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Level IV Data Package

MWH Group 240233

Method: EPA 9056 Nitrate

2805090137
2805090138/2805090232

ANIONS QC Checklist
(CHLORIDE, NITRITE, NITRATE & SULFATE)

Analysis Date: 5/9/08 **Analyst:** SK/LMY **QC'd by** M **Date** 16 May 08

Instrument: IC3

Calibration including LCS/LCSD(Secondary Source)

✓ LCS/LCSD recovery is within 90% - 110% to verify that the calibration curve still holds.

✓ Correlation Coefficient of calibration curve for quadratic is 0.99 or better (0.995 for linear curve)

Initial QC Check (HCV2, HCV1, MCV, CCB, LOWRL, MRL,MBLANK,) to be analyzed with every batch (up to 20 samples) or part thereof

✓ MBLANK is analyzed before samples. Anions, if present, should be < or = half of the MRL (LOWRL or MRL).

✓ *LOWRL & MRL are within 50% - 150%*

✓ *HCV2, HCV1, MCV, LCS & LCSD are within 90% - 110%*

	CL	NO2-N	NO3	SO4
HCV2	80 (72 – 88)	8 (7.2 – 8.8)	8 (7.2 – 8.8)	160 (144 – 176)
HCV1	50 (45 – 55)	5 (4.5 – 5.5)	5 (4.5 – 5.5)	100 (90 – 110)
MCV	20 (18 – 22)	2 (1.8 – 2.2)	2 (1.8 – 2.2)	40 (36 – 44)
LOWRL	0.125	0.0125 (0.006 – 0.018)	0.0125 (0.006 – 0.018)	0.250 (0.125 – 0.375)
MRL	0.50 (0.25 – 0.75)	0.050 (0.025 – 0.075)	0.050 (0.025 – 0.075)	1.00 (0.50 – 1.50)
LCS/LCSD	25 (22.5 – 27.5)	1.00 (0.90 – 1.10)	2.50 (2.25 – 2.75)	50 (45 – 55)

MS/MSD: Acceptance criteria for : CL=74%-126% NO2-N=78-135% NO3=80%-112% SO4=83%-115%

✓ RPD between MS/MSD is within 10%

✓ One MS per 10 samples, one MSD per 20 samples or part thereof

Continuing Calibration Verification

✓ Verification checks alternate between mid-(MCV) and high- (HCV) levels during the analysis.

✓ Blank analyzed after each MCV and HCV

Samples

✓ All samples should be unpreserved

✓ Samples for nitrate and nitrite are analyzed within 48 hours of collection.

✓ Samples for chloride and sulfate are analyzed within 28 days of collection.

QIR

YES QIR needed for failed QC

NO QIR needed for samples analyzed outside of hold time

MA NO3-LOW1

MA SO4-LOW1

YES NO39056

NO CL-LF

NO SO4-LF

NO Change MDL for NO2-N & NO3 to 0.0125 for samples diluted more than 10X.

Misc

Any sample with result above the MCL, inform the project manager

NO for NO2-N, MCL = 1 ppm NO for NO3, MCL = 10 ppm

SUMMARY SHEET

File ID: 050908AN
Date Started: 04/22/08
Analyst ID: lmr

SAMPLE ID

autocal1	(10:45)	autocal2	(10:58)	autocal3	(11:12)
autocal4	(11:26)	autocal5	(11:39)	autocal6	(11:53)
autocal7	(12:06)	autocal8	(12:20)	autocal9	(12:34)
autocal10	(12:47)	autocal11	(13:01)	20 PPM	(08:32)
LOWRL	(09:40)	2804160345_1	(10:48)	2804230088_1	(11:02)
[redacted]	(11:16)	[redacted]	(11:29)	2804300481_1	(11:43)
2805090256_1	(13:43)	2805090255_1	(13:57)	2805090257_1	(14:10)
2805090258_1	(14:24)	2805090232	(14:37)	2805090137_1	(15:46)
2805090058	(15:59)	2805080224	(16:19)	2805080227	(16:32)
2804280081_1	(16:46)	2804280080_1	(17:00)	2804280079_1	(17:13)
[redacted] -03	(17:27)	[redacted]	(17:41)	2805090102	(18:25)
LOWRL	(19:47)	2805090077	(20:55)	2805090078	(21:09)
2805090100_1	(21:23)	2805090101	(21:36)	2805090170_1	(21:50)
2805090185_1	(22:03)	2805090181_1	(22:17)	2805090189	(22:31)
2805090186	(22:44)	2805090184	(22:58)	2805090093_1	(23:52)
2805090408_1	(00:06)	2805080422_1	(00:20)	2805080423_1	(00:33)
2805080424	(00:47)		()		

COMMENT:

Analyst: SXK/lmr

Approved By:

Received by Supervisor on 13-may-2008
QIR initiated by: sxk

QUALITY INVESTIGATION REPORT **QIR No.:** INOR_240462

Analysis date: 050908
Analyst: lmr
Method reference: ML-EPA 300
Analytical instrument: INIC
Extraction Date: NA
Prepared By: NA

Group	Sample#	Sample ID	Customer	QC Ref	Test	PM
240221	2805090058	662-005 RO PUR FP MU	[redacted]	426112	NO3	ADE
240267	2805090232	M-10	KERRMCGEE-MP	426112	NO3	ADE
240152	2805080846	MDL3	[redacted]	426112	NO3	LXG
240153	2805080855	DOC4	[redacted]	426112	NO3	LXG
240274	2805090256	POE 12	[redacted]	426112	NO3	TDFA
240274	2805090255	POE 18	[redacted]	426112	NO3	TDFA
240274	2805090257	POE 3	[redacted]	426112	NO3	TDFA
240274	2805090258	POE 11	[redacted]	426112	NO3	TDFA
240024	2805080224	1910001-006 WELL NO	[redacted]	426112	NO3	YOM
240024	2805080227	1910001-036 W9/LONGD	[redacted]	426112	NO3	YOM
240229	2805090102	1910001-010 WELL NO	[redacted]	426112	NO3	YOM

Brief Description:(include reason for non-compliance-Root Cause)

MS/MSD recoveries for 2805090232 were 127%/104% and the acceptable range is 80%-112%. LCS/LCSD recoveries were 101% and 99.3%.

Corrective Action Taken/Prevention:

Spiked sample needs to be reanalysed with higher dilution in order to accurately assess NO3. Exceptionally high bromide values overwhelmed NO3 peak. No clean separation of peaks is possible and biased values are evidenced.

Impact on Data Quality:

NO3 results are biased and should not be reported. Sample needs reanalysis at higher dilution. Any other samples with similar matrix also need reanalysis depending upon bromide concentration and separation of peaks. LCS/LCSD can be used to assess precision for the batch.
LIMS user:lmr Date/time stamp:16-may-2008 17:08:00

Data Disposition/Acceptable/Method/Regulations:

Report comment on high biased MS recovery due to interfering peak. Native sample scheduled for reanalysis with dilution. Data acceptable based on passing LCSs.
LIMS user:yyc Date/time stamp:16-may-2008 18:16:08

Client Contact:

ok to report [redacted]
report KMG from rerun
LIMS user:ade Date/time stamp:16-may-2008 22:50:54

[redacted] - report data, no comment
LIMS user:lxg Date/time stamp:17-may-2008 11:16:50

[redacted] - report. TDF 051708
LIMS user:tdf Date/time stamp:17-may-2008 16:55:03

Report data with batch comment. yom 5/18/08
LIMS user:yom Date/time stamp:18-may-2008 13:29:04

Detail Report for QIR group# 240462

Group	Sample#	Sample ID	Customer	QC Ref	Test	Analyst	Analysis Date	Prep	Prep Date	Inst
240024	2805080224	1910001-006 WELL NO	[redacted]	426112	NO3	lmr	05/09/08 16:19			INIC
240024	2805080227	1910001-036 W9/LONGD	[redacted]	426112	NO3	lmr	05/09/08 16:32			INIC
240152	2805080846	MDL3	[redacted]	426112	NO3	lmr	05/09/08 09:40			INIC
240153	2805080855	DOC4	[redacted]	426112	NO3	lmr	05/09/08 10:21			INIC
240221	2805090058	662-005 RO PUR FP MU	[redacted]	426112	NO3	lmr	05/09/08 15:59			INIC
240229	2805090102	1910001-010 WELL NO	[redacted]	426112	NO3	lmr	05/09/08 18:25			INIC
240267	2805090232	M-10	[redacted]	426112	NO3	lmr	05/09/08 14:37			INIC
240274	2805090255	POE 18	[redacted]	426112	NO3	lmr	05/09/08 13:57			INIC
240274	2805090256	POE 12	[redacted]	426112	NO3	lmr	05/09/08 13:43			INIC
240274	2805090257	POE 3	[redacted]	426112	NO3	lmr	05/09/08 14:10			INIC
240274	2805090258	POE 11	[redacted]	426112	NO3	lmr	05/09/08 14:24			INIC

Batch# 426112 NO3

Analyte	QC	Actual	Found	Lower	Yield	Upper	Status
Nitrate as Nitrogen by IC	LCS1	2.5	2.55	90.0	102.0	110.0	OK
Nitrate as Nitrogen by IC	LCS2	2.5	2.48	90.0	99.2	110.0	OK
Nitrate as Nitrogen by IC	MBLK	ND	ND	0.0		0.0	OK
Nitrate as Nitrogen by IC	MRL_CHK	0.050	0.051	50.0	102.0	150.0	OK
Nitrate as Nitrogen by IC	MS	1.25	1.59	80.0	127.2	112.0	Alarm
Nitrate as Nitrogen by IC	MSD	1.25	1.30	80.0	104.0	112.0	OK
Nitrate as Nitrogen by IC	RPD_LCS	102.0	99.20	0.0	2.78	20.0	OK
Nitrate as Nitrogen by IC	RPD_MS	127.2	104.0	0.0	20.07	20.0	Alarm

File ID: 050908AN RUN - LOG

Sample ID	Date	Time	Dil
autocal1	04/22/08	10:45	1
autocal2	04/22/08	10:58	1
autocal3	04/22/08	11:12	1
autocal4	04/22/08	11:26	1
autocal5	04/22/08	11:39	1
autocal6	04/22/08	11:53	1
autocal7	04/22/08	12:06	1
autocal8	04/22/08	12:20	1
autocal9	04/22/08	12:34	1
autocal10	04/22/08	12:47	1
autocal11	04/22/08	13:01	1
20 PPM	05/09/08	08:32	1
HCV2	05/09/08	08:46	1
HCV1	05/09/08	08:59	1
MCV	05/09/08	09:13	1
CCB	05/09/08	09:27	1
LOWRL	05/09/08	09:40	1
MRL	05/09/08	09:54	1
MBLK	05/09/08	10:07	1
LCS	05/09/08	10:21	1
LCSD	05/09/08	10:35	1
2804160345_1/2	05/09/08	10:48	2
2804230088_1/2	05/09/08	11:02	2
Universal WW STANDARD	05/09/08	11:16	1
Universal WW STANDARD_1/2	05/09/08	11:29	2
2804300481_1/2	05/09/08	11:43	2
2805090256_1/5	05/09/08	13:43	5
2805090255_1/5	05/09/08	13:57	5
2805090257_1/5	05/09/08	14:10	5
2805090258_1/5	05/09/08	14:24	5
2805090232	05/09/08	14:37	10
2805090232MS	05/09/08	14:51	10
2805090232MSD	05/09/08	15:05	10
MCV	05/09/08	15:18	1
CCB	05/09/08	15:32	1
2805090137_1/50	05/09/08	15:46	50
2805090058	05/09/08	15:59	1
2805080224	05/09/08	16:19	2
2805080227	05/09/08	16:32	2
2804280081_1/2	05/09/08	16:46	2
2804280080_1/2	05/09/08	17:00	2
2804280079_1/2	05/09/08	17:13	2
[redacted] 031 2805080225_1/2	05/09/08	17:27	2
[redacted] 010 2805080229_1/2	05/09/08	17:41	2
2805090102	05/09/08	18:25	1
2805090102MS	05/09/08	18:39	1
HCV2	05/09/08	18:53	1
HCV1	05/09/08	19:06	1
MCV	05/09/08	19:20	1

File ID: 050908AN

NO3

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
autocal1	04/22/08	10:45	1	0	ND		
autocal2	04/22/08	10:58	1	.01363885	ND		
autocal3	04/22/08	11:12	1	.02440764	ND		
autocal4	04/22/08	11:26	1	.04725267	ND		
autocal5	04/22/08	11:39	1	.09804	0.098		
autocal6	04/22/08	11:53	1	.18959	0.19		
autocal7	04/22/08	12:06	1	.46674	0.47		
autocal8	04/22/08	12:20	1	.93993	0.94		
autocal9	04/22/08	12:34	1	2.4624	2.5		
autocal10	04/22/08	12:47	1	5.0529	5.1		
autocal11	04/22/08	13:01	1	9.9906	10		
20 PPM	05/09/08	08:32	1	20.611	21		
HCV2	05/09/08	08:46	1	8.4262	8.43	90-110	105%
HCV1	05/09/08	08:59	1	5.2277	5.23	90-110	104%
MCV	05/09/08	09:13	1	1.9857	1.99	90-110	99.2%
CCB	05/09/08	09:27	1	0	ND		
LOWRL	05/09/08	09:40	1	.01592	ND	127%	
MRL	05/09/08	09:54	1	.05101104	.05	50-150	102%
MBLK	05/09/08	10:07	1	0	ND		
LCS	05/09/08	10:21	1	2.5455	2.55	90-110	101%
LCSD	05/09/08	10:35	1	2.4844	2.48	90-110	99.3%
2804160345_1/2	05/09/08	10:48	2	.75717	0.76		
2804230088_1/2	05/09/08	11:02	2	6.8406	6.8		
Universal WW STANDARD	05/09/08	11:16	1	3.0894	3.1		
Universal WW STANDARD_1/2	05/09/08	11:29	2	3.0540	3.1		
2804300481_1/2	05/09/08	11:43	2	.78240	0.78		
2805090256_1/5	05/09/08	13:43	5	7.5873	7.6		
2805090255_1/5	05/09/08	13:57	5	8.2872	8.3		
2805090257_1/5	05/09/08	14:10	5	6.7794	6.8		
2805090258_1/5	05/09/08	14:24	5	8.9275	8.9		
2805090232	05/09/08	14:37	10	~~29.691~~ 2.593 ~~40~~ 2.5		1.592	
2805090232MS	05/09/08	14:51	10	~~37.642~~ 18.491 ~~37.6~~ 18.5		~~15.9~~	
2805090232MSD	05/09/08	15:05	10	~~38.240~~ 15.5 ~~38.2~~ 15.6		[~~-2.049~~ ~~16.9~~ Q	127%
2805090232T	05/09/08	15:05	10		12.50	[~~-1.450~~ ~~11.6~~ Q	104%
MCV	05/09/08	15:18	1	1.9833	1.98	80 ~~12.99~~ 112.99	
CCB	05/09/08	15:32	1	0	ND	90-110	99.1%
2805090137_1/50	05/09/08	15:46	50	~~0 55.189~~	~~ND~~ 55		
2805090058	05/09/08	15:59	1	.02203495	ND		
2805080224	05/09/08	16:19	2	4.7794	4.8		
2805080227	05/09/08	16:32	2	10.718	11		
2804280081_1/2	05/09/08	16:46	2	.66672	0.67		

File ID: 050908AN NO3

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
2804280080_1/2	05/09/08	17:00	2	.73822	0.74		
2804280079_1/2	05/09/08	17:13	2	.69876	0.70		
~~ALHAMBRA -031~~	05/09/08	17:27	2	7.0754	7.1		
~~ALHAMBRA -010~~	05/09/08	17:41	2	4.1817	4.2		+V=1.25
2805090102	05/09/08	18:25	1	4.2918	4.3		
2805090102MS	05/09/08	18:39	1	5.6560	5.66	[1.364]	109%
HCV2	05/09/08	18:53	1	8.4295	8.43	90-110	105%
HCV1	05/09/08	19:06	1	5.2104	5.21	90-110	104%
MCV	05/09/08	19:20	1	1.9767	1.98	90-110	98.8%
CCB	05/09/08	19:33	1	0	ND		
LOWRL	05/09/08	19:47	1	1.5360	1.5	bad injection	
MRL	05/09/08	20:01	1	.05049261	.05	50-150	100%
MBLK	05/09/08	20:14	1	0	ND		
LCS	05/09/08	20:28	1	2.4887	2.49	90-110	99.5%
LCSD	05/09/08	20:42	1	2.5521	2.55	90-110	102%
2805090077	05/09/08	20:55	1	.23962	0.24		
2805090078	05/09/08	21:09	1	0	ND		
2805090100_1/2	05/09/08	21:23	2	10.702	11		
2805090101	05/09/08	21:36	1	6.3933	6.4		
2805090170_1/2	05/09/08	21:50	2	1.6498	1.6		
2805090185_1/25	05/09/08	22:03	25	11.593	12		+V=1.25
2805090181_1/25	05/09/08	22:17	25	26.505	27		
2805090189	05/09/08	22:31	1	0	ND		132804
2805090186	05/09/08	22:44	1	0	ND		
2805090184	05/09/08	22:58	25	10.191	10		
2805090184MS	05/09/08	23:12	25	43.392	43.4	~~[33.201]~~	106%
2805090184MSD	05/09/08	23:25	25	43.349	43.3	~~[33.158]~~	106%
2805090184T	05/09/08	23:25	25		31.25	80 - 112	
MCV *	05/09/08	23:39	1	1.9765	1.98	90-110	98.8%
2805090093_1/2	05/09/08	23:52	2	0	ND		1.3632
2805090408_1/2	05/10/08	00:06	2	8.7476	8.7		
2805080422_1/5	05/10/08	00:20	5	.43610	0.44		
2805080423_1/5	05/10/08	00:33	5	.24968	ND		1.333
2805080424	05/10/08	00:47	5	.41892	0.42		
2805080424MS	05/10/08	01:01	5	7.0735	7.07	[~~6.655~~]	106%
HCV2	05/10/08	01:14	1	8.4421	8.44	90-110	105%
HCV1	05/10/08	01:28	1	5.2940	5.29	90-110	105%
CCB	05/10/08	01:41	1	0	ND		
CCB	05/10/08	01:55	1	0	ND		
			0	N/A	ND		

*no CCB per method requirement

No.,	Sample Name,	Time,	Dil.Fac.,	Amount, CL, ECD_1,	Amount, NO2-N, ECD_1,	Amount, NO3, ECD_1,	Amount , SO4, ECD_1,
1,	autocal1,	04/22/08 10:45,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
2,	autocal2,	04/22/08 10:58,	1.0,	0.135903175,	0.01749693,	0.0136388,	0.27789448,
3,	autocal3,	04/22/08 11:12,	1.0,	0.222189126,	0.029054992,	0.0244076,	0.48577053,
4,	autocal4,	04/22/08 11:26,	1.0,	0.428849367,	0.05398738,	0.0472527,	0.9696333,
5,	autocal5,	04/22/08 11:39,	1.0,	0.879885782,	0.100156127,	0.0980407,	1.96853245,
6,	autocal6,	04/22/08 11:53,	1.0,	1.743972689,	0.194851651,	0.189591,	3.91631993,
7,	autocal7,	04/22/08 12:06,	1.0,	4.438576219,	0.470287935,	0.4667434,	9.63911033,
8,	autocal8,	04/22/08 12:20,	1.0,	9.390519432,	0.971026128,	0.9399379,	19.4349374,
9,	autocal9,	04/22/08 12:34,	1.0,	25.54353159,	2.510691455,	2.462489,	50.4382868,
10,	autocal10,	04/22/08 12:47,	1.0,	49.90966259,	5.007126883,	5.0529346,	99.9280025,
11,	autocal11,	04/22/08 13:01,	1.0,	88.07884298,	9.998145527,	9.9906032,	181.816738,
12,	20 PPM,	05/09/08 08:32,	1.0,	155.383889,	n.a.,	20.611157,	335.122713,
13,	HCV2,	05/09/08 08:46,	1.0,	76.71885901,	8.506978865,	8.4262503,	157.830051,
14,	HCV1,	05/09/08 08:59,	1.0,	51.37294921,	5.32080945,	5.2277875,	103.36879,
15,	MCV,	05/09/08 09:13,	1.0,	20.50862314,	2.109605627,	1.9857393,	40.9415823,
16,	CCB,	05/09/08 09:27,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
17,	LOWRL,	05/09/08 09:40,	1.0,	0.131444308,	0.014572937,	0.0159249,	0.30681718,
18,	MRL,	05/09/08 09:54,	1.0,	0.448786274,	0.054584648,	0.051011,	1.04124446,
19,	MBLK,	05/09/08 10:07,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
20,	LCS,	05/09/08 10:21,	1.0,	26.70286306,	1.041630636,	2.5455608,	53.6631203,
21,	LCSD,	05/09/08 10:35,	1.0,	25.99868077,	1.059764024,	2.4844066,	52.2247351,
22,	2804160345_1/2,	05/09/08 10:48,	2.0,	3.348334795,	n.a.,	0.7571723,	136.820322,
23,	2804230088_1/2,	05/09/08 11:02,	2.0,	64.77893798,	0.135463306,	6.8406807,	78.611049,
24,	Universal WW STAI	05/09/08 11:16,	1.0,	110.8029781,	n.a.,	3.0894448,	0.16282357,
25,	Universal WW STAI	05/09/08 11:29,	2.0,	126.6023105,	n.a.,	3.0540407,	n.a.,
26,	2804300481_1/2,	05/09/08 11:43,	2.0,	167.890853,	n.a.,	0.7824079,	0.12386536,
27,	2805090256_1/5,	05/09/08 13:43,	5.0,	292.5409323,	n.a.,	7.5873851,	152.456196,
28,	2805090255_1/5,	05/09/08 13:57,	5.0,	217.3823761,	n.a.,	8.2872022,	73.6977864,
29,	2805090257_1/5,	05/09/08 14:10,	5.0,	214.3561078,	n.a.,	6.77942,	92.0221153,
30,	2805090258_1/5,	05/09/08 14:24,	5.0,	398.1432945,	n.a.,	8.9275535,	231.106057,
31,	2805090232,	05/09/08 14:37,	10.0,	359.5601619,	n.a.,	2.5726315,	1449.15639,
32,	2805090232MS,	05/09/08 14:51,	10.0,	492.5833877,	5.550052271,	18.490812,	1661.04956,
33,	2805090232MSD,	05/09/08 15:05,	10.0,	471.8935505,	5.557378052,	15.560498,	1630.88543,
34,	MCV,	05/09/08 15:18,	1.0,	20.51600624,	2.109586984,	1.9833401,	46.0334854,
35,	CCB,	05/09/08 15:32,	1.0,	n.a.,	n.a.,	n.a.,	0.03221014,
36,	2805090137_1/50,	05/09/08 15:46,	50.0,	2234.074596,	2.904984769,	55.188561,	1537.88636,
37,	2805090058,	05/09/08 15:59,	1.0,	0.192582208,	n.a.,	0.022035,	0.17751755,
38,	280508022~~4~~7	05/09/08 16:19,	2.0,	18.95314907,	n.a.,	4.7794754,	33.3724093,
39,	280508022~~7~~4	05/09/08 16:32,	2.0,	41.43825987,	n.a.,	10.718007,	44.0239282,
40,	2804280081_1/2,	05/09/08 16:46,	2.0,	120.6360246,	n.a.,	0.6667295,	0.09746132,
41,	2804280080_1/2,	05/09/08 17:00,	2.0,	118.1396813,	n.a.,	0.7382268,	0.08285114,
42,	2804280079_1/2,	05/09/08 17:13,	2.0,	119.8220313,	n.a.,	0.6987691,	0.0765062,
43,	2805080225_1/2,	05/09/08 17:27,	2.0,	31.17189595,	0.030228343,	7.0754676,	32.2235398,
44,	2805080229_1/2,	05/09/08 17:41,	2.0,	12.88389447,	n.a.,	4.1817196,	19.9605131,

45,	2805090102,	05/09/08 18:25,	1.0,	13.69678607,	n.a.,	4.2918948,	20.1949408,
46,	2805090102MS,	05/09/08 18:39,	1.0,	28.1002901,	0.514747232,	5.656071,	48.3194679,
47,	HCV2,	05/09/08 18:53,	1.0,	76.25810202,	8.448337908,	8.4295876,	156.859596,
48,	HCV1,	05/09/08 19:06,	1.0,	50.99026467,	5.297238163,	5.2104492,	102.796583,
49,	MCV,	05/09/08 19:20,	1.0,	20.43141044,	2.107547414,	1.9767342,	40.777133,
50,	CCB,	05/09/08 19:33,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
51,	LOWRL,	05/09/08 19:47,	1.0,	0.134799638,	0.021169958,	1.5360575,	0.05972884,
52,	MRL,	05/09/08 20:01,	1.0,	0.447929042,	0.054278902,	0.0504926,	1.04220365,
53,	MBLK,	05/09/08 20:14,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
54,	LCS,	05/09/08 20:28,	1.0,	26.14659994,	1.053741843,	2.4887817,	52.3390018,
55,	LCSD,	05/09/08 20:42,	1.0,	26.78562051,	1.036960117,	2.5521679,	53.7064265,
56,	2805090077,	05/09/08 20:55,	1.0,	5.27809434,	n.a.,	0.2396249,	29.9080528,
57,	2805090078,	05/09/08 21:09,	1.0,	5.463640169,	n.a.,	n.a.,	30.4790339,
58,	2805090100_1/2,	05/09/08 21:23,	2.0,	41.53855424,	n.a.,	10.702108,	44.0638288,
59,	2805090101,	05/09/08 21:36,	1.0,	31.46938469,	0.063185469,	6.3933198,	32.1792333,
60,	2805090170_1/2,	05/09/08 21:50,	2.0,	31.81139405,	n.a.,	1.6498134,	119.64058,
61,	2805090185_1/25,	05/09/08 22:03,	25.0,	996.8233195,	n.a.,	11.593808,	2781.45731,
62,	2805090181_1/25,	05/09/08 22:17,	25.0,	1329.802003,	n.a.,	26.505499,	3003.87411,
63,	2805090189,	05/09/08 22:31,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
64,	2805090186,	05/09/08 22:44,	1.0,	0.02602255,	n.a.,	n.a.,	0.09288425,
65,	2805090184,	05/09/08 22:58,	25.0,	959.0947201,	n.a.,	10.191387,	2999.70061,
66,	2805090184MS,	05/09/08 23:12,	25.0,	1260.369278,	13.14391247,	43.392377,	3555.38028,
67,	2805090184MSD,	05/09/08 23:25,	25.0,	1259.984279,	13.25029897,	43.349055,	3553.76863,
68,	MCV,	05/09/08 23:39,	1.0,	20.44718128,	2.104564729,	1.9765472,	40.7089622,
69,	2805090093_1/2,	05/09/08 23:52,	2.0,	95.76792084,	n.a.,	n.a.,	186.983005,
70,	2805090408_1/2,	05/10/08 00:06,	2.0,	44.52956002,	n.a.,	8.7476064,	58.5170453,
71,	2805080422_1/5,	05/10/08 00:20,	5.0,	95.97148253,	n.a.,	0.4361028,	264.600781,
72,	2805080423_1/5,	05/10/08 00:33,	5.0,	92.47379954,	n.a.,	0.2496841,	251.040326,
73,	2805080424,	05/10/08 00:47,	5.0,	93.97049143,	n.a.,	0.4189263,	259.203088,
74,	2805080424MS,	05/10/08 01:01,	5.0,	164.6755545,	2.642659276,	7.0735962,	396.276538,
75,	HCV2,	05/10/08 01:14,	1.0,	76.47406765,	8.456007562,	8.442168,	157.436452,
76,	HCV1,	05/10/08 01:28,	1.0,	51.77681724,	5.304447508,	5.2940006,	104.276061,
77,	CCB,	05/10/08 01:41,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
78,	CCB,	05/10/08 01:55,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
79,	STOP,	05/10/08 02:09,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,

lmr

Amount NO3, ECD_1,
n.a.,
0.06001094,
0.10739362,
0.20791172,
0.43137907,
0.8342003,
2.05367084,
4.13572656,
10.8349516,
22.2329123,
43.9586539,
90.6890907,
37.0755014,
23.0022649,
8.73725283,
n.a.,
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0.22444856,
n.a.,
11.2004674,
10.9313888,
3.33155825,
30.098995,
13.593557,
13.437779,
3.44259473,
33.3844943,
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29.8294478,
39.2812353,
11.3195786,
81.359574,
68.4661901,
8.7266964,
n.a.,
242.82967,
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21.0296917,
47.1592325,
2.93360986,
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18.884337,
24.8867125,
37.0901856,
22.9259765,
8.69763055,
n.a.,
6.75865282,
0.22216746,
n.a.,
10.9506395,
11.2295388,
1.05434945,
n.a.,
47.0892768,
28.1306072,
7.25917883,
51.0127544,
116.624196,
n.a.,
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44.8421044,
190.926458,
190.735843,
8.69680786,
n.a.,
38.489468,
1.91885218,
1.09860985,
1.84327588,
31.1238234,
37.1455393,
23.2936028,
n.a.,
n.a.,
n.a.,

Title: Anion by EPA 300.0
Datasource: Dionex_USPAS2SDIO2
Location: IC\IC3_DX120_Anions\2008\May
Timebase: IC3
#Samples: 79
Created: 5/9/2008 8:31:43 AM by ser
Last Update: 5/23/2008 5:29:37 PM by lmr

No.	Name	Sample ID	Dil. Factor	Type	Program
1	autocal1		1.0000	Standard	IC#3-ANION TTL2
2	autocal2	SXK080416-1	1.0000	Standard	IC#3-ANION TTL2
3	autocal3	SXK080416-2	1.0000	Standard	IC#3-ANION TTL2
4	autocal4	SXK080416-3	1.0000	Standard	IC#3-ANION TTL2
5	autocal5	SXK080416-4	1.0000	Standard	IC#3-ANION TTL2
6	autocal6	SXK080416-5	1.0000	Standard	IC#3-ANION TTL2
7	autocal7	SXK080416-6	1.0000	Standard	IC#3-ANION TTL2
8	autocal8	SXK080416-7	1.0000	Standard	IC#3-ANION TTL2
9	autocal9	SXK080416-8	1.0000	Standard	IC#3-ANION TTL2
10	autocal10	SXK080416-9	1.0000	Standard	IC#3-ANION TTL2
11	autocal11	SXK080416-10	1.0000	Standard	IC#3-ANION TTL2
12	20 PPM		1.0000	Unknown	IC#3-ANION TTL2
13	HCV2		1.0000	Unknown	IC#3-ANION TTL2
14	HCV1		1.0000	Unknown	IC#3-ANION TTL2
15	MCV		1.0000	Unknown	IC#3-ANION TTL2
16	CCB		1.0000	Unknown	IC#3-ANION TTL2
17	LOWRL		1.0000	Unknown	IC#3-ANION TTL2
18	MRL		1.0000	Unknown	IC#3-ANION TTL2
19	MBLK		1.0000	Unknown	IC#3-ANION TTL2
20	LCS		1.0000	Unknown	IC#3-ANION TTL2
21	LCSD		1.0000	Unknown	IC#3-ANION TTL2
22	2804160345_1/2	[redacted]	2.0000	Unknown	IC#3-ANION TTL2
23	2804230088_1/2	[redacted]	2.0000	Unknown	IC#3-ANION TTL2
24	Universal WW STANDARD	[redacted]	1.0000	Unknown	IC#3-ANION TTL2
25	Universal WW STANDARD_1/2	[redacted]	2.0000	Unknown	IC#3-ANION TTL2
26	2804300481_1/2		2.0000	Unknown	IC#3-ANION TTL2
27	2805090256_1/5	[redacted]	5.0000	Unknown	IC#3-ANION TTL2
28	2805090255_1/5	[redacted]	5.0000	Unknown	IC#3-ANION TTL2
29	2805090257_1/5	[redacted]	5.0000	Unknown	IC#3-ANION TTL2
30	2805090258_1/5	[redacted]	5.0000	Unknown	IC#3-ANION TTL2
31	2805090232	KMG M10	10.0000	Unknown	IC#3-ANION TTL2
32	2805090232MS	KMG M10MS	10.0000	Unknown	IC#3-ANION TTL2
33	2805090232MSD	KMG M10MSD	10.0000	Unknown	IC#3-ANION TTL2
34	MCV		1.0000	Unknown	IC#3-ANION TTL2
35	CCB		1.0000	Unknown	IC#3-ANION TTL2
36	2805090137_1/50	KMG M36_1/50	50.0000	Unknown	IC#3-ANION TTL2
37	2805090058	[redacted]	1.0000	Unknown	IC#3-ANION TTL2
38	2805080227	[redacted]	2.0000	Unknown	IC#3-ANION TTL2
39	2805080224	[redacted]	2.0000	Unknown	IC#3-ANION TTL2
40	2804280081_1/2	[redacted]	2.0000	Unknown	IC#3-ANION TTL2
41	2804280080_1/2	[redacted]	2.0000	Unknown	IC#3-ANION TTL2
42	2804280079_1/2	[redacted]	2.0000	Unknown	IC#3-ANION TTL2

Title: Anion by EPA 300.0
Datasource: Dionex_USPAS2SDIO2
Location: IC\IC3_DX120_Anions\2008\May
Timebase: IC3
#Samples: 79
Created: 5/9/2008 8:31:43 AM by ser
Last Update: 5/23/2008 5:29:37 PM by lmr

No.	Name	Method	Status	Comment	Inj. Date/Time
1	autocal1	ANION-IC#3	Finished		4/22/2008 10:45:07 AM
2	autocal2	ANION-IC#3	Finished		4/22/2008 10:58:45 AM
3	autocal3	ANION-IC#3	Finished		4/22/2008 11:12:23 AM
4	autocal4	ANION-IC#3	Finished		4/22/2008 11:26:01 AM
5	autocal5	ANION-IC#3	Finished		4/22/2008 11:39:38 AM
6	autocal6	ANION-IC#3	Finished		4/22/2008 11:53:17 AM
7	autocal7	ANION-IC#3	Finished		4/22/2008 12:06:54 PM
8	autocal8	ANION-IC#3	Finished		4/22/2008 12:20:32 PM
9	autocal9	ANION-IC#3	Finished		4/22/2008 12:34:10 PM
10	autocal10	ANION-IC#3	Finished		4/22/2008 12:47:48 PM
11	autocal11	ANION-IC#3	Finished		4/22/2008 1:01:26 PM
12	20 PPM	ANION-IC#3	Finished		5/9/2008 8:32:31 AM
13	HCV2	ANION-IC#3	Finished		5/9/2008 8:46:09 AM
14	HCV1	ANION-IC#3	Finished		5/9/2008 8:59:47 AM
15	MCV	ANION-IC#3	Finished		5/9/2008 9:13:25 AM
16	CCB	ANION-IC#3	Finished		5/9/2008 9:27:02 AM
17	LOWRL	ANION-IC#3	Finished		5/9/2008 9:40:40 AM
18	MRL	ANION-IC#3	Finished		5/9/2008 9:54:18 AM
19	MBLK	ANION-IC#3	Finished		5/9/2008 10:07:55 AM
20	LCS	ANION-IC#3	Finished		5/9/2008 10:21:33 AM
21	LCSD	ANION-IC#3	Finished		5/9/2008 10:35:11 AM
22	2804160345_1/2	ANION-IC#3	Finished	DNR	5/9/2008 10:48:49 AM
23	2804230088_1/2	ANION-IC#3	Finished	DNR	5/9/2008 11:02:27 AM
24	Universal WW STANDARD	ANION-IC#3	Finished	DNR	5/9/2008 11:16:05 AM
25	Universal WW STANDARD_1/2	ANION-IC#3	Finished		5/9/2008 11:29:43 AM
26	2804300481_1/2	ANION-IC#3	Finished	DNR	5/9/2008 11:43:21 AM
27	2805090256_1/5	ANION-IC#3	Finished	DNR CL	5/9/2008 1:43:24 PM
28	2805090255_1/5	ANION-IC#3	Finished		5/9/2008 1:57:02 PM
29	2805090257_1/5	ANION-IC#3	Finished		5/9/2008 2:10:39 PM
30	2805090258_1/5	ANION-IC#3	Finished	DNR CL	5/9/2008 2:24:17 PM
31	2805090232	ANION-IC#3	Finished	DNR SO4	5/9/2008 2:37:55 PM
32	2805090232MS	ANION-IC#3	Finished		5/9/2008 2:51:33 PM
33	2805090232MSD	ANION-IC#3	Finished		5/9/2008 3:05:10 PM
34	MCV	ANION-IC#3	Finished		5/9/2008 3:18:48 PM
35	CCB	ANION-IC#3	Finished		5/9/2008 3:32:26 PM
36	2805090137_1/50	ANION-IC#3	Finished	DNR SO4	5/9/2008 3:46:04 PM
37	2805090058	ANION-IC#3	Finished	DNR SO4	5/9/2008 3:59:41 PM
38	2805080227	ANION-IC#3	Finished	DNR SO4	5/9/2008 4:19:19 PM
39	2805080224	ANION-IC#3	Finished	DNR SO4	5/9/2008 4:32:57 PM
40	2804280081_1/2	ANION-IC#3	Finished	DNR	5/9/2008 4:46:35 PM
41	2804280080_1/2	ANION-IC#3	Finished	DNR	5/9/2008 5:00:13 PM
42	2804280079_1/2	ANION-IC#3	Finished	DNR	5/9/2008 5:13:51 PM

Title: Anion by EPA 300.0
Datasource: Dionex_USPAS2SDIO2
Location: IC\IC3_DX120_Anions\2008\May
Timebase: IC3
#Samples: 79
Created: 5/9/2008 8:31:43 AM by ser
Last Update: 5/23/2008 5:29:37 PM by lmr

No.	Name	*Analyst
1	autocal1	sxk/lmr
2	autocal2	sxk/lmr
3	autocal3	sxk/lmr
4	autocal4	sxk/lmr
5	autocal5	sxk/lmr
6	autocal6	sxk/lmr
7	autocal7	sxk/lmr
8	autocal8	sxk/lmr
9	autocal9	sxk/lmr
10	autocal10	sxk/lmr
11	autocal11	sxk/lmr
12	20 PPM	sxk/lmr
13	HCV2	sxk/lmr
14	HCV1	sxk/lmr
15	MCV	sxk/lmr
16	CCB	sxk/lmr
17	LOWRL	sxk/lmr
18	MRL	sxk/lmr
19	MBLK	sxk/lmr
20	LCS	sxk/lmr
21	LCSD	sxk/lmr
22	2804160345_1/2	sxk/lmr
23	2804230088_1/2	sxk/lmr
24	Universal WW STANDARD	sxk/lmr
25	Universal WW STANDARD_1/2	sxk/lmr
26	2804300481_1/2	sxk/lmr
27	2805090256_1/5	sxk/lmr
28	2805090255_1/5	sxk/lmr
29	2805090257_1/5	sxk/lmr
30	2805090258_1/5	sxk/lmr
31	2805090232	sxk/lmr
32	2805090232MS	sxk/lmr
33	2805090232MSD	sxk/lmr
34	MCV	sxk/lmr
35	CCB	sxk/lmr
36	2805090137_1/50	sxk/lmr
37	2805090058	sxk/lmr
38	2805080227	sxk/lmr
39	2805080224	sxk/lmr
40	2804280081_1/2	sxk/lmr
41	2804280080_1/2	sxk/lmr
42	2804280079_1/2	sxk/lmr

Title: Anion by EPA 300.0
Datasource: Dionex_USPAS2SDIO2
Location: IC\IC3_DX120_Anions\2008\May
Timebase: IC3
#Samples: 79
Created: 5/9/2008 8:31:43 AM by ser
Last Update: 5/23/2008 5:29:37 PM by lmr

No.	Name	Sample ID	Dil. Factor	Type	Program
43	2805080225_1/2	[redacted]	2.0000	Unknown	IC#3-ANION TTL2
44	2805080229_1/2	[redacted]	2.0000	Unknown	IC#3-ANION TTL2
45	2805090102	[redacted]	1.0000	Unknown	IC#3-ANION TTL2
46	2805090102MS	[redacted]	1.0000	Unknown	IC#3-ANION TTL2
47	HCV2		1.0000	Unknown	IC#3-ANION TTL2
48	HCV1		1.0000	Unknown	IC#3-ANION TTL2
49	MCV		1.0000	Unknown	IC#3-ANION TTL2
50	CCB		1.0000	Unknown	IC#3-ANION TTL2
51	LOWRL		1.0000	Unknown	IC#3-ANION TTL2
52	MRL		1.0000	Unknown	IC#3-ANION TTL2
53	MBLK		1.0000	Unknown	IC#3-ANION TTL2
54	LCS		1.0000	Unknown	IC#3-ANION TTL2
55	LCSD		1.0000	Unknown	IC#3-ANION TTL2
56	2805090077	[redacted]	1.0000	Unknown	IC#3-ANION TTL2
57	2805090078	[redacted]	1.0000	Unknown	IC#3-ANION TTL2
58	2805090100_1/2	[redacted]	2.0000	Unknown	IC#3-ANION TTL2
59	2805090101	[redacted]	1.0000	Unknown	IC#3-ANION TTL2
60	2805090170_1/2	[redacted]	2.0000	Unknown	IC#3-ANION TTL2
61	2805090185_1/25	KMG NV PC-2D TRONOX	25.0000	Unknown	IC#3-ANION TTL2
62	2805090181_1/25	KMG NV PC-4 TRONOX	25.0000	Unknown	IC#3-ANION TTL2
63	2805090189	KMG FB050808 TRONOX	1.0000	Unknown	IC#3-ANION TTL2
64	2805090186	KMG EB050808 TRONOX	1.0000	Unknown	IC#3-ANION TTL2
65	2805090184	KMG PC-2 TRONOX_1/25	25.0000	Unknown	IC#3-ANION TTL2
66	2805090184MS	KMG PC-2 TRONOX_1/25	25.0000	Unknown	IC#3-ANION TTL2
67	2805090184MSD	KMG PC-2 TRONOX_1/25	25.0000	Unknown	IC#3-ANION TTL2
68	MCV		1.0000	Unknown	IC#3-ANION TTL2
69	2805090093_1/2	[redacted]	2.0000	Unknown	IC#3-ANION TTL2
70	2805090408_1/2	[redacted]	2.0000	Unknown	IC#3-ANION TTL2
71	2805080422_1/5	[redacted]	5.0000	Unknown	IC#3-ANION TTL2
72	2805080423_1/5	[redacted]	5.0000	Unknown	IC#3-ANION TTL2
73	2805080424	[redacted]	5.0000	Unknown	IC#3-ANION TTL2
74	2805080424MS	[redacted]	5.0000	Unknown	IC#3-ANION TTL2
75	HCV2		1.0000	Unknown	IC#3-ANION TTL2
76	HCV1		1.0000	Unknown	IC#3-ANION TTL2
77	CCB		1.0000	Unknown	IC#3-ANION TTL2
78	CCB		1.0000	Unknown	IC#3-ANION TTL2
79	STOP		1.0000	Unknown	STOP JAN03

Title: Anion by EPA 300.0
Datasource: Dionex_USPAS2SDIO2
Location: IC\IC3_DX120_Anions\2008\May
Timebase: IC3
#Samples: 79
Created: 5/9/2008 8:31:43 AM by ser
Last Update: 5/23/2008 5:29:37 PM by lmr

No.	Name	Method	Status	Comment	Inj. Date/Time
43	2805080225_1/2	ANION-IC#3	Finished	DNR	5/9/2008 5:27:29 PM
44	2805080229_1/2	ANION-IC#3	Finished	DNR	5/9/2008 5:41:07 PM
45	2805090102	ANION-IC#3	Finished	DNR SO4	5/9/2008 6:25:49 PM
46	2805090102MS	ANION-IC#3	Finished		5/9/2008 6:39:26 PM
47	HCV2	ANION-IC#3	Finished		5/9/2008 6:53:05 PM
48	HCV1	ANION-IC#3	Finished		5/9/2008 7:06:42 PM
49	MCV	ANION-IC#3	Finished		5/9/2008 7:20:20 PM
50	CCB	ANION-IC#3	Finished		5/9/2008 7:33:58 PM
51	LOWRL	ANION-IC#3	Finished		5/9/2008 7:47:36 PM
52	MRL	ANION-IC#3	Finished		5/9/2008 8:01:13 PM
53	MBLK	ANION-IC#3	Finished		5/9/2008 8:14:51 PM
54	LCS	ANION-IC#3	Finished		5/9/2008 8:28:28 PM
55	LCSD	ANION-IC#3	Finished		5/9/2008 8:42:07 PM
56	2805090077	ANION-IC#3	Finished	H3	5/9/2008 8:55:44 PM
57	2805090078	ANION-IC#3	Finished	H3	5/9/2008 9:09:22 PM
58	2805090100_1/2	ANION-IC#3	Finished		5/9/2008 9:23:00 PM
59	2805090101	ANION-IC#3	Finished		5/9/2008 9:36:38 PM
60	2805090170_1/2	ANION-IC#3	Finished		5/9/2008 9:50:16 PM
61	2805090185_1/25	ANION-IC#3	Finished	DNR SO4	5/9/2008 10:03:53 PM
62	2805090181_1/25	ANION-IC#3	Finished	DNR CL SO4	5/9/2008 10:17:31 PM
63	2805090189	ANION-IC#3	Finished		5/9/2008 10:31:09 PM
64	2805090186	ANION-IC#3	Finished		5/9/2008 10:44:47 PM
65	2805090184	ANION-IC#3	Finished	DNR SO4	5/9/2008 10:58:25 PM
66	2805090184MS	ANION-IC#3	Finished		5/9/2008 11:12:03 PM
67	2805090184MSD	ANION-IC#3	Finished		5/9/2008 11:25:41 PM
68	MCV	ANION-IC#3	Finished	forgot to put CCB.	5/9/2008 11:39:18 PM
69	2805090093_1/2	ANION-IC#3	Finished	H3	5/9/2008 11:52:56 PM
70	2805090408_1/2	ANION-IC#3	Finished	Reran all on 5/10	5/10/2008 12:06:34 AM
71	2805080422_1/5	ANION-IC#3	Finished	for verification.	5/10/2008 12:20:12 AM
72	2805080423_1/5	ANION-IC#3	Finished		5/10/2008 12:33:49 AM
73	2805080424	ANION-IC#3	Finished		5/10/2008 12:47:28 AM
74	2805080424MS	ANION-IC#3	Finished		5/10/2008 1:01:06 AM
75	HCV2	ANION-IC#3	Finished		5/10/2008 1:14:43 AM
76	HCV1	ANION-IC#3	Finished		5/10/2008 1:28:21 AM
77	CCB	ANION-IC#3	Finished		5/10/2008 1:41:59 AM
78	CCB	ANION-IC#3	Finished		5/10/2008 1:55:37 AM
79	STOP	ANION-IC#3	Finished		5/10/2008 2:09:14 AM

Title: Anion by EPA 300.0
Datasource: Dionex_USPAS2SDIO2
Location: IC\IC3_DX120_Anions\2008\May
Timebase: IC3
#Samples: 79
Created: 5/9/2008 8:31:43 AM by ser
Last Update: 5/23/2008 5:29:37 PM by lmr

No.	Name	*Analyst
43	2805080225_1/2	sxk/lmr
44	2805080229_1/2	sxk/lmr
45	2805090102	sxk/lmr
46	2805090102MS	sxk/lmr
47	HCV2	sxk/lmr
48	HCV1	sxk/lmr
49	MCV	sxk/lmr
50	CCB	sxk/lmr
51	LOWRL	sxk/lmr
52	MRL	sxk/lmr
53	MBLK	sxk/lmr
54	LCS	sxk/lmr
55	LCSD	sxk/lmr
56	2805090077	sxk/lmr
57	2805090078	sxk/lmr
58	2805090100_1/2	sxk/lmr
59	2805090101	sxk/lmr
60	2805090170_1/2	sxk/lmr
61	2805090185_1/25	sxk/lmr
62	2805090181_1/25	sxk/lmr
63	2805090189	sxk/lmr
64	2805090186	sxk/lmr
65	2805090184	sxk/lmr
66	2805090184MS	sxk/lmr
67	2805090184MSD	sxk/lmr
68	MCV	sxk/lmr
69	2805090093_1/2	sxk/lmr
70	2805090408_1/2	sxk/lmr
71	2805080422_1/5	sxk/lmr
72	2805080423_1/5	sxk/lmr
73	2805080424	sxk/lmr
74	2805080424MS	sxk/lmr
75	HCV2	sxk/lmr
76	HCV1	sxk/lmr
77	CCB	sxk/lmr
78	CCB	sxk/lmr
79	STOP	sxk/lmr

BATCH NUMBER for 050908AN

Test Parameter:

CL NO2-N NO3 SO4 NO3A

Batch ID: 2805090232

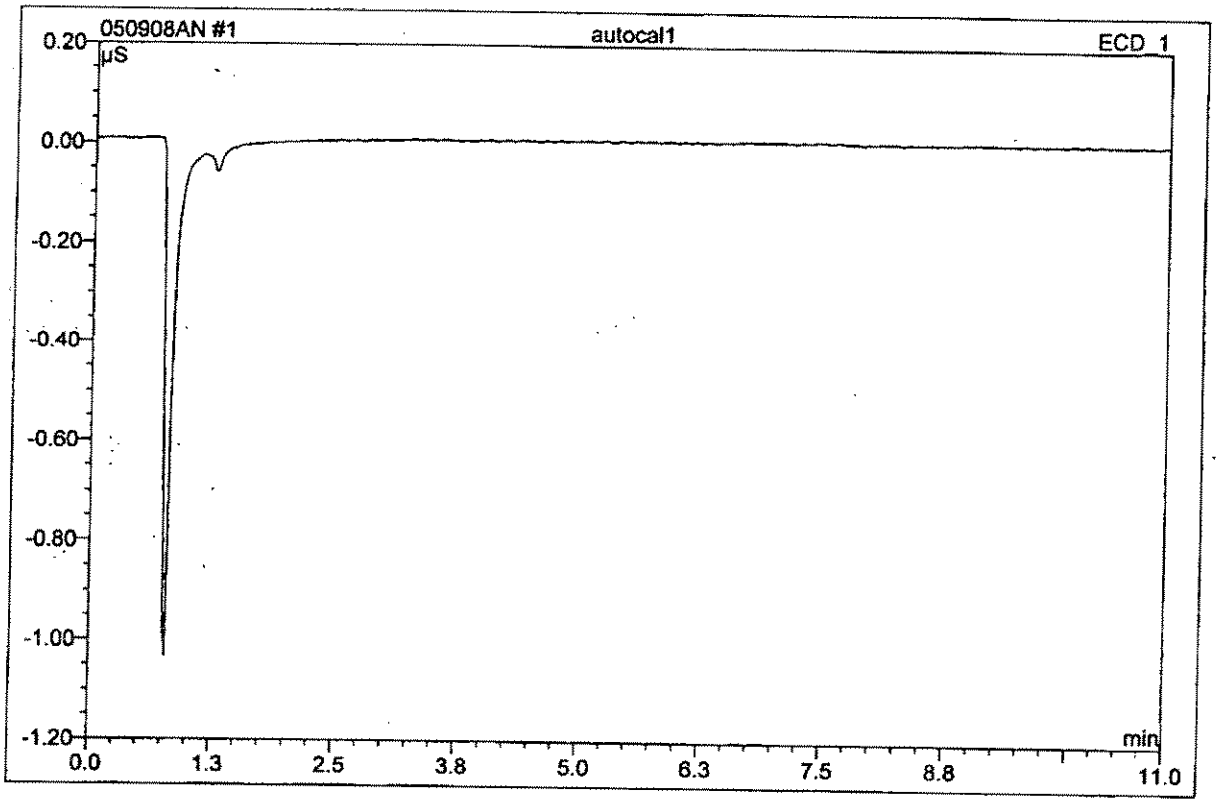
2804160345_1/2	2804230088_1/2	2804300481_1/2
2805090256_1/5	2805090255_1/5	2805090257_1/5
2805090258_1/5	2805090232	2805090137_1/50
2805090058	2805080224	2805080227
2804280081_1/2	2804280080_1/2	2804280079_1/2
2805090102		

Batch ID: 2805090184

2805090077	2805090078	2805090100_1/2
2805090101	2805090170_1/2	2805090185_1/25
2805090181_1/25	2805090189	2805090186
2805090184	2805090093_1/2	2805090408_1/2
2805080422_1/5	2805080423_1/5	2805080424

1 autocal1

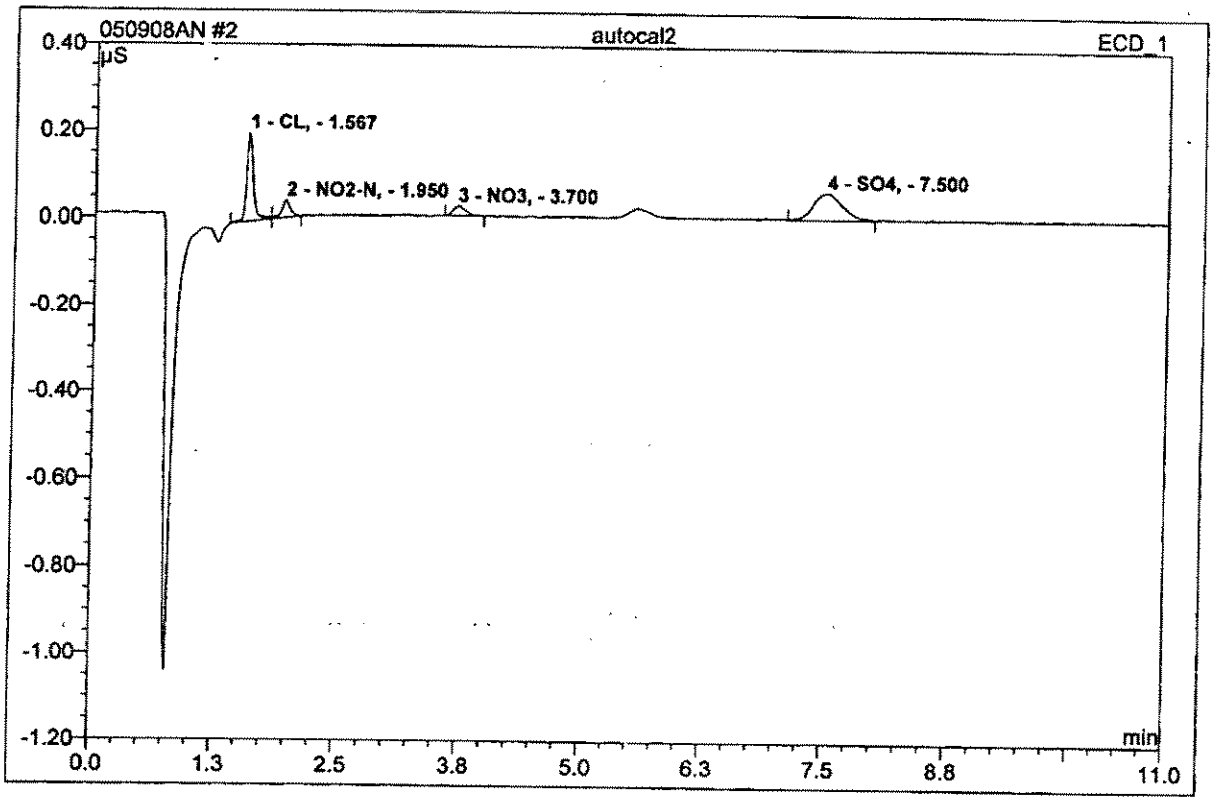
Sample Name:	**autocal1**	*Injection Volume:*	**1000.0**
Vial Number:	**119**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**4/22/2008 10:45**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

2 autocal2

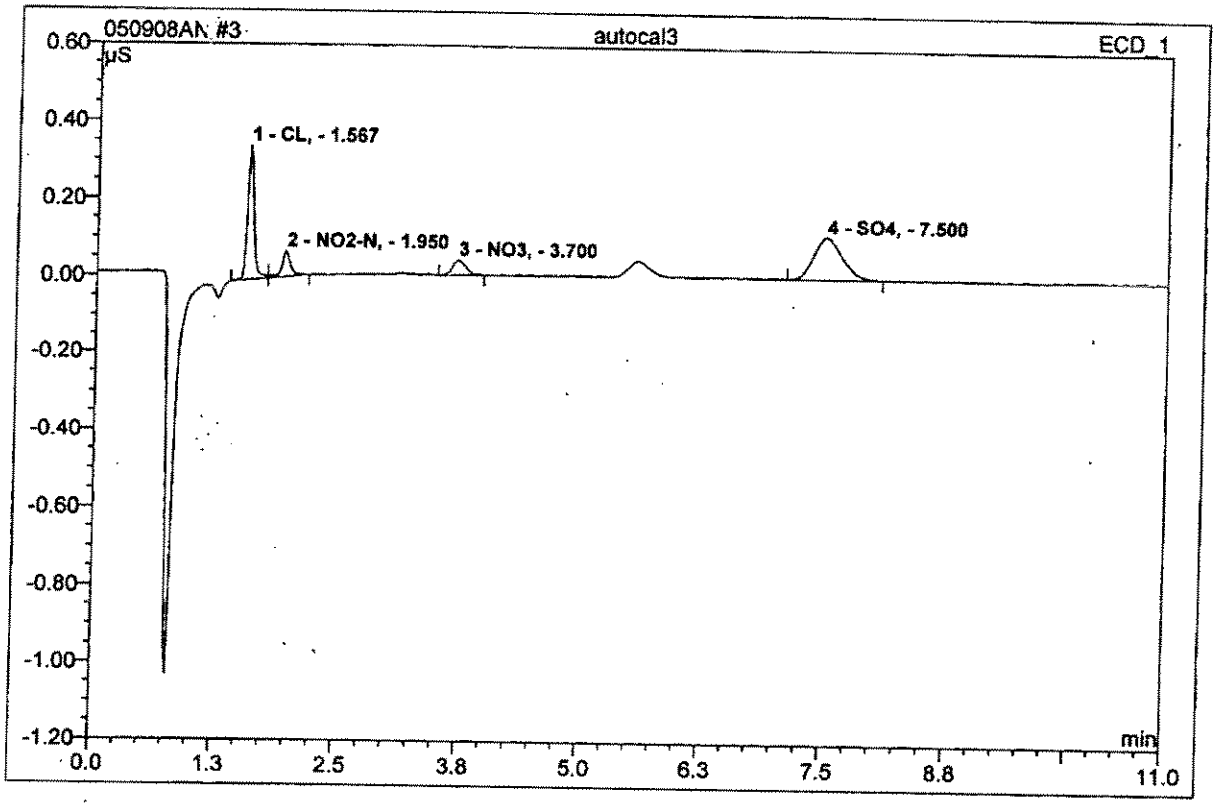
Sample Name:	**autocal2**	*Injection Volume:*	**1000.0**
Vial Number:	**120**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**4/22/2008 10:58**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.57	CL,	0.204	0.016	36.04	0.136	BM
2	1.95	NO2-N,	0.040	0.004	9.24	0.017	MB
3	3.70	NO3,	0.023	0.003	7.86	0.014	BMB
4	7.50	SO4,	0.060	0.021	46.86	0.278	BMB
Total:			0.327	0.044	100.00	0.445	

3 autocal3

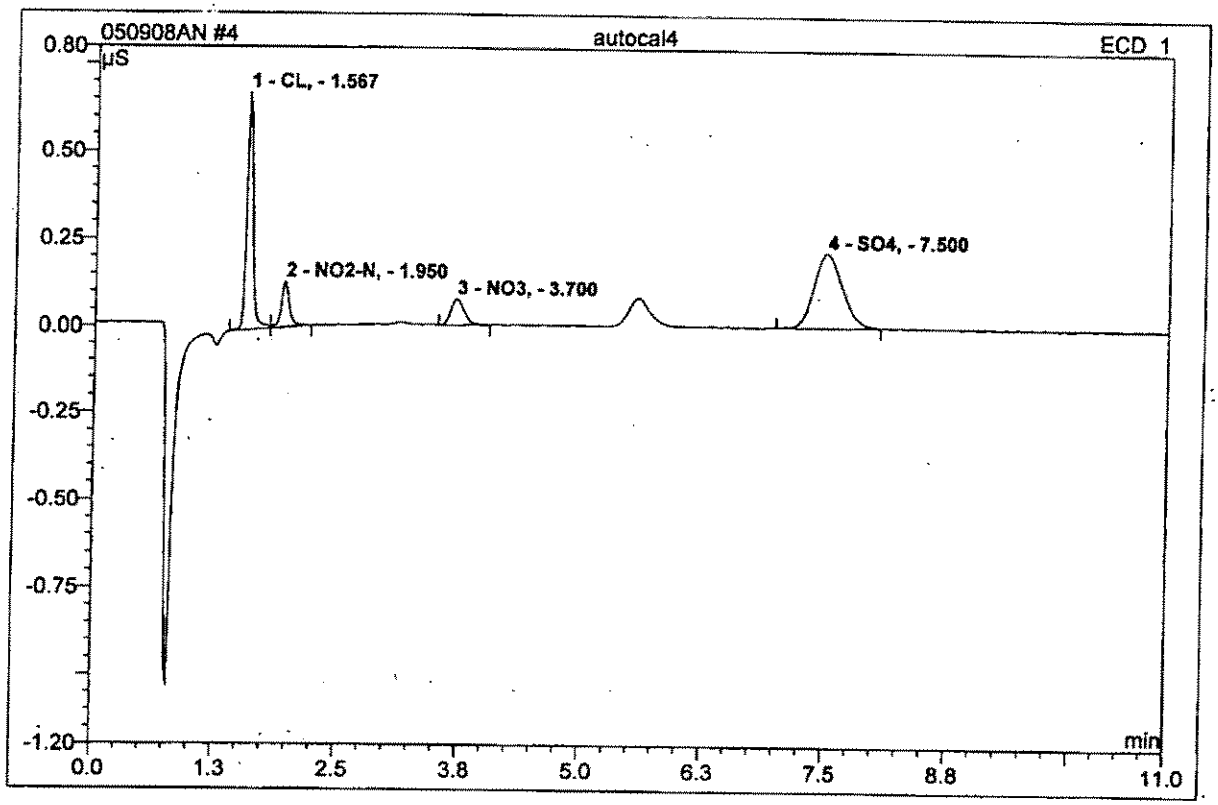
Sample Name:	**autocal3**	*Injection Volume:*	**1000.0**
Vial Number:	**121**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**4/22/2008 11:12**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.57	CL,	0.346	0.026	34.61	0.222	BM
2	1.95	NO2-N,	0.065	0.007	9.01	0.029	MB
3	3.70	NO3,	0.039	0.006	8.26	0.024	BMB
4	7.50	SO4,	0.108	0.036	48.12	0.486	BMB
Total:			0.558	0.075	100.00	0.761	

4 autocal4

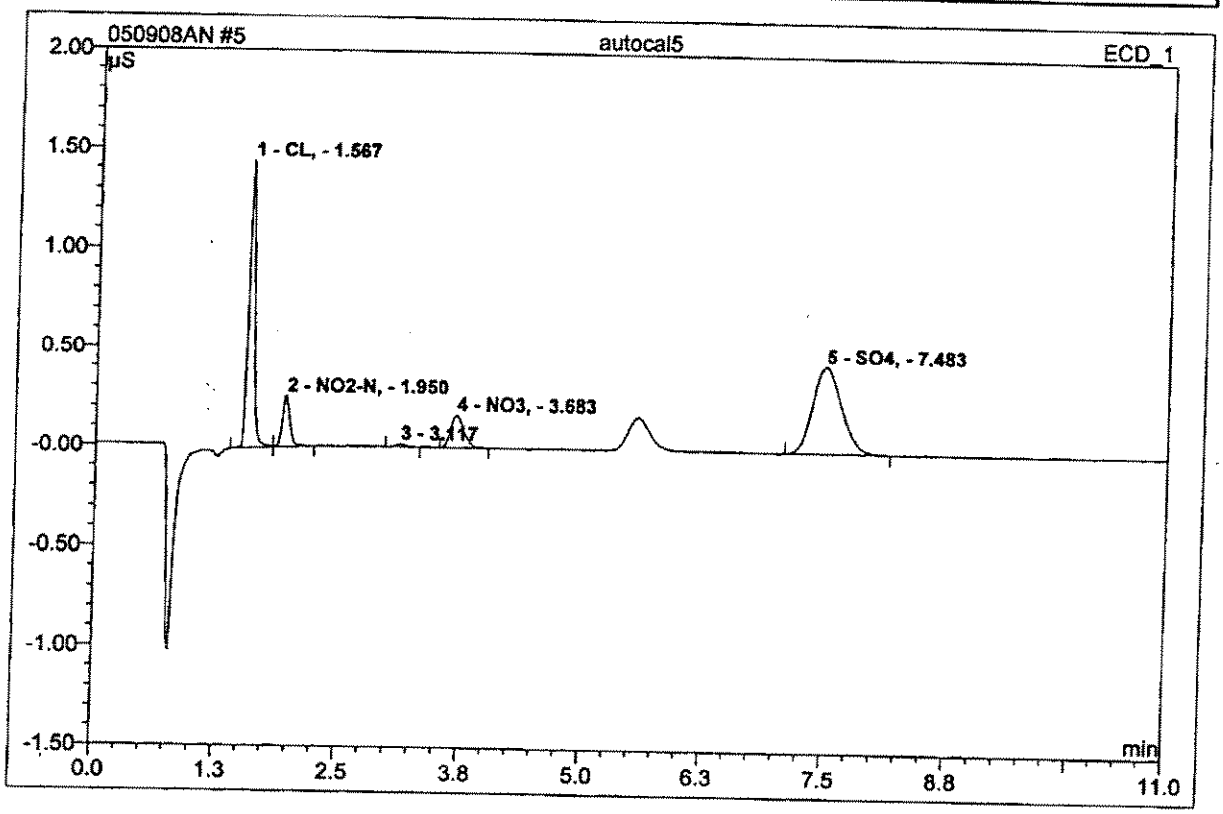
Sample Name:	**autocal4**	*Injection Volume:*	**1000.0**
Vial Number:	**122**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**4/22/2008 11:26**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.57	CL,	0.678	0.050	34.16	0.429	BM
2	1.95	NO2-N,	0.131	0.013	8.55	0.054	MB
3	3.70	NO3,	0.075	0.012	8.17	0.047	BMB
4	7.50	SO4,	0.213	0.073	49.12	0.970	BMB
Total:			1.097	0.148	100.00	1.500	

5 autocal5

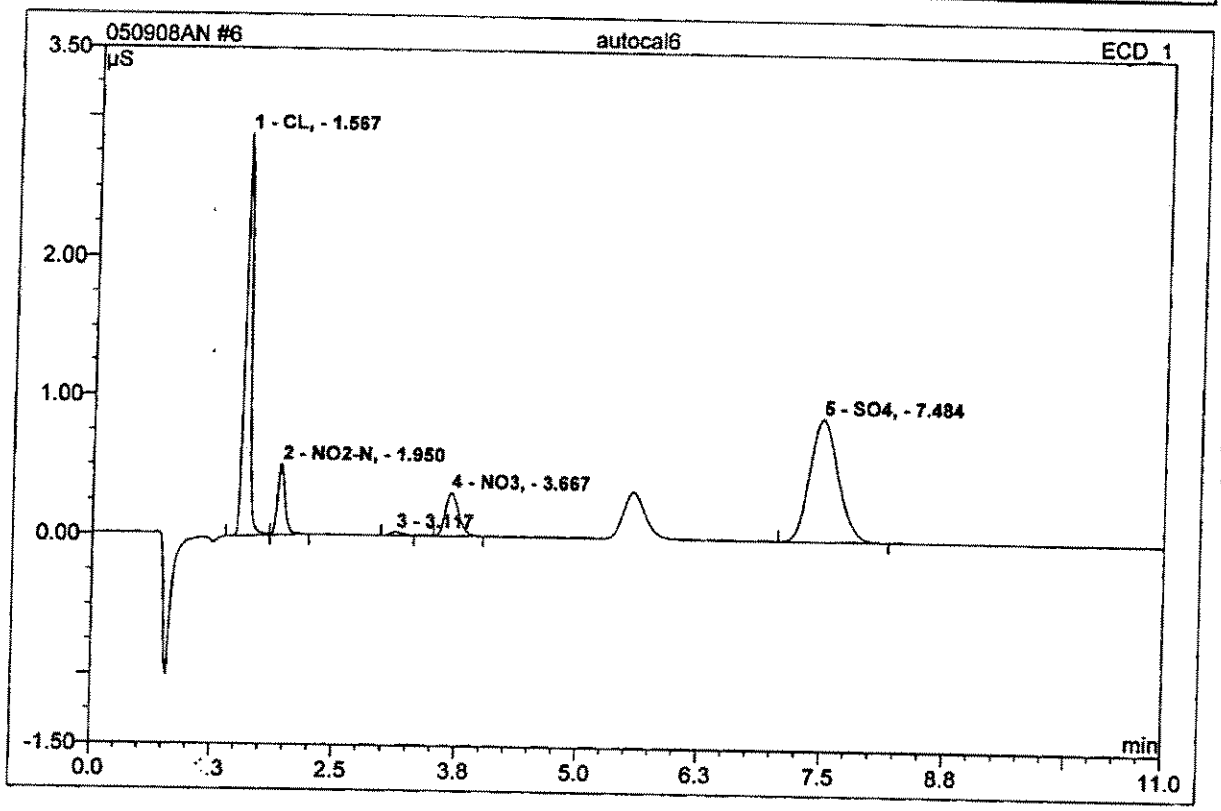
Sample Name:	**autocal5**	*Injection Volume:*	**1000.0**
Vial Number:	**123**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**4/22/2008 11:39**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.57	CL,	1.449	0.104	34.40	0.880	BM
2	1.95	NO2-N,	0.253	0.023	7.77	0.100	MB
4	3.68	NO3,	0.161	0.025	8.30	0.098	BMB
5	7.48	SO4,	0.440	0.148	48.94	1.969	BMB
Total:			2.303	0.300	99.42	3.047	

6 autocal6

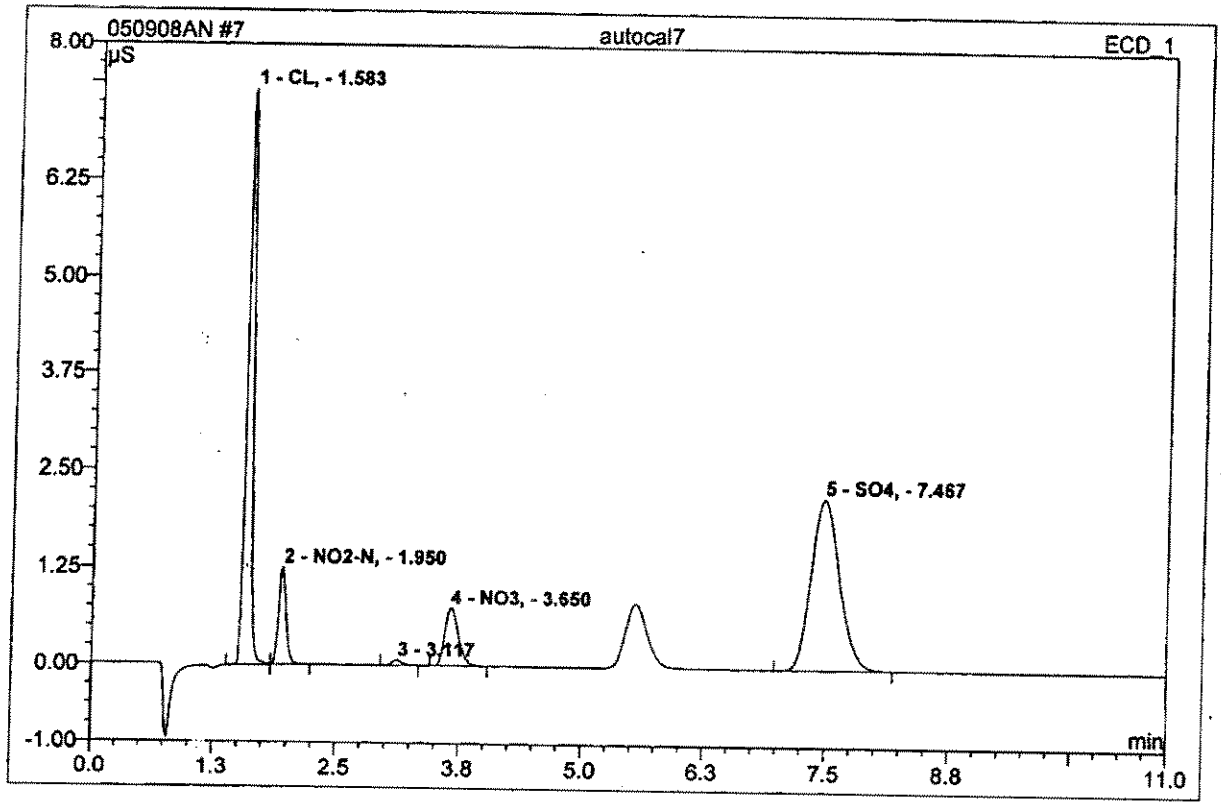
Sample Name:	**autocal6**	*Injection Volume:*	**1000.0**
Vial Number:	**124**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**4/22/2008 11:53**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.57	CL,	2.889	0.207	34.48	1.744	BM
2	1.95	NO2-N,	0.505	0.046	7.62	0.195	MB
4	3.67	NO3,	0.308	0.049	8.09	0.190	BMB
5	7.48	SO4,	0.882	0.295	49.25	3.916	BMB
Total:			4.584	0.596	99.44	6.045	

7 autocal7

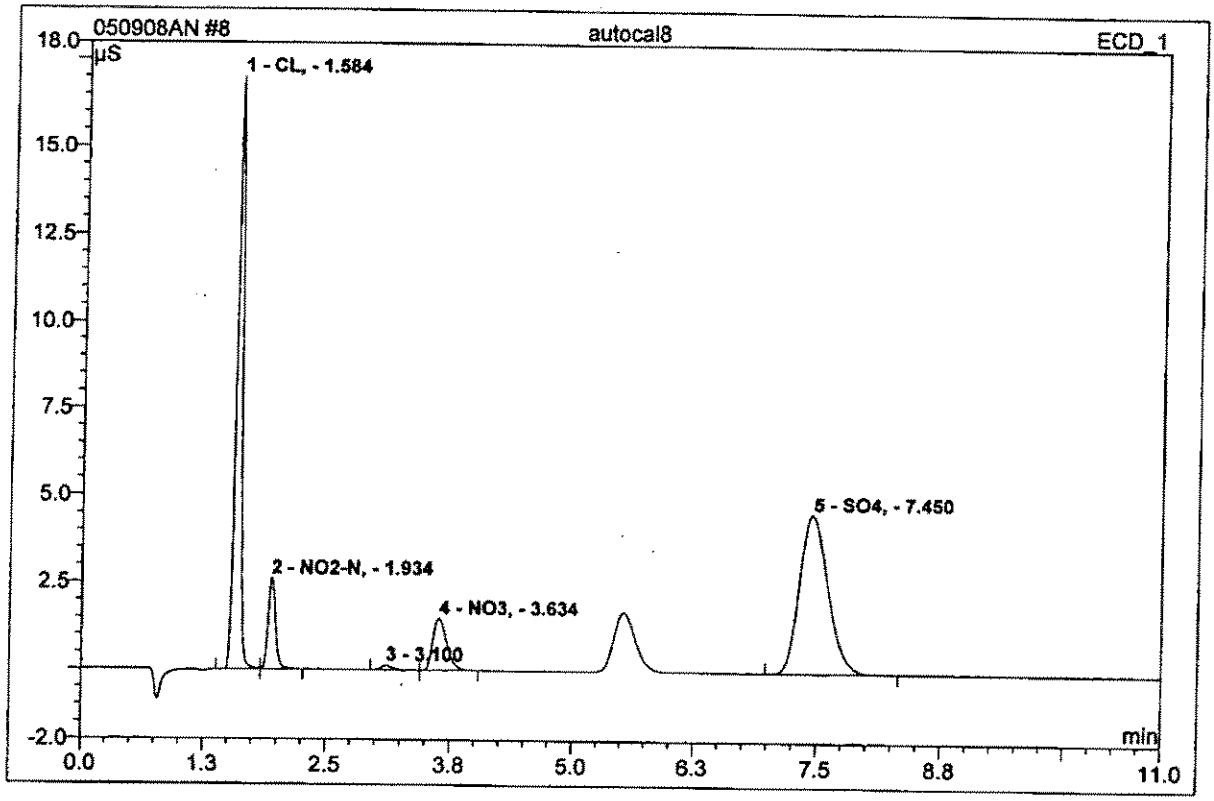
Sample Name:	**autocal7**	*Injection Volume:*	**1000.0**
Vial Number:	**125**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**4/22/2008 12:06**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.58	CL,	7.424	0.534	35.35	4.439	BM
2	1.95	NO2-N,	1.253	0.111	7.33	0.470	MB
4	3.65	NO3,	0.744	0.120	7.93	0.467	BMB
5	7.47	SO4,	2.202	0.738	48.82	9.639	BMB
Total:			11.624	1.503	99.43	15.015	

8 autocal8

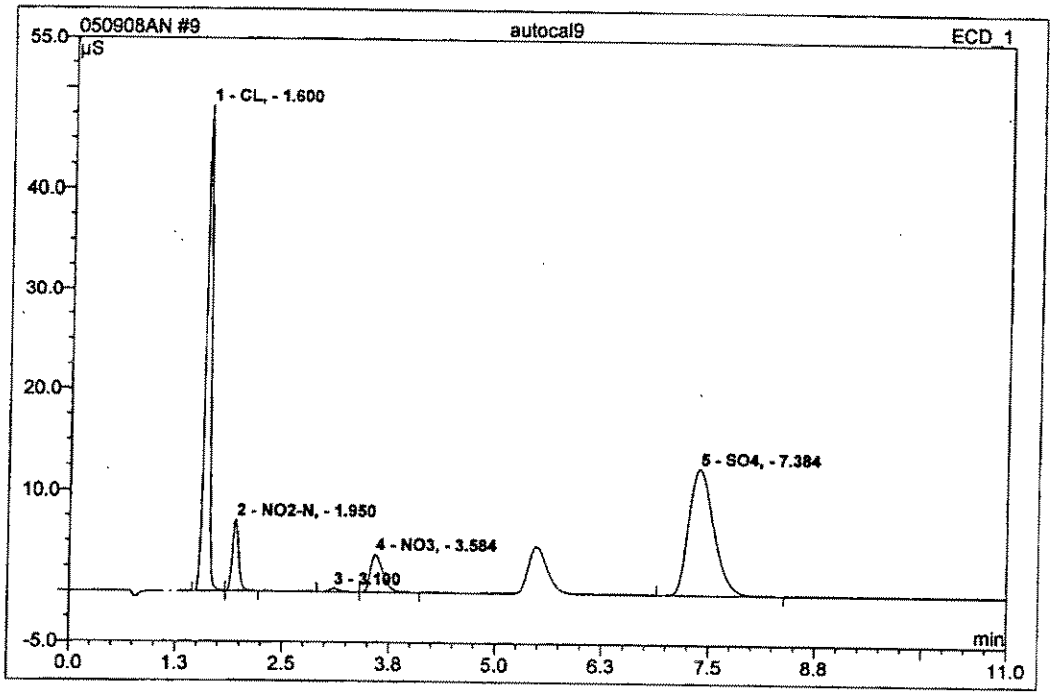
Sample Name:	**autocal8**	*Injection Volume:*	**1000.0**
Vial Number:	**126**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**4/22/2008 12:20**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.58	CL,	16.996	1.161	36.57	9.391	BM
2	1.93	NO2-N,	2.594	0.230	7.25	0.971	MB
4	3.63	NO3,	1.482	0.243	7.64	0.940	bMB
5	7.45	SO4,	4.559	1.524	48.00	19.435	BMB
Total:			25.632	3.158	99.46	30.736	

9 autocal9

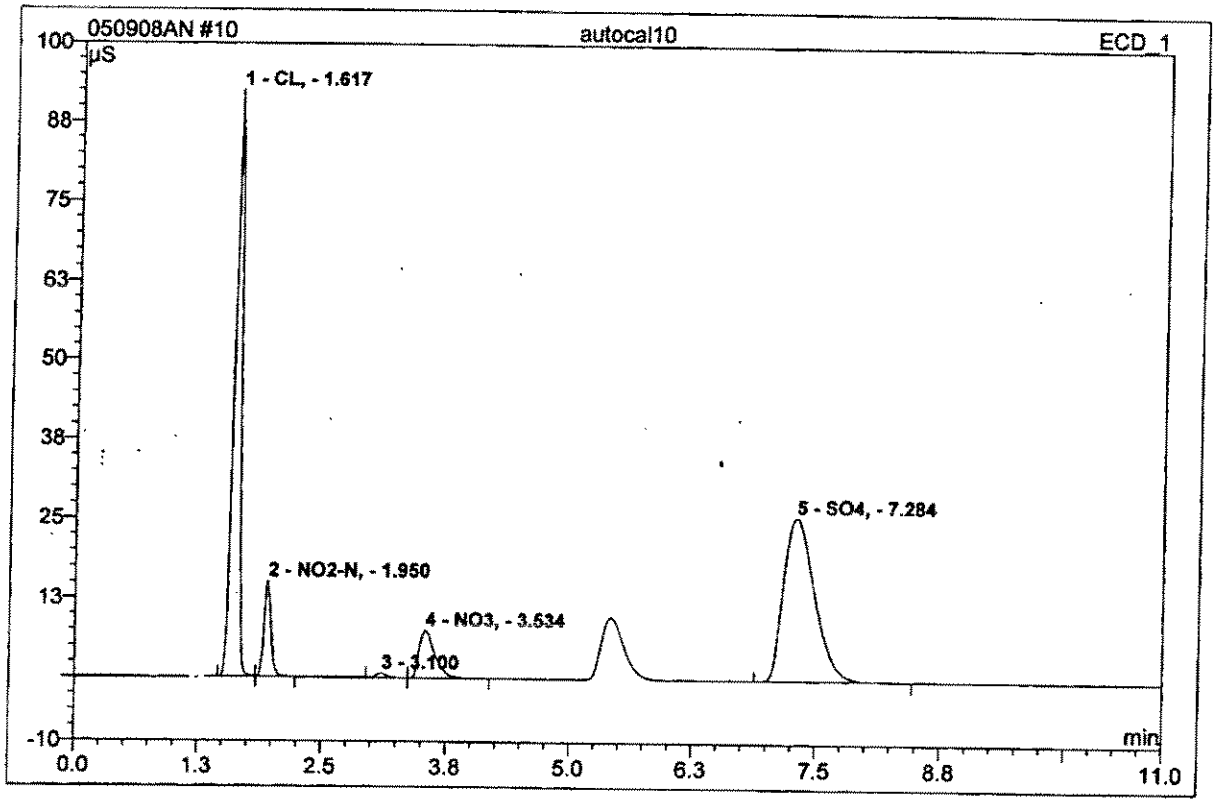
Sample Name:	**autocal9**	*Injection Volume:*	**1000.0**
Vial Number:	**127**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**4/22/2008 12:34**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	48.252	3.431	38.18	25.544	BM
2	1.95	NO2-N,	7.077	0.608	6.76	2.511	MB
4	3.58	NO3,	3.743	0.647	7.20	2.462	MB
5	7.38	SO4,	12.522	4.256	47.36	50.438	BMB
Total:			71.593	8.942	99.50	80.955	

10 autocal10

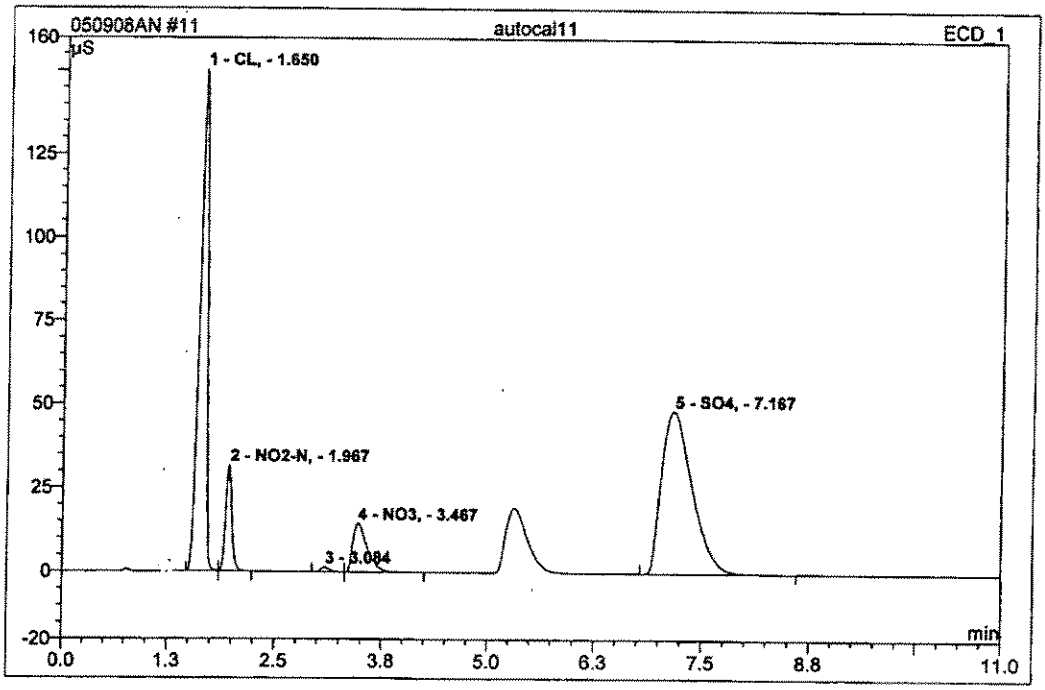
Sample Name:	**autocal10**	*Injection Volume:*	**1000.0**
Vial Number:	**128**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program.	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**4/22/2008 12:47**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.62	CL,	92.473	7.505	38.29	49.910	BM
2	1.95	NO2-N,	15.082	1.253	6.39	5.007	MB
4	3.53	NO3,	7.434	1.368	6.98	5.053	MB
5	7.28	SO4,	25.771	9.384	47.88	99.928	BMB
Total:			140.759	19.510	99.54	159.898	

11 autocal11

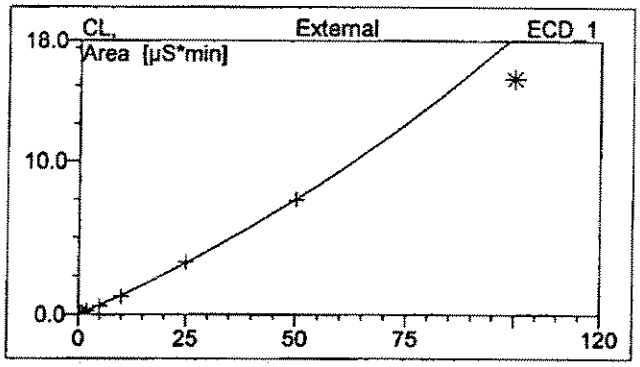
Sample Name:	**autocal11**	*Injection Volume:*	**1000.0**
Vial Number:	**129**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**4/22/2008 13:01**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**

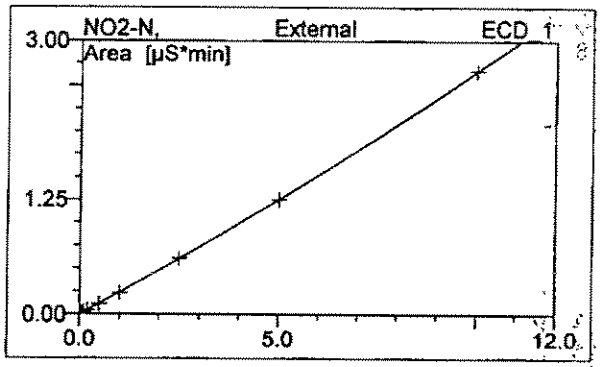


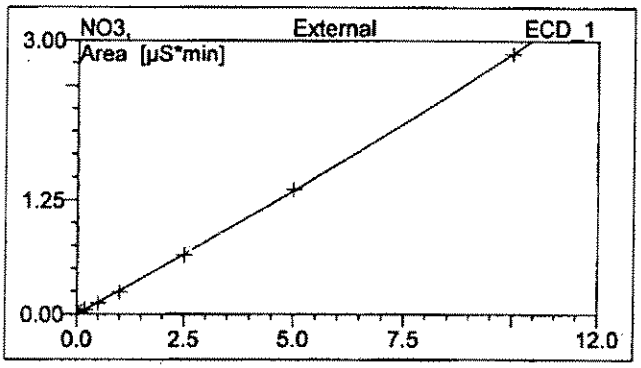
No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.65	CL,	150.309	15.464	37.63	88.079	BM
2	1.97	NO2-N,	31.514	2.663	6.48	9.998	MB
4	3.47	NO3,	14.475	2.854	6.94	9.991	MB
5	7.17	SO4,	48.474	19.938	48.52	181.817	BMB
Total:			244.772	40.919	99.57	289.884	

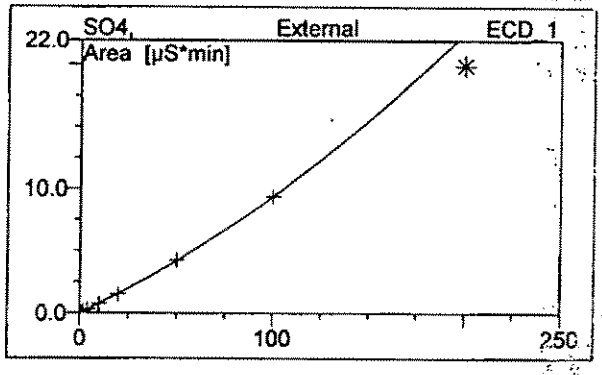
11 autocal11

Sample Name:	**autocal11**	*Injection Volume:*	**1000.0**
Vial Number:	**129**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**4/22/2008 13:01**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**





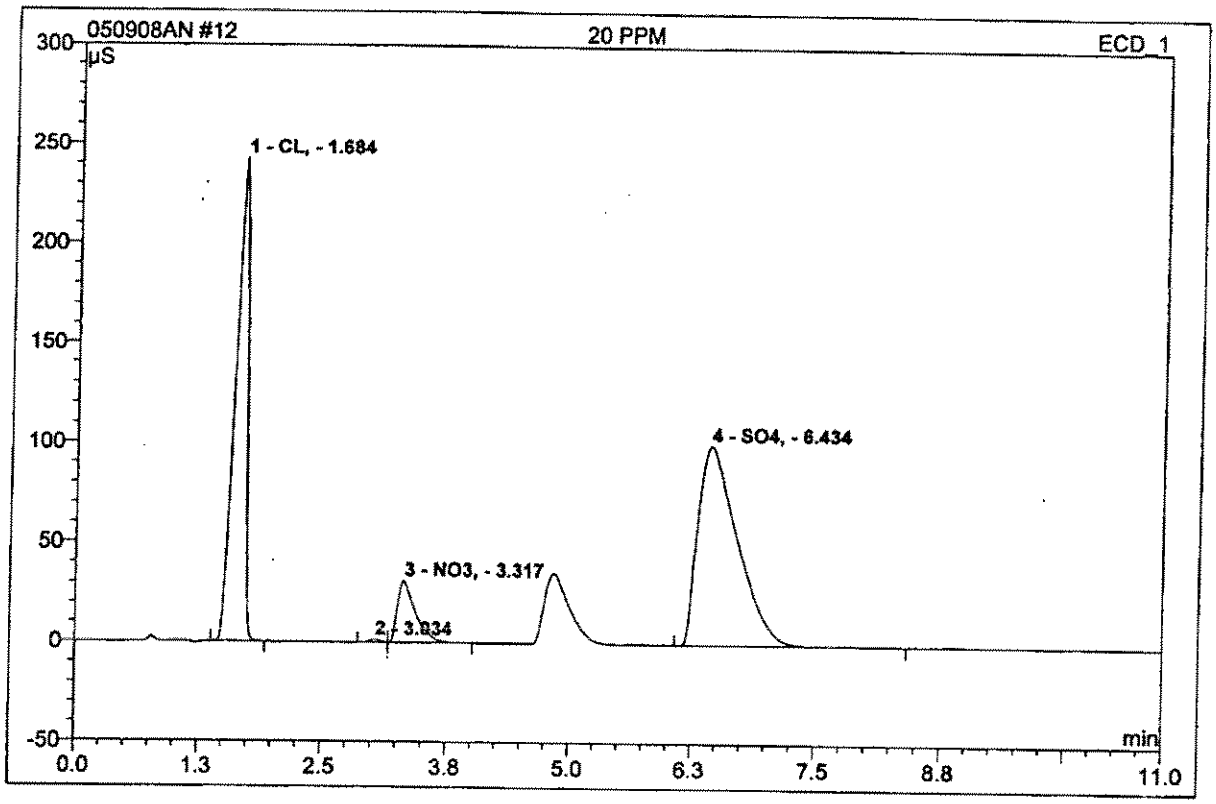




No.	Ret.Time min	Peak Name	Cal.Type	Points	Corr.Coeff. %	Offset	Slope	Curve
1	1.65	CL,	Quad	7	99.8667	0.0000	0.1174	0.0007
2	1.97	NO2-N,	Quad	10	99.9484	0.0000	0.2339	0.0032
3	3.08	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
4	3.47	NO3,	Quad	10	99.9613	0.0000	0.2553	0.0030
5	7.17	SO4,	Quad	9	99.8659	0.0000	0.0747	0.0002
Average:					99.9106	0.0000	0.1703	0.0018

12 20 PPM

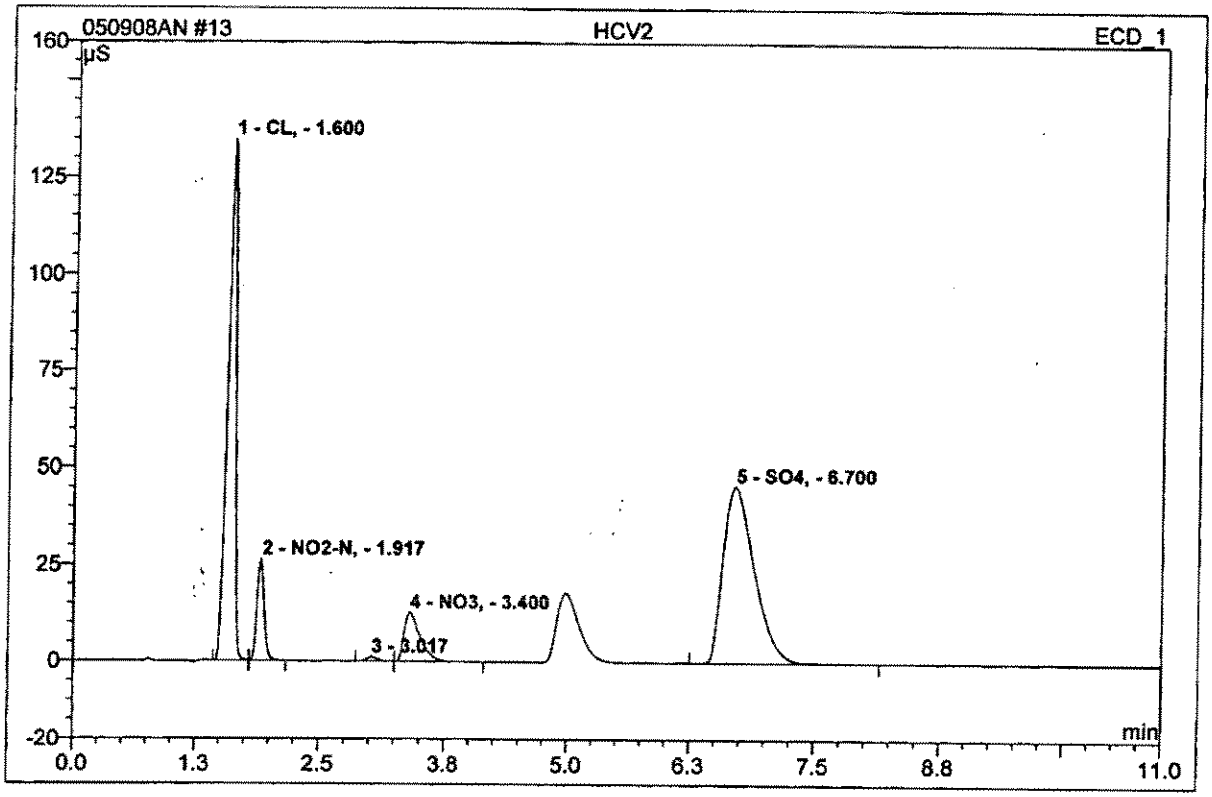
Sample Name:	**20 PPM**	*Injection Volume:*	**1000.0**
Vial Number:	**157**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**5/9/2008 8:32**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.68	CL,	242.694	34.182	39.04	155.384	BMB
3	3.32	NO3,	31.427	6.551	7.48	20.611	MB
4	6.43	SO4,	100.567	46.634	53.26	335.123	BMB
Total:			374.688	87.368	99.79	511.118	

13 HCV2

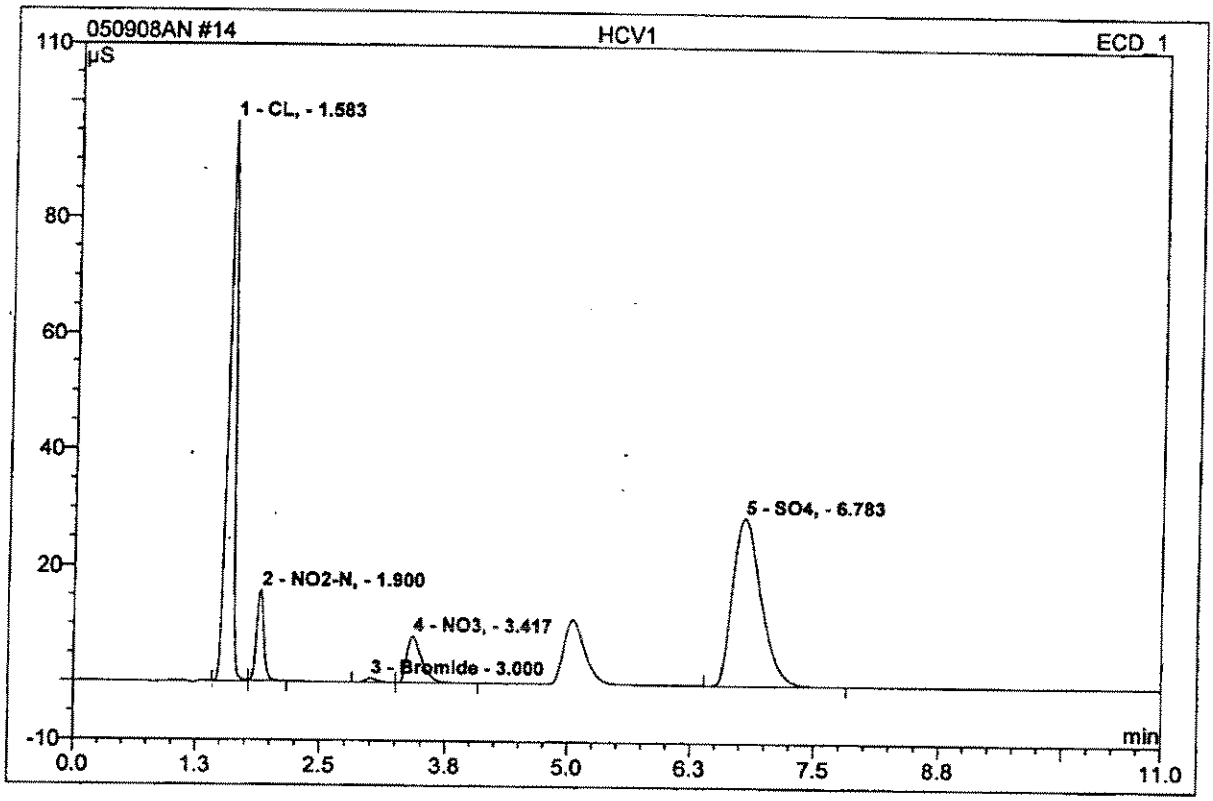
Sample Name:	**HCV2**	*Injection Volume:*	**1000.0**
Vial Number:	**158**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**5/9/2008 8:46**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	134.755	12.894	37.69	76.719	BM
2	1.92	NO2-N,	26.246	2.225	6.50	8.507	MB
4	3.40	NO3,	12.716	2.367	6.92	8.426	MB
5	6.70	SO4,	45.556	16.579	48.46	157.830	BMB
Total:			219.274	34.065	99.57	251.482	

14 HCV1

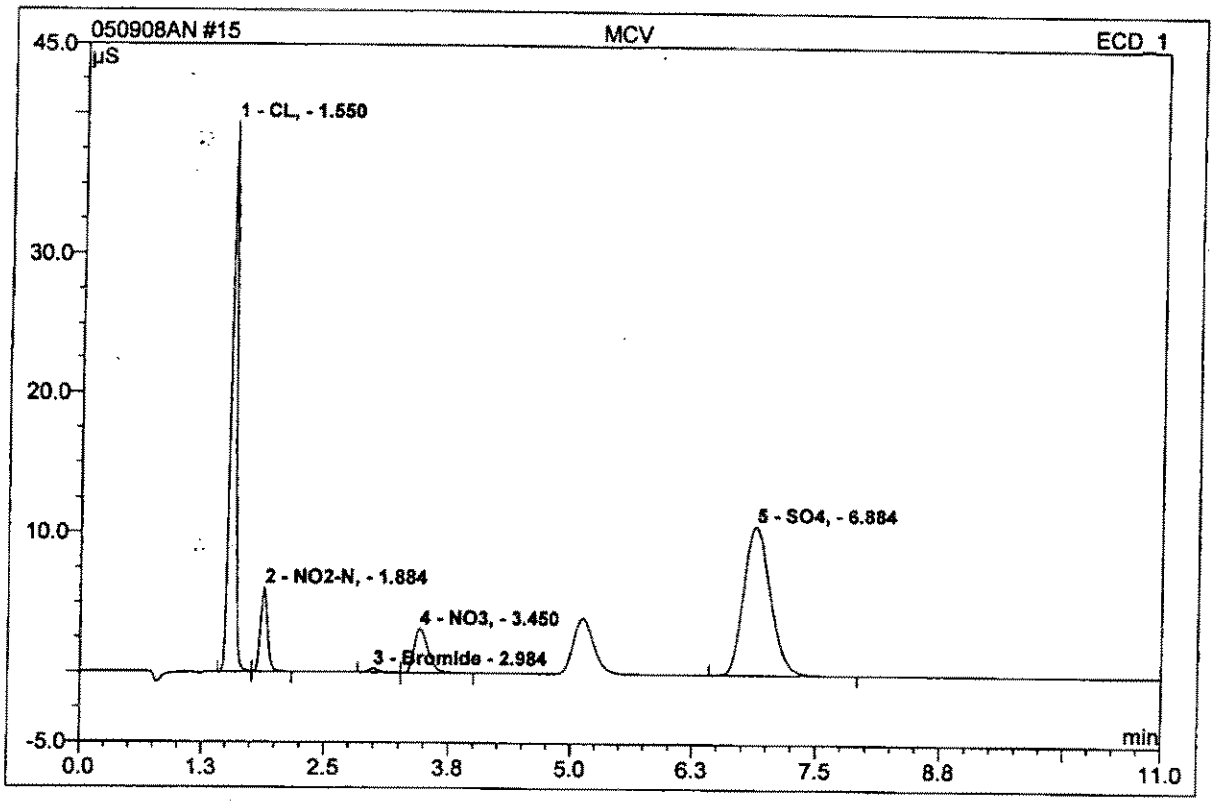
Sample Name:	**HCV1**	*Injection Volume:*	**1000.0**
Vial Number:	**158**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**5/9/2008 8:59**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.58	CL,	96.691	7.775	38.12	51.373	BM
2	1.90	NO2-N,	15.861	1.337	6.55	5.321	MB
3	3.00	Bromide	0.734	0.092	0.45	n.a.	BMb
4	3.42	NO3,	8.070	1.418	6.95	5.228	bMB
5	6.78	SO4,	29.024	9.775	47.93	103.369	BMB
Total:			150.380	20.397	100.00	165.290	

15 MCV

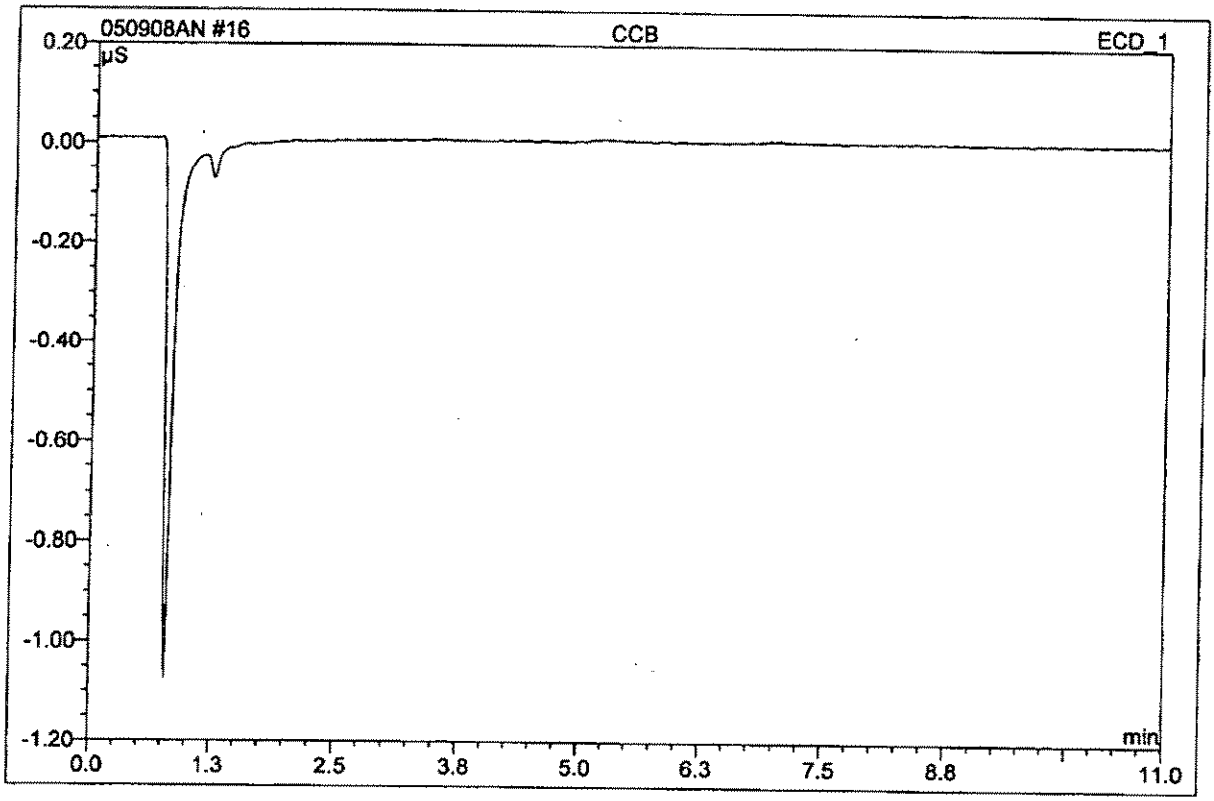
Sample Name:	**MCV**	*Injection Volume:*	**1000.0**
Vial Number:	**159**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**5/9/2008 9:13**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.55	CL,	39.408	2.686	37.68	20.509	BM
2	1.88	NO2-N,	6.055	0.508	7.13	2.110	MB
3	2.98	Bromide	0.281	0.035	0.50	n.a.	BMb
4	3.45	NO3,	3.187	0.519	7.28	1.986	bMB
5	6.88	SO4,	10.678	3.380	47.41	40.942	BMB
Total:			59.609	7.129	100.00	65.546	

16 CCB

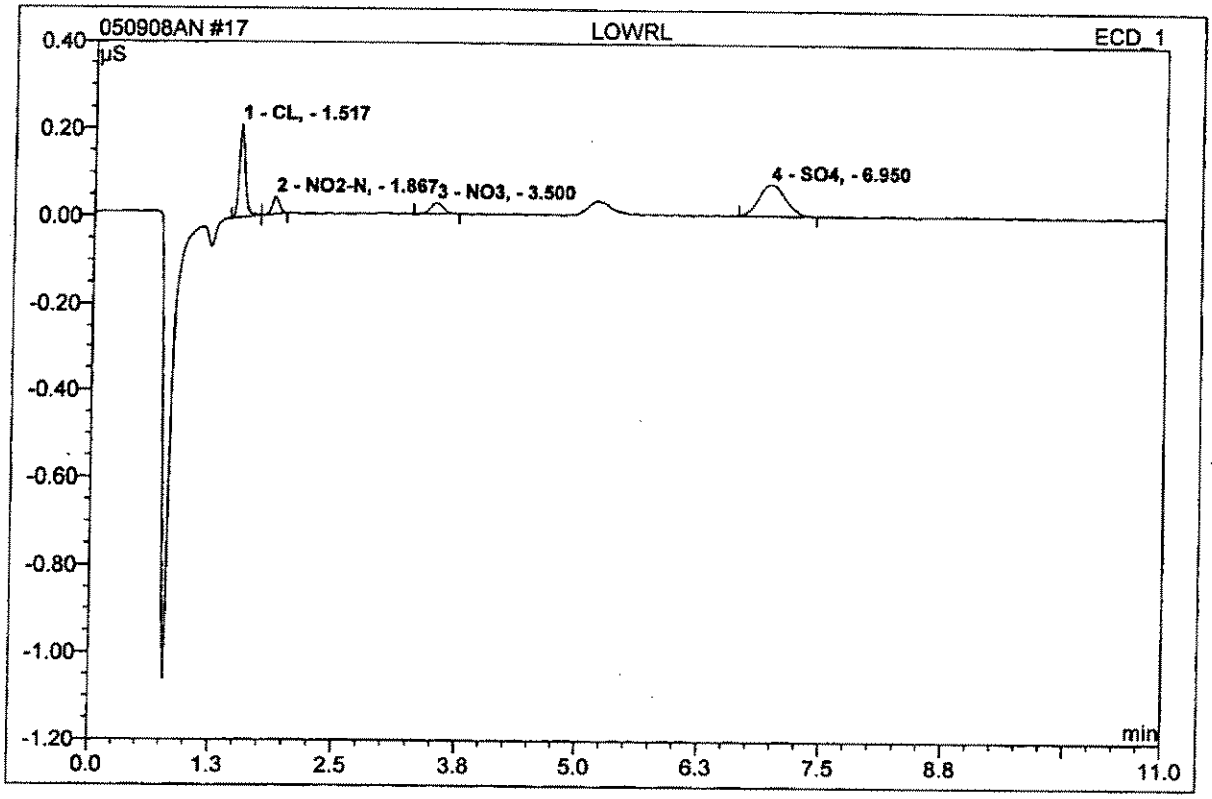
Sample Name:	**CCB**	*Injection Volume:*	**1000.0**
Vial Number:	**160**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**5/9/2008 9:27**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

17 LOWRL

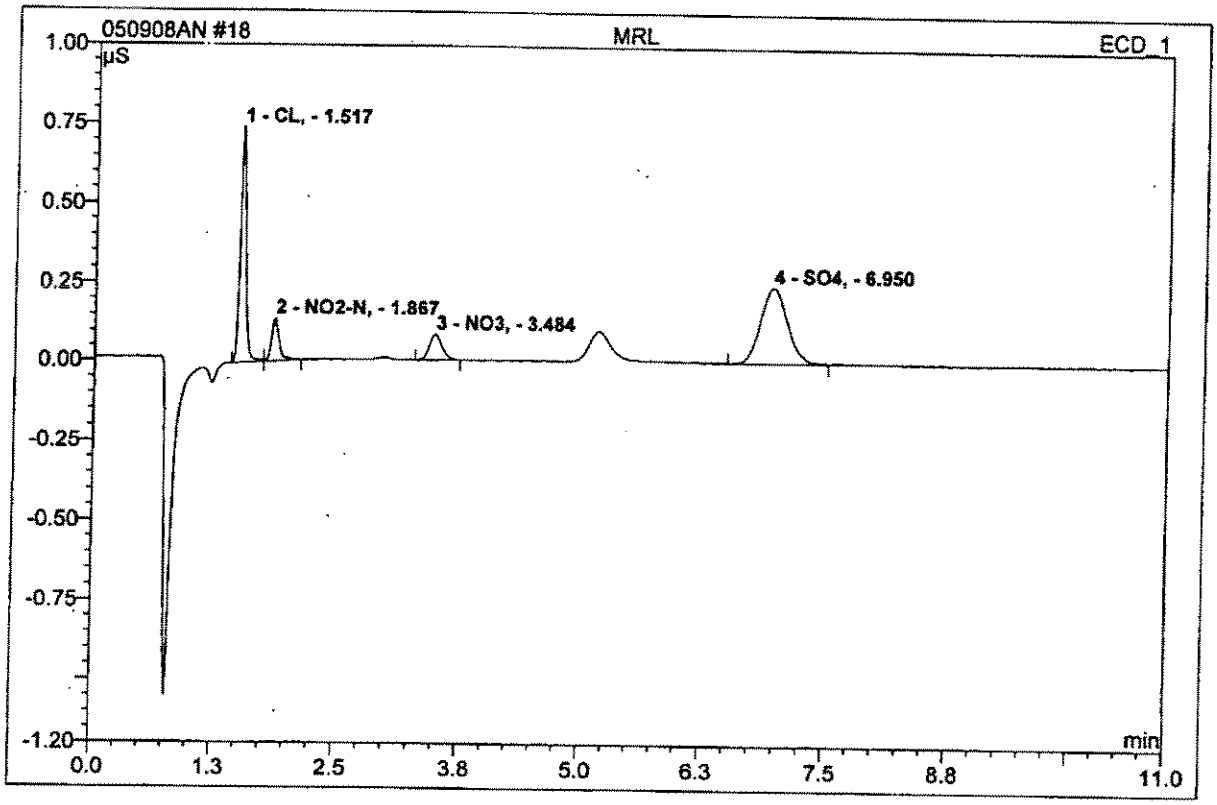
Sample Name:	**LOWRL**	*Injection Volume:*	**1000.0**
Vial Number:	**161**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**5/9/2008 9:40**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.52	CL,	0.215	0.015	33.69	0.131	BM
2	1.87	NO2-N,	0.041	0.003	7.44	0.015	MB
3	3.50	NO3,	0.026	0.004	8.87	0.016	BMB
4	6.95	SO4,	0.071	0.023	50.01	0.307	BMB
Total:			0.353	0.046	100.00	0.469	

18 MRL

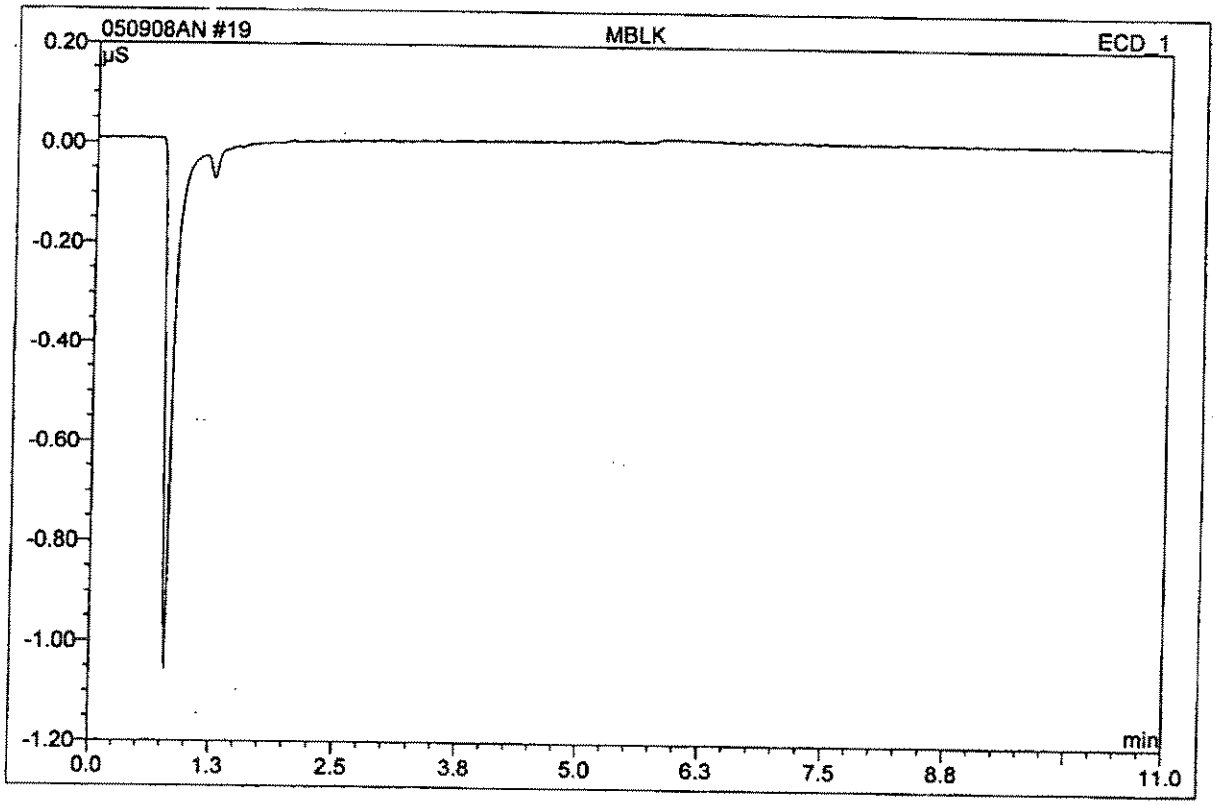
Sample Name:	**MRL**	*Injection Volume:*	**1000.0**
Vial Number:	**162**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**5/9/2008 9:54**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.52	CL,	0.746	0.053	33.74	0.449	BM
2	1.87	NO2-N,	0.139	0.013	8.16	0.055	MB
3	3.48	NO3,	0.087	0.013	8.32	0.051	BMB
4	6.95	SO4,	0.244	0.078	49.78	1.041	BMB
Total:			1.216	0.157	100.00	1.596	

19 MBLK

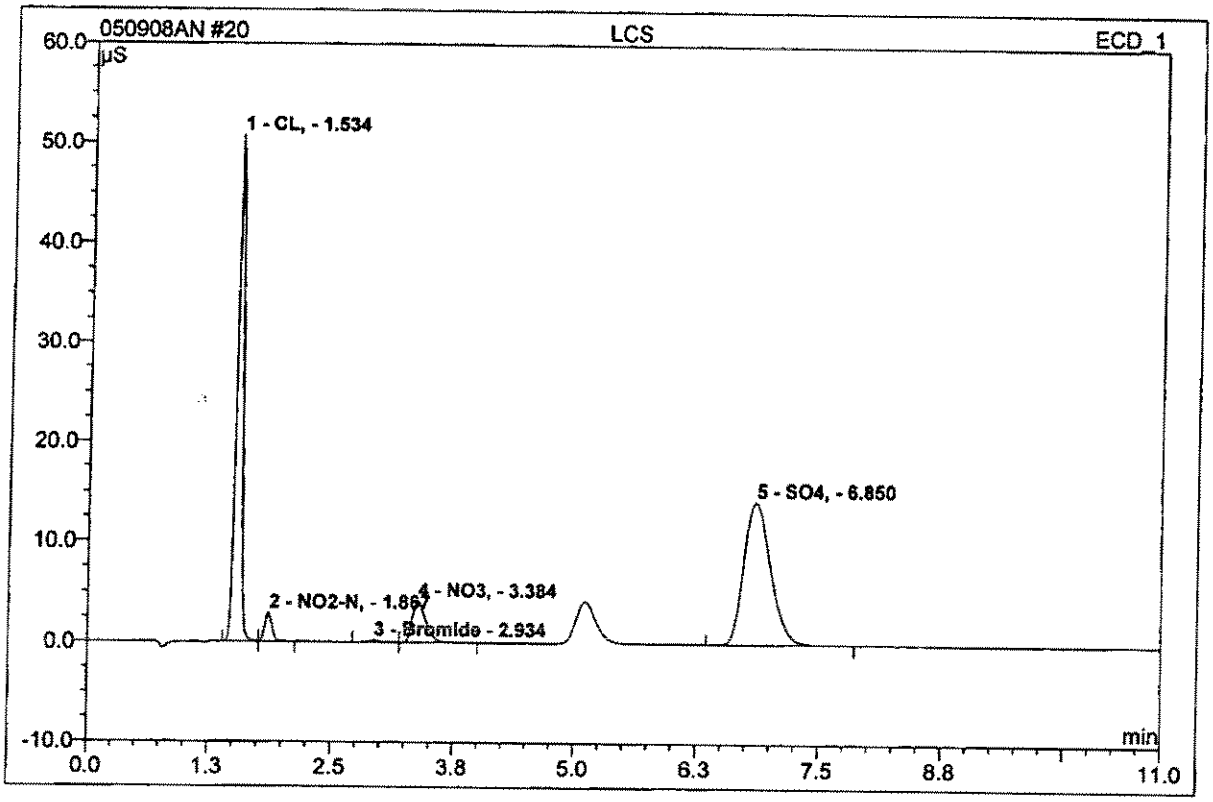
Sample Name:	**MBLK**	*Injection Volume:*	**1000.0**
Vial Number:	**163**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**5/9/2008 10:07**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

20 LCS

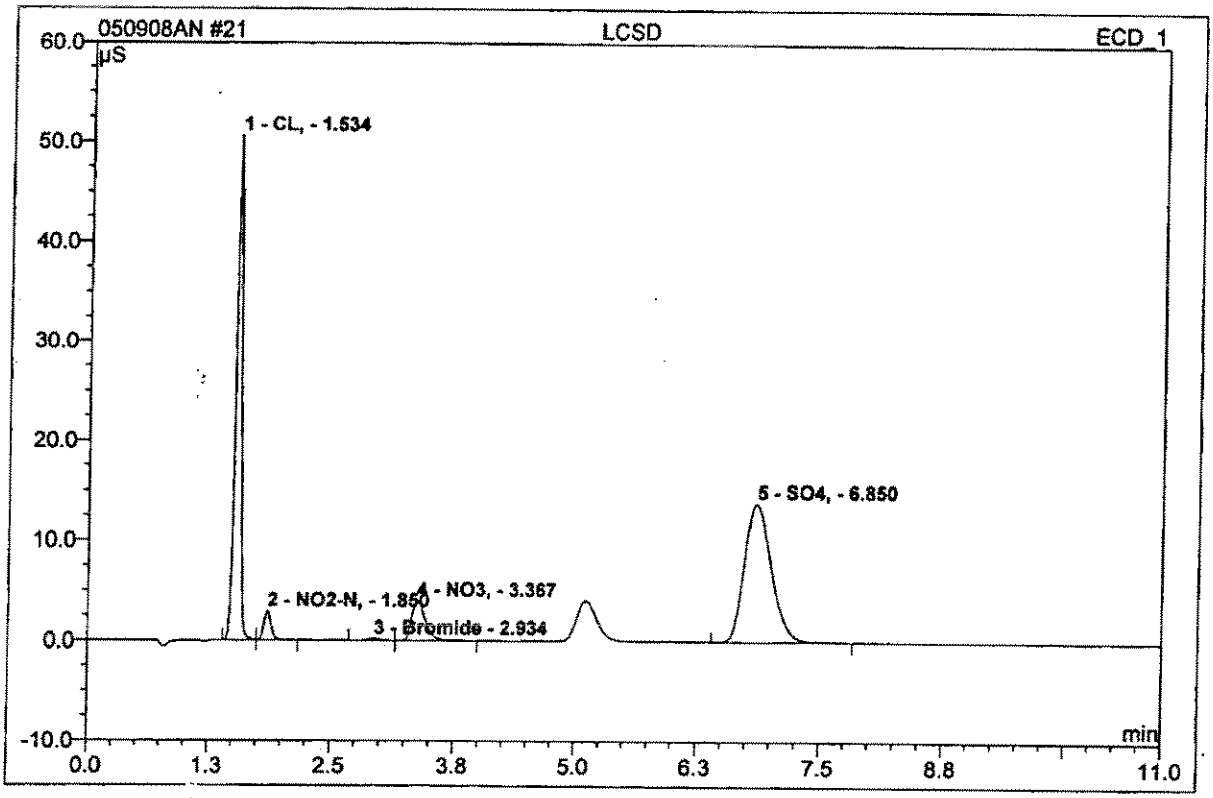
Sample Name:	**LCS**	*Injection Volume:*	**1000.0**
Vial Number:	**164**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**5/9/2008 10:21**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.53	CL,	50.778	3.607	39.60	26.703	BM
2	1.87	NO2-N,	2.888	0.247	2.71	1.042	MB
3	2.93	Bromide	0.186	0.023	0.25	n.a.	BM
4	3.38	NO3,	4.137	0.670	7.35	2.546	MB
5	6.85	SO4,	14.320	4.562	50.08	53.663	BMB
Total:			72.309	9.108	100.00	83.953	

21 LCSD

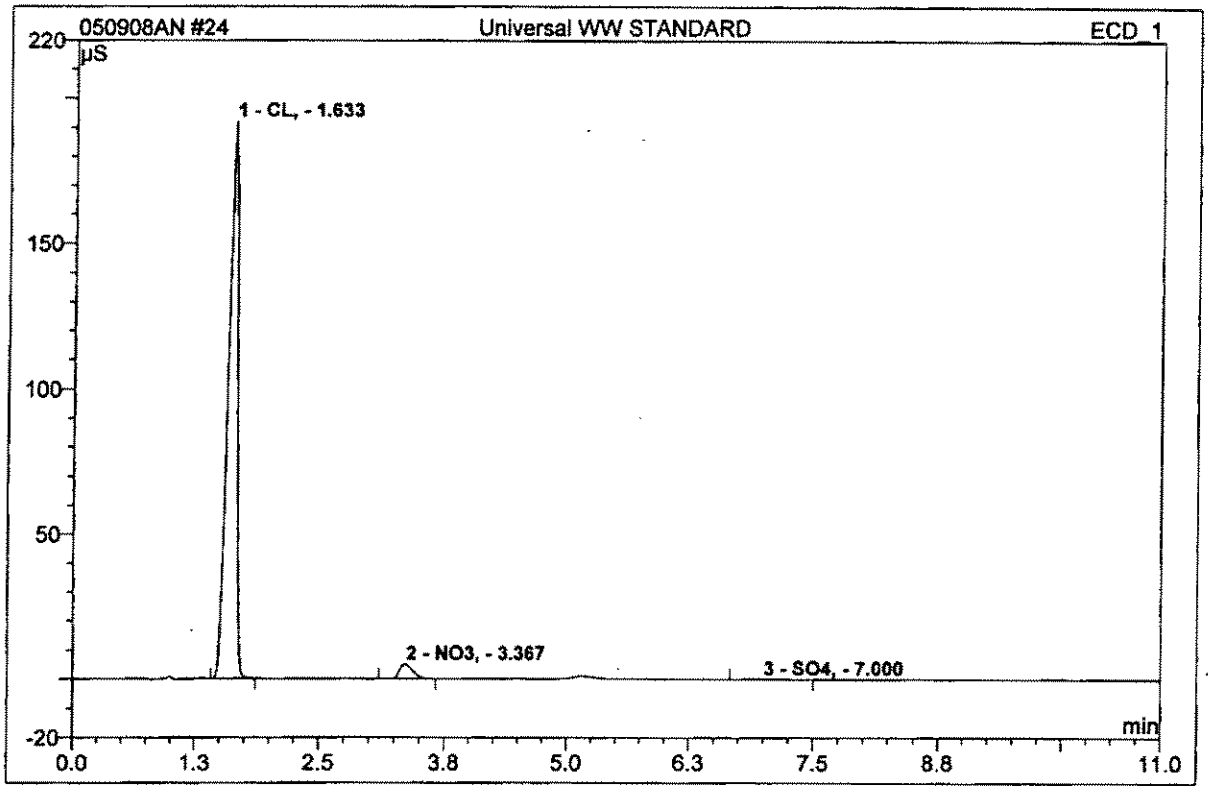
Sample Name:	**LCSD**	*Injection Volume:*	**1000.0**
Vial Number:	**165**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**5/9/2008 10:35**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.53	CL,	50.647	3.499	39.53	25.999	BM
2	1.85	NO2-N,	2.920	0.252	2.84	1.060	MB
3	2.93	Bromide	0.184	0.023	0.26	n.a.	BM
4	3.37	NO3,	4.026	0.653	7.38	2.484	MB
5	6.85	SO4,	13.933	4.425	49.99	52.225	BMB
Total:			71.711	8.852	100.00	81.768	

24 Universal WW STANDARD

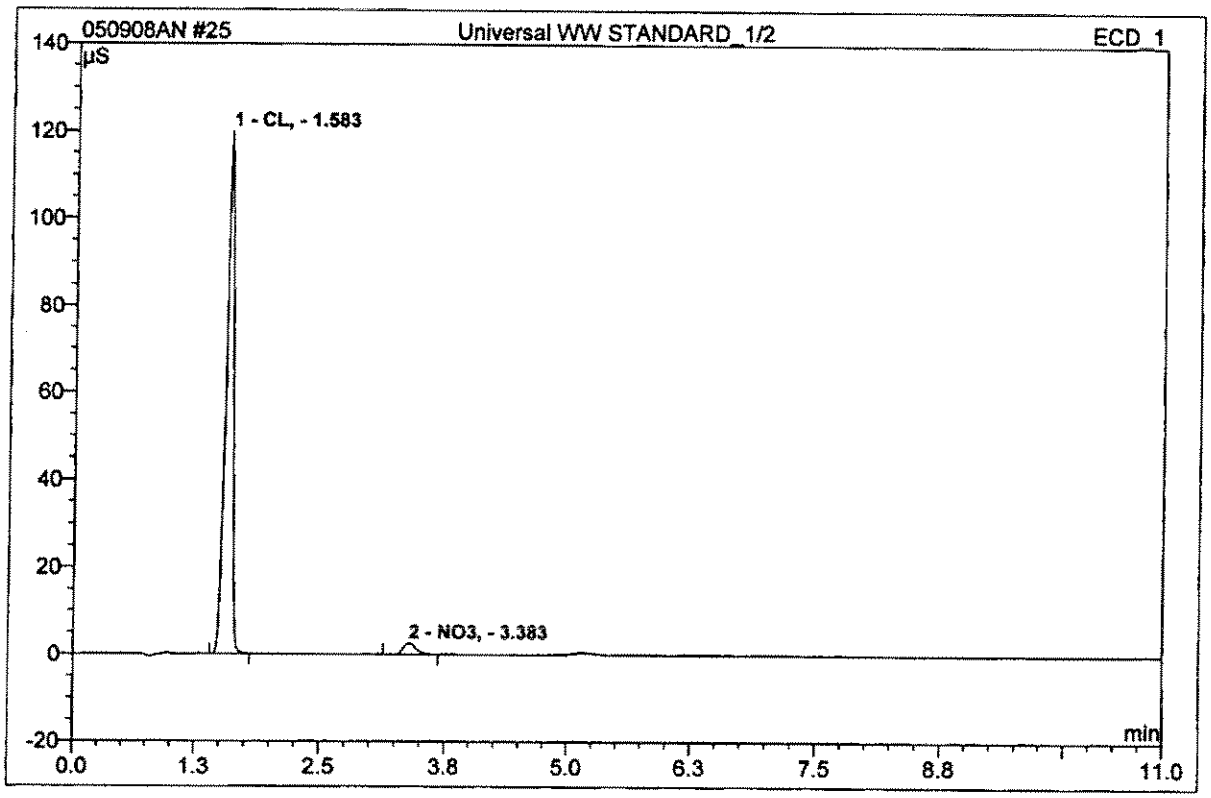
Sample Name:	**Universal WW STANDARD**	*Injection Volume:*	**1000.0**
Vial Number:	**168**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**5/9/2008 11:16**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.63	CL,	191.951	21.115	96.22	110.803	BMB
2	3.37	NO3,	5.158	0.818	3.73	3.089	BMB
3	7.00	SO4,	0.033	0.012	0.06	0.163	BMB
Total:			197.142	21.945	100.00	114.055	

25 Universal WW STANDARD_1/2

Sample Name:	**Universal WW STANDARD_1/2**	*Injection Volume:*	**1000.0**
Vial Number:	**169**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program.	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**2.0000**
Recording Time:	**5/9/2008 11:29**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**

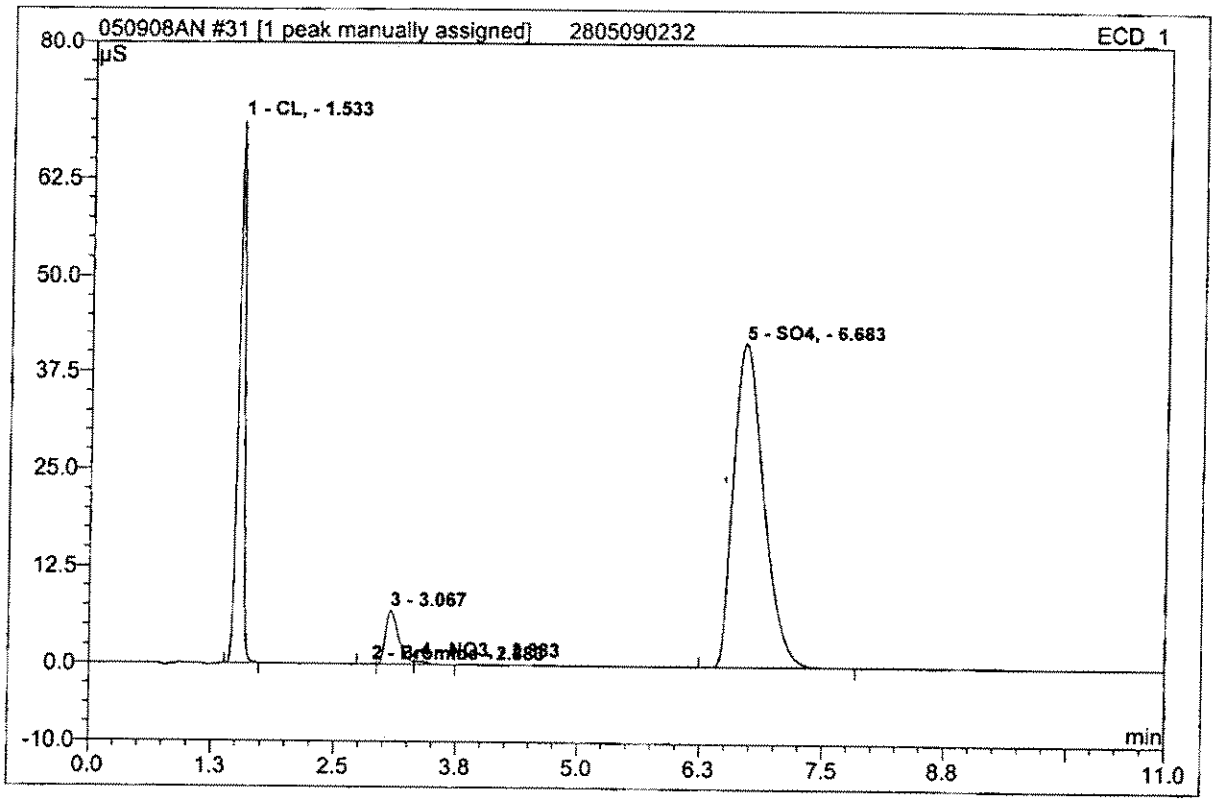


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.58	CL,	119.907	10.079	96.21	126.602	BMB
2	3.38	NO3,	2.579	0.397	3.79	3.054	BMB
Total:			122.486	10.476	100.00	129.656	

31 2805090232

DNR SO4

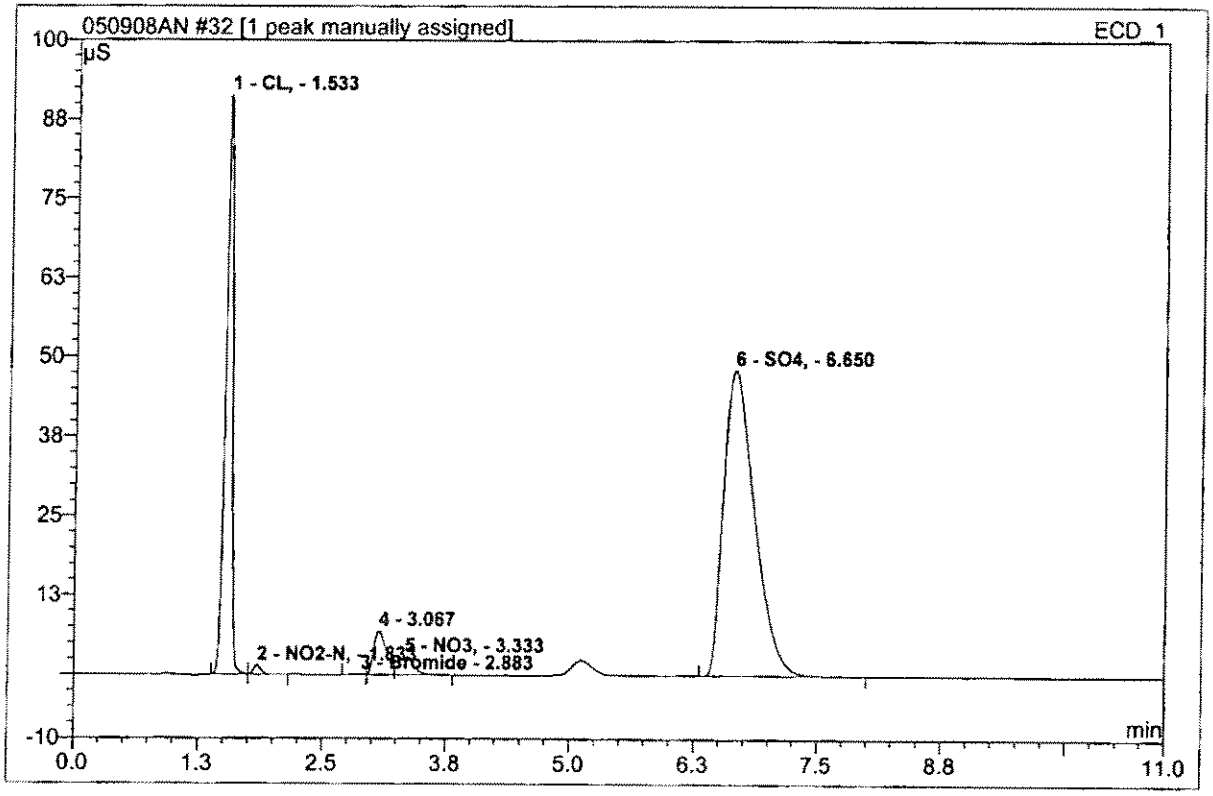
Sample Name:	**2805090232**	*Injection Volume:*	**1000.0**
Vial Number:	**175**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**10.0000**
Recording Time:	**5/9/2008 14:37**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.53	CL,	69.898	5.076	24.09	359.560	BMB
2	2.88	Bromide	0.028	0.003	0.01	n.a.	BM
4	3.38	NO3,	0.431	0.066	0.31	2.573	MB^
5	6.68	SO4,	41.644	14.863	70.54	1449.156	BMB
Total:			112.002	20.007	94.96	1811.289	

32 2805090232MS

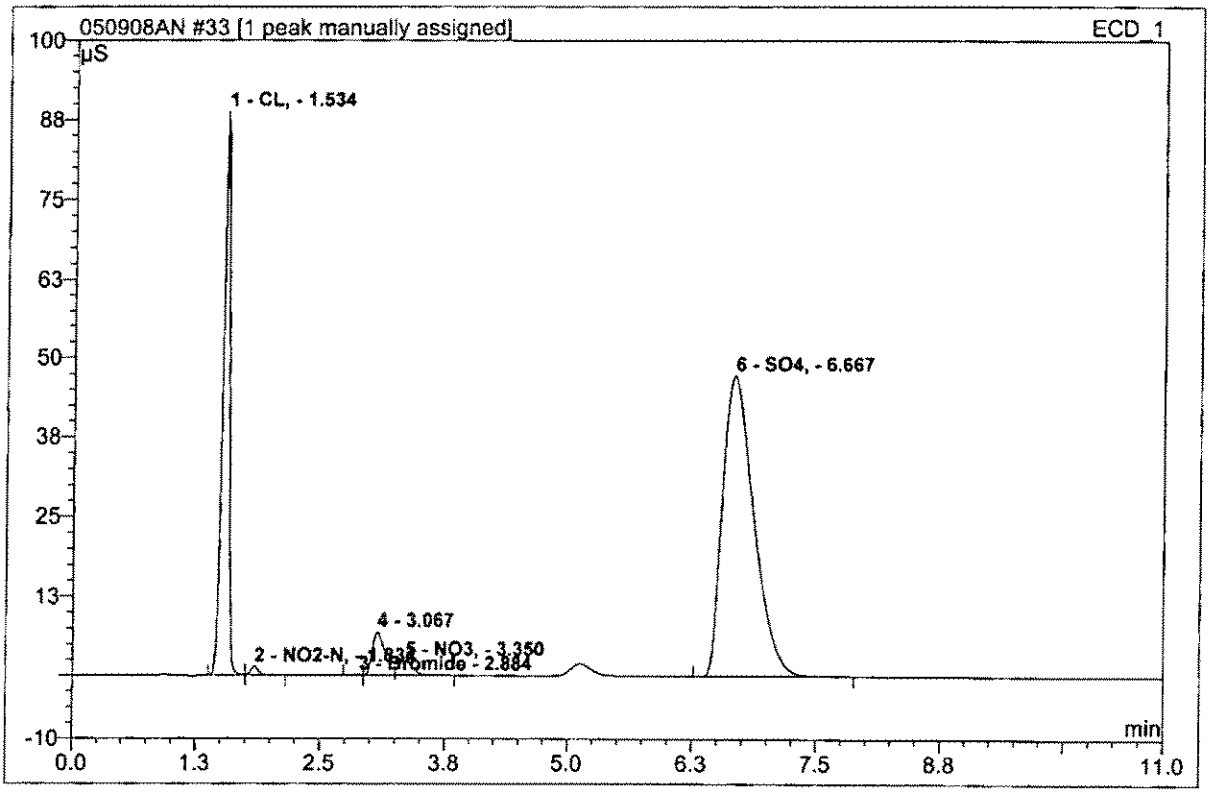
Sample Name:	**2805090232MS**	*Injection Volume:*	**1000.0**
Vial Number:	**176**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**10.0000**
Recording Time:	**5/9/2008 14:51**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.53	CL,	91.344	7.386	27.63	492.583	BM
2	1.83	NO2-N,	1.446	0.131	0.49	5.550	MB
3	2.88	Bromide	0.144	0.015	0.06	n.a.	BM
5	3.33	NO3,	2.798	0.483	1.80	18.491	MB^
6	6.65	SO4,	48.073	17.713	66.26	1661.050	BMB
Total:			143.805	25.728	96.24	2177.674	

33 2805090232MSD

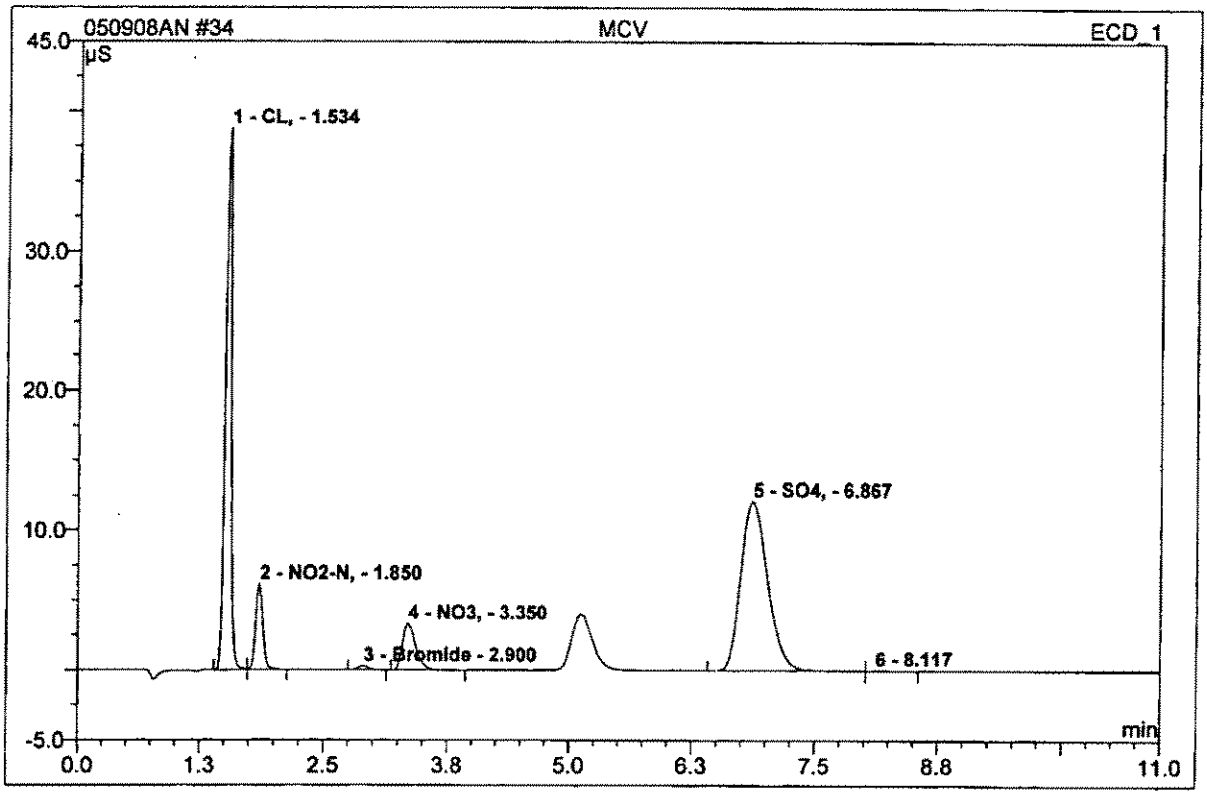
Sample Name:	**2805090232MSD**	*Injection Volume:*	**1000.0**
Vial Number:	**177**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**10.0000**
Recording Time:	**5/9/2008 15:05**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.53	CL,	88.825	7.012	27.10	471.894	BM
2	1.83	NO2-N,	1.456	0.131	0.51	5.557	MB
3	2.88	Bromide	0.126	0.012	0.05	n.a.	BM
5	3.35	NO3,	2.448	0.405	1.56	15.560	MB^
6	6.67	SO4,	47.200	17.297	66.84	1630.885	BMB
Total:			140.054	24.856	96.06	2123.897	

34 MCV

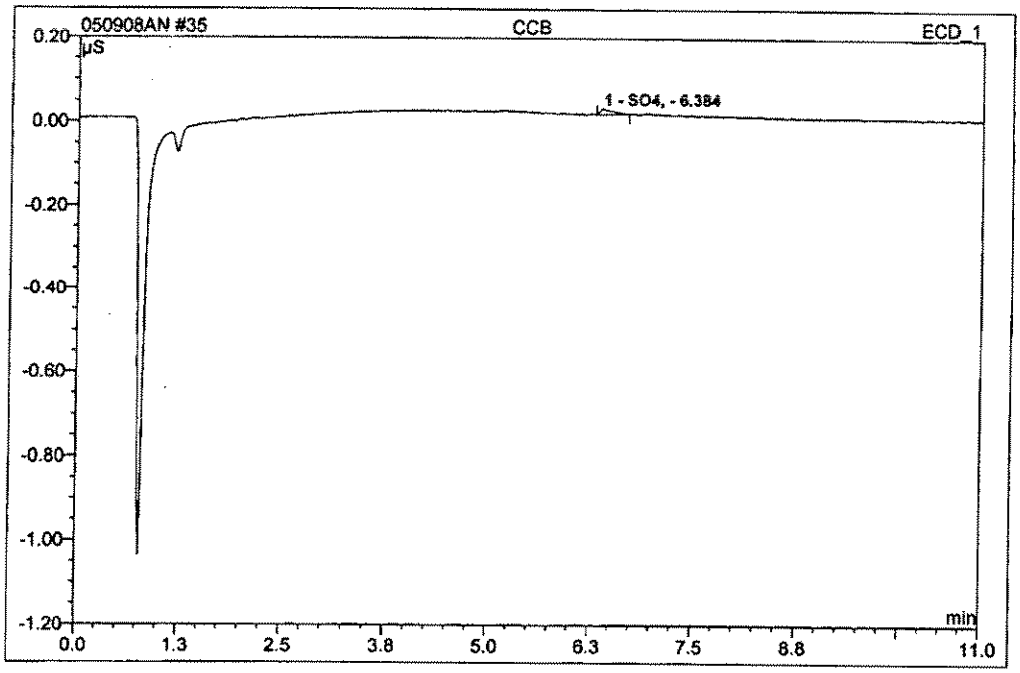
Sample Name:	**MCV**	*Injection Volume:*	**1000.0**
Vial Number:	**178**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**5/9/2008 15:18**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.53	CL,	38.796	2.687	35.35	20.516	BM
2	1.85	NO2-N,	6.163	0.508	6.68	2.110	MB
3	2.90	Bromide	0.291	0.035	0.46	n.a.	BMB
4	3.35	NO3,	3.335	0.518	6.82	1.983	BMB
5	6.87	SO4,	12.164	3.845	50.59	46.033	BM
Total:			60.750	7.594	99.90	70.642	

35 CCB

Sample Name:	**CCB**	*Injection Volume:*	**1000.0**
Vial Number:	**179**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**5/9/2008 15:32**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**

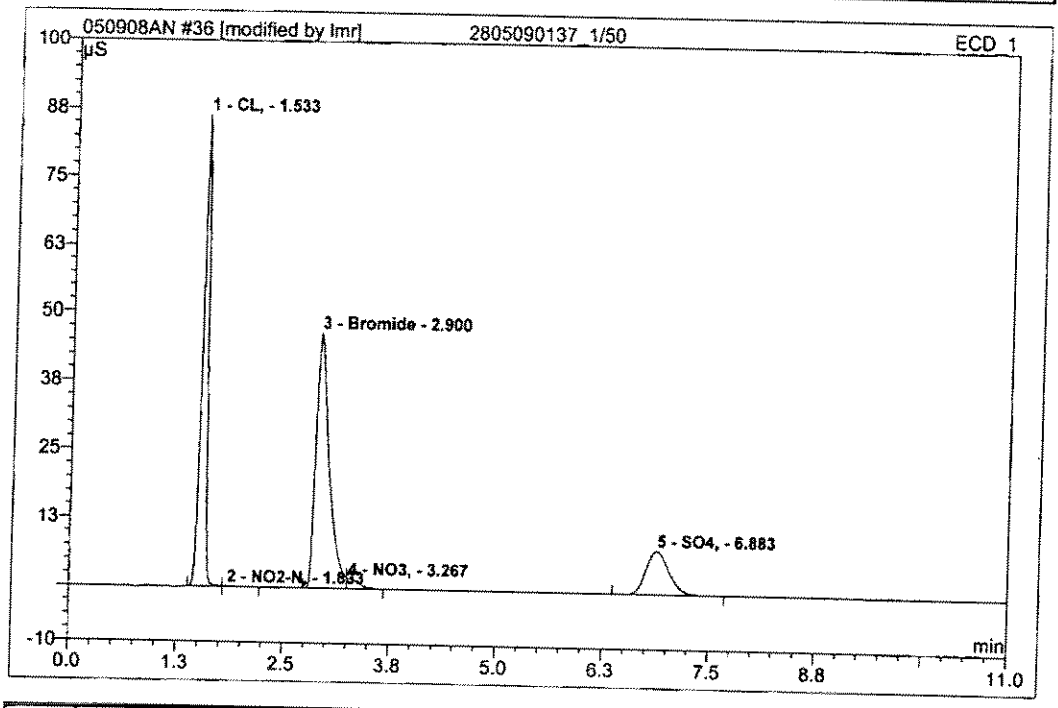


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.38	SO4,	0.013	0.002	100.00	0.032	BMB
Total:			0.013	0.002	100.00	0.032	

36 2805090137_1/50

DNR SO4

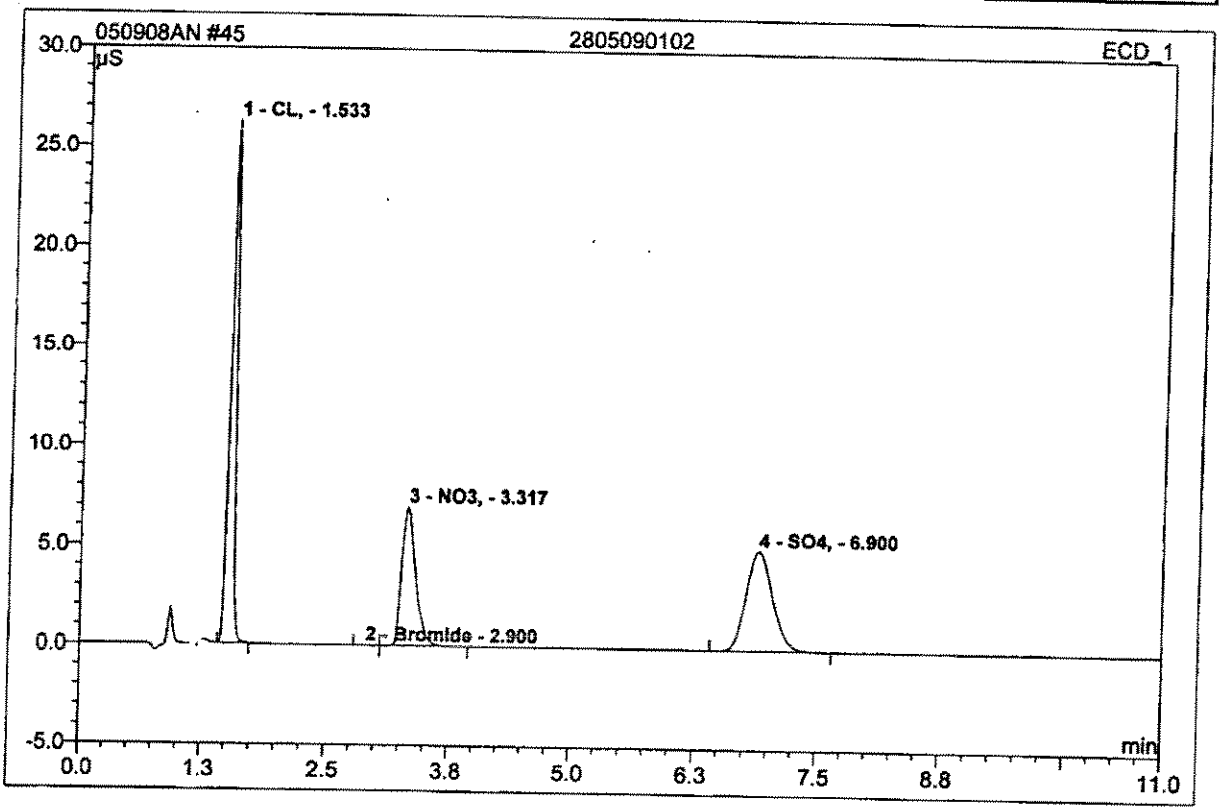
Sample Name:	**2805090137_1/50**	*Injection Volume:*	**1000.0**
Vial Number:	**180**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**50.0000**
Recording Time:	**5/9/2008 15:46**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.53	CL,	86.406	6.565	36.78	2234.075	BM
2	1.83	NO2-N,	0.113	0.014	0.08	2.905	MB
3	2.90	Bromide	46.584	8.507	47.66	n.a.	BM *
4	3.27	NO3,	1.794	0.286	1.60	55.189	MB*
5	6.88	SO4,	7.901	2.479	13.89	1537.886	BMB
Total:			142.798	17.850	100.00	3830.055	

45 2805090102

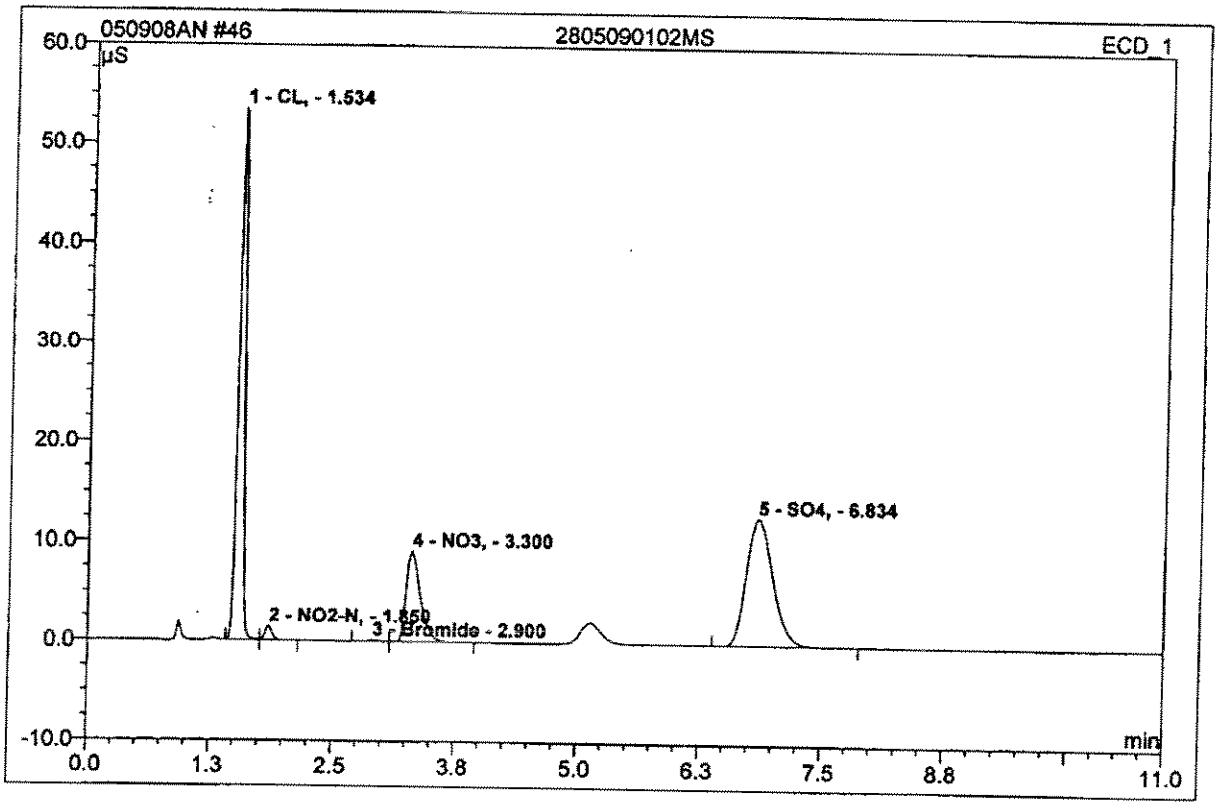
Sample Name:	**2805090102**	*Injection Volume:*	**1000.0**
Vial Number:	**189**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**5/9/2008 18:25**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.53	CL,	26.243	1.732	38.73	13.697	BMB
2	2.90	Bromide	0.017	0.002	0.04	n.a.	BMb
3	3.32	NO3,	7.007	1.152	25.75	4.292	bMB
4	6.90	SO4,	5.062	1.587	35.47	20.195	BMB
Total:			38.328	4.473	100.00	38.184	

46 2805090102MS

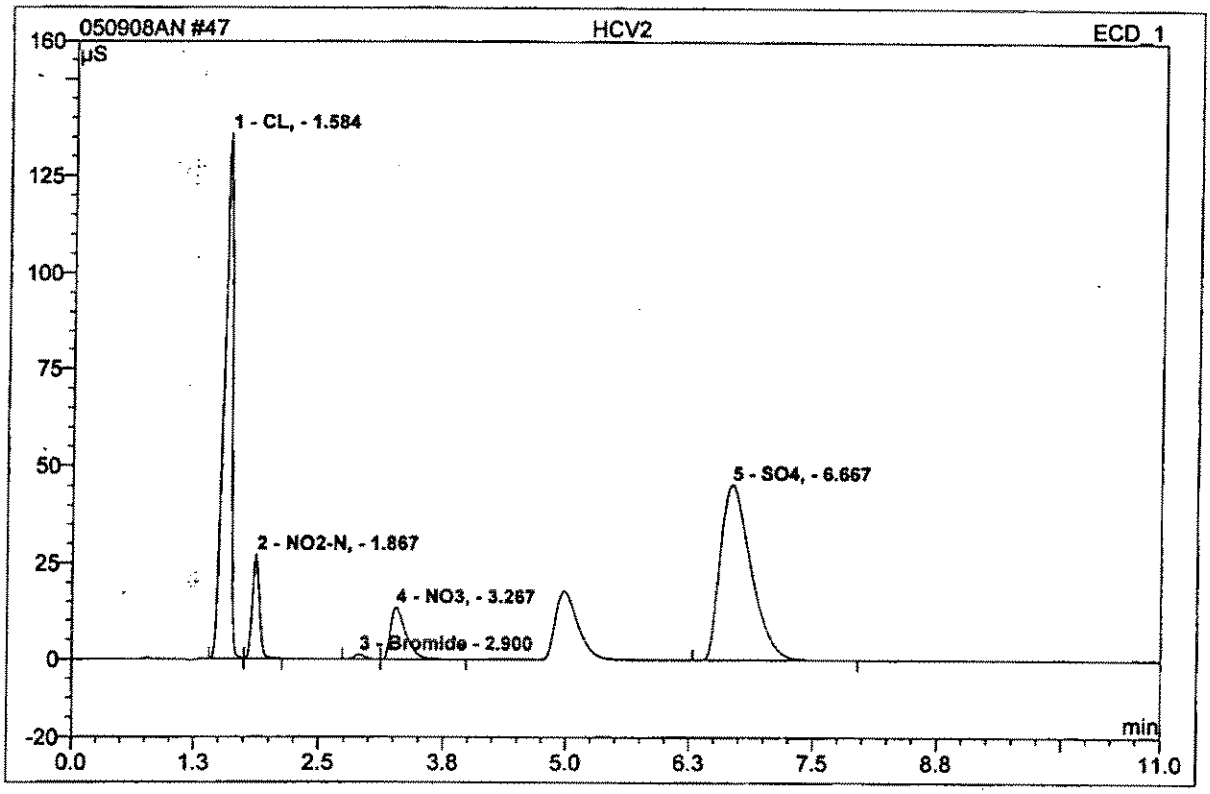
Sample Name:	**2805090102MS**	*Injection Volume:*	**1000.0**
Vial Number:	**190**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**5/9/2008 18:39**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.53	CL,	53.478	3.821	39.99	28.100	BM
2	1.85	NO2-N,	1.450	0.121	1.27	0.515	MB
3	2.90	Bromide	0.119	0.014	0.15	n.a.	BM
4	3.30	NO3,	9.154	1.541	16.13	5.656	MB
5	6.83	SO4,	12.855	4.058	42.46	48.319	BMB
Total:			77.056	9.556	100.00	82.591	

47 HCV2

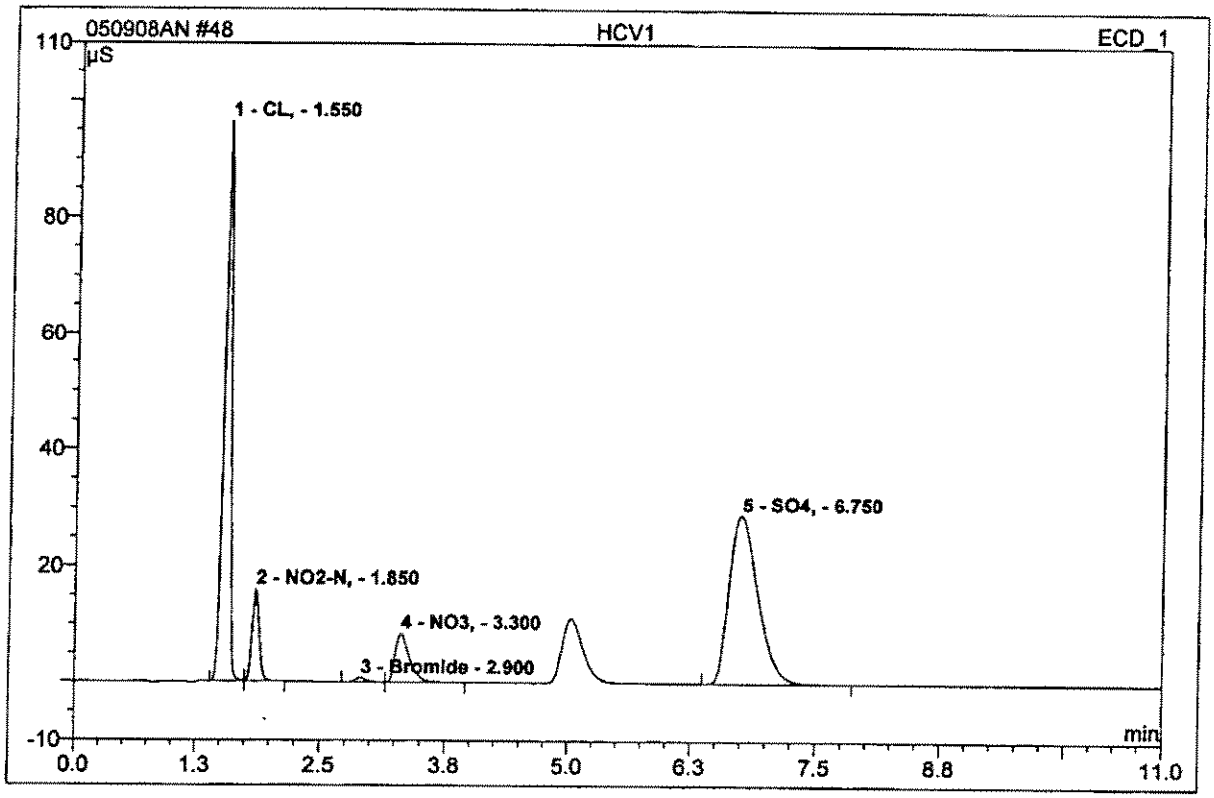
Sample Name:	**HCV2**	*Injection Volume:*	**1000.0**
Vial Number:	**191**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**5/9/2008 18:53**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.58	CL,	135.970	12.794	37.67	76.258	BM
2	1.87	NO2-N,	27.119	2.208	6.50	8.448	MB
3	2.90	Bromide	1.228	0.147	0.43	n.a.	BM
4	3.27	NO3,	13.581	2.368	6.97	8.430	MB
5	6.67	SO4,	45.532	16.448	48.43	156.860	BMB
Total:			223.431	33.965	100.00	249.996	

48 HCV1

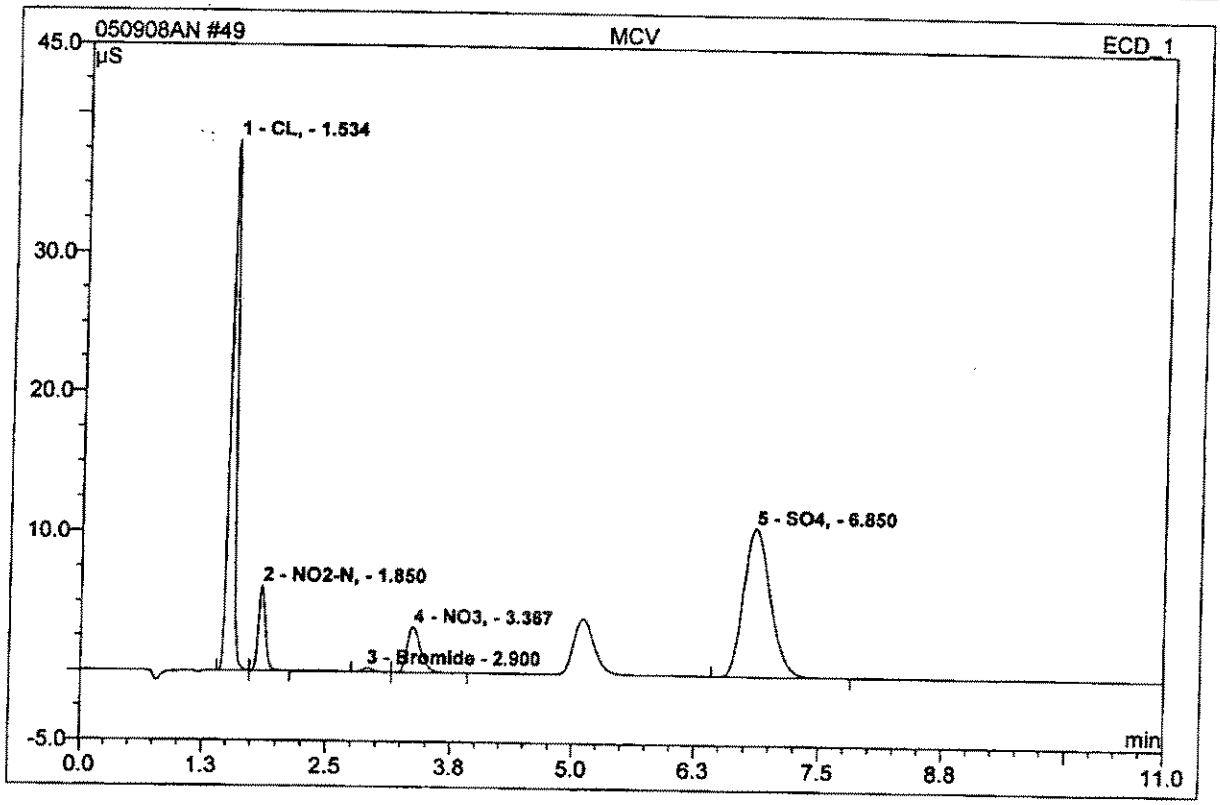
Sample Name:	**HCV1**	*Injection Volume:*	**1000.0**
Vial Number:	**192**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**5/9/2008 19:06**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.55	CL,	96.494	7.704	38.05	50.990	BM
2	1.85	NO2-N,	16.052	1.330	6.57	5.297	MB
3	2.90	Bromide	0.756	0.091	0.45	n.a.	BMb
4	3.30	NO3,	8.439	1.413	6.98	5.210	bMB
5	6.75	SO4,	29.037	9.710	47.95	102.797	BMB
Total:			150.778	20.249	100.00	164.295	

49 MCV

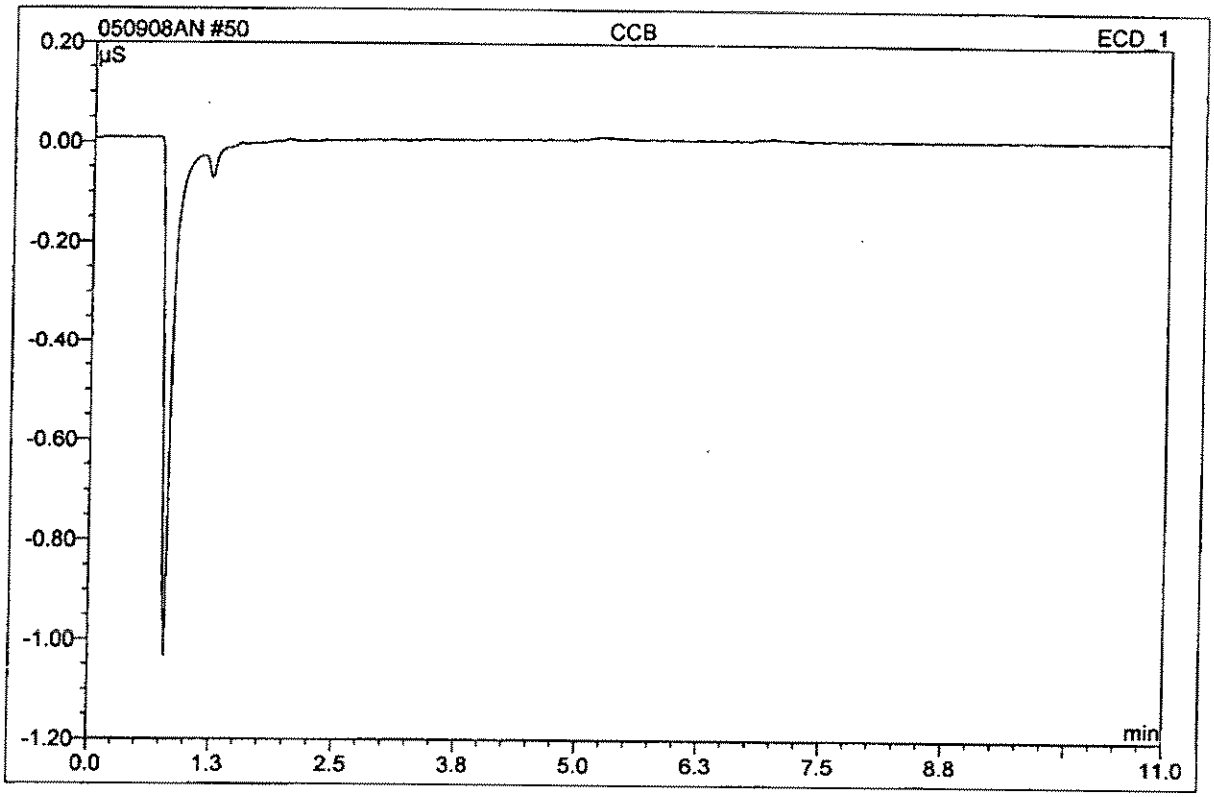
Sample Name:	**MCV**	*Injection Volume:*	**1000.0**
Vial Number:	**193**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**5/9/2008 19:20**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.53	CL,	38.119	2.675	37.68	20.431	BM
2	1.85	NO2-N,	6.146	0.507	7.15	2.108	MB
3	2.90	Bromide	0.285	0.035	0.50	n.a.	BMb
4	3.37	NO3,	3.271	0.517	7.28	1.977	bMB
5	6.85	SO4,	10.687	3.365	47.40	40.777	BMB
Total:			58.508	7.100	100.00	65.293	

50 CCB

Sample Name:	**CCB**	*Injection Volume:*	**1000.0**
Vial Number:	**194**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**5/9/2008 19:33**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

Standard Preparation Worksheet & Certificate of Analysis

R201844 rec'd 5-6-08

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Expiry: 11/1/2009

Certificate of Analysis

Part Number: **4400-050110rh03** **Solution A**
Lot Number: **08E004**
Shelf Life: **18 months**

MWH
Anion Calibration Stock Solution
H2O

Concentrations in ug/mL ± 0.5%

Cl	1000
N (NO3)	100
SO4	2000
Br	40
P	500

This standard solution was prepared using high-purity starting materials, high-purity acid (if required) and 18-megaohm de-ionized water. The starting materials were weighed to five significant figures and diluted in volumetric glassware calibrated to five significant figures.

Starting materials were analyzed at 1000µg/mL by ICP-MS for trace impurities. The standard solution concentrations were certified instrumentally against the National Institute of Standards and Technology's SRM 3100 series, NIST approved second source and/or gravimetrically.

Accuracy and stability are guaranteed to within plus or minus 0.5% of the certified value for the stated shelf life from the date of shipment. The solution should be kept tightly capped and stored under normal laboratory conditions. See attached MSDS for proper handling information.

For questions or comments please call 1-800-878-7654 in the USA, +31 20 638 05 97 in Europe or visit our web-site at www.cpiinternational.com.

R201844 recd 5-6-08

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Innovative Solutions in Analytical Science and Technology

Expiry: 11/1/2009

Certificate of Analysis

Part Number: **4400-050110rh03** **Solution B**
Lot Number: **08E004**
Shelf Life: **18 months**

MWH
Anion Calibration Stock Solution
H2O

Concentrations in ug/mL ± 0.5%

N (NO2)	100

This standard solution was prepared using high-purity starting materials, high-purity acid (if required) and 18-megaohm de-ionized water. The starting materials were weighed to five significant figures and diluted in volumetric glassware calibrated to five significant figures.

Starting materials were analyzed at 1000µg/mL by ICP-MS for trace impurities. The standard solution concentrations were certified instrumentally against the National Institute of Standards and Technology's SRM 3100 series, NIST approved second source and/or gravimetrically.

Accuracy and stability are guaranteed to within plus or minus 0.5% of the certified value for the stated shelf life from the date of shipment. The solution should be kept tightly capped and stored under normal laboratory conditions. See attached MSDS for proper handling information.

For questions or comments please call 1-800-878-7654 in the USA, +31 20 638 05 97 in Europe or visit our web-site at www.cpiinternational.com.

Reagent Documentation

Reagent: Buffer Soln Custom pH 8.5
Date Received: 06 May 08
Date Expired: 30 April 09
Manufacturer: CPI
Storage Condition: room temp

Reagent #: 201843
By: TLH
Matrix: aq
Amount: 6x500mL
Lot #: 18934

Component	Comment	Standard	Concentration
	CPI#CPI3652-08		

Comment:

Reagent: Anion Calibration Stds. Soln A+B
Date Received: 06 May 08
Date Expired: 01 NOV 09
Manufacturer: CPI
Storage Condition: room temp

Reagent #: 201844
By: TLH
Matrix: aq
Amount: 20x100mL
Lot #: 08E004

Component	Comment	Standard	Concentration
	CPI#4400-050110-h 03		

Comment:

Reagent: Cyanide 1000µg/mL in 0.5% KOH
Date Received: 06 May 08
Date Expired: 29 Apr 09
Manufacturer: High Purity Std
Storage Condition: refrigerator

Reagent #: 201845
By: TLH
Matrix: aq
Amount: 100mL
Lot #: 0809502

Component	Comment	Standard	Concentration
	HP# IC-CN-M		

Comment:

Reagent Preparation Documentation

Reagent: Anions Autocal 2/Low RL
Date Received/Prepped: ~~5/15/08~~ 5/12/08 / 5/21/08 / ~~5/28/08~~ 6/2/08 / 6/6/08
Date Expired: 6/17/08 / 6/20/08 / 6/23/08 / 6/26/08 / /
Manufacturer: CPI
Storage Condition: Room temp

MW #: SXK080512-1
By: SXK
Matrix: aq
Amount: 100mL
Lot #:

Component	Comment	Standard	Concentration
CPI stock			Cl 0.125 mg/L
calibration			NO3 0.0125
solution A	12.5 ul } dilute to 100ml w/ DIH2O	R201847	(NO2)N 0.0125
			SO4 0.25
Solution B	12.5 ul	R201847	

Comment: prepare fresh for each calibration

Reagent: Anions Autocal 3
Date Received/Prepped: 5/12/08 5/28/08 / 6/17/08 / 6/23/8 / /
Date Expired: / / / / /
Manufacturer: CPI
Storage Condition: room temp

MW #: SXK080512-2
By: SXK
Matrix: aq
Amount: 100mL
Lot #:

Component	Comment	Standard	Concentration
CPI calibration			Cl 0.25
stock solution A	25 ul } dilute to 100ml w/ DIH2O	R201847	NO3 0.025
			(NO2)N 0.025
stock solution B	25 ul	R201847	SO4 0.50

mg/L

Comment: prepare fresh for each calibration

Reagent: Anions Autocal 4/MRL
Date Received/Prepped: 5/12/08 5/21/08 / ~~5/28/08~~ / 6/2/08 / 6/6/08 / 6/17/08
Date Expired: 6/23/8 6/26/08 / / / /
Manufacturer: CPI
Storage Condition: room temp

MW #: SXK080512-3
By: SXK
Matrix: aq
Amount: 100mL
Lot #:

Component	Comment	Standard	Concentration
CPI stock			Cl 0.50
solution A	50 ul } dilute to 100ml w/ DIH2O	R201847	SO4 1.0
			NO3 0.05
solution B	50 ul	R201847	(NO3)N 0.05

mg/L

Comment: prepare fresh for each calibration

Reagent Preparation Documentation

Reagent: Anions Autocal 5
Date Received/Prepped: 5/12/08 / 5/28/08 / 6/17/08 / 6/23/8 / / /
Date Expired: / / / / /
Manufacturer: CPI
Storage Condition: ~~prepare for each calibration~~ room temp

MW #: ~~SXF05/2-4~~
By: SXF SXF080512-4
Matrix: aq
Amount: 100mL
Lot #:

Component	Comment	Standard	Concentration
CPI calibration stock			mg/L
Solution A	100 µl } dilute to 100ml w/ DIH2O	R201847	Cl 1.0
			NO3 0.1
Solution B	100 µl }		N(NO2) 0.1
		R201847	SO4 2.0

Comment: prepare fresh for each calibration

Reagent: Anions Autocal 6
Date Received/Prepped: 5/12/08 5/28/08 / 6/17/08 / 6/23/8 / / /
Date Expired: / / / / /
Manufacturer: CPI
Storage Condition: room temp ~~prepare fresh for each calibration~~

MW #: SXF080512-5
By: SXF
Matrix: aq
Amount: 100mL
Lot #:

Component	Comment	Standard	Concentration
CPI calibration stock			mg/L
Solution A	200 µl } dilute to 100ml w/ DIH2O	R201847	Cl 2.0
			NO3 0.2
Solution B	200 µl }		N(NO2) 0.2
		R201847	SO4 4.0

Comment: prepare fresh for each calibration

Reagent: Anions Autocal 7
Date Received/Prepped: 5/12/08 / 5/28/08 / 6/17/08 / 6/29/8 / / /
Date Expired: / / / / /
Manufacturer: CPI
Storage Condition: room temp

MW #: SXF080512-6
By: SXF
Matrix: aq
Amount: 100mL
Lot #:

Component	Comment	Standard	Concentration
CPI calibration			mg/L
stock soln A	900 µl } dilute to 100ml w/ DIH2O	R201847	Cl 5
			NO3 0.5
Solution B	900 µl }		N(NO2) 0.5
		R201847	SO4 10.0

Comment: prepare fresh for each calibration

Reagent Preparation Documentation

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Reagent: Anions AutoCal 8
Date Received/Prepped: 5/12/08 / 5/28/08 / 6/17/08 / 6/23/8 / / /
Date Expired: / / / / / /
Manufacturer: CPI
Storage Condition: room temp

MW #: SXK080512-7
By: SXK
Matrix: aq
Amount: 100ml
Lot #:

Component	Comment	Standard	Concentration (mg/L)
CPI calibration stock			Cl 10.0
Solution A	1.0 ml } dilute to 100ml DIH2O	R201847	NO3 1.0
			N(NO3) 1.0
Solution B	1.0 ml }	R201847	SO4 20.0

Comment: prepare fresh for each calibration

Reagent: Anions AutoCal 9
Date Received/Prepped: 5/12/08 / 5/28/08 / 6/17/08 / 6/23/8 / / /
Date Expired: / / / / / /
Manufacturer: CPI
Storage Condition: room temp

MW #: SXK080512-8
By: SXK
Matrix: aq
Amount: 100ml
Lot #:

Component	Comment	Standard	Concentration (mg/L)
CPI Calibration stock			Cl 25.0
Solution A	2.5ml ml } dilute to 100ml	R201847	NO3 25.0
			N(NO2)25.0
Solution B	2.5ml ml } DIH2O	R201847	SO4 50.0

Comment: prepare fresh for each calibration

Reagent: Anions AutoCal 10/hcl
Date Received/Prepped: 5/12/08 / 5/20/08 / 5/28/08 / 6/3/08 / 6/16/08 / 6/17/08
Date Expired: 6/20/08 / 6/23/8 / 6/27/08 / / /
Manufacturer: CPI
Storage Condition: room temp

MW #: SXK080512-9
By: SXK
Matrix: aq
Amount: 100ml
Lot #:

Component	Comment	Standard	Concentration (mg/L)
CPI Calibration stock			Cl 50.0
Solution A	5.0ml } dilute to	R201847	NO3 5.0
			N(NO2) 5.0
Solution B	5.0ml } 100ml DIH2O	R201847	SO4 100.0

Comment: prepare fresh for each calibration

Reagent Preparation Documentation

Page: 9

Reagent: Anions Autocal II
Date Received/Prepped: 5/12/08 / 5/28/08 / 6/17/08 / 6/23/8 / /
Date Expired: / / / / /
Manufacturer: CPI
Storage Condition: prepare fresh for each calibration

MW #: SYK080512-10
By: SYK
Matrix: aq
Amount: 100ml
Lot #:

Component	Comment	Standard	Concentration (mg/L)
CPI calibration stock			Cl 100.0
solution A	10.0ml } dilute to 100ml DiH2O	R208144	NO3 10.0
			N(NO2) 10.0
Solution B	10.0ml }	R208144	SO4 200.0

Comment: room temp

Reagent: Anions MCV
Date Received/Prepped: 5/17/08 / 5/20/08 / 5/28/08 / 6/4/08 / 6/12/08 / 6/16/08
Date Expired: 6/20/08 / 6/27/08 / / / /
Manufacturer: CPI
Storage Condition: Room temperature

MW #: SYK 080517-1
By: SYK
Matrix: aq
Amount: 100mL
Lot #:

Component	Comment	Standard	Concentration (mg/L)
CPI Calibration			Cl 20.0
Stock soln A	2ml } dilute to 100ml DiH2O	R208144	NO3 2.0
			(NO2)N 2.0
stock soln B	2ml }	R208144	SO4 40.0

Comment: prepare fresh daily

Reagent: ANIONS MCV2
Date Received/Prepped: 5/20/08 / 5/28/08 / 6/4/08 / 6/11/08 / 6/20/08 / 6/23/8
Date Expired: / / / / /
Manufacturer: CPI
Storage Condition: Room temperature

MW #: SYK080520-1
By: SYK
Matrix: aq
Amount: 100 ml
Lot #:

Component	Comment	Standard	Concentration (mg/L)
CPI CALIBRATION Stock			Cl 80.0
solution A	8.0ml } dilute to 100ml w/ DiH2O	208144	NO3 8.0
			(NO2)N 8.0
solution B	8.0ml }	208144	SO4 160.0

Comment: prepare fresh daily.