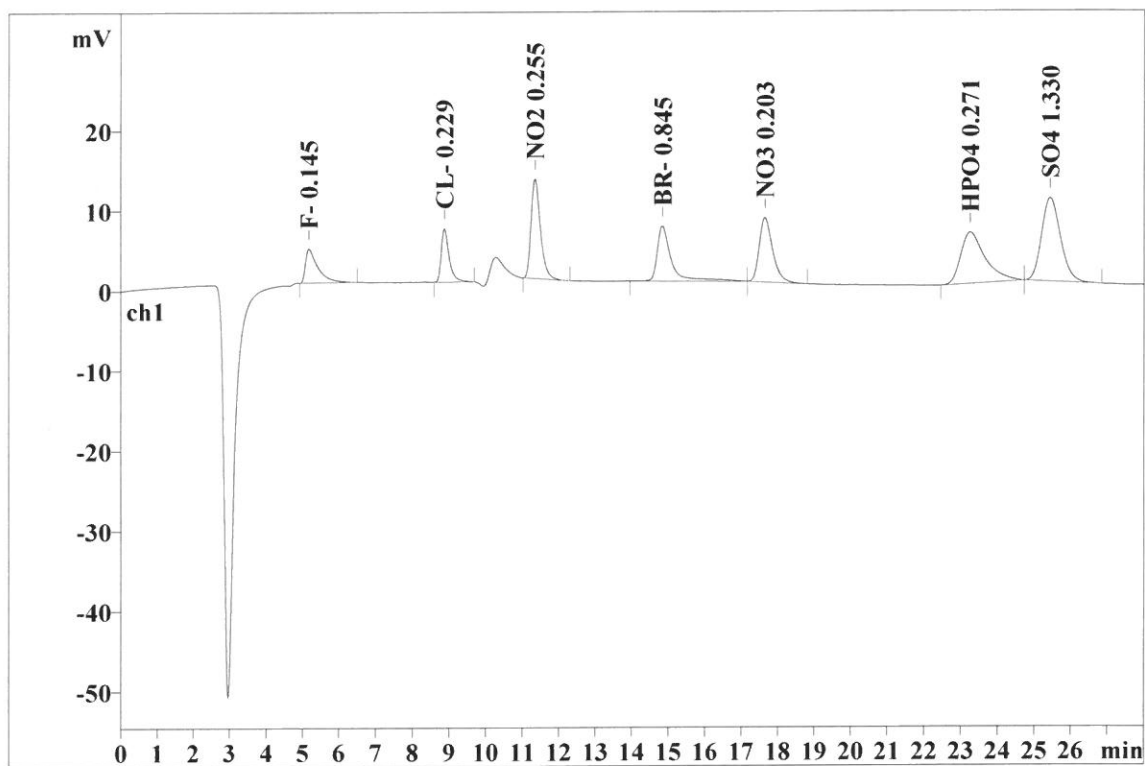
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Last save: 8/1/2017 5:39:35 PM

Method: AnionsIC2-071117.mtw
Run operator: wet
Analysis number: 14726

Last save: 7/11/2017 2:33:

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	5.18	0.329	4.23	7.67	101.298	6.86
2	8.88	0.216	6.67	12.10	101.280	6.86
3	11.36	0.260	12.46	22.60	218.129	14.77
4	14.85	0.338	6.89	12.49	181.688	12.30
5	17.66	0.376	8.04	14.58	202.038	13.68
6	23.27	0.677	6.40	11.62	294.917	19.97
7	25.46	0.554	10.44	18.93	377.441	25.56
7	28.00	0.393	55.12	99.99	1476.791	100.00

This report has been created by IC Net
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Report date: 8/1/2017 5:40:37 PM
Printed by: wet

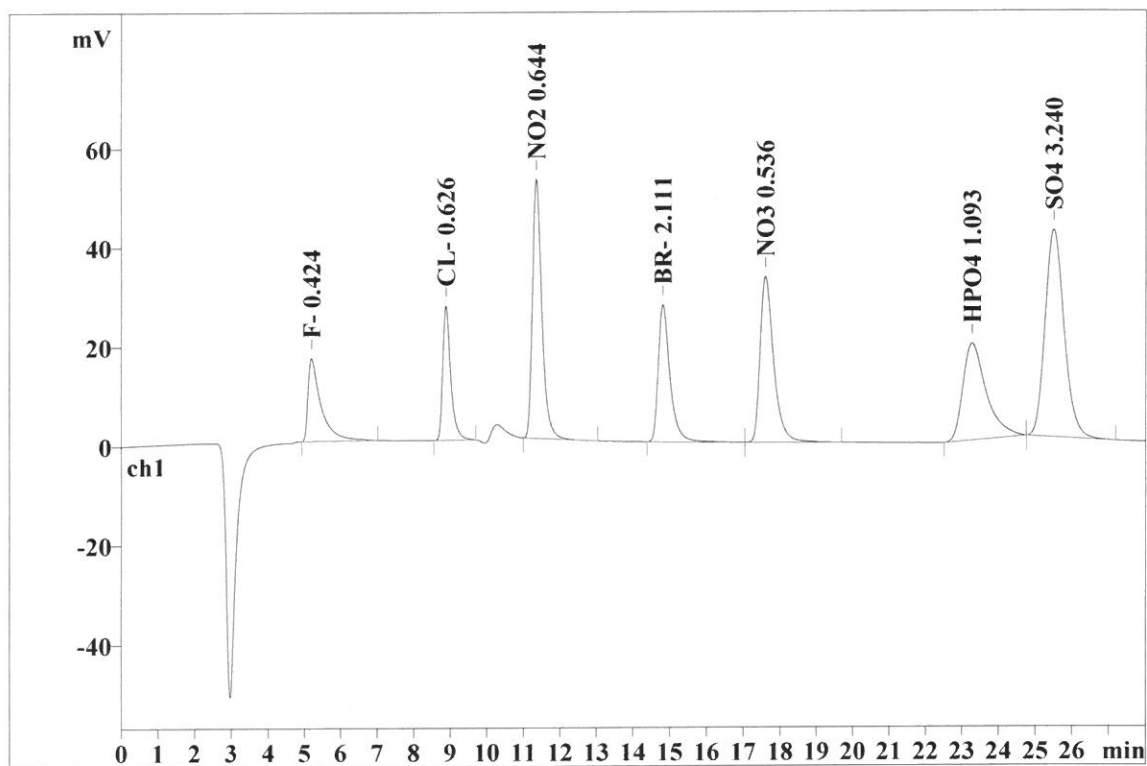
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Analysis from: 7/11/2017 12:32:43 PM
File: _2017-07-11_

Last save: 8/1/2017 5:39:35 PM

Method: AnionsIC2-071117.mtw
Run operator: wet
Analysis number: 14727

Last save: 7/11/2017 2:33:

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	5.20	0.332	16.71	7.65	421.251	7.53
2	8.89	0.217	27.06	12.39	407.516	7.29
3	11.37	0.260	52.28	23.94	922.321	16.50
4	14.83	0.325	27.63	12.65	617.693	11.05
5	17.62	0.373	33.41	15.30	849.116	15.19
6	23.30	0.646	19.52	8.94	861.559	15.41
7	25.52	0.553	41.81	19.14	1511.412	27.03
7	28.00	0.386	218.41	100.00	5590.869	100.00

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Report date: 8/1/2017 5:40:43 PM
Printed by: wet

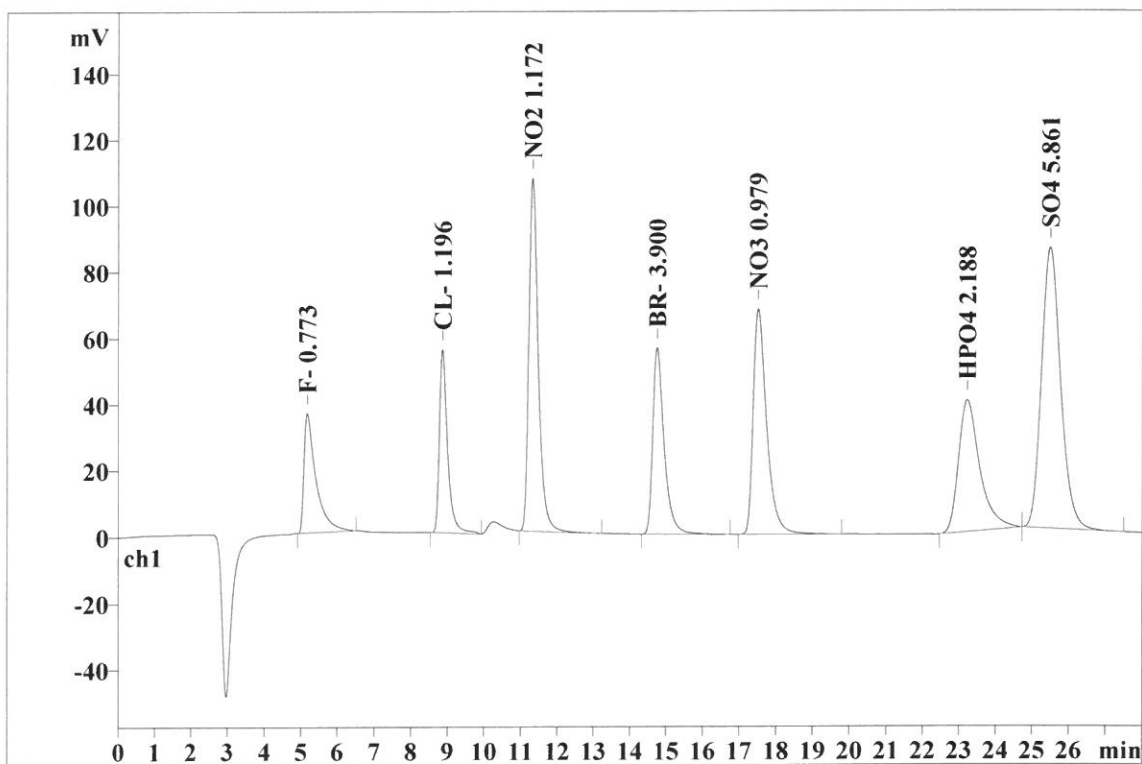
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File: _2017-07-11_

Last save: 8/1/2017 5:39:35 PM

Method: AnionsIC2-071117.mtw
Run operator: wet
Analysis number: 14728

Last save: 7/11/2017 2:33:

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	0.306	36.11	8.08	822.692	7.36
2	8.87	0.215	55.31	12.37	847.318	7.58
3	11.35	0.258	106.67	23.86	1876.901	16.79
4	14.77	0.320	56.33	12.60	1233.717	11.04
5	17.54	0.370	67.99	15.21	1713.415	15.33
6	23.24	0.594	39.78	8.90	1616.251	14.46
7	25.51	0.550	84.86	18.98	3067.377	27.44
7	28.00	0.373	447.06	100.00	11177.671	100.00

Report date: 8/1/2017 5:40:50 PM
Printed by: wet

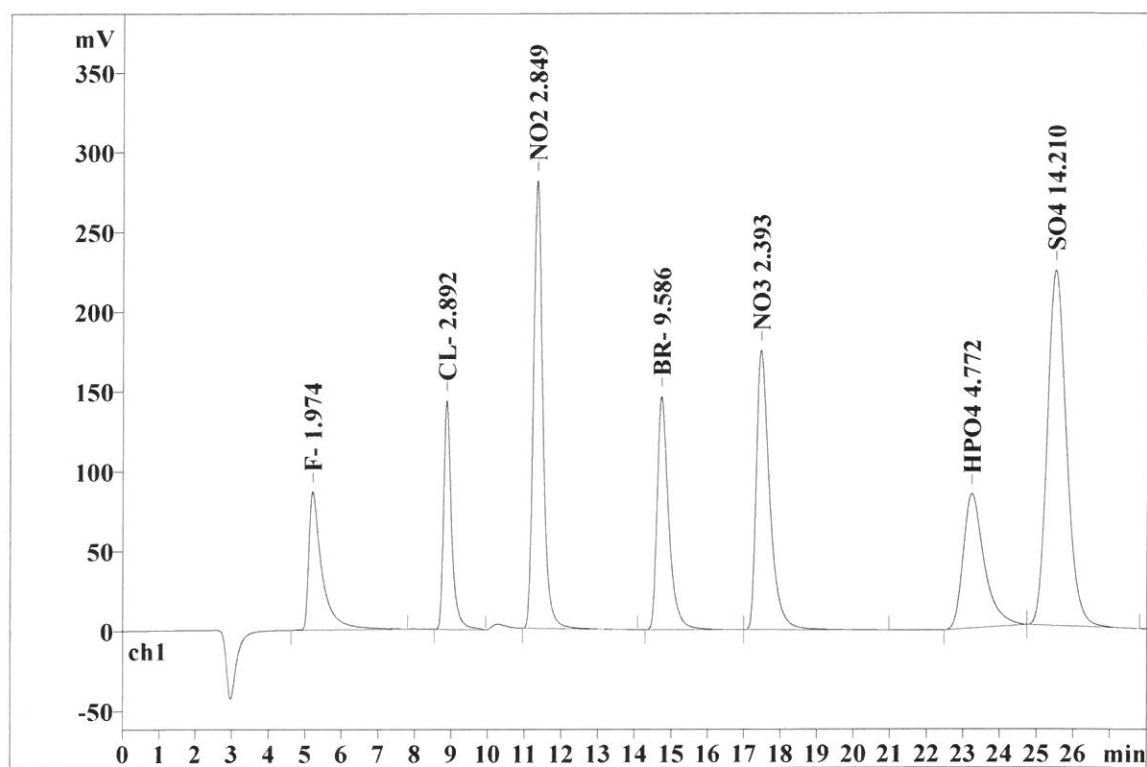
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File: _2017-07-11_

Last save: 8/1/2017 5:39:35 PM

Method: AnionsIC2-071117.mtw
Run operator: wet
Analysis number: 14729

Last save: 7/11/2017 2:33:

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	5.21	0.332	86.82	7.63	2203.120	7.77
2	8.88	0.212	143.20	12.58	2156.438	7.61
3	11.36	0.255	280.69	24.66	4909.049	17.32
4	14.73	0.317	145.93	12.82	3191.307	11.26
5	17.47	0.371	174.77	15.36	4464.889	15.75
6	23.24	0.592	84.22	7.40	3397.194	11.98
7	25.53	0.546	222.58	19.55	8023.450	28.31
7	28.00	0.375	1138.21	100.00	28345.447	100.00

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Report date: 8/1/2017 5:40:58 PM
Printed by: wet

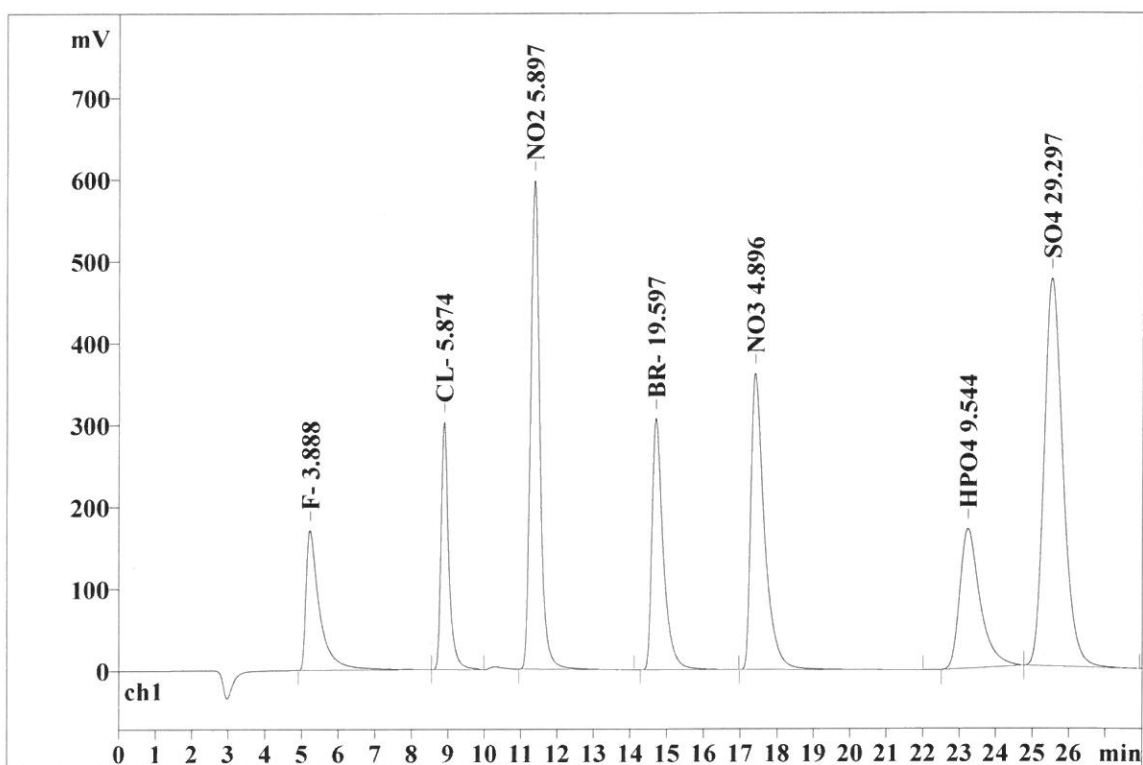
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Analysis from: 7/11/2017 2:05:36 PM
File: _2017-07-11_

Last save: 8/1/2017 5:39:35 PM

Method: AnionsIC2-071117.mtw
Run operator: wet
Analysis number: 14730

Last save: 7/11/2017 2:33:

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	5.23	0.338	171.04	7.18	4403.847	7.47
2	8.89	0.208	301.86	12.67	4456.573	7.56
3	11.38	0.255	597.06	25.06	10420.604	17.68
4	14.71	0.313	306.70	12.87	6637.888	11.27
5	17.41	0.372	361.66	15.18	9339.471	15.85
6	23.24	0.575	170.60	7.16	6686.464	11.35
7	25.55	0.541	473.43	19.87	16979.743	28.82
7	28.00	0.372	2382.34	100.00	58924.590	100.00

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Report date: 8/1/2017 5:45:49 PM
Printed by: wet

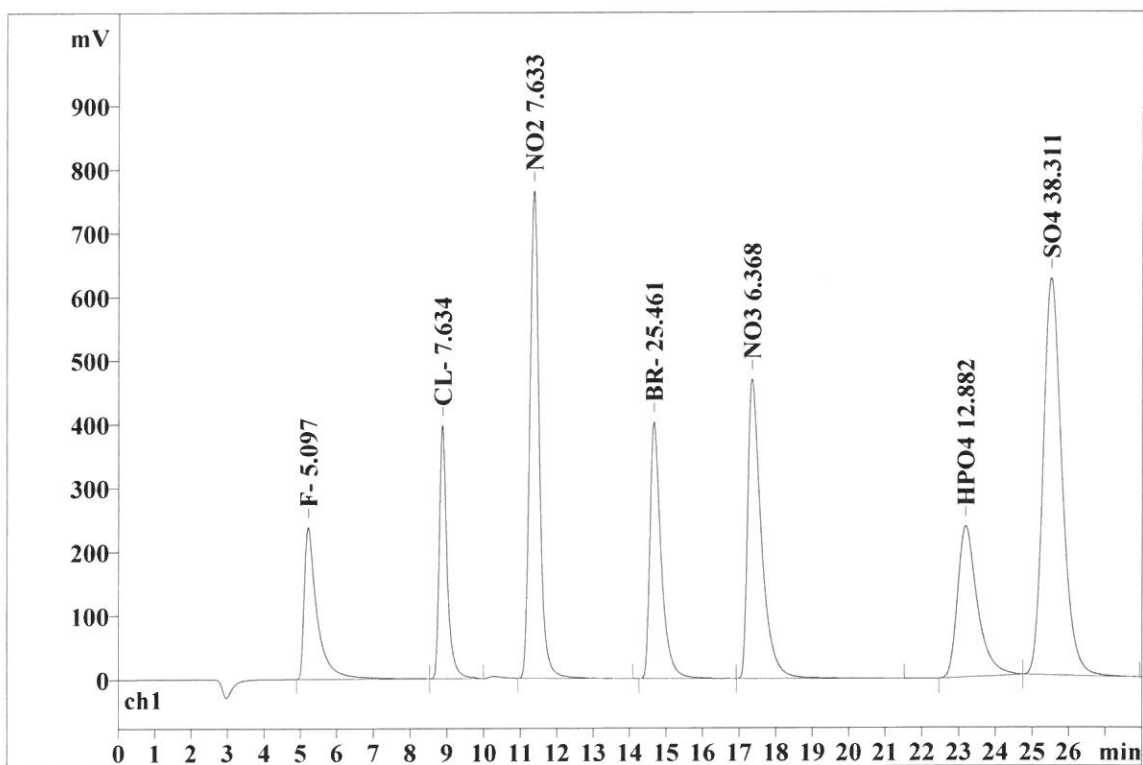
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Analysis from: 7/11/2017 2:36:34 PM
File: _2017-07-11_

Last save: 8/1/2017 5:39:51 PM

Method: AnionsIC2-071117.mtw
Run operator: wet
Analysis number: 14731

Last save: 7/11/2017 2:33:

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	0.318	238.09	7.61	5793.784	7.49
2	8.88	0.207	396.33	12.67	5814.639	7.52
3	11.38	0.260	764.75	24.44	13560.906	17.53
4	14.67	0.311	401.62	12.83	8656.995	11.19
5	17.35	0.373	469.12	14.99	12204.348	15.78
6	23.19	0.559	236.62	7.56	8986.579	11.62
7	25.52	0.539	622.53	19.89	22330.638	28.87
7	28.00	0.367	3129.06	100.00	77347.888	100.00

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Report date: 8/1/2017 5:47:39 PM
Printed by: wet

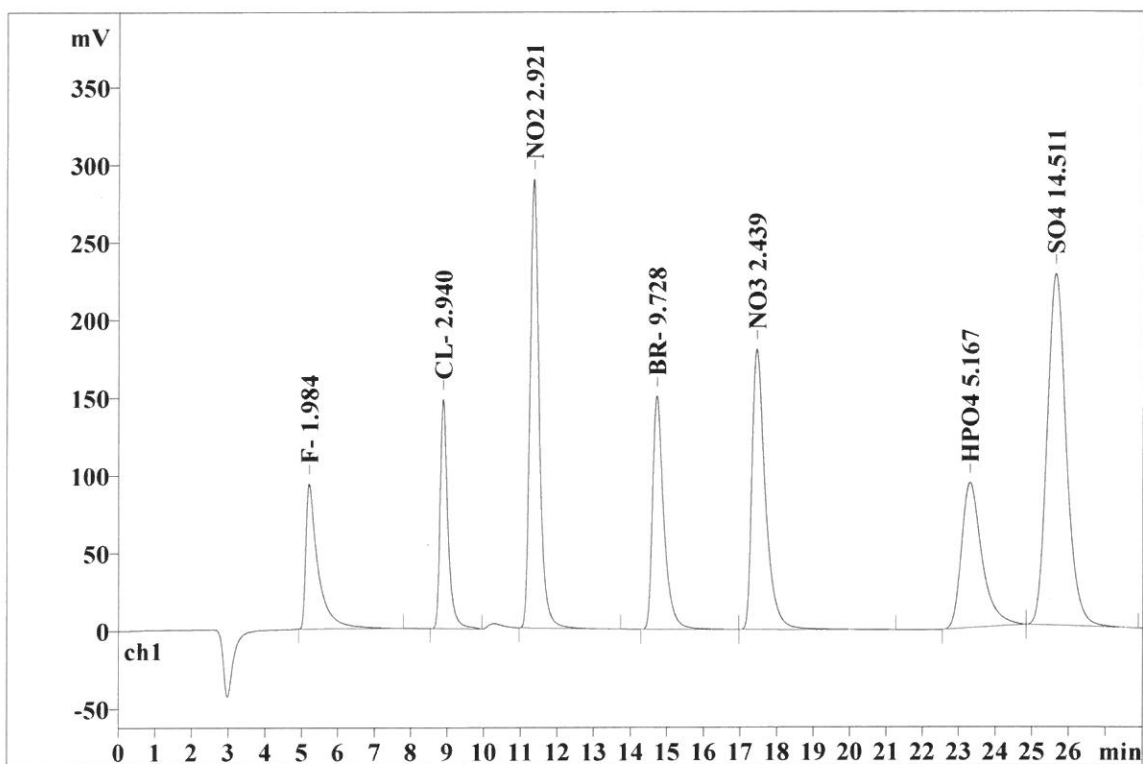
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Analysis from: 7/11/2017 4:11:34 PM
File: _2017-07-11_

Last save: 8/1/2017 5:47:18 PM

Method: AnionsIC2-071117.mtw
Run operator: wet
Analysis number: 14734

Last save: 7/11/2017 2:33:

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	5.21	0.305	93.53	7.92	2215.188	7.61
2	8.89	0.210	147.58	12.50	2193.405	7.53
3	11.36	0.255	289.08	24.49	5038.905	17.31
4	14.72	0.314	150.20	12.72	3240.246	11.13
5	17.45	0.366	180.39	15.28	4555.464	15.65
6	23.31	0.577	93.36	7.91	3669.131	12.60
7	25.65	0.549	226.26	19.17	8201.962	28.17
7	28.00	0.368	1180.40	100.00	29114.301	100.00

Report date: 8/1/2017 5:47:44 PM
Printed by: wet

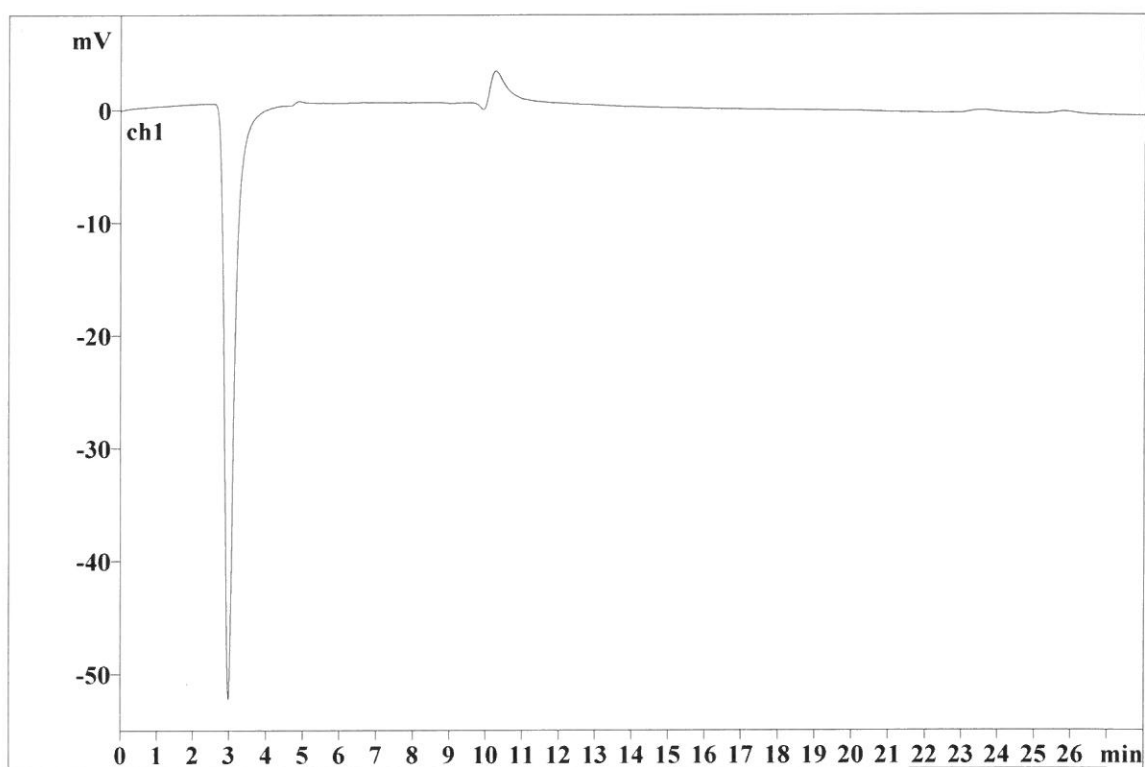
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Analysis from: 7/11/2017 4:42:31 PM
File: _2017-07-11_

Last save: 8/1/2017 5:47:18 PM

Method: AnionsIC2-071117.mtw
Run operator: wet
Analysis number: 14735

Last save: 7/11/2017 2:33:

SAMPLE:
: AK/AP
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
METROHM LTD

Report date: 8/5/2017 2:24:41 PM
Printed by: wet

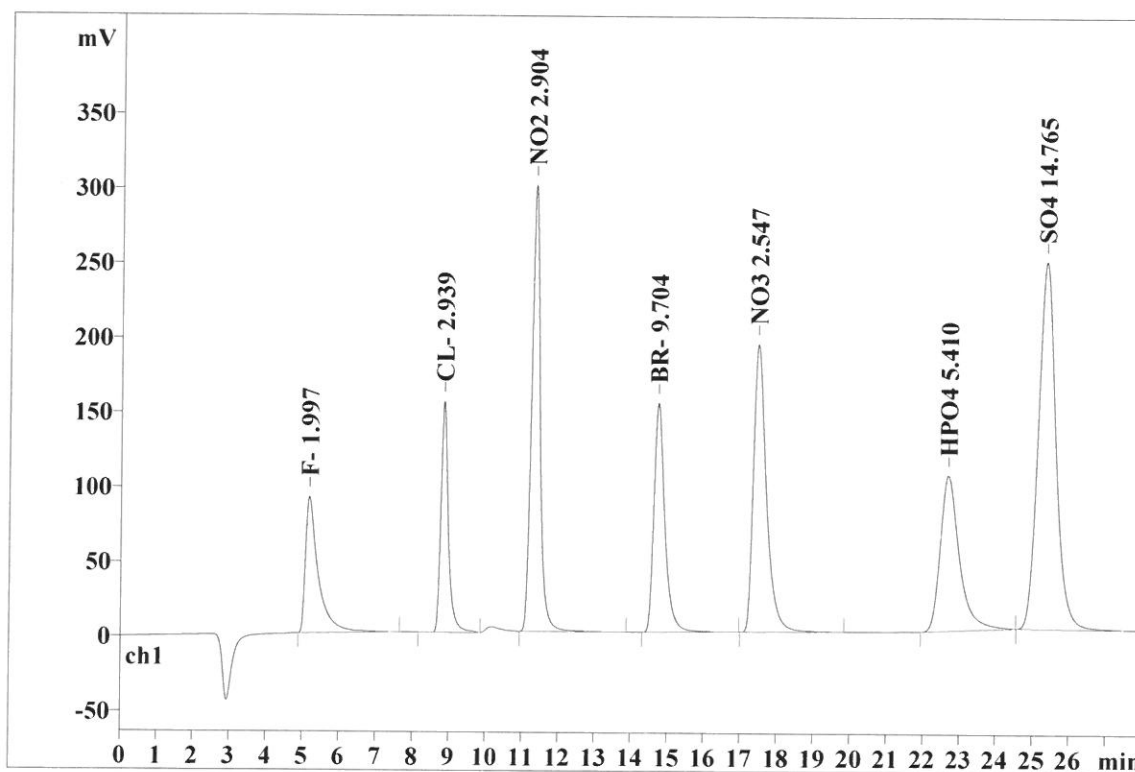
Ident: CCV
Analysis from: 8/4/2017 12:45:44 PM
File: _2017-08-04_

Last save: 8/4/2017 1:13:44 PM

Method: AnionsIC2-071117.mtw
Run operator: wet
Analysis number: 14832

Last save: 8/1/2017 5:46:3

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	0.323	91.24	7.36	2229.639	7.53
2	8.84	0.201	154.58	12.47	2192.588	7.40
3	11.33	0.246	298.66	24.09	5008.145	16.91
4	14.72	0.308	153.18	12.36	3231.869	10.91
5	17.46	0.362	192.47	15.53	4765.235	16.09
6	22.67	0.530	103.96	8.39	3836.703	12.95
7	25.33	0.511	245.62	19.81	8352.704	28.20
7	28.00	0.354	1239.71	100.00	29616.882	100.00

Report date: 8/5/2017 2:24:53 PM
Printed by: wet

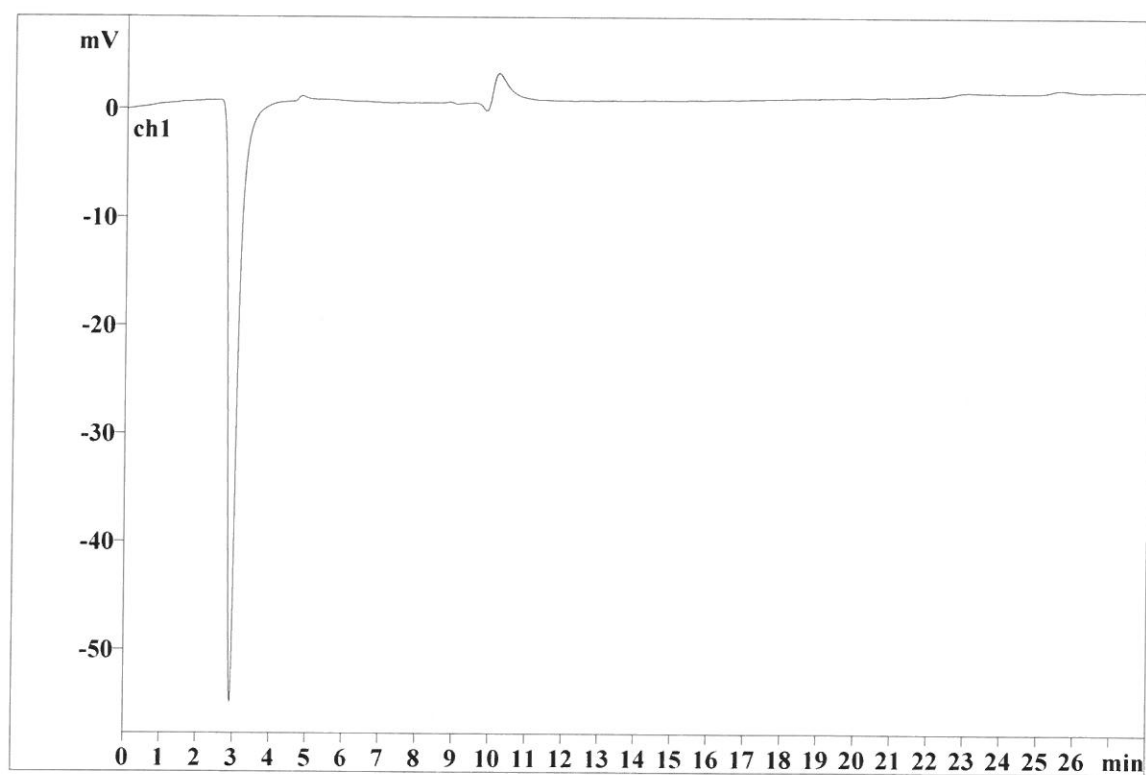
Ident: CCB
Analysis from: 8/4/2017 1:16:41 PM
File: _2017-08-04_

Last save: 8/4/2017 1:44:41 PM

Method: AnionsIC2-071117.mtw
Run operator: wet
Analysis number: 14833

Last save: 8/1/2017 5:46:3

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
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Report date: 8/5/2017 2:25:06 PM
Printed by: wet

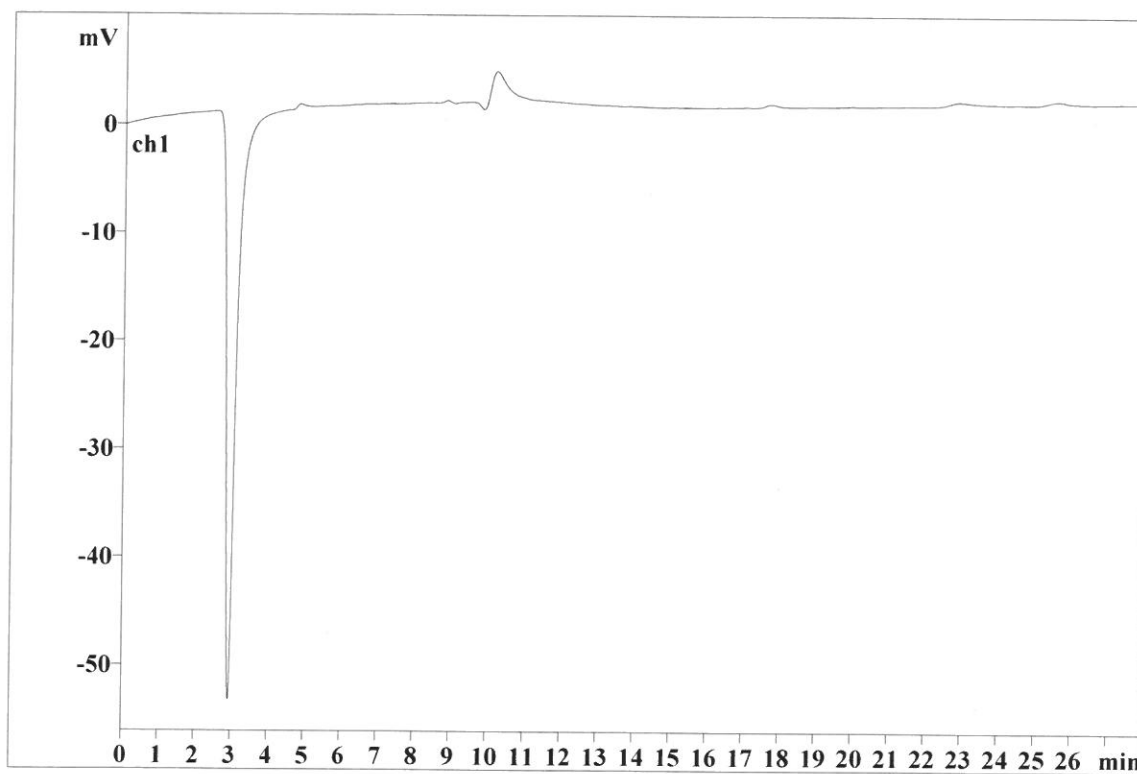
Ident: LB89261BLW
Analysis from: 8/4/2017 1:47:39 PM
File: _2017-08-04_

Last save: 8/4/2017 2:15:39 PM

Method: AnionsIC2-071117.mtw
Run operator: wet
Analysis number: 14834

Last save: 8/1/2017 5:46:3

SAMPLE: 5.01g
: 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: 8/5/2017 2:25:12 PM
Printed by: wet

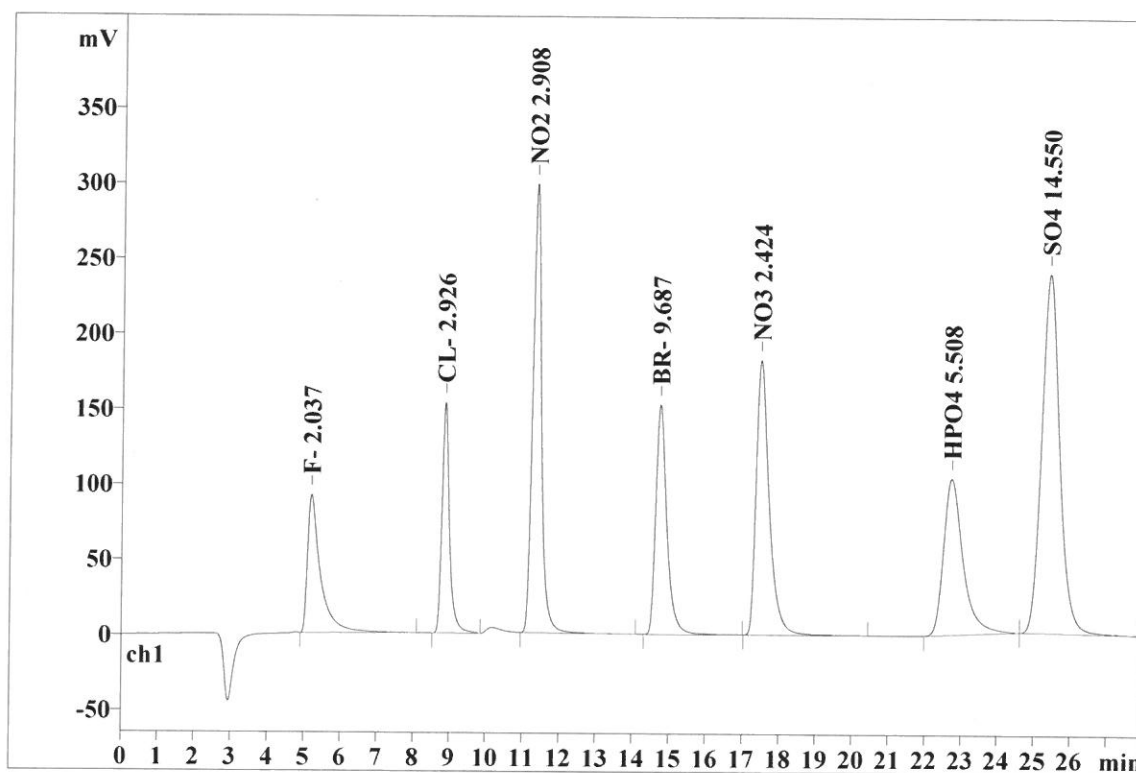
Ident: LB89261BSW
Analysis from: 8/4/2017 2:18:37 PM
File: _2017-08-04_

Last save: 8/4/2017 2:46:37 PM

Method: AnionsIC2-071117.mtw
Run operator: wet
Analysis number: 14835

Last save: 8/1/2017 5:46:3

SAMPLE: 5.00g
: 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	0.325	91.69	7.51	2275.629	7.75
2	8.85	0.202	153.25	12.56	2182.005	7.43
3	11.34	0.247	298.19	24.43	5016.668	17.09
4	14.74	0.308	152.53	12.50	3226.163	10.99
5	17.48	0.362	182.37	14.94	4525.435	15.42
6	22.72	0.540	103.76	8.50	3904.776	13.30
7	25.40	0.518	238.67	19.56	8225.250	28.02
7	28.00	0.357	1220.46	100.00	29355.926	100.00

Report date: 8/8/2017 5:59:41 PM
Printed by: wet

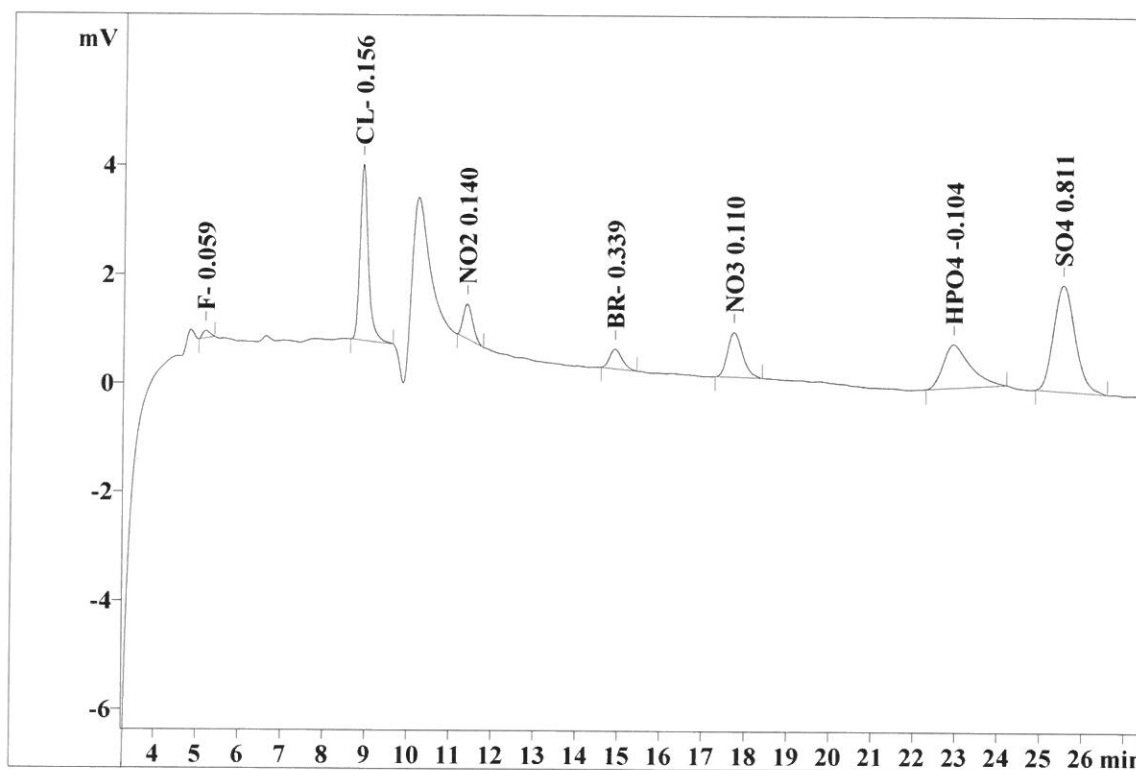
Ident: I4047-01
Analysis from: 8/4/2017 2:49:35 PM
File: _2017-08-04_

Last save: 8/8/2017 5:56:17 PM

Method: AnionsIC2-071117.mtw
Run operator: wet
Analysis number: 14836

Last save: 7/11/2017 2:33:

SAMPLE: 5.00g
: 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	5.17	0.201	0.14	1.72	1.634	0.86
2	8.88	0.202	3.23	40.57	44.961	23.62
3	11.36	0.248	0.64	8.05	10.095	5.30
4	14.88	0.320	0.36	4.54	7.477	3.93
5	17.69	0.372	0.82	10.35	20.137	10.58
6	22.90	0.677	0.81	10.13	36.646	19.25
7	25.49	0.543	1.95	24.55	69.391	36.46
7	28.00	0.366	7.95	99.90	190.342	100.00

Report date: 8/8/2017 6:02:49 PM
Printed by: wet

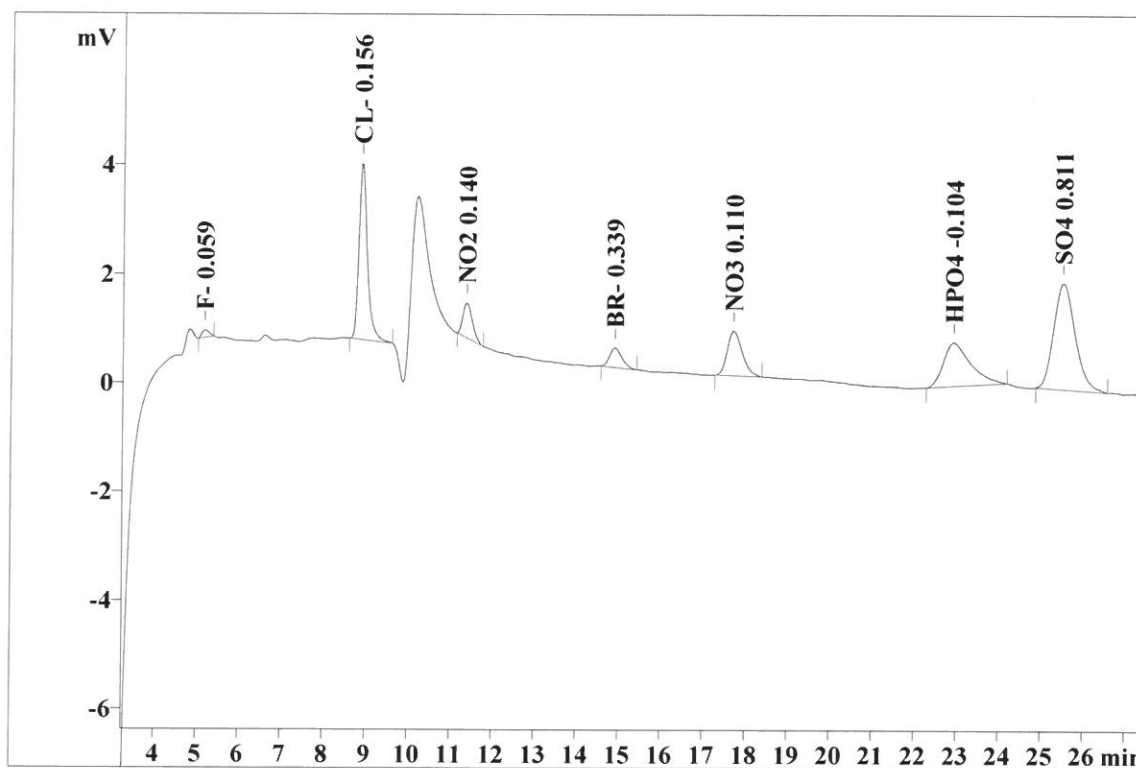
Ident: I4047-01
Analysis from: 8/4/2017 2:49:35 PM
File: _2017-08-04_

Last save: 8/8/2017 5:56:17 PM

Method: AnionsIC2-071117.mtw
Run operator: wet
Analysis number: 14836

Last save: 7/11/2017 2:33:

SAMPLE: 5.00g
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	5.17	0.201	0.14	1.72	1.634	0.86
2	8.88	0.202	3.23	40.57	44.961	23.62
3	11.36	0.248	0.64	8.05	10.095	5.30
4	14.88	0.320	0.36	4.54	7.477	3.93
5	17.69	0.372	0.82	10.35	20.137	10.58
6	22.90	0.677	0.81	10.13	36.646	19.25
7	25.49	0.543	1.95	24.55	69.391	36.46
7	28.00	0.366	7.95	99.90	190.342	100.00

Report date: 8/8/2017 6:03:24 PM
Printed by: wet

Ident: I4047-02
Analysis from: 8/4/2017 3:20:33 PM
File: _2017-08-04_

Last save: 8/8/2017 5:58:07 PM

Method: AnionsIC2-071117.mtw
Run operator: wet
Analysis number: 14837

Last save: 7/11/2017 2:33:

SAMPLE: 5.00g
AK/AP
Vial number: 7
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000

Before
peak not
integrated by
soft ware



DL
8/10/17

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	8.86	0.201	3.25	40.68	44.414	23.04
3	11.34	0.244	0.63	7.92	10.321	5.36
4	14.85	0.320	0.35	4.34	7.390	3.83
5	17.67	0.365	0.77	9.68	18.317	9.50
6	22.84	0.646	0.97	12.11	40.901	21.22
7	25.46	0.542	2.01	25.18	71.396	37.04
7	28.00	0.331	7.98	99.91	192.740	100.00

Report date: 8/8/2017 6:03:54 PM
Printed by: wet

Ident: I4047-02
Analysis from: 8/4/2017 3:20:33 PM
File: _2017-08-04_

Last save: 8/8/2017 6:03:49 PM

Manual peaks!

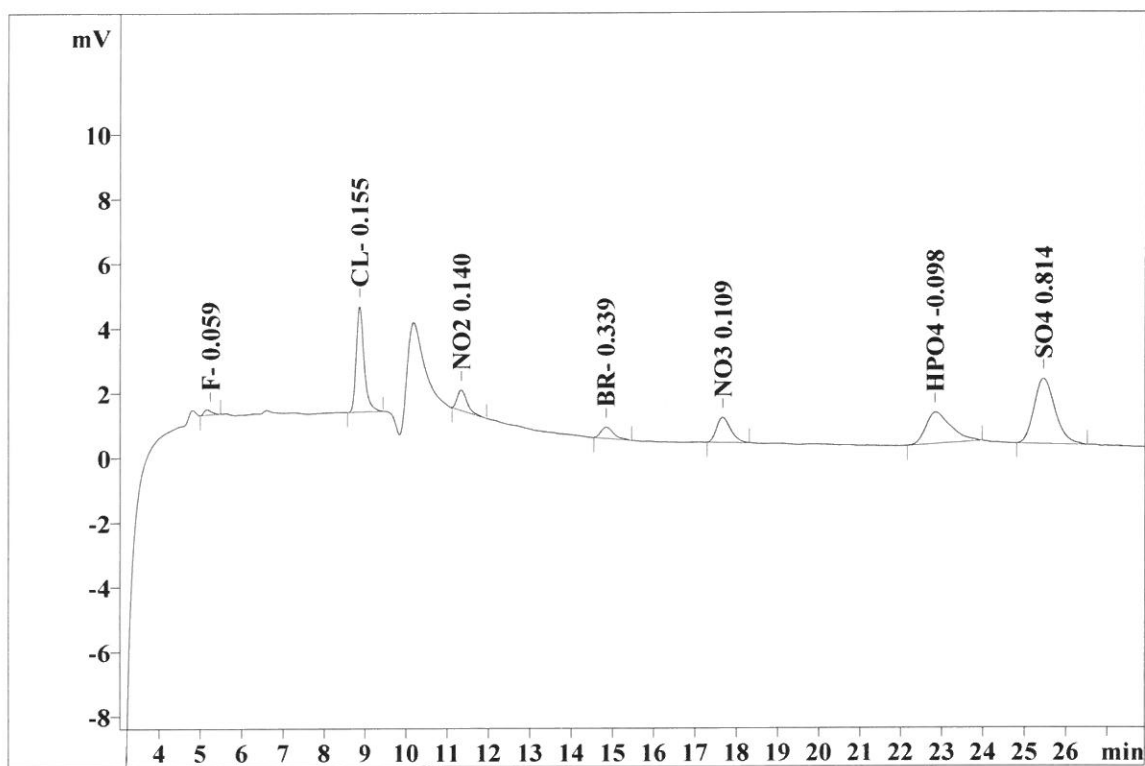
Method: AnionsIC2-071117.mtw
Run operator: wet
Analysis number: 14837

Last save: 7/11/2017 2:33:

SAMPLE: 5.00g
AK/AP
Vial number: 7
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000

Dist

AL 8/10/17



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	5.24	0.257	0.12	1.46	2.139	1.10
2	8.86	0.201	3.25	40.09	44.414	22.79
3	11.34	0.244	0.63	7.81	10.321	5.30
4	14.85	0.320	0.35	4.28	7.390	3.79
5	17.67	0.365	0.77	9.54	18.317	9.40
6	22.84	0.646	0.97	11.94	40.901	20.99
7	25.46	0.542	2.01	24.82	71.396	36.64
7	28.00	0.368	8.10	99.94	194.879	100.00

Report date: 8/8/2017 6:04:24 PM
Printed by: wet

Ident: I4047-03
Analysis from: 8/4/2017 3:51:31 PM
File: _2017-08-04_

Last save: 8/8/2017 5:58:07 PM

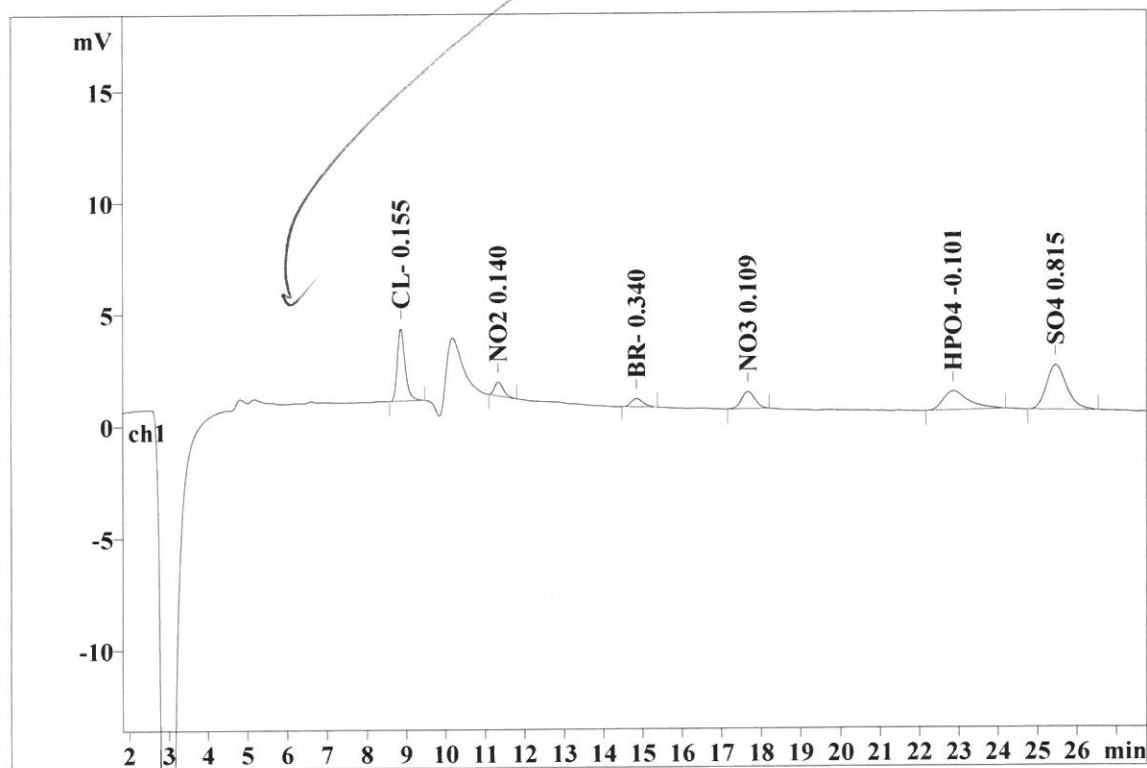
Method: AnionsIC2-071117.mtw
Run operator: wet
Analysis number: 14838

Last save: 7/11/2017 2:33:

SAMPLE: 5.00g
AK/AP
Vial number: 8
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000

Before peak not integrated by software

8/10/17



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	8.86	0.201	3.23	41.33	44.141	23.30
3	11.34	0.241	0.62	7.87	9.623	5.08
4	14.85	0.325	0.37	4.69	7.711	4.07
5	17.68	0.367	0.76	9.72	17.894	9.45
6	22.86	0.662	0.85	10.82	38.467	20.30
7	25.48	0.547	1.99	25.49	71.614	37.80
7	28.00	0.335	7.81	99.93	189.450	100.00

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Report date: 8/8/2017 6:11:30 PM
Printed by: wet

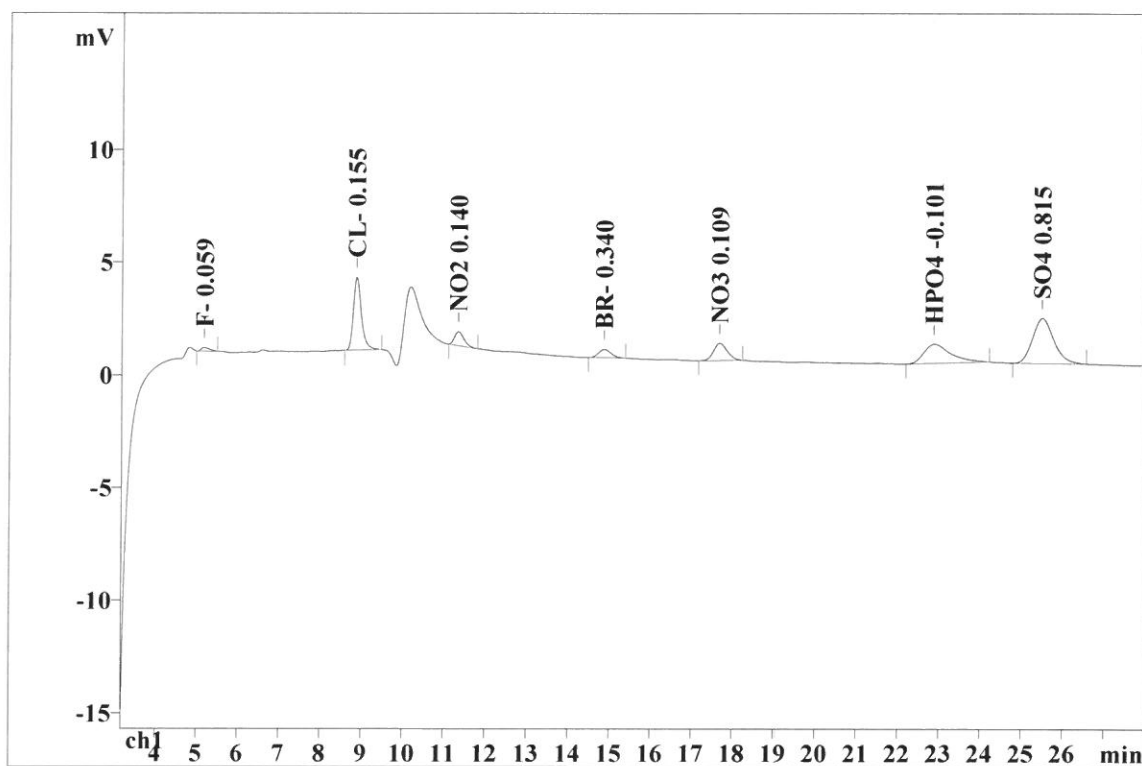
Ident: I4047-03
Analysis from: 8/4/2017 3:51:31 PM
File: 2017-08-04_
Modified! Manual peaks!
Method: AnionsIC2-071117.mtw
Run operator: wet
Analysis number: 14838

Last save: 8/8/2017 5:58:07 PM

Last save: 7/11/2017 2:33:

SAMPLE: 5.00g
AK/AP
Vial number: 8
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000

After
8/10/17



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	5.18	0.223	0.16	2.04	2.229	1.16
2	8.86	0.201	3.23	40.49	44.141	23.03
3	11.34	0.241	0.62	7.71	9.623	5.02
4	14.85	0.325	0.37	4.60	7.711	4.02
5	17.68	0.367	0.76	9.52	17.894	9.34
6	22.86	0.662	0.85	10.60	38.467	20.07
7	25.48	0.547	1.99	24.97	71.614	37.36
7	28.00	0.367	7.97	99.94	191.679	100.00

Report date: 8/8/2017 6:12:19 PM
Printed by: wet

Ident: I4047-04
Analysis from: 8/4/2017 4:22:29 PM
File: _2017-08-04_

Last save: 8/8/2017 5:58:07 PM

Method: AnionsIC2-071117.mtw
Run operator: wet
Analysis number: 14839

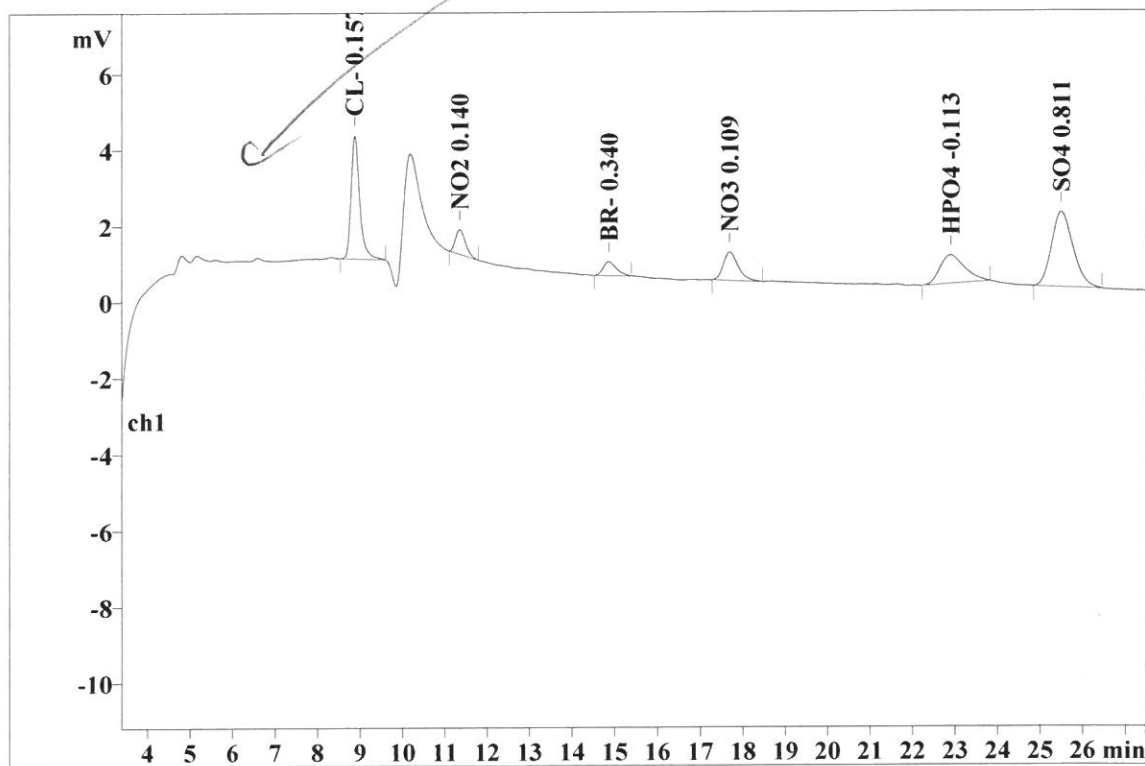
Last save: 7/11/2017 2:33:

SAMPLE: 5.00g
AK/AP
Vial number: 9
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000

Before

*Peak not integrated
by software*

*PA
8/10/17*



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	8.88	0.203	3.25	41.94	45.923	25.20
3	11.36	0.254	0.65	8.37	10.578	5.80
4	14.86	0.329	0.37	4.74	7.852	4.31
5	17.69	0.364	0.75	9.66	18.177	9.97
6	22.89	0.629	0.75	9.70	30.281	16.61
7	25.51	0.543	1.97	25.49	69.442	38.10
7	28.00	0.332	7.74	99.89	182.253	100.00

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Report date: 8/8/2017 6:13:01 PM
Printed by: wet

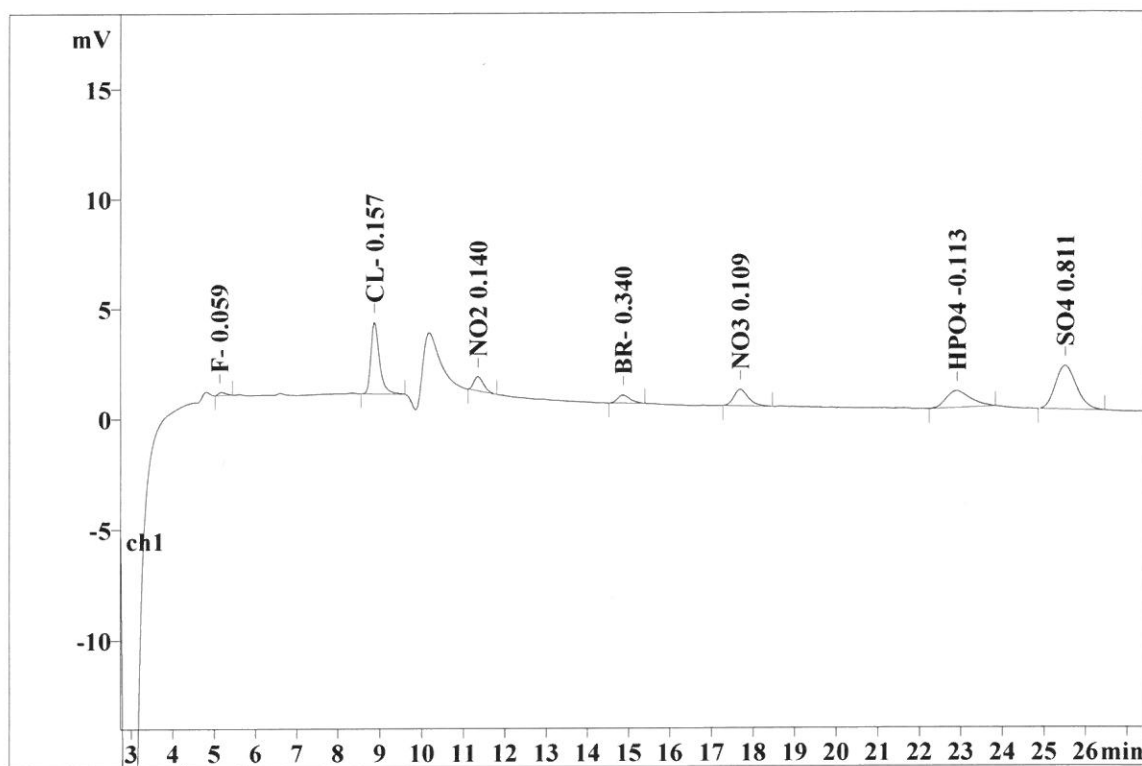
Ident: I4047-04
Analysis from: 8/4/2017 4:22:29 PM
File: 2017-08-04_
Modified! Manual peaks!
Method: AnionsIC2-071117.mtw
Run operator: wet
Analysis number: 14839

Last save: 8/8/2017 5:58:07 PM

Last save: 7/11/2017 2:33:

SAMPLE: 5.00g
AK/AP
Vial number: 9
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000

After
9/10/17



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	5.12	0.231	0.13	1.63	1.926	1.05
2	8.88	0.203	3.25	41.26	45.923	24.93
3	11.36	0.254	0.65	8.24	10.578	5.74
4	14.86	0.329	0.37	4.66	7.852	4.26
5	17.69	0.364	0.75	9.50	18.177	9.87
6	22.89	0.629	0.75	9.54	30.281	16.44
7	25.51	0.543	1.97	25.07	69.442	37.70
7	28.00	0.365	7.87	99.89	184.179	100.00

This report has been created by IC Net
METROHM LTD

Report date: 8/10/2017 10:18:46 AM
Printed by: wet

Ident: I4047-05
Analysis from: 8/4/2017 4:53:30 PM
File: _2017-08-04_

Last save: 8/10/2017 10:18:34 AM

Method: AnionsIC2-071117.mtw
Run operator: wet
Analysis number: 14840

Last save: 7/11/2017 2:33:

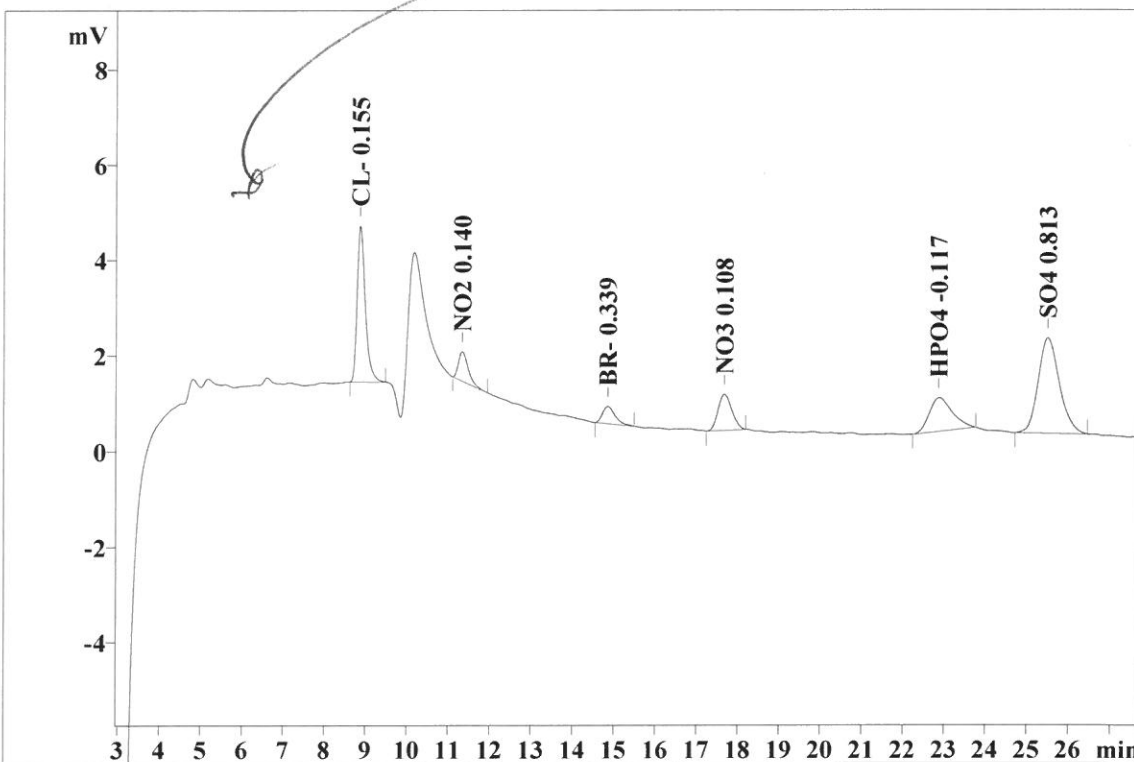
SAMPLE: 5.00g
: AK/AP
Vial number: 6
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000

Before

*peak not integrated
by software*

OK

9/10/16



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	8.86	0.201	3.27	42.41	44.700	25.09
3	11.34	0.247	0.62	8.05	10.161	5.70
4	14.85	0.315	0.36	4.70	7.694	4.32
5	17.67	0.363	0.75	9.76	17.416	9.78
6	22.87	0.602	0.70	9.11	27.367	15.36
7	25.50	0.543	1.99	25.85	70.791	39.74
7	28.00	0.325	7.70	99.88	178.129	100.00

Report date: 8/9/2017 3:53:04 PM
Printed by: wet

Ident: I4047-05
Analysis from: 8/4/2017 4:53:30 PM
File: 2017-08-04_
Modified! Manual peaks!
Method: AnionsIC2-071117.mtw
Run operator: wet
Analysis number: 14840

Last save: 8/8/2017 5:58:07 PM

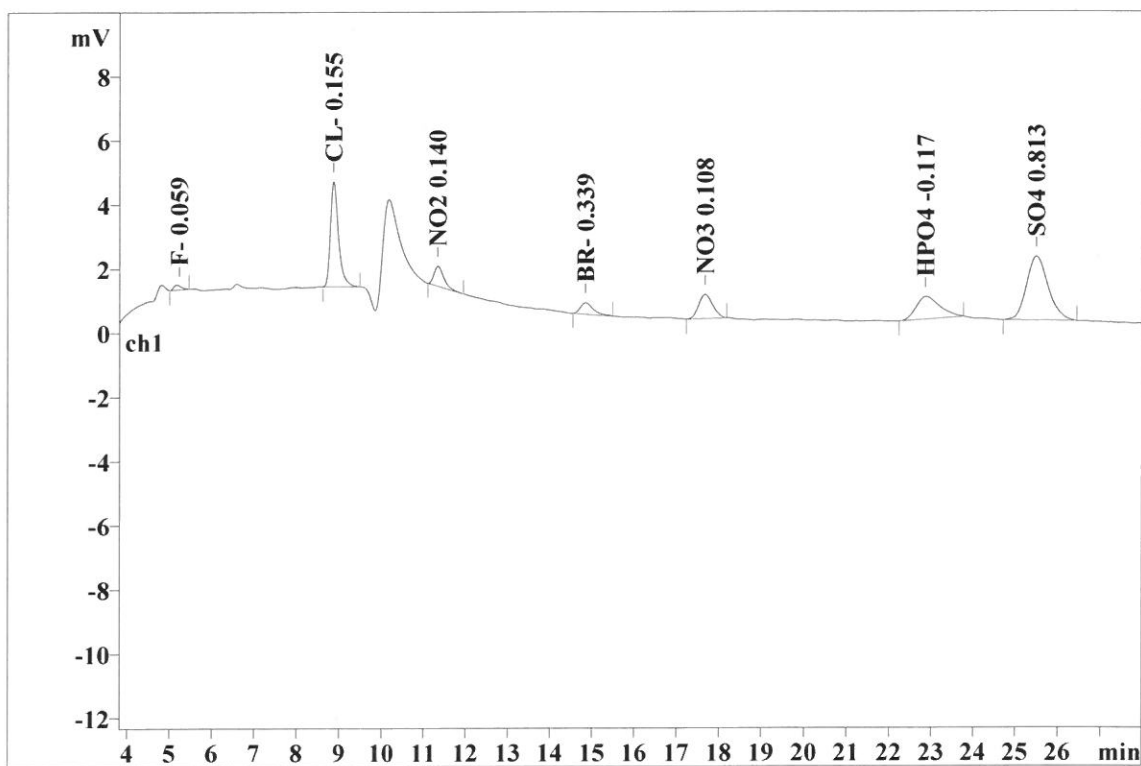
Last save: 7/11/2017 2:33:

SAMPLE: 5.00g
: AK/AP
Vial number: 6
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000

from

M

8/10/18



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	5.23	0.226	0.12	1.51	1.871	1.04
2	8.86	0.201	3.27	41.76	44.700	24.83
3	11.34	0.247	0.62	7.93	10.161	5.65
4	14.85	0.315	0.36	4.63	7.694	4.27
5	17.67	0.363	0.75	9.61	17.416	9.68
6	22.87	0.602	0.70	8.97	27.367	15.20
7	25.50	0.543	1.99	25.45	70.791	39.33
7	28.00	0.357	7.82	99.85	179.999	100.00

Report date: 8/9/2017 3:54:00 PM
Printed by: wet

Ident: I4047-06
Analysis from: 8/4/2017 5:24:29 PM
File: _2017-08-04_

Last save: 8/8/2017 5:59:07 PM

Method: AnionsIC2-071117.mtw
Run operator: wet
Analysis number: 14841

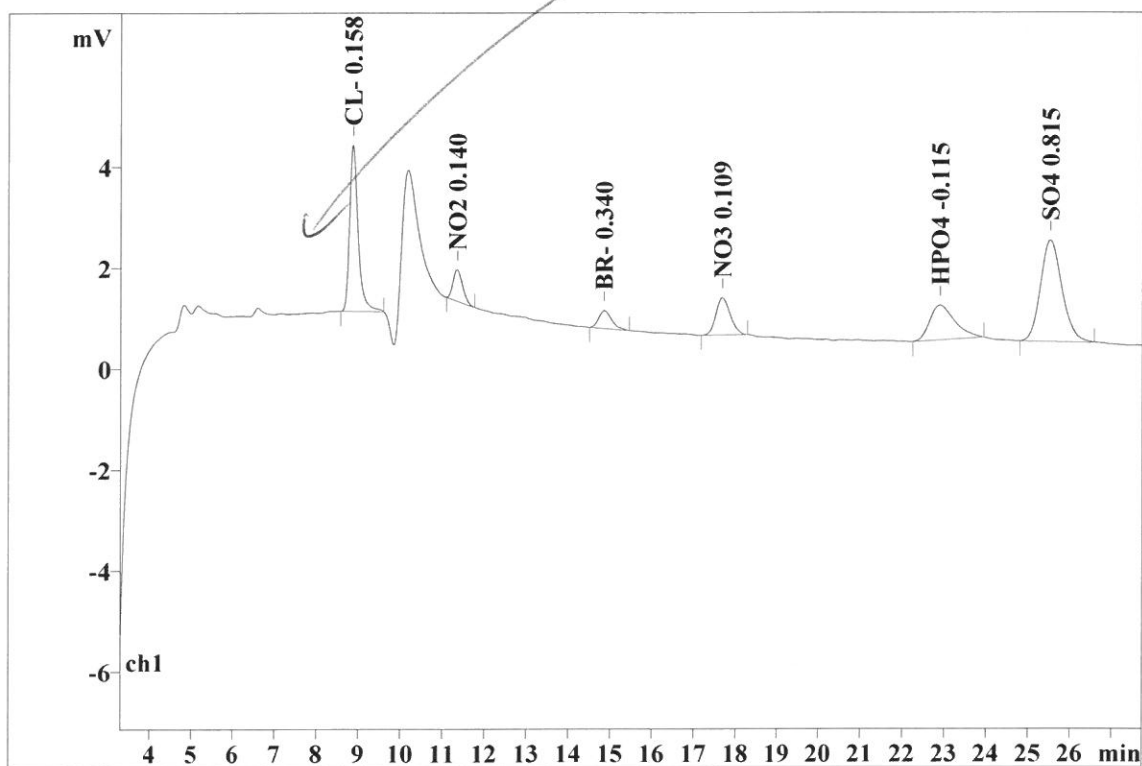
Last save: 7/11/2017 2:33:

SAMPLE: 5.00g
AK/AP
Vial number: 7
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000

Before

*M
8/10/12*

*Peak 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	8.87	0.202	3.30	42.68	46.471	25.48
3	11.35	0.250	0.62	8.05	9.898	5.43
4	14.86	0.329	0.36	4.65	7.773	4.26
5	17.68	0.369	0.74	9.58	17.706	9.71
6	22.89	0.633	0.69	8.92	28.759	15.77
7	25.52	0.546	2.01	26.02	71.759	39.35
7	28.00	0.333	7.71	99.89	182.367	100.00

This report has been created by IC Net
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Report date: 8/10/2017 10:28:19 AM
Printed by: wet

Ident: I4047-06
Analysis from: 8/4/2017 5:24:29 PM
File: _2017-08-04_

Last save: 8/9/2017 3:54:54 PM

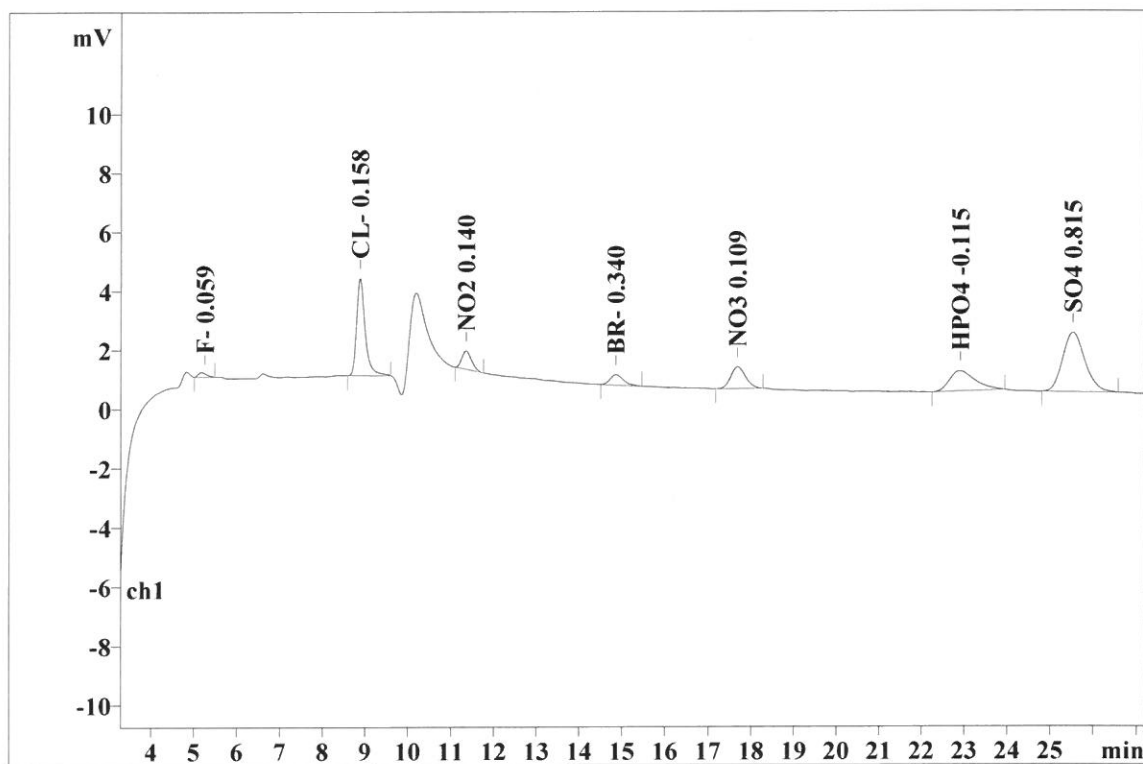
Manual peaks!

Method: AnionsIC2-071117.mtw
Run operator: wet
Analysis number: 14841

Last save: 7/11/2017 2:33:

SAMPLE: 5.00g
AK/AP
Vial number: 7
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000

After
M
8/10/18



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	5.26	0.260	0.11	1.39	2.036	1.10
2	8.87	0.202	3.30	42.09	46.471	25.20
3	11.35	0.250	0.62	7.94	9.898	5.37
4	14.86	0.329	0.36	4.58	7.773	4.22
5	17.68	0.369	0.74	9.44	17.706	9.60
6	22.89	0.633	0.69	8.80	28.759	15.60
7	25.52	0.546	2.01	25.66	71.759	38.91
7	28.00	0.370	7.82	99.90	184.403	100.00

This report has been created by IC Net
METROHM LTD

Report date: 8/9/2017 3:55:21 PM
Printed by: wet

Ident: I4047-07
Analysis from: 8/4/2017 5:55:27 PM
File: _2017-08-04_

Last save: 8/8/2017 5:59:07 PM

Method: AnionsIC2-071117.mtw
Run operator: wet
Analysis number: 14842

Last save: 7/11/2017 2:33:

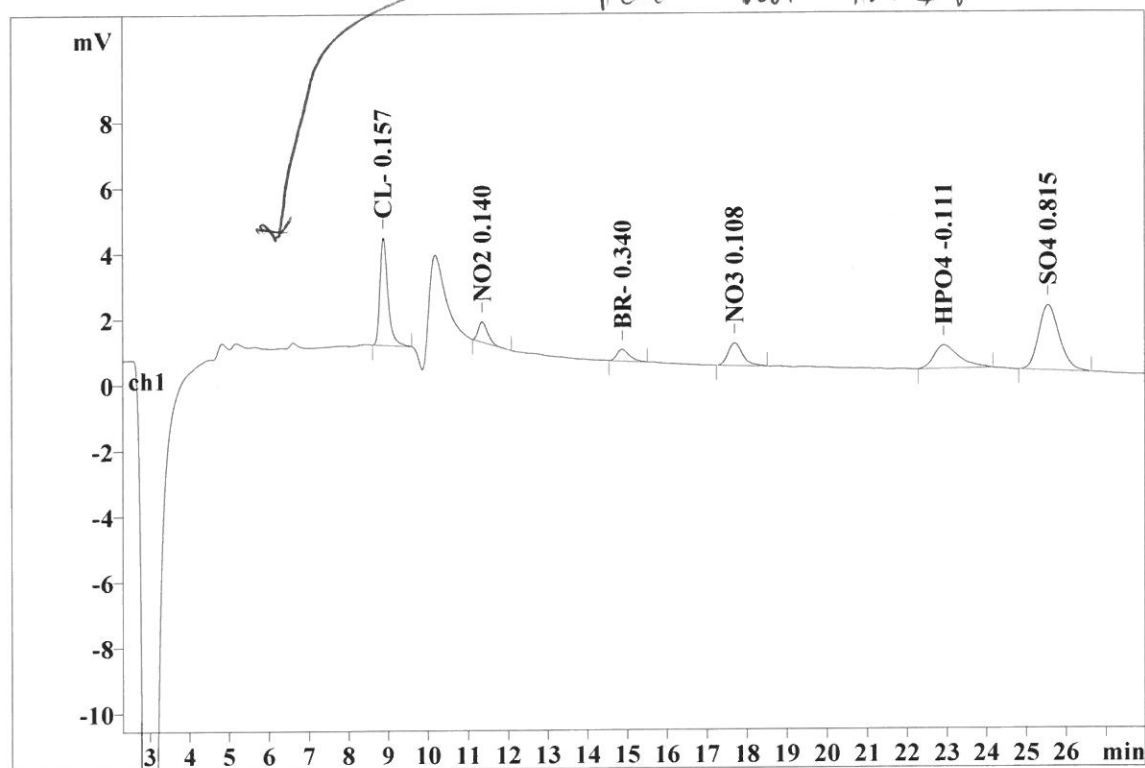
SAMPLE: 5.00g
: AK/AP
Vial number: 8
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000

~~After~~ Before

rd

8/10/17

Peak 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	8.89	0.204	3.28	42.85	46.146	24.99
3	11.37	0.253	0.62	8.11	10.218	5.53
4	14.88	0.322	0.36	4.68	7.752	4.20
5	17.70	0.369	0.69	9.07	17.420	9.43
6	22.93	0.658	0.71	9.29	31.587	17.10
7	25.56	0.552	1.98	25.91	71.558	38.75
7	28.00	0.337	7.64	99.92	184.681	100.00

This report has been created by IC Net
METROHM LTD

Report date: 8/10/2017 9:50:17 AM
Printed by: wet

Ident: I4047-07
Analysis from: 8/4/2017 5:55:27 PM
File: _2017-08-04_

Last save: 8/9/2017 3:56:35 PM

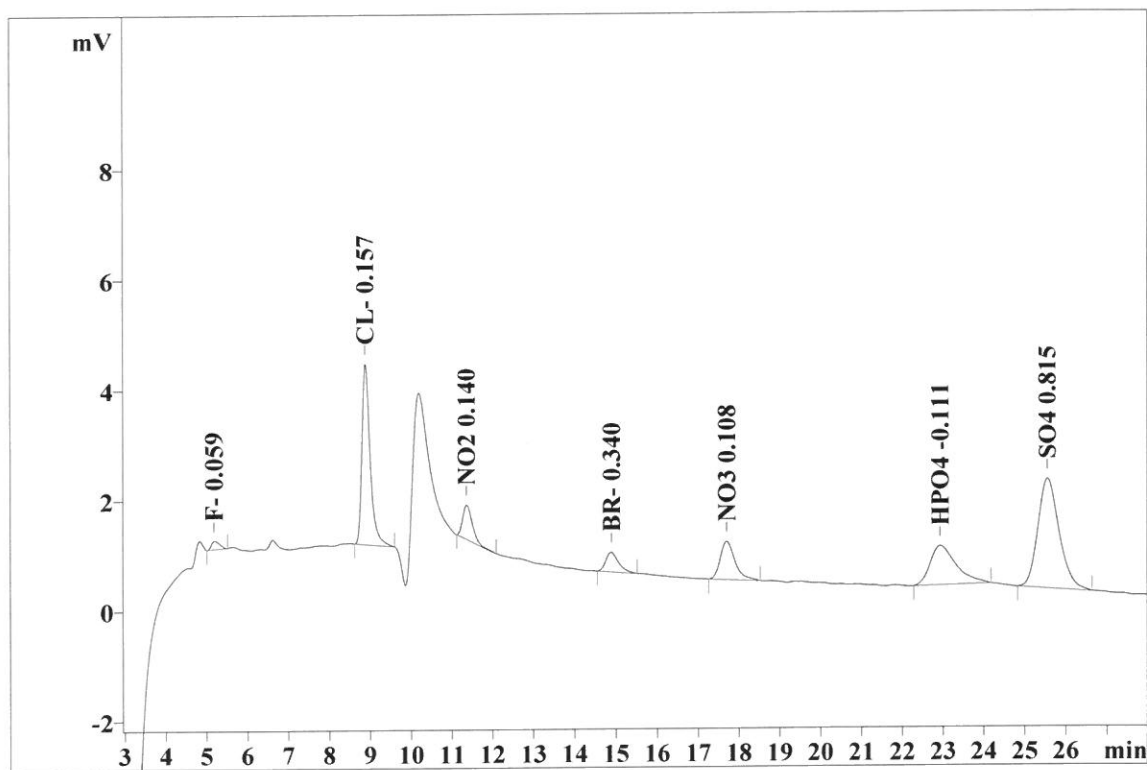
Manual peaks!

Method: AnionsIC2-071117.mtw
Run operator: wet
Analysis number: 14842

Last save: 7/11/2017 2:33:

SAMPLE: 5.00g
AK/AP
Vial number: 8
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000

*After
OK
8/10/18*



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	5.19	0.225	0.15	1.99	2.133	1.14
2	8.89	0.204	3.28	42.02	46.146	24.70
3	11.37	0.253	0.62	7.95	10.218	5.47
4	14.88	0.322	0.36	4.59	7.752	4.15
5	17.70	0.369	0.69	8.89	17.420	9.32
6	22.93	0.658	0.71	9.11	31.587	16.91
7	25.56	0.552	1.98	25.41	71.558	38.30
7	28.00	0.369	7.79	99.97	186.813	100.00

Report date: 8/9/2017 4:38:57 PM
Printed by: wet

Ident: I4047-07
Analysis from: 8/4/2017 6:26:25 PM
File: _2017-08-04_

Last save: 8/8/2017 5:59:07 PM

Method: AnionsIC2-071117.mtw
Run operator: wet
Analysis number: 14843

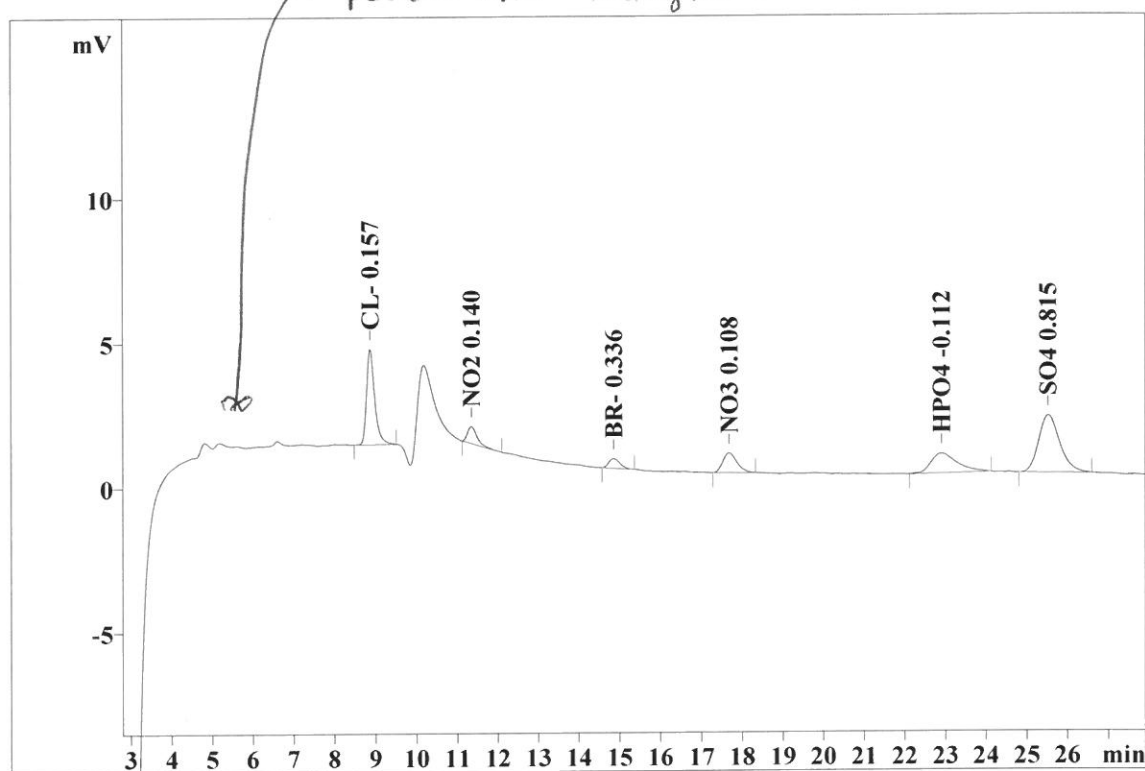
Last save: 7/11/2017 2:33:

SAMPLE: 5.00g
: AK/AP
Vial number: 9
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000

Butane

86 8/10/17

peak 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	8.87	0.204	3.29	43.47	45.995	25.40
3	11.35	0.248	0.58	7.71	9.719	5.37
4	14.86	0.303	0.34	4.47	6.520	3.60
5	17.68	0.373	0.68	9.04	16.561	9.14
6	22.91	0.672	0.68	9.04	30.750	16.98
7	25.54	0.552	1.98	26.20	71.567	39.52
7	28.00	0.336	7.56	99.94	181.112	100.00

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METROHM LTD

Report date: 8/9/2017 4:39:43 PM
Printed by: wet

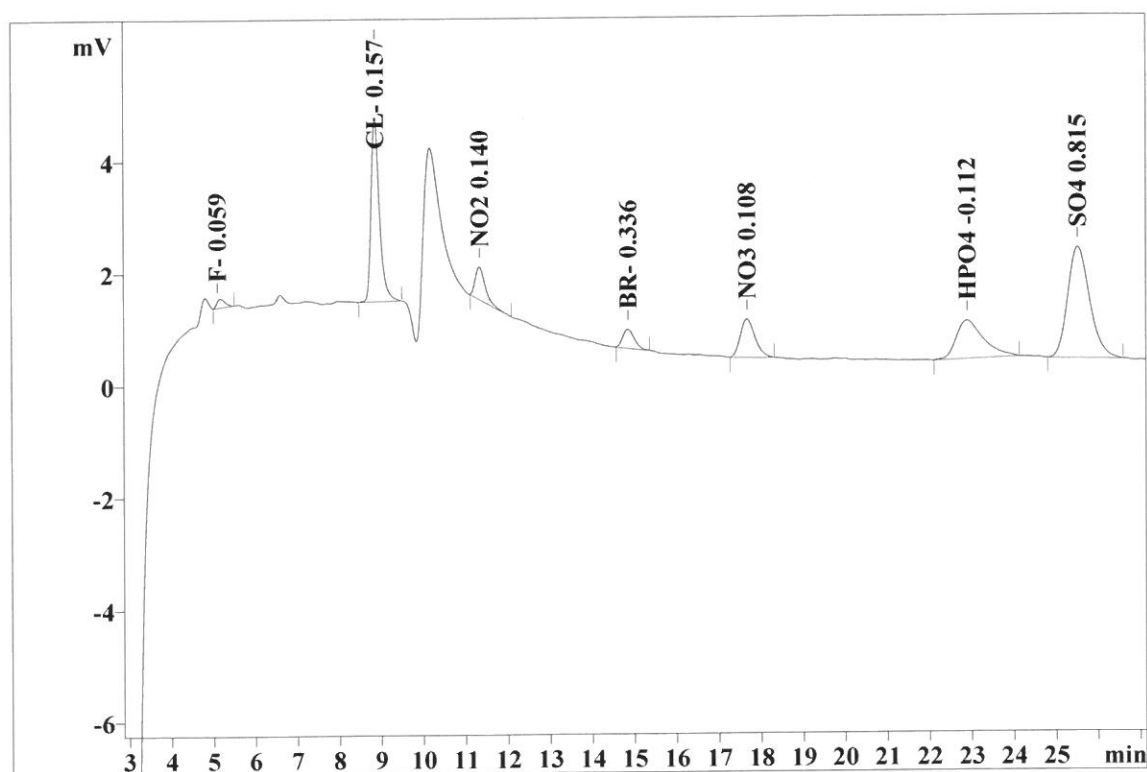
Ident: I4047-07
Analysis from: 8/4/2017 6:26:25 PM
File: 2017-08-04_
Modified! Manual peaks!
Method: AnionsIC2-071117.mtw
Run operator: wet
Analysis number: 14843

Last save: 8/8/2017 5:59:07 PM

Last save: 7/11/2017 2:33:

SAMPLE: 5.00g
: AK/AP
Vial number: 9
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000

ADP
pl
9/10/18



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	5.11	0.267	0.11	1.40	2.161	1.18
2	8.87	0.204	3.29	42.87	45.995	25.10
3	11.35	0.248	0.58	7.60	9.719	5.30
4	14.86	0.303	0.34	4.41	6.520	3.56
5	17.68	0.373	0.68	8.92	16.561	9.04
6	22.91	0.672	0.68	8.91	30.750	16.78
7	25.54	0.552	1.98	25.84	71.567	39.05
7	28.00	0.374	7.67	99.95	183.273	100.00

This report has been created by IC Net
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