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Level IV Data Package

MWH Group 209942

Method: EPA 300

2707110558
2707110559

ANIONS QC Checklist

(CHLORIDE, NITRITE, NITRATE & SULFATE)

Analysis Date: 7-11-07 **Analyst:** JKZ

Instrument: IC#7

QC'd by MWE **Date** 071807

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.

NA NO3-LOW1

SO4-LOW1

NO39056

CL-LF

SO4-LF

QIR

X QIR needed for failed QC

X QIR needed for samples analyzed outside of hold time

✓ Change MDL for NO2-N & NO3 to 0.0125 for samples diluted more than 10X.

2707110579 – 50X
2707110586 – 50X } Andy KM
2707110592 – 100X – Marianne – Ca

Misc

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

X for NO2-N, MCL = 1 ppm X for NO3, MCL = 10 ppm

Andy KM

SUMMARY SHEET

File ID: 071107bn
Date Started: 07/11/07
Analyst ID: jkz

SAMPLE ID

AUTOCAL1	(09:54)	AUTOCAL2	(10:09)	AUTOCAL3	(10:22)
AUTOCAL4	(10:35)	AUTOCAL5	(10:48)	AUTOCAL6	(11:01)
AUTOCAL7	(11:14)	AUTOCAL8	(11:27)	AUTOCAL9	(11:40)
AUTOCAL10	(11:53)	AUTOCAL11	(12:06)	LOWRL	(10:23)
2707100583	(11:28)	2707100584_1	(12:07)	2707100589_1	(12:20)
2707100590_1	(12:33)	2707100593_1	(12:46)	2707100594_1	(12:59)
2707100600_1	(13:12)	2707100542_1	(13:25)	2707100351_1	(13:38)
2707100352_1	(13:51)	2707110361	(14:30)	2707110559_1	(14:56)
2707110558_1	(15:09)	270710209_1/	(15:22)	270710222_1/	(15:35)
2707110596	(16:02)	2707110597	(16:15)	2707110573_1	(16:28)
2707110571_1	(16:41)	2707110575_1	(16:54)	LOWRL	(17:46)
2707110568	(18:51)	2707110569_1	(19:30)	2707110576_1	(19:43)
2707110572_1	(19:56)	2707110574_1	(20:09)	2707110592_1	(20:22)
2707100161_1	(20:35)	2707100179_1	(20:48)	2707100137_1	(21:01)
2707100157_1	(21:14)	2707110648_1	(21:53)	2707110653_1	(22:06)
2707110187	(22:19)	2707110188_1	(22:45)	2707110195_1	(22:58)
2707110196_1	(23:11)	2707100037_1	(23:24)		()

COMMENT:

Analyst: BY JKZ

Approved By: MWE 071807

File ID: 071107bn RUN - LOG

Sample ID	Date	Time	Dil
AUTOCAL1	07/09/07	09:54	1
AUTOCAL2	07/09/07	10:09	1
AUTOCAL3	07/09/07	10:22	1
AUTOCAL4	07/09/07	10:35	1
AUTOCAL5	07/09/07	10:48	1
AUTOCAL6	07/09/07	11:01	1
AUTOCAL7	07/09/07	11:14	1
AUTOCAL8	07/09/07	11:27	1
AUTOCAL9	07/09/07	11:40	1
AUTOCAL10	07/09/07	11:53	1
AUTOCAL11	07/09/07	12:06	1
HCV2	07/11/07	09:31	1
HCV1	07/11/07	09:44	1
MCV	07/11/07	09:57	1
CCB	07/11/07	10:10	1
LOWRL	07/11/07	10:23	1
MRL	07/11/07	10:36	1
MBLANK	07/11/07	10:49	1
LCS	07/11/07	11:02	1
LCSD	07/11/07	11:15	1
2707100583	07/11/07	11:28	2
2707100583MS	07/11/07	11:41	2
2707100583MSD	07/11/07	11:54	2
2707100584_1/2	07/11/07	12:07	2
2707100589_1/2	07/11/07	12:20	2
2707100590_1/2	07/11/07	12:33	2
2707100593_1/2	07/11/07	12:46	2
2707100594_1/2	07/11/07	12:59	2
2707100600_1/2	07/11/07	13:12	2
2707100542_1/2	07/11/07	13:25	2
2707100351_1/2	07/11/07	13:38	2
2707100352_1/2	07/11/07	13:51	2
MCV	07/11/07	14:04	1
CCB	07/11/07	14:17	1
2707110361	07/11/07	14:30	2
2707110361MS	07/11/07	14:43	2
2707110559_1/50	07/11/07	14:56	50
2707110558_1/50	07/11/07	15:09	50
2707110209_1/2	07/11/07	15:22	2
2707110222_1/2	07/11/07	15:35	2
2707110596	07/11/07	16:02	1
2707110597	07/11/07	16:15	1
2707110573_1/5	07/11/07	16:28	5
2707110571_1/5	07/11/07	16:41	5
2707110575_1/5	07/11/07	16:54	5
HCV2	07/11/07	17:07	1
HCV1	07/11/07	17:20	1
CCB	07/11/07	17:33	1
LOWRL	07/11/07	17:46	1

File ID: 071107bn RUN - LOG

Sample ID	Date	Time	Dil
MRL	07/11/07	17:59	1
MBLANK	07/11/07	18:12	1
LCS	07/11/07	18:25	1
LCSD	07/11/07	18:38	1
2707110568	07/11/07	18:51	5
2707110568MS	07/11/07	19:04	5
2707110568MSD	07/11/07	19:17	5
2707110569_1/5	07/11/07	19:30	5
2707110576_1/5	07/11/07	19:43	5
2707110572_1/5	07/11/07	19:56	5
2707110574_1/5	07/11/07	20:09	5
2707110592_1/100	07/11/07	20:22	100
2707100161_1/2	07/11/07	20:35	2
2707100179_1/2	07/11/07	20:48	2
2707100137_1/2	07/11/07	21:01	2
2707100157_1/2	07/11/07	21:14	2
MCV	07/11/07	21:27	1
CCB	07/11/07	21:40	1
2707110648_1/5	07/11/07	21:53	5
2707110653_1/5	07/11/07	22:06	5
2707110187	07/11/07	22:19	2
2707110187MS	07/11/07	22:32	2
2707110188_1/2	07/11/07	22:45	2
2707110195_1/2	07/11/07	22:58	2
2707110196_1/2	07/11/07	23:11	2
2707100037_1/100DNR	07/11/07	23:24	100
HCV2	07/11/07	23:37	1
HCV1	07/11/07	23:50	1
CCB	07/12/07	00:03	1
			0

BATCH NUMBER for 071107bn

Test Parameter:

CL NO2-N NO3 SO4 NO3A

Batch ID: 2707100583

2707100583	2707100584_1/2	2707100589_1/2
2707100590_1/2	2707100593_1/2	2707100594_1/2
2707100600_1/2	2707100542_1/2	2707100351_1/2
2707100352_1/2	2707110361	2707110559_1/50
2707110558_1/50	270710209_1/2	270710222_1/2
2707110596	2707110597	2707110573_1/5
2707110571_1/5	2707110575_1/5	

Batch ID: 2707110568

2707110568	2707110569_1/5	2707110576_1/5
2707110572_1/5	2707110574_1/5	2707110592_1/100
2707100161_1/2	2707100179_1/2	2707100137_1/2
2707100157_1/2	2707110648_1/5	2707110653_1/5
2707110187	2707110188_1/2	2707110195_1/2
2707110196_1/2	2707100037_1/100DNR	

File ID: 071107bn NO3

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
AUTOCAL1	07/09/07	09:54	1	0	ND		
AUTOCAL2	07/09/07	10:09	1	.01472187	ND		
AUTOCAL3	07/09/07	10:22	1	.02223079	ND		
AUTOCAL4	07/09/07	10:35	1	.04457028	ND		
AUTOCAL5	07/09/07	10:48	1	9.326363999999999D-02	.1		
AUTOCAL6	07/09/07	11:01	1	.18809	0.19		
AUTOCAL7	07/09/07	11:14	1	.47676	0.48		
AUTOCAL8	07/09/07	11:27	1	.97115	0.97		
AUTOCAL9	07/09/07	11:40	1	2.4509	2.5		
AUTOCAL10	07/09/07	11:53	1	5.0487	5.0		
AUTOCAL11	07/09/07	12:06	1	9.9920	10		
HCV2	07/11/07	09:31	1	8.1725	8.17	90-110	102%
HCV1	07/11/07	09:44	1	4.9885	4.99	90-110	99.7%
MCV	07/11/07	09:57	1	1.9739	1.97	90-110	98.6%
CCB	07/11/07	10:10	1	0	ND		
LOWRL	07/11/07	10:23	1	.01014	ND	IV= 0.0125	80%
MRL	07/11/07	10:36	1	.04543952	ND	50-150	90.8%
MBLANK	07/11/07	10:49	1	0	ND		
LCS	07/11/07	11:02	1	2.4797	2.48	90-110	99.1%
LCSD	07/11/07	11:15	1	2.4396	2.44	90-110	97.5%
2707100583	07/11/07	11:28	2	4.2813	4.3	IV=1.25 1.21	
2707100583MS	07/11/07	11:41	2	6.6950	6.7	~~[2.414]~~	96.5%
2707100583MSD	07/11/07	11:54	2	6.6989	6.7	1.21 ~~[2.418]~~	96.7%
2707100583T	07/11/07	11:54	2		2.50	90 - 110	
2707100584_1/2	07/11/07	12:07	2	4.3019	4.3		
2707100589_1/2	07/11/07	12:20	2	4.2872	4.3		
2707100590_1/2	07/11/07	12:33	2	4.0482	4.0		
2707100593_1/2	07/11/07	12:46	2	4.0122	4.0		
2707100594_1/2	07/11/07	12:59	2	4.0197	4.0		
2707100600_1/2	07/11/07	13:12	2	3.4002	3.4		
2707100542_1/2	07/11/07	13:25	2	3.4465	3.4		
2707100351_1/2	07/11/07	13:38	2	3.3126	3.3		
2707100352_1/2	07/11/07	13:51	2	1.9695	2.0		
MCV	07/11/07	14:04	1	1.9611	1.96	90-110	98.0%
CCB	07/11/07	14:17	1	0	ND		
2707110361	07/11/07	14:30	2	4.3389	4.3		
2707110361MS	07/11/07	14:43	2	6.7258	6.73	1.19 ~~[2.387]~~	95.4%
2707110559_1/50	07/11/07	14:56	50	14.289	14	mc	
2707110558_1/50 DNR	07/11/07	15:09	50	173.90	170	~~use LOWRL 0.0125 instead of MRL~~	
270710209_1/2	07/11/07	15:22	2	.86077	0.86		
270710222_1/2	07/11/07	15:35	2	5.0816	5.1		

File ID: 071107bn

NO3

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
2707110596	07/11/07	16:02	1	.01685936	ND		
2707110597	07/11/07	16:15	1	.01342453	ND		
2707110573_1/5	07/11/07	16:28	5	.05531865	ND		
2707110571_1/5	07/11/07	16:41	5	0	ND		
2707110575_1/5	07/11/07	16:54	5	0	ND		
HCV2	07/11/07	17:07	1	8.1721	8.17	90-110	102%
HCV1	07/11/07	17:20	1	5.0429	5.04	90-110	100%
CCB	07/11/07	17:33	1	0	ND		
LOWRL	07/11/07	17:46	1	.01072483	ND	FV=0.0125 867	
MRL	07/11/07	17:59	1	.04492	ND	50-150	89.8%
MBLANK	07/11/07	18:12	1	0	ND		
LCS	07/11/07	18:25	1	2.5341	2.53	90-110	101%
LCSD	07/11/07	18:38	1	2.4545	2.45	90-110	98.1%
2707110568	07/11/07	18:51	5	2.0771	2.1	N=1.25 1.25	
2707110568MS	07/11/07	19:04	5	8.3071	8.31	~~[6.230]~~	99.6%
2707110568MSD	07/11/07	19:17	5	8.3105	8.31	1.25 ~~[6.233]~~	99.7%
2707110568T	07/11/07	19:17	5		6.25	90 - 110	
2707110569_1/5	07/11/07	19:30	5	4.4287	4.4		
2707110576_1/5	07/11/07	19:43	5	1.3228	1.3		
2707110572_1/5	07/11/07	19:56	5	1.9854	2.0		
2707110574_1/5	07/11/07	20:09	5	2.0574	2.1		
2707110592_1/100	07/11/07	20:22	100	2.0242	ND	~~use LOW RL 0.0125 instead of MRL~~	
2707100161_1/2	07/11/07	20:35	2	1.5496	1.5		
2707100179_1/2	07/11/07	20:48	2	3.4614	3.5		
2707100137_1/2	07/11/07	21:01	2	4.4967	4.5		
2707100157_1/2	07/11/07	21:14	2	1.6104	1.6		
MCV	07/11/07	21:27	1	1.9557	1.96	90-110	97.7%
CCB	07/11/07	21:40	1	0	ND		
2707110648_1/5	07/11/07	21:53	5	3.1609	3.2		
2707110653_1/5	07/11/07	22:06	5	3.0667	3.1		
2707110187	07/11/07	22:19	2	.40777	0.41		
2707110187MS	07/11/07	22:32	2	2.8695	2.87	1.23 ~~[2.462]~~	98.4%
2707110188_1/2	07/11/07	22:45	2	.41597	0.42		
2707110195_1/2	07/11/07	22:58	2	.41402	0.41		
2707110196_1/2	07/11/07	23:11	2	.42139	0.42		
2707100037_1/100DNR	07/11/07	23:24	100	0	ND		
HCV2	07/11/07	23:37	1	8.2153	8.22	90-110	102%
HCV1	07/11/07	23:50	1	5.0381	5.04	90-110	100%
CCB	07/12/07	00:03	1	0	ND		
			0	N/A	ND		

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,	07/09/07 09:54,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
2,	AUTOCAL2,	07/09/07 10:09,	1.0,	0.134083367,	0.01868454,	0.0147219,	0.24013711,
3,	AUTOCAL3,	07/09/07 10:22,	1.0,	0.217860098,	0.022488927,	0.0222308,	0.51960419,
4,	AUTOCAL4,	07/09/07 10:35,	1.0,	0.44491566,	0.046169068,	0.0445703,	0.92092304,
5,	AUTOCAL5,	07/09/07 10:48,	1.0,	0.875210585,	0.093395749,	0.0932636,	1.83242448,
6,	AUTOCAL6,	07/09/07 11:01,	1.0,	1.765391176,	0.187129432,	0.1880988,	3.75867073,
7,	AUTOCAL7,	07/09/07 11:14,	1.0,	4.653035543,	0.470136848,	0.4767655,	9.812738,
8,	AUTOCAL8,	07/09/07 11:27,	1.0,	9.676420307,	0.966572469,	0.9711557,	19.8497987,
9,	AUTOCAL9,	07/09/07 11:40,	1.0,	25.31874657,	2.434087081,	2.4509903,	50.185407,
10,	AUTOCAL10,	07/09/07 11:53,	1.0,	49.94653622,	5.064211855,	5.0487507,	99.967219,
11,	AUTOCAL11,	07/09/07 12:06,	1.0,	88.94765313,	9.989318313,	9.9920043,	182.675707,
12,	HCV2,	07/11/07 09:31,	1.0,	75.77118189,	8.198739689,	8.172566,	155.413489,
13,	HCV1,	07/11/07 09:44,	1.0,	49.44637548,	4.990353015,	4.9885456,	99.4449352,
14,	MCV,	07/11/07 09:57,	1.0,	20.21445388,	1.98554471,	1.9739105,	40.4428447,
15,	CCB,	07/11/07 10:10,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
16,	LOWRL,	07/11/07 10:23,	1.0,	0.122561746,	0.012617338,	0.0101483,	0.24744198,
17,	MRL,	07/11/07 10:36,	1.0,	0.462775996,	0.04528309,	0.0454395,	0.9424745,
18,	MBLANK,	07/11/07 10:49,	1.0,	0.020597378,	n.a.,	n.a.,	n.a.,
19,	LCS,	07/11/07 11:02,	1.0,	25.79003088,	0.963494361,	2.4797486,	51.7354289,
20,	LCSD,	07/11/07 11:15,	1.0,	25.27415975,	0.943098034,	2.4396243,	50.7524206,
21,	2707100583,	07/11/07 11:28,	2.0,	38.54261032,	n.a.,	4.2813031,	184.088634,
22,	2707100583MS,	07/11/07 11:41,	2.0,	63.3137234,	0.861555249,	6.6950144,	227.966615,
23,	2707100583MSD,	07/11/07 11:54,	2.0,	63.30867132,	0.85890382,	6.698928,	227.851656,
24,	2707100584_1/2,	07/11/07 12:07,	2.0,	38.60082157,	n.a.,	4.3019453,	184.374853,
25,	2707100589_1/2,	07/11/07 12:20,	2.0,	38.55962338,	n.a.,	4.2872808,	184.118386,
26,	2707100590_1/2,	07/11/07 12:33,	2.0,	38.45866309,	n.a.,	4.0482795,	183.66664,
27,	2707100593_1/2,	07/11/07 12:46,	2.0,	38.13073144,	n.a.,	4.0122943,	182.048857,
28,	2707100594_1/2,	07/11/07 12:59,	2.0,	38.14284861,	n.a.,	4.0197657,	182.039333,
29,	2707100600_1/2,	07/11/07 13:12,	2.0,	19.15548078,	n.a.,	3.4002358,	50.1468664,
30,	2707100542_1/2,	07/11/07 13:25,	2.0,	49.0541082,	n.a.,	3.4465139,	132.086232,
31,	2707100351_1/2,	07/11/07 13:38,	2.0,	23.96193161,	n.a.,	3.3126334,	40.2743512,
32,	2707100352_1/2,	07/11/07 13:51,	2.0,	28.46275048,	n.a.,	1.9695062,	43.1801296,
33,	MCV,	07/11/07 14:04,	1.0,	20.1533394,	1.976126553,	1.961198,	40.179809,
34,	CCB,	07/11/07 14:17,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
35,	2707110361,	07/11/07 14:30,	2.0,	5.522141189,	n.a.,	4.3389717,	5.01678015,
36,	2707110361MS,	07/11/07 14:43,	2.0,	30.33557567,	0.794481698,	6.7258354,	54.5342795,
37,	2707110559_1/50,	07/11/07 14:56,	50.0,	1886.616708,	n.a.,	14.289313,	1607.38075,
38,	2707110558_1/50,	07/11/07 15:09,	50.0,	2125.521481,	n.a.,	173.90274,	1499.51996,
39,	27071[illegible]209_1/2,	07/11/07 15:22,	2.0,	25.44437444,	n.a.,	0.8607732,	28.4027291,
40,	27071[illegible]222_1/2,	07/11/07 15:35,	2.0,	72.998483,	n.a.,	5.0816445,	25.7257462,
41,	2707110596,	07/11/07 16:02,	1.0,	9.029837222,	n.a.,	0.0168594,	2.23674846,
42,	2707110597,	07/11/07 16:15,	1.0,	0.618698558,	n.a.,	0.0134245,	1.61586689,
43,	2707110573_1/5,	07/11/07 16:28,	5.0,	143.6492135,	n.a.,	0.0553187,	46.3370977,
44,	2707110571_1/5,	07/11/07 16:41,	5.0,	105.208575,	n.a.,	n.a.,	38.0379092,

45,	2707110575_1/5,	07/11/07 16:54,	5.0,	95.51131952,	n.a.,	n.a.,	25.5110849,
46,	HCV2,	07/11/07 17:07,	1.0,	75.78564983,	8.228977698,	8.1721912,	154.671444,
47,	HCV1,	07/11/07 17:20,	1.0,	49.95019447,	5.069880715,	5.0429416,	100.275558,
48,	CCB,	07/11/07 17:33,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
49,	LOWRL,	07/11/07 17:46,	1.0,	0.118403353,	0.012588268,	0.0107248,	0.24099487,
50,	MRL,	07/11/07 17:59,	1.0,	0.451426967,	0.045637387,	0.0449238,	0.95200464,
51,	MBLANK,	07/11/07 18:12,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
52,	LCS,	07/11/07 18:25,	1.0,	26.21008031,	0.973860064,	2.5341333,	52.75646,
53,	LCSD,	07/11/07 18:38,	1.0,	25.4308044,	0.947196024,	2.4545498,	51.0730956,
54,	2707110568,	07/11/07 18:51,	5.0,	85.61880966,	n.a.,	2.0771339,	60.382926,
55,	2707110568MS,	07/11/07 19:04,	5.0,	151.0715177,	2.190686342,	8.3071088,	191.608877,
56,	2707110568MSD,	07/11/07 19:17,	5.0,	151.0159444,	2.187833388,	8.3105952,	191.158303,
57,	2707110569_1/5,	07/11/07 19:30,	5.0,	118.5268547,	n.a.,	4.4287782,	58.1637041,
58,	2707110576_1/5,	07/11/07 19:43,	5.0,	79.50076268,	n.a.,	1.3228354,	69.2838501,
59,	2707110572_1/5,	07/11/07 19:56,	5.0,	94.29375284,	n.a.,	1.9854092,	64.9668942,
60,	2707110574_1/5,	07/11/07 20:09,	5.0,	90.39886027,	n.a.,	2.0574175,	64.4263256,
61,	2707110592_1/100,	07/11/07 20:22,	100.0,	13227.88185,	n.a.,	2.0242975,	2257.28648,
62,	2707100161_1/2,	07/11/07 20:35,	2.0,	33.53339975,	n.a.,	1.5496591,	31.1930069,
63,	2707100179_1/2,	07/11/07 20:48,	2.0,	65.37908062,	n.a.,	3.4614623,	26.7276419,
64,	2707100137_1/2,	07/11/07 21:01,	2.0,	77.74426722,	n.a.,	4.496714,	26.6478267,
65,	2707100157_1/2,	07/11/07 21:14,	2.0,	26.66802909,	n.a.,	1.6104632,	25.965408,
66,	MCV,	07/11/07 21:27,	1.0,	20.22240266,	1.983328921,	1.9557033,	40.2753978,
67,	CCB,	07/11/07 21:40,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
68,	2707110648_1/5,	07/11/07 21:53,	5.0,	46.37984154,	n.a.,	3.1609829,	159.080996,
69,	2707110653_1/5,	07/11/07 22:06,	5.0,	46.30355195,	n.a.,	3.0667171,	159.904443,
70,	2707110187,	07/11/07 22:19,	2.0,	77.03139481,	n.a.,	0.4077704,	99.8433513,
71,	2707110187MS,	07/11/07 22:32,	2.0,	99.90627949,	0.82285992,	2.8695122,	149.413809,
72,	2707110188_1/2,	07/11/07 22:45,	2.0,	77.6217728,	n.a.,	0.4159776,	100.80097,
73,	2707110195_1/2,	07/11/07 22:58,	2.0,	77.24705317,	n.a.,	0.4140232,	100.30916,
74,	2707110196_1/2,	07/11/07 23:11,	2.0,	77.80896073,	n.a.,	0.4213943,	100.783045,
75,	2707100037_1/100[	07/11/07 23:24,	100.0,	n.a.,	n.a.,	n.a.,	n.a.,
76,	HCV2,	07/11/07 23:37,	1.0,	76.09512968,	8.257915993,	8.2153187,	155.489876,
77,	HCV1,	07/11/07 23:50,	1.0,	49.79773743,	5.070256788,	5.038137,	100.128322,
78,	CCB,	07/12/07 00:03,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
79,	STOP,	07/12/07 00:16,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,

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0.04718925,
0.19766471,
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Sequence: 071107-ANION-IC7
Operator: jkz
Title:
Datasource: Dionex_USPAS2SDIO2
Location: IC\IC7_anions spare\2007\July
Timebase: IC7
#Samples: 79

Created: 7/11/2007 9:30:12 AM by jkz
Last Update: 7/12/2007 11:04:39 AM by jkz

No.	Name	Sample ID	Dil. Factor	Type	Program
1	AUTOCAL1		1.0000	Standard	IC7-ANIONS PROGRAM
2	AUTOCAL2		1.0000	Standard	IC7-ANIONS PROGRAM
3	AUTOCAL3		1.0000	Standard	IC7-ANIONS PROGRAM
4	AUTOCAL4		1.0000	Standard	IC7-ANIONS PROGRAM
5	AUTOCAL5		1.0000	Standard	IC7-ANIONS PROGRAM
6	AUTOCAL6		1.0000	Standard	IC7-ANIONS PROGRAM
7	AUTOCAL7		1.0000	Standard	IC7-ANIONS PROGRAM
8	AUTOCAL8		1.0000	Standard	IC7-ANIONS PROGRAM
9	AUTOCAL9		1.0000	Standard	IC7-ANIONS PROGRAM
10	AUTOCAL10		1.0000	Standard	IC7-ANIONS PROGRAM
11	AUTOCAL11		1.0000	Standard	IC7-ANIONS PROGRAM
12	HCV2		1.0000	Unknown	IC7-ANIONS PROGRAM
13	HCV1		1.0000	Unknown	IC7-ANIONS PROGRAM
14	MCV		1.0000	Unknown	IC7-ANIONS PROGRAM
15	CCB		1.0000	Unknown	IC7-ANIONS PROGRAM
16	LOWRL		1.0000	Unknown	IC7-ANIONS PROGRAM
17	MRL		1.0000	Unknown	IC7-ANIONS PROGRAM
18	MBLANK		1.0000	Unknown	IC7-ANIONS PROGRAM
19	LCS		1.0000	Unknown	IC7-ANIONS PROGRAM
20	LCSD		1.0000	Unknown	IC7-ANIONS PROGRAM
21	2707100583	[redacted]_1/2	2.0000	Unknown	IC7-ANIONS PROGRAM
22	2707100583MS	[redacted]_1/2	2.0000	Unknown	IC7-ANIONS PROGRAM
23	2707100583MSD	[redacted]_1/2	2.0000	Unknown	IC7-ANIONS PROGRAM
24	2707100584_1/2	[redacted]	2.0000	Unknown	IC7-ANIONS PROGRAM
25	2707100589_1/2	[redacted]	2.0000	Unknown	IC7-ANIONS PROGRAM
26	2707100590_1/2	[redacted]	2.0000	Unknown	IC7-ANIONS PROGRAM
27	2707100593_1/2	[redacted]	2.0000	Unknown	IC7-ANIONS PROGRAM
28	2707100594_1/2	[redacted]	2.0000	Unknown	IC7-ANIONS PROGRAM
29	2707100600_1/2	[redacted]	2.0000	Unknown	IC7-ANIONS PROGRAM
30	2707100542_1/2	[redacted]	2.0000	Unknown	IC7-ANIONS PROGRAM
31	2707100351_1/2	[redacted]	2.0000	Unknown	IC7-ANIONS PROGRAM
32	2707100352_1/2	[redacted]	2.0000	Unknown	IC7-ANIONS PROGRAM
33	MCV		1.0000	Unknown	IC7-ANIONS PROGRAM
34	CCB		1.0000	Unknown	IC7-ANIONS PROGRAM
35	2707110361	[redacted]	2.0000	Unknown	IC7-ANIONS PROGRAM
36	2707110361MS	[redacted]	2.0000	Unknown	IC7-ANIONS PROGRAM
37	2707110559_1/50	KERR-INFLUENT	50.0000	Unknown	IC7-ANIONS PROGRAM
38	2707110558_1/50	KERR-EFFLUENT	50.0000	Unknown	IC7-ANIONS PROGRAM
39	270710209_1/2	[redacted]	2.0000	Unknown	IC7-ANIONS PROGRAM
40	270710222_1/2	[redacted]	2.0000	Unknown	IC7-ANIONS PROGRAM
41	2707110596	[redacted]	1.0000	Unknown	IC7-ANIONS PROGRAM
42	2707110597	[redacted]	1.0000	Unknown	IC7-ANIONS PROGRAM

Title:
Datasource: Dionex_USPAS2SDIO2
Location: IC\IC7_anions spare\2007\July
Timebase: IC7
#Samples: 79

Created: 7/11/2007 9:30:12 AM by jkz
Last Update: 7/12/2007 11:04:39 AM by jkz

No.	Name	Method	Status	Comment	Inj. Date/Time	*Analyst	*operator
1	AUTOCAL1	ANION-IC#7	Finished		7/9/2007 9:54:25 AM	JKZ	
2	AUTOCAL2	ANION-IC#7	Finished	JKZ070709-1	7/9/2007 10:09:01 AM	JKZ	
3	AUTOCAL3	ANION-IC#7	Finished	JKZ070709-2	7/9/2007 10:22:04 AM	JKZ	
4	AUTOCAL4	ANION-IC#7	Finished	JKZ070709-3	7/9/2007 10:35:08 AM	JKZ	
5	AUTOCAL5	ANION-IC#7	Finished	JKZ070709-4	7/9/2007 10:48:10 AM	JKZ	
6	AUTOCAL6	ANION-IC#7	Finished	JKZ070709-5	7/9/2007 11:01:08 AM	JKZ	
7	AUTOCAL7	ANION-IC#7	Finished	JKZ070709-6	7/9/2007 11:14:10 AM	JKZ	
8	AUTOCAL8	ANION-IC#7	Finished	JKZ070709-7	7/9/2007 11:27:12 AM	JKZ	
9	AUTOCAL9	ANION-IC#7	Finished	JKZ070709-8	7/9/2007 11:40:12 AM	JKZ	
10	AUTOCAL10	ANION-IC#7	Finished	JKZ070709-9	7/9/2007 11:53:11 AM	JKZ	
11	AUTOCAL11	ANION-IC#7	Finished	JKZ070709-10	7/9/2007 12:06:11 PM	JKZ	
12	HCV2	ANION-IC#7	Finished		7/11/2007 9:31:42 AM	JKZ	
13	HCV1	ANION-IC#7	Finished		7/11/2007 9:44:42 AM	JKZ	
14	MCV	ANION-IC#7	Finished		7/11/2007 9:57:41 AM	JKZ	
15	CCB	ANION-IC#7	Finished		7/11/2007 10:10:41 AM	JKZ	
16	LOWRL	ANION-IC#7	Finished		7/11/2007 10:23:41 AM	JKZ	
17	MRL	ANION-IC#7	Finished		7/11/2007 10:36:41 AM	JKZ	
18	MBLANK	ANION-IC#7	Finished		7/11/2007 10:49:41 AM	JKZ	
19	LCS	ANION-IC#7	Finished		7/11/2007 11:02:40 AM	JKZ	
20	LCSD	ANION-IC#7	Finished		7/11/2007 11:15:41 AM	JKZ	
21	2707100583	ANION-IC#7	Finished		7/11/2007 11:28:41 AM	JKZ	
22	2707100583MS	ANION-IC#7	Finished		7/11/2007 11:41:41 AM	JKZ	
23	2707100583MSD	ANION-IC#7	Finished		7/11/2007 11:54:41 AM	JKZ	
24	2707100584_1/2	ANION-IC#7	Finished		7/11/2007 12:07:40 PM	JKZ	
25	2707100589_1/2	ANION-IC#7	Finished		7/11/2007 12:20:40 PM	JKZ	
26	2707100590_1/2	ANION-IC#7	Finished		7/11/2007 12:33:40 PM	JKZ	
27	2707100593_1/2	ANION-IC#7	Finished		7/11/2007 12:46:41 PM	JKZ	
28	2707100594_1/2	ANION-IC#7	Finished		7/11/2007 12:59:41 PM	JKZ	
29	2707100600_1/2	ANION-IC#7	Finished		7/11/2007 1:12:41 PM	JKZ	
30	2707100542_1/2	ANION-IC#7	Finished		7/11/2007 1:25:40 PM	JKZ	
31	2707100351_1/2	ANION-IC#7	Finished		7/11/2007 1:38:40 PM	JKZ	
32	2707100352_1/2	ANION-IC#7	Finished		7/11/2007 1:51:40 PM	JKZ	
33	MCV	ANION-IC#7	Finished		7/11/2007 2:04:39 PM	JKZ	
34	CCB	ANION-IC#7	Finished		7/11/2007 2:17:39 PM	JKZ	
35	2707110361	ANION-IC#7	Finished		7/11/2007 2:30:39 PM	JKZ	
36	2707110361MS	ANION-IC#7	Finished		7/11/2007 2:43:39 PM	JKZ	
37	2707110559_1/50	ANION-IC#7	Finished		7/11/2007 2:56:39 PM	JKZ	
38	2707110558_1/50MS	ANION-IC#7	Finished		7/11/2007 3:09:39 PM	JKZ	
39	270710209_1/2	ANION-IC#7	Finished		7/11/2007 3:22:39 PM	JKZ	
40	270710222_1/2	ANION-IC#7	Finished		7/11/2007 3:35:39 PM	JKZ	
41	2707110596	ANION-IC#7	Finished		7/11/2007 4:02:58 PM	JKZ	
42	2707110597	ANION-IC#7	Finished		7/11/2007 4:15:59 PM	JKZ	

Title:
Datasource: Dionex_USPAS2SDIO2
Location: IC\IC7_anions spare\2007\July
Timebase: IC7
#Samples: 79

Created: 7/11/2007 9:30:12 AM by jkz
Last Update: 7/12/2007 11:04:39 AM by jkz

No.	Name	*Spike
1	AUTOCAL1	
2	AUTOCAL2	
3	AUTOCAL3	
4	AUTOCAL4	
5	AUTOCAL5	
6	AUTOCAL6	
7	AUTOCAL7	
8	AUTOCAL8	
9	AUTOCAL9	
10	AUTOCAL10	
11	AUTOCAL11	
12	HCV2	
13	HCV1	
14	MCV	
15	CCB	
16	LOWRL	
17	MRL	
18	MBLANK	
19	LCS	
20	LCSD	
21	2707100583	
22	2707100583MS	
23	2707100583MSD	
24	2707100584_1/2	
25	2707100589_1/2	
26	2707100590_1/2	
27	2707100593_1/2	
28	2707100594_1/2	
29	2707100600_1/2	
30	2707100542_1/2	
31	2707100351_1/2	
32	2707100352_1/2	
33	MCV	
34	CCB	
35	2707110361	
36	2707110361MS	
37	2707110559_1/50	
38	2707110558_1/50 DVTL	
39	270710209_1/2	
40	270710222_1/2	
41	2707110596	
42	2707110597	

Title:
Datasource: Dionex_USPAS2SDIO2
Location: IC\IC7_anions spare\2007\July
Timebase: IC7
#Samples: 79

Created: 7/11/2007 9:30:12 AM by jkz
Last Update: 7/12/2007 11:04:39 AM by jkz

No.	Name	Sample ID	Dil. Factor	Type	Program
43	2707110573_1/5	[redacted]#2	5.0000	Unknown	IC7-ANIONS PROGRAM
44	2707110571_1/5	[redacted]11	5.0000	Unknown	IC7-ANIONS PROGRAM
45	2707110575_1/5	[redacted]12	5.0000	Unknown	IC7-ANIONS PROGRAM
46	HCV2		1.0000	Unknown	IC7-ANIONS PROGRAM
47	HCV1		1.0000	Unknown	IC7-ANIONS PROGRAM
48	CCB		1.0000	Unknown	IC7-ANIONS PROGRAM
49	LOWRL		1.0000	Unknown	IC7-ANIONS PROGRAM
50	MRL		1.0000	Unknown	IC7-ANIONS PROGRAM
51	MBLANK		1.0000	Unknown	IC7-ANIONS PROGRAM
52	LCS		1.0000	Unknown	IC7-ANIONS PROGRAM
53	LCSD		1.0000	Unknown	IC7-ANIONS PROGRAM
54	2707110568	[redacted]29_1/5	5.0000	Unknown	IC7-ANIONS PROGRAM
55	2707110568MS	[redacted]29_1/5	5.0000	Unknown	IC7-ANIONS PROGRAM
56	2707110568MSD	[redacted]29_1/5	5.0000	Unknown	IC7-ANIONS PROGRAM
57	2707110569_1/5	[redacted]30	5.0000	Unknown	IC7-ANIONS PROGRAM
58	2707110576_1/5	[redacted]31	5.0000	Unknown	IC7-ANIONS PROGRAM
59	2707110572_1/5	[redacted]INTERMEDIATE	5.0000	Unknown	IC7-ANIONS PROGRAM
60	2707110574_1/5	[redacted]ANK	5.0000	Unknown	IC7-ANIONS PROGRAM
61	2707110592_1/100	[redacted]WELL	100.0000	Unknown	IC7-ANIONS PROGRAM
62	2707100161_1/2	[redacted]RT	2.0000	Unknown	IC7-ANIONS PROGRAM
63	2707100179_1/2	[redacted]	2.0000	Unknown	IC7-ANIONS PROGRAM
64	2707100137_1/2	[redacted]	2.0000	Unknown	IC7-ANIONS PROGRAM
65	2707100157_1/2	[redacted]EAD	2.0000	Unknown	IC7-ANIONS PROGRAM
66	MCV		1.0000	Unknown	IC7-ANIONS PROGRAM
67	CCB		1.0000	Unknown	IC7-ANIONS PROGRAM
68	2707110648_1/5	[redacted]068	5.0000	Unknown	IC7-ANIONS PROGRAM
69	2707110653_1/5	[redacted]069	5.0000	Unknown	IC7-ANIONS PROGRAM
70	2707110187	[redacted]/2	2.0000	Unknown	IC7-ANIONS PROGRAM
71	2707110187MS	[redacted]/2	2.0000	Unknown	IC7-ANIONS PROGRAM
72	2707110188_1/2	[redacted]RES	2.0000	Unknown	IC7-ANIONS PROGRAM
73	2707110195_1/2	[redacted]ANADA	2.0000	Unknown	IC7-ANIONS PROGRAM
74	2707110196_1/2	[redacted]RES	2.0000	Unknown	IC7-ANIONS PROGRAM
75	2707100037_1/100DNR	[redacted]T(NaF)	100.0000	Unknown	IC7-ANIONS PROGRAM
76	HCV2		1.0000	Unknown	IC7-ANIONS PROGRAM
77	HCV1		1.0000	Unknown	IC7-ANIONS PROGRAM
78	CCB		1.0000	Unknown	IC7-ANIONS PROGRAM
79	STOP		1.0000	Unknown	IC#7-ANION-STOP

Title:
Datasource: Dionex_USPAS2SDIO2
Location: IC\IC7_anions spare\2007\July
Timebase: IC7
#Samples: 79

Created: 7/11/2007 9:30:12 AM by jkz
Last Update: 7/12/2007 11:04:39 AM by jkz

No.	Name	Method	Status	Comment	Inj. Date/Time	*Analyst	*operator
43	2707110573_1/5	ANION-IC#7	Finished		7/11/2007 4:28:58 PM	JKZ	
44	2707110571_1/5	ANION-IC#7	Finished		7/11/2007 4:41:59 PM	JKZ	
45	2707110575_1/5	ANION-IC#7	Finished		7/11/2007 4:54:59 PM	JKZ	
46	HCV2	ANION-IC#7	Finished		7/11/2007 5:07:58 PM	JKZ	
47	HCV1	ANION-IC#7	Finished		7/11/2007 5:20:59 PM	JKZ	
48	CCB	ANION-IC#7	Finished		7/11/2007 5:33:59 PM	JKZ	
49	LOWRL	ANION-IC#7	Finished		7/11/2007 5:46:59 PM	JKZ	
50	MRL	ANION-IC#7	Finished		7/11/2007 5:59:59 PM	JKZ	
51	MBLANK	ANION-IC#7	Finished		7/11/2007 6:12:59 PM	JKZ	
52	LCS	ANION-IC#7	Finished		7/11/2007 6:25:59 PM	JKZ	
53	LCSD	ANION-IC#7	Finished		7/11/2007 6:38:59 PM	JKZ	
54	2707110568	ANION-IC#7	Finished		7/11/2007 6:51:59 PM	JKZ	
55	2707110568MS	ANION-IC#7	Finished		7/11/2007 7:04:58 PM	JKZ	
56	2707110568MSD	ANION-IC#7	Finished		7/11/2007 7:17:59 PM	JKZ	
57	2707110569_1/5	ANION-IC#7	Finished		7/11/2007 7:30:58 PM	JKZ	
58	2707110576_1/5	ANION-IC#7	Finished		7/11/2007 7:43:58 PM	JKZ	
59	2707110572_1/5	ANION-IC#7	Finished		7/11/2007 7:56:58 PM	JKZ	
60	2707110574_1/5	ANION-IC#7	Finished		7/11/2007 8:09:58 PM	JKZ	
61	2707110592_1/100	ANION-IC#7	Finished		7/11/2007 8:22:58 PM	JKZ	
62	2707100161_1/2	ANION-IC#7	Finished		7/11/2007 8:35:58 PM	JKZ	
63	2707100179_1/2	ANION-IC#7	Finished		7/11/2007 8:48:57 PM	JKZ	
64	2707100137_1/2	ANION-IC#7	Finished		7/11/2007 9:01:57 PM	JKZ	
65	2707100157_1/2	ANION-IC#7	Finished		7/11/2007 9:14:57 PM	JKZ	
66	MCV	ANION-IC#7	Finished		7/11/2007 9:27:57 PM	JKZ	
67	CCB	ANION-IC#7	Finished		7/11/2007 9:40:57 PM	JKZ	
68	2707110648_1/5	ANION-IC#7	Finished		7/11/2007 9:53:57 PM	JKZ	
69	2707110653_1/5	ANION-IC#7	Finished		7/11/2007 10:06:57 PM	JKZ	
70	2707110187	ANION-IC#7	Finished		7/11/2007 10:19:58 PM	JKZ	
71	2707110187MS	ANION-IC#7	Finished		7/11/2007 10:32:58 PM	JKZ	
72	2707110188_1/2	ANION-IC#7	Finished		7/11/2007 10:45:58 PM	JKZ	
73	2707110195_1/2	ANION-IC#7	Finished		7/11/2007 10:58:58 PM	JKZ	
74	2707110196_1/2	ANION-IC#7	Finished		7/11/2007 11:11:58 PM	JKZ	
75	2707100037_1/100DNR	ANION-IC#7	Finished		7/11/2007 11:24:58 PM	JKZ	
76	HCV2	ANION-IC#7	Finished		7/11/2007 11:37:58 PM	JKZ	
77	HCV1	ANION-IC#7	Finished		7/11/2007 11:50:58 PM	JKZ	
78	CCB	ANION-IC#7	Finished		7/12/2007 12:03:59 AM	JKZ	
79	STOP	ANION-IC#7	Finished		7/12/2007 12:16:58 AM	JKZ	

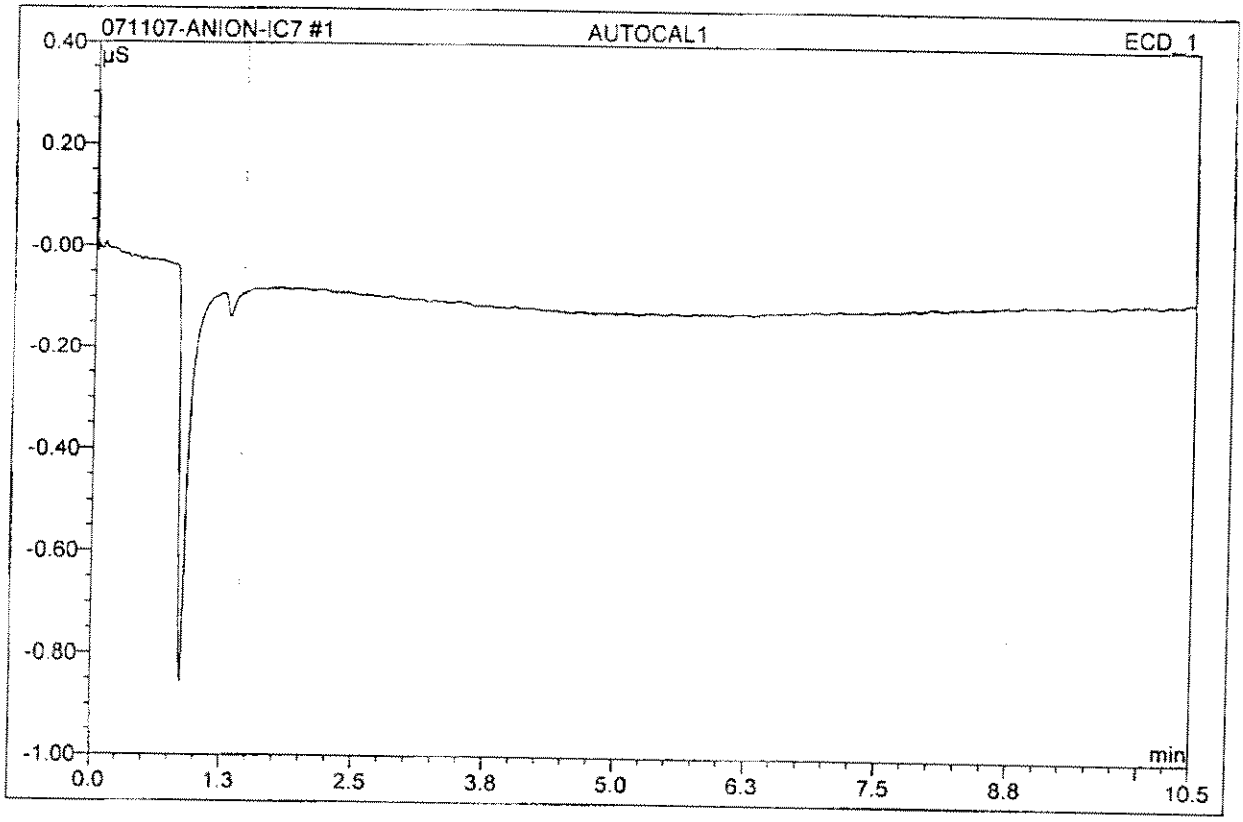
Title:
Datasource: Dionex_USPAS2SDIO2
Location: IC\IC7_anions spare\2007\July
Timebase: IC7
#Samples: 79

Created: 7/11/2007 9:30:12 AM by jkz
Last Update: 7/12/2007 11:04:39 AM by jkz

No.	Name	*Spike
43	2707110573_1/5	
44	2707110571_1/5	
45	2707110575_1/5	
46	HCV2	
47	HCV1	
48	CCB	
49	LOWRL	
50	MRL	
51	MBLANK	
52	LCS	
53	LCSD	
54	2707110568	
55	2707110568MS	
56	2707110568MSD	
57	2707110569_1/5	
58	2707110576_1/5	
59	2707110572_1/5	
60	2707110574_1/5	
61	2707110592_1/100	
62	2707100161_1/2	
63	2707100179_1/2	
64	2707100137_1/2	
65	2707100157_1/2	
66	MCV	
67	CCB	
68	2707110648_1/5	
69	2707110653_1/5	
70	2707110187	
71	2707110187MS	
72	2707110188_1/2	
73	2707110195_1/2	
74	2707110196_1/2	
75	2707100037_1/100DNR	
76	HCV2	
77	HCV1	
78	CCB	
79	STOP	

1 AUTOCAL1

Sample Name:	**AUTOCAL1**	*Injection Volume:*	**1000.0**
Vial Number:	**18**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/9/2007 9:54**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**

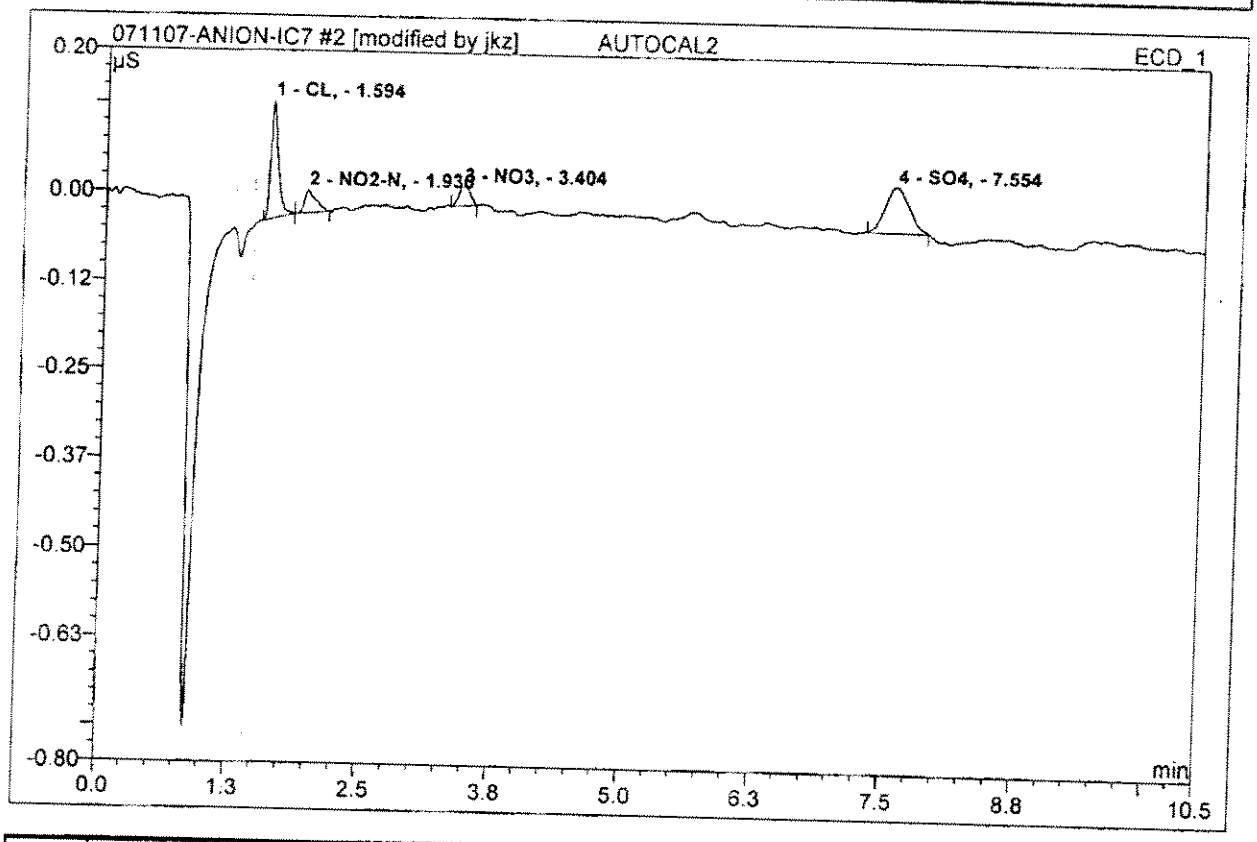


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

2 AUTOCAL2

JKZ070709-1

Sample Name:	**AUTOCAL2**	*Injection Volume:*	**1000.0**
Vial Number:	**17**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/9/2007 10:09**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**

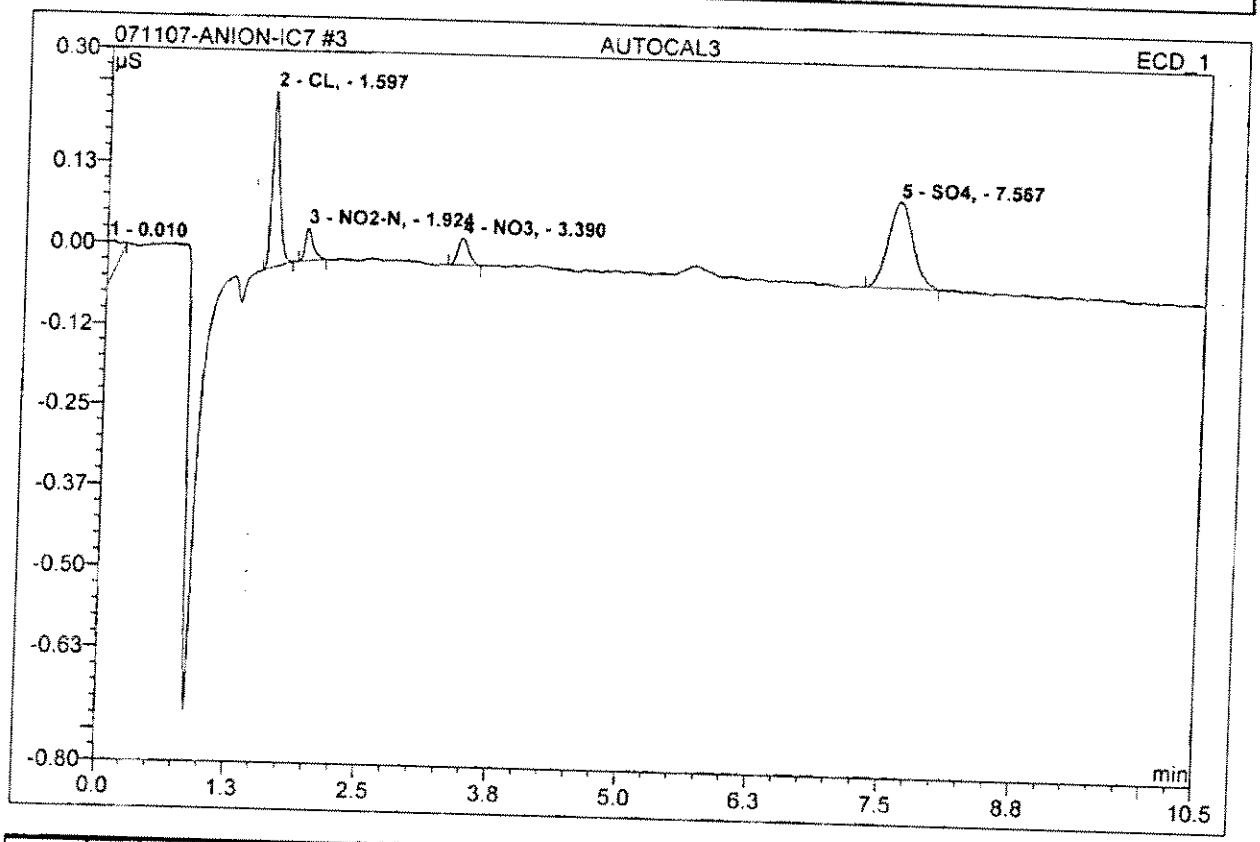


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.59	CL,	0.164	0.013	36.03	0.134	BMb*
2	1.93	NO2-N,	0.031	0.004	10.01	0.019	bMB*
3	3.40	NO3,	0.027	0.003	9.05	0.015	BMB
4	7.55	SO4,	0.063	0.017	44.91	0.240	BMB
Total:			0.285	0.037	100.00	0.408	

3 AUTOCAL3

JKZ070709-2

Sample Name:	**AUTOCAL3**	*Injection Volume:*	**1000.0**
Vial Number:	**18**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/9/2007 10:22**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**

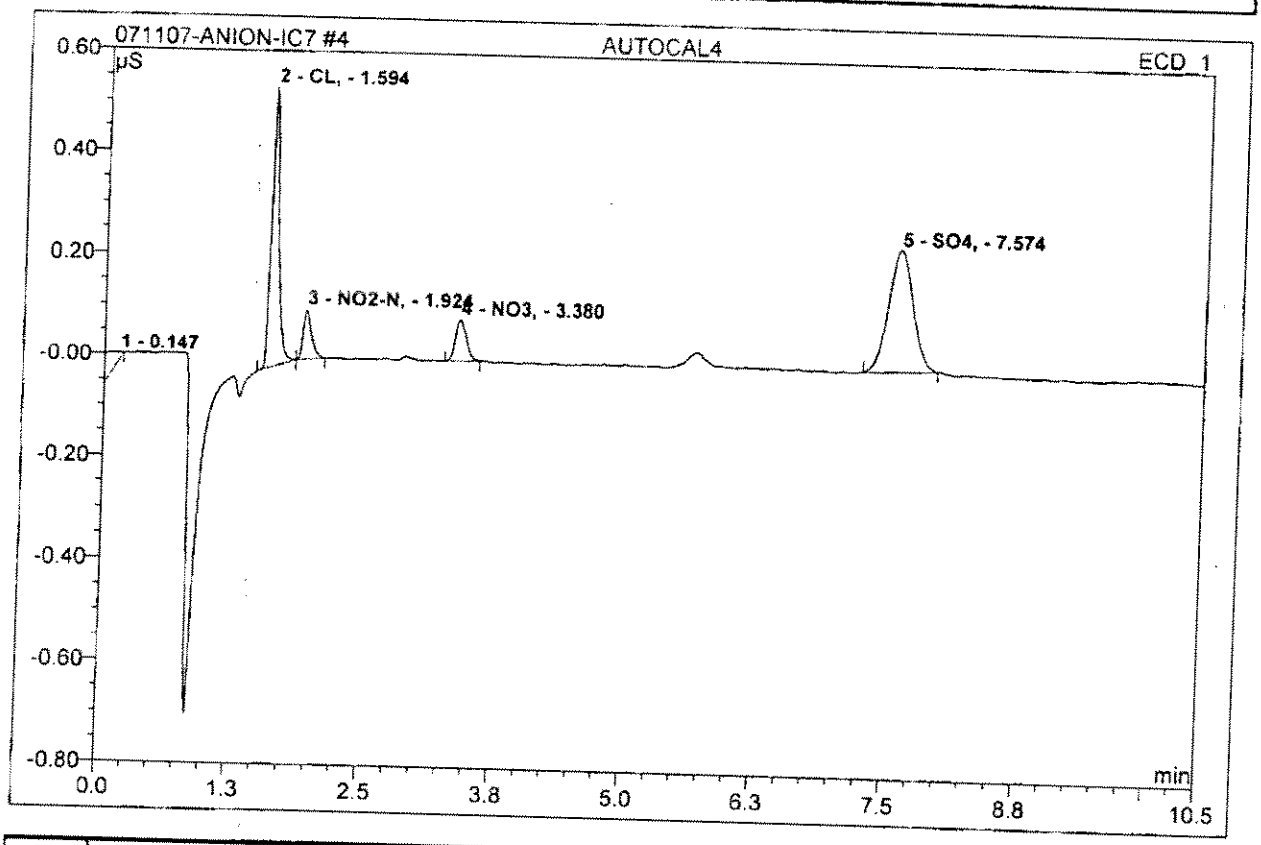


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
2	1.60	CL,	0.272	0.022	29.60	0.218	BMB
3	1.92	NO2-N,	0.050	0.004	6.09	0.022	BMB
4	3.39	NO3,	0.042	0.005	6.91	0.022	BMB
5	7.57	SO4,	0.132	0.036	49.15	0.520	BMB
Total:			0.497	0.068	91.75	0.782	

4 AUTOCAL4

JKZ070709-3

Sample Name:	**AUTOCAL4**	*Injection Volume:*	**1000.0**
Vial Number:	**18**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/9/2007 10:35**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**

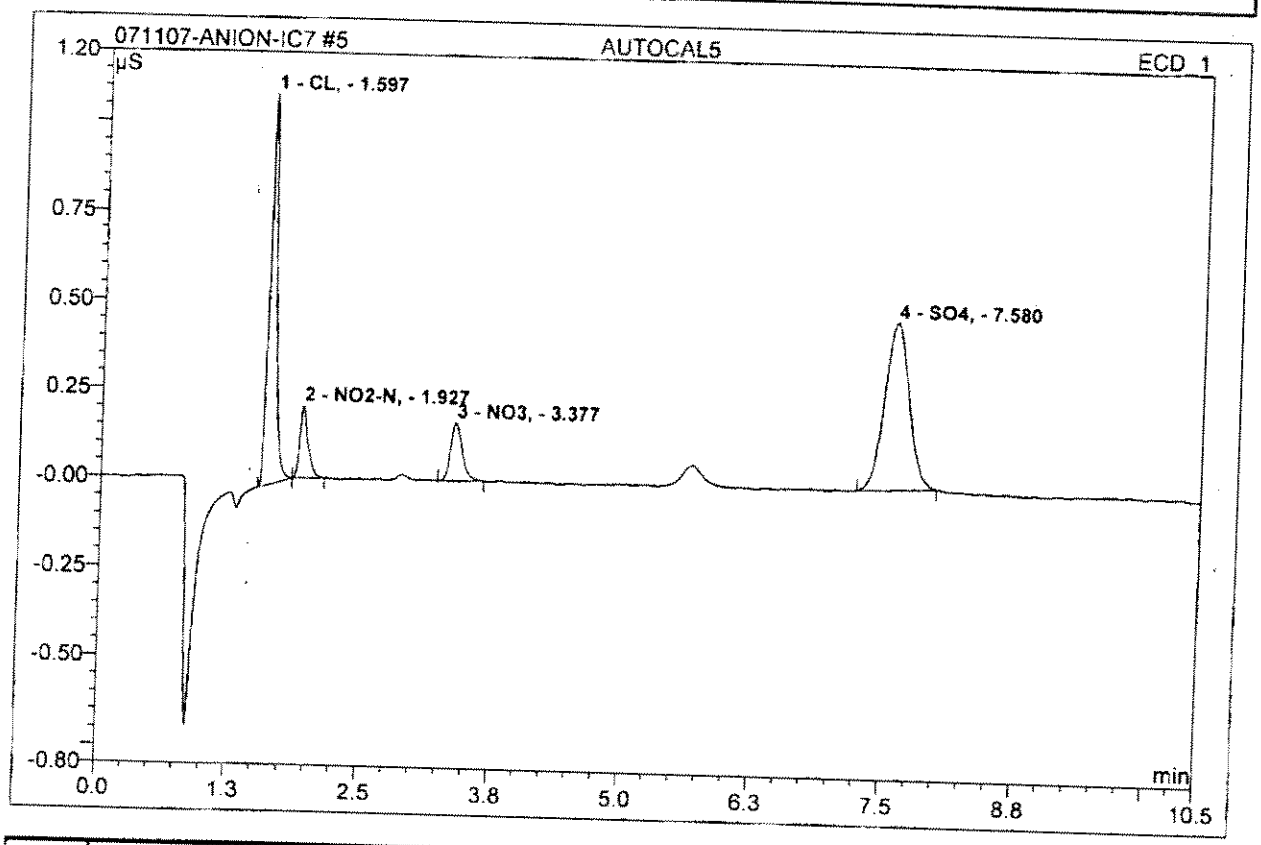


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
2	1.59	CL,	0.550	0.045	33.39	0.445	BMB
3	1.92	NO2-N,	0.100	0.009	6.89	0.046	bMB
4	3.38	NO3,	0.083	0.010	7.64	0.045	BMB
5	7.57	SO4,	0.238	0.064	48.10	0.921	BMB
Total:			0.971	0.129	96.02	1.457	

5 AUTOCAL5

JKZ070709-4

Sample Name:	**AUTOCAL5**	*Injection Volume:*	**1000.0**
Vial Number:	**18**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/9/2007 10:48**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**

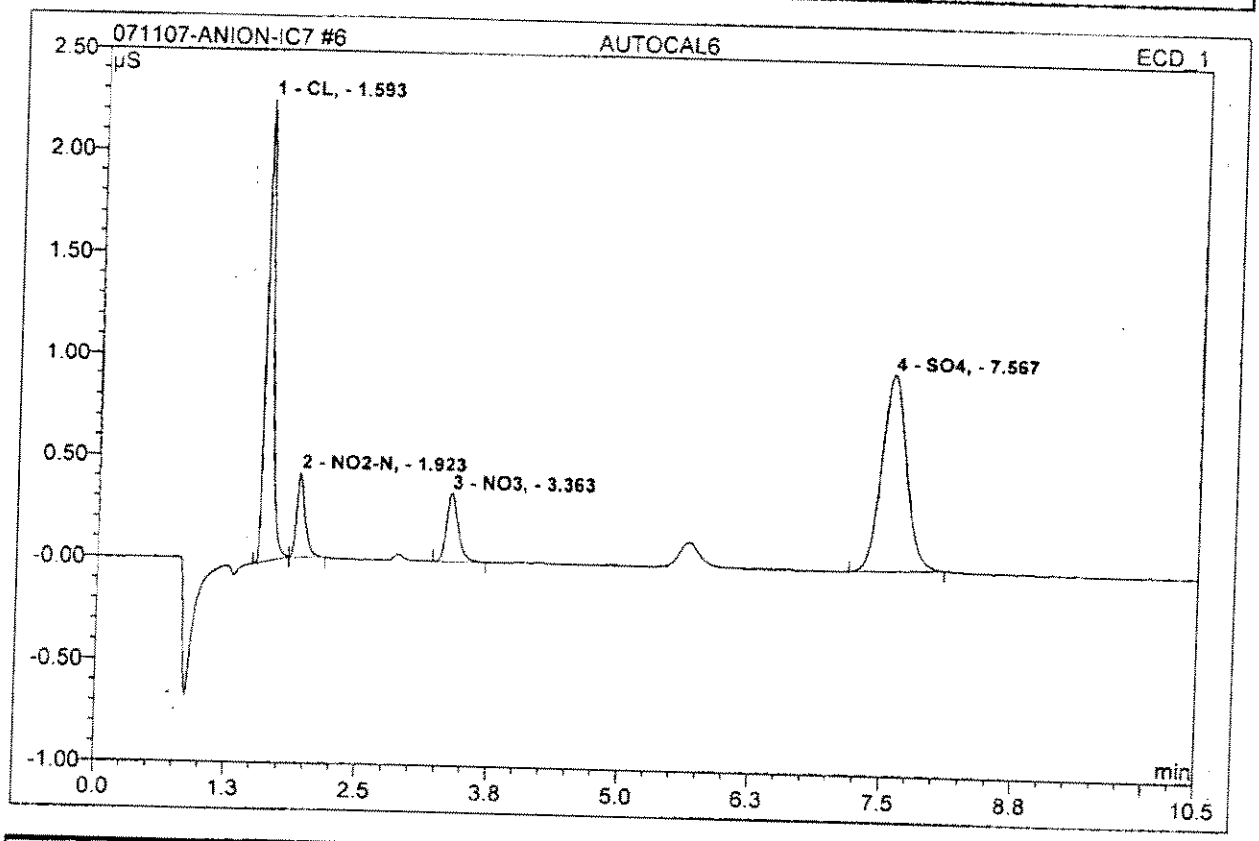


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	1.100	0.088	34.35	0.875	BMB
2	1.93	NO2-N,	0.205	0.019	7.28	0.093	bMB
3	3.38	NO3,	0.166	0.021	8.35	0.093	BMB
4	7.58	SO4,	0.474	0.128	50.03	1.832	BMB
Total:			1.944	0.257	100.00	2.894	

6 AUTOCAL6

JKZ070709-5

Sample Name:	**AUTOCAL6**	*Injection Volume:*	**1000.0**
Vial Number:	**18**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/9/2007 11:01**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**

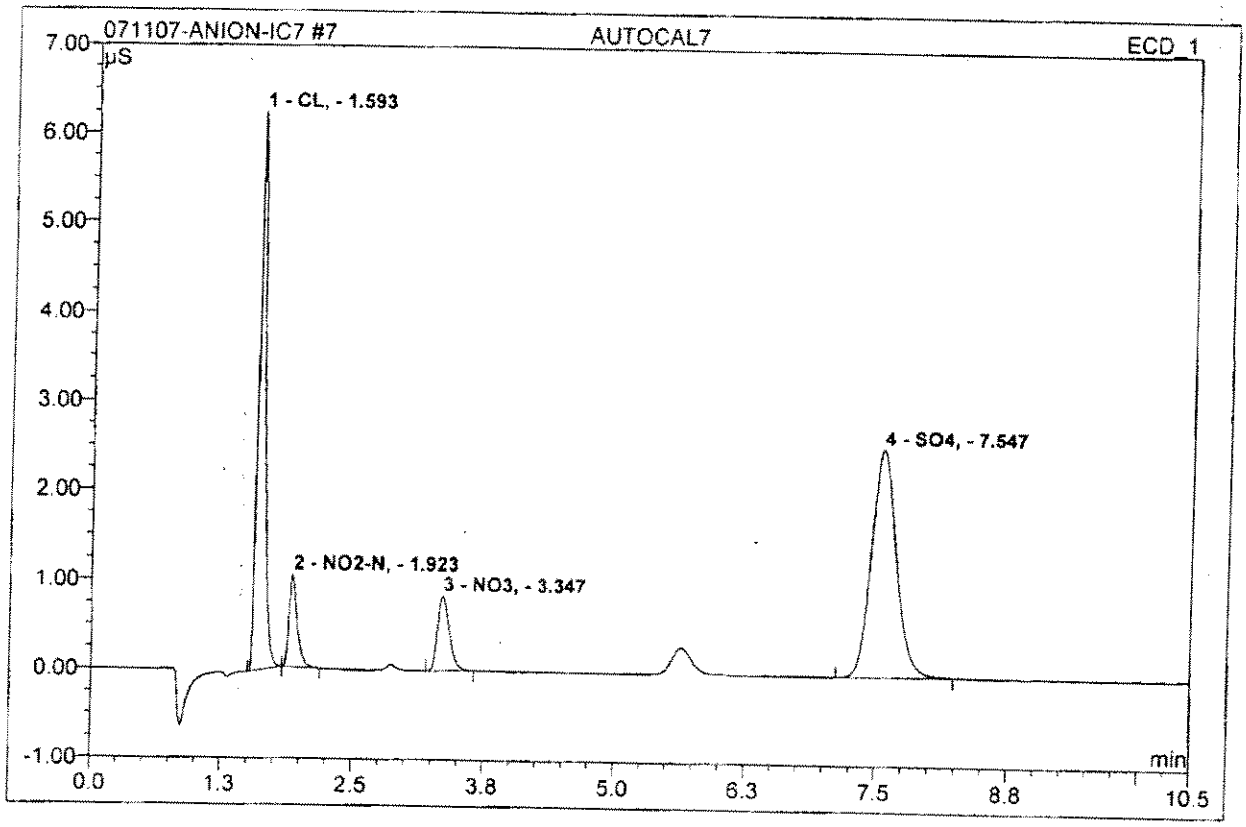


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.59	CL,	2.267	0.179	34.10	1.765	BMB
2	1.92	NO2-N,	0.412	0.037	7.15	0.187	BMB
3	3.36	NO3,	0.333	0.043	8.25	0.188	BMB
4	7.57	SO4,	0.966	0.265	50.49	3.759	BMB
Total:			3.977	0.524	100.00	5.899	

7 AUTOCAL7

JKZ070709-6

Sample Name:	**AUTOCAL7**	*Injection Volume:*	**1000.0**
Vial Number:	**19**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/9/2007 11:14**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**

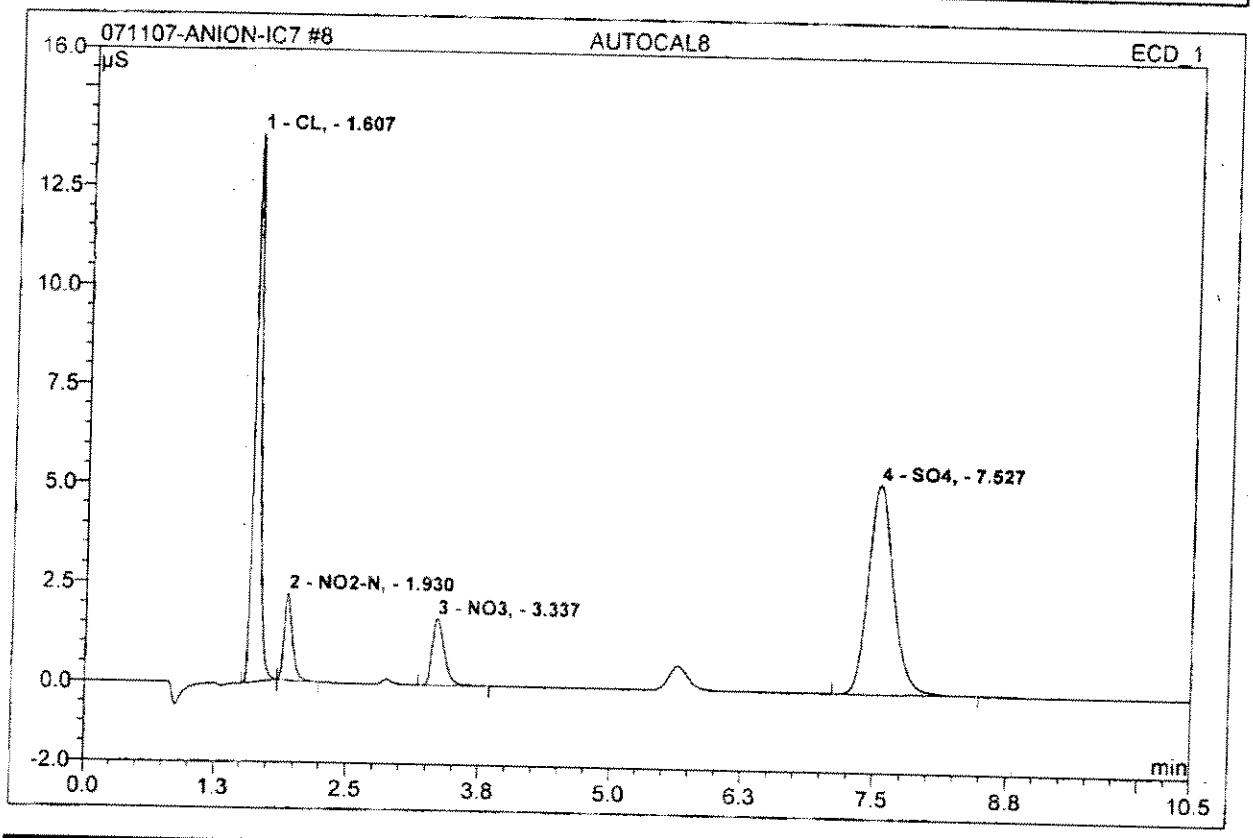


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.59	CL,	6.258	0.479	34.60	4.653	BMB
2	1.92	NO2-N,	1.041	0.094	6.82	0.470	BMB
3	3.35	NO3,	0.845	0.110	7.96	0.477	BMB
4	7.55	SO4,	2.548	0.701	50.62	9.813	BMB
Total:			10.693	1.384	100.00	15.413	

8 AUTOCAL8

JKZ070709-7

Sample Name:	**AUTOCAL8**	*Injection Volume:*	**1000.0**
Vial Number:	**20**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/9/2007 11:27**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**

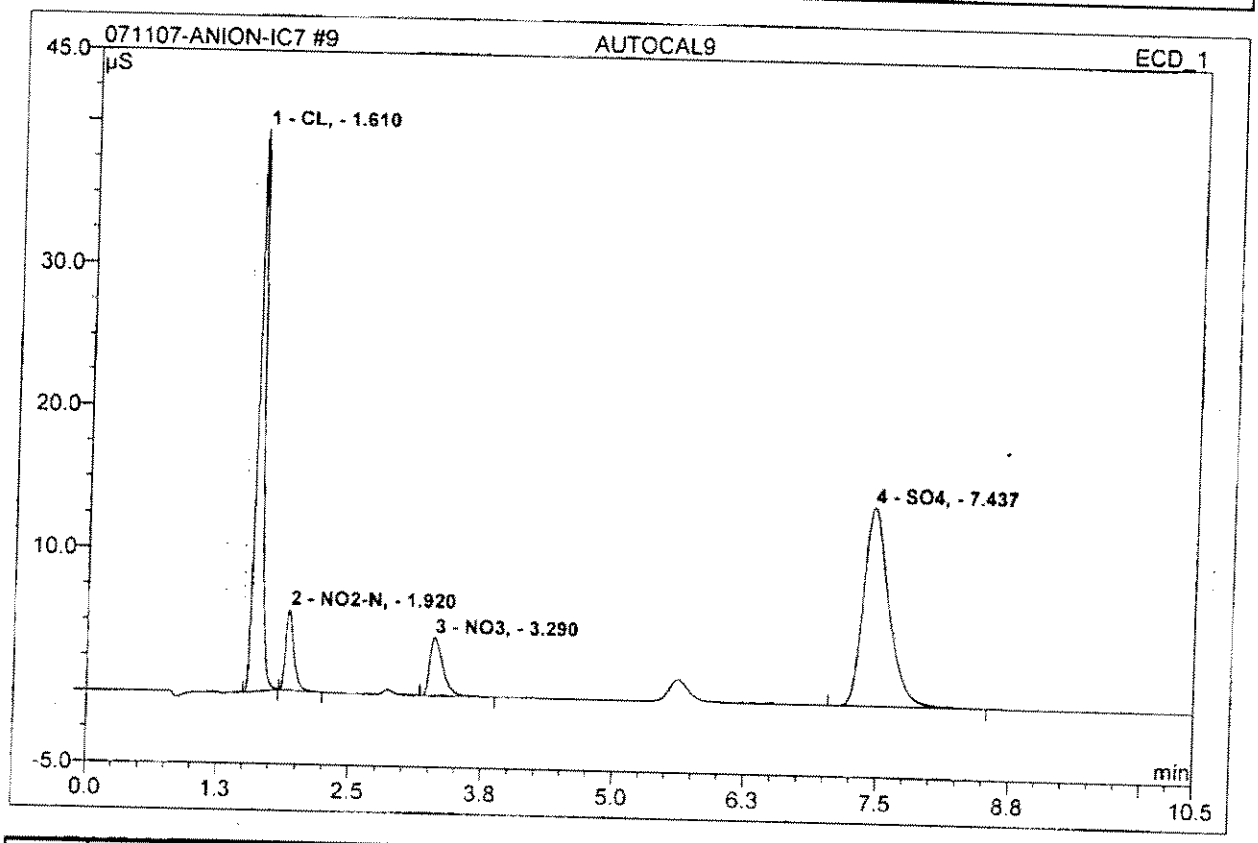


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.61	CL,	13.832	1.024	35.36	9.676	BMb
2	1.93	NO2-N,	2.185	0.195	6.74	0.967	bMB
3	3.34	NO3,	1.674	0.226	7.80	0.971	BMB
4	7.53	SO4,	5.268	1.450	50.09	19.850	BMB
Total:			22.959	2.895	100.00	31.464	

9 AUTOCAL9

JKZ070709-8

Sample Name:	**AUTOCAL9**	*Injection Volume:*	**1000.0**
Vial Number:	**23**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/9/2007 11:40**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**

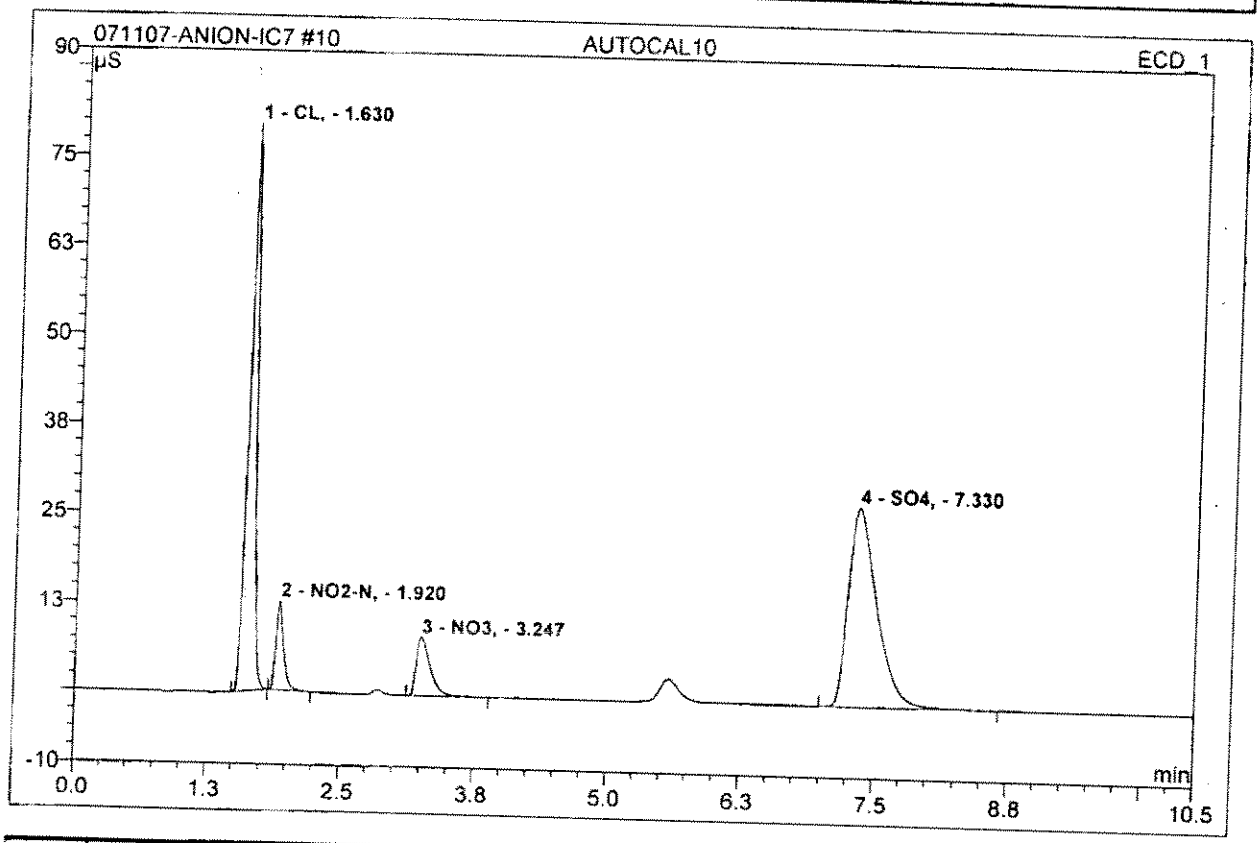


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.61	CL,	39.418	2.908	36.76	25.319	BMB
2	1.92	NO2-N,	5.681	0.500	6.32	2.434	BMB
3	3.29	NO3,	4.079	0.582	7.36	2.451	BMB
4	7.44	SO4,	13.874	3.920	49.56	50.185	BMB
Total:			63.052	7.911	100.00	80.389	

10 AUTOCAL10

JKZ070709-9

Sample Name:	**AUTOCAL10**	*Injection Volume:*	**1000.0**
Vial Number:	**24**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/9/2007 11:53**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**

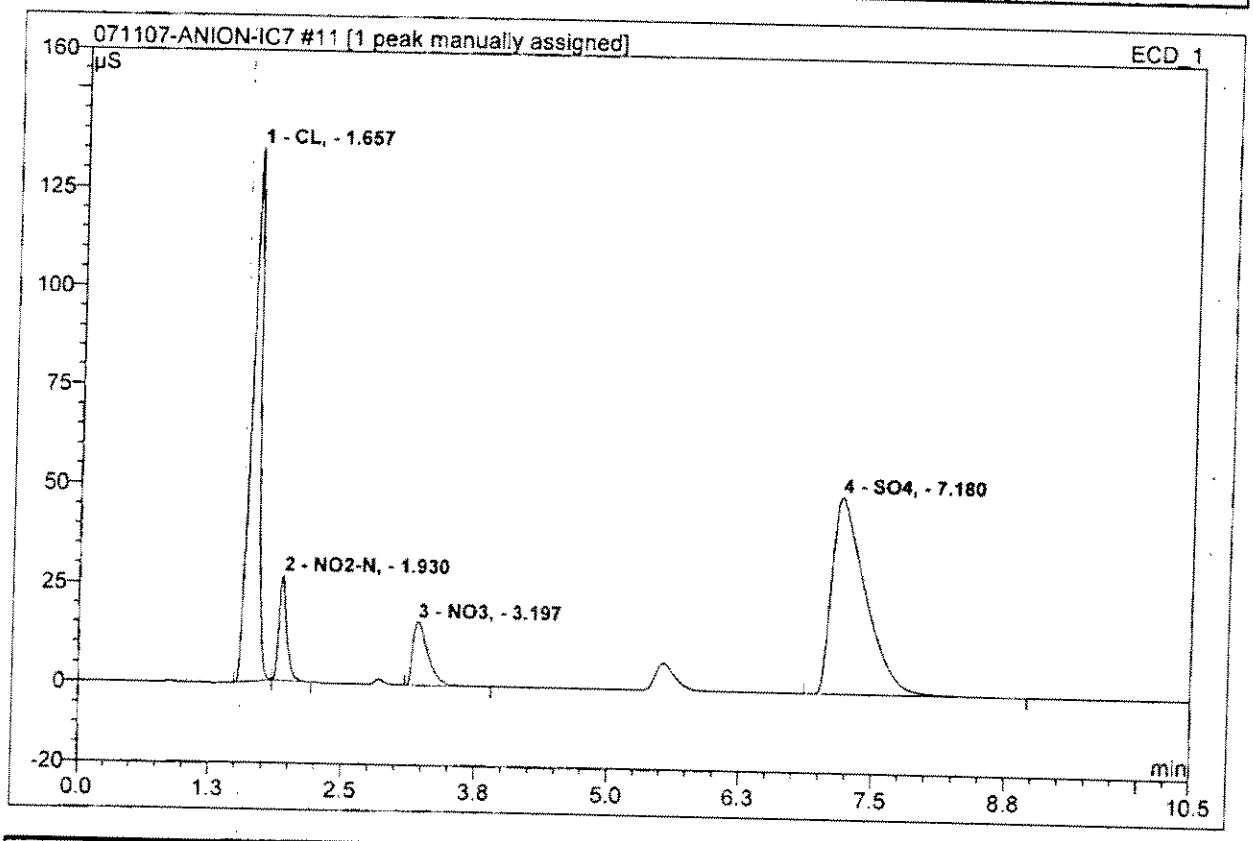


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.63	CL,	79.548	6.449	37.06	49.947	BMB
2	1.92	NO2-N,	12.465	1.071	6.15	5.064	BMB
3	3.25	NO3,	8.143	1.243	7.14	5.049	BMB
4	7.33	SO4,	27.836	8.638	49.64	99.967	BMB
Total:			127.992	17.401	100.00	160.027	

11 AUTOCAL11

JKZ070709-10

Sample Name:	**AUTOCAL11**	*Injection Volume:*	**1000.0**
Vial Number:	**24**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/9/2007 12:06**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**

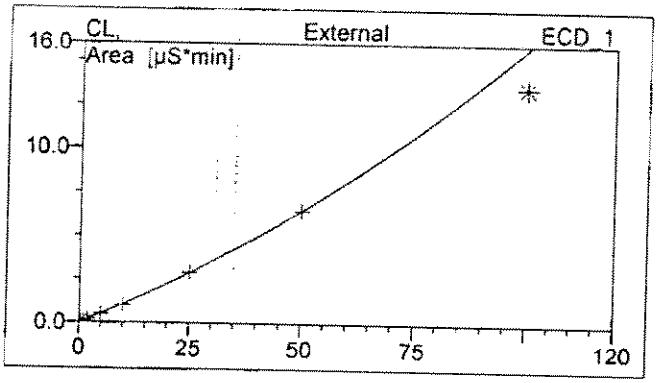


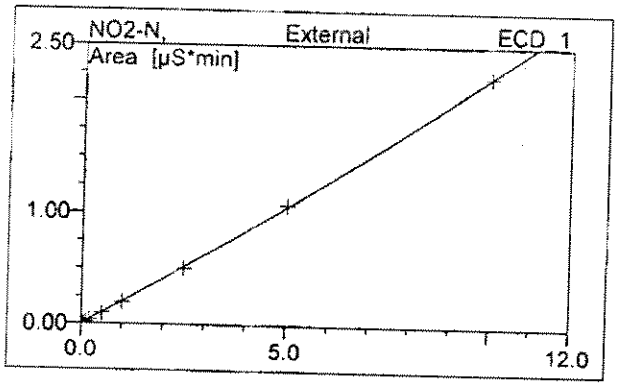
No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.66	CL,	134.766	13.493	36.82	88.948	BMb
2	1.93	NO2-N,	26.244	2.224	6.07	9.989	bMB
3	3.20	NO3,	15.867	2.626	7.17	9.992	BMB^
4	7.18	SO4,	49.497	18.300	49.94	182.676	BMB
Total:			226.375	36.643	100.00	291.605	

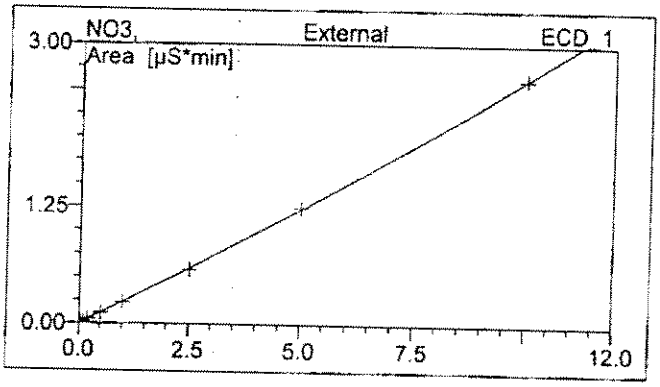
11 AUTOCAL11

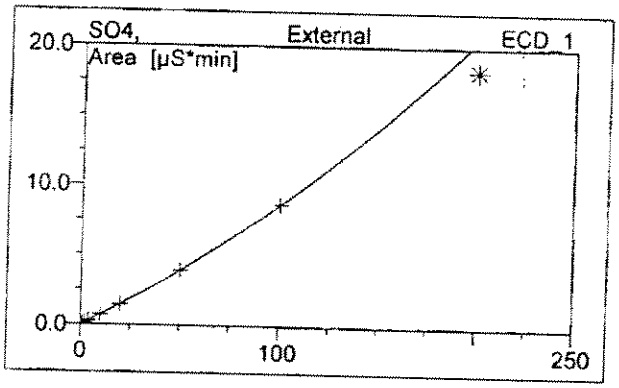
JKZ070709-10

Sample Name:	**AUTOCAL11**	*Injection Volume:*	**1000.0**
Vial Number:	**24**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/9/2007 12:06**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**





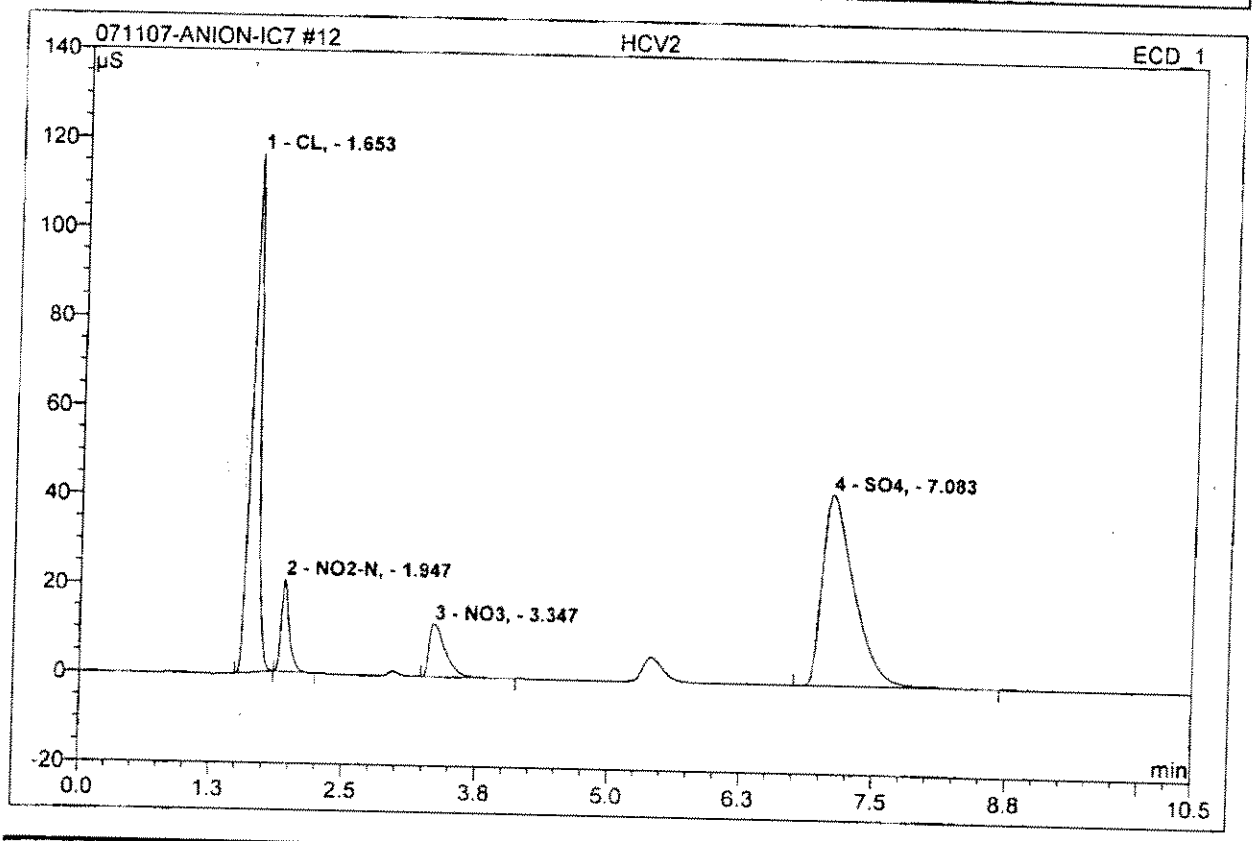




No.	Ret.Time min	Peak Name	Cal.Type	Points	Corr.Coeff. %	Offset	Slope	Curve
1	1.66	CL,	Quad	7	99.8598	0.0000	0.1002	0.0006
2	1.93	NO2-N,	Quad	10	99.9623	0.0000	0.1998	0.0023
3	3.20	NO3,	Quad	10	99.9445	0.0000	0.2293	0.0033
4	7.18	SO4,	Quad	9	99.8836	0.0000	0.0698	0.0002
Average:					99.9125	0.0000	0.1498	0.0016

12 HCV2

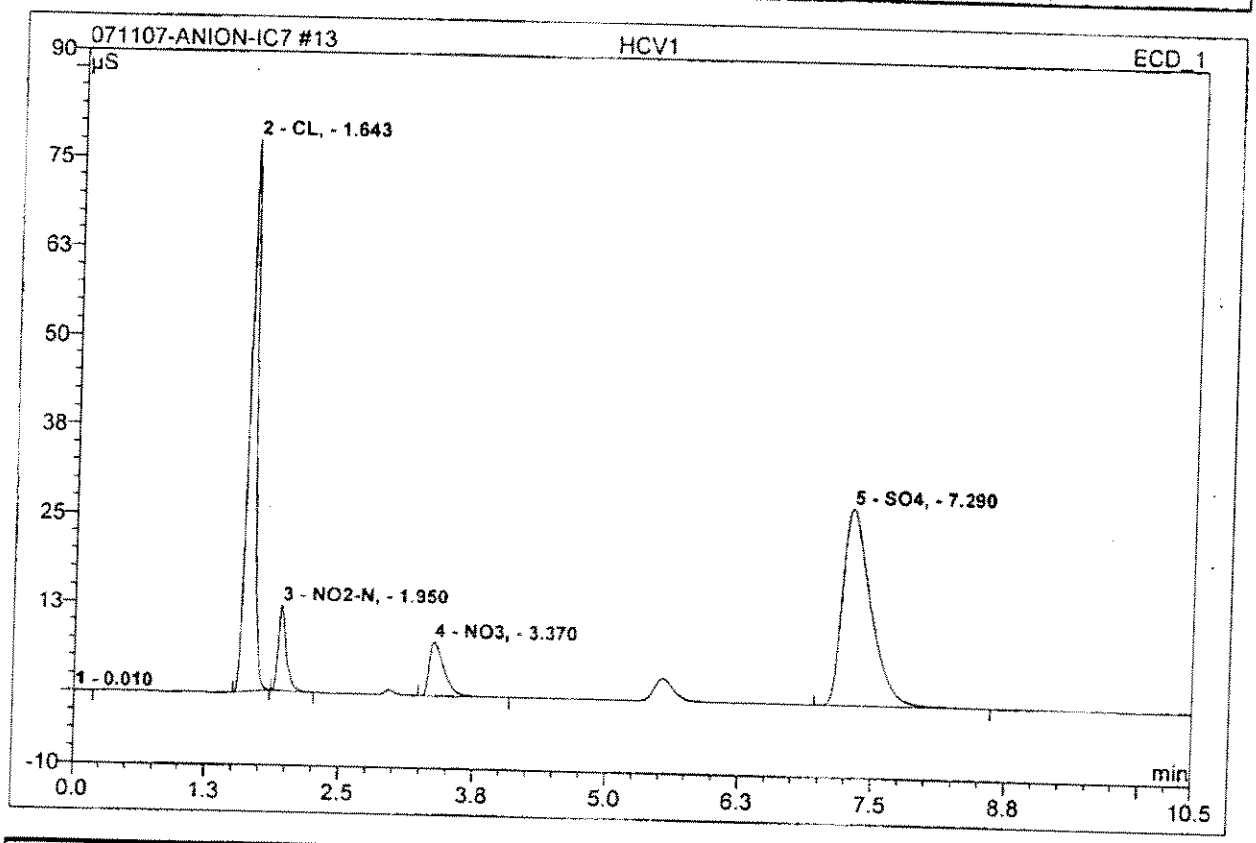
Sample Name:	**HCV2**	*Injection Volume:*	**1000.0**
Vial Number:	**97**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/11/2007 9:31**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.65	CL,	116.553	10.916	36.79	75.771	BMB
2	1.95	NO2-N,	20.700	1.792	6.04	8.199	BMB
3	3.35	NO3,	11.868	2.098	7.07	8.173	BMB
4	7.08	SO4,	42.933	14.863	50.10	155.413	BMB
Total:			192.054	29.670	100.00	247.556	

13 HCV1

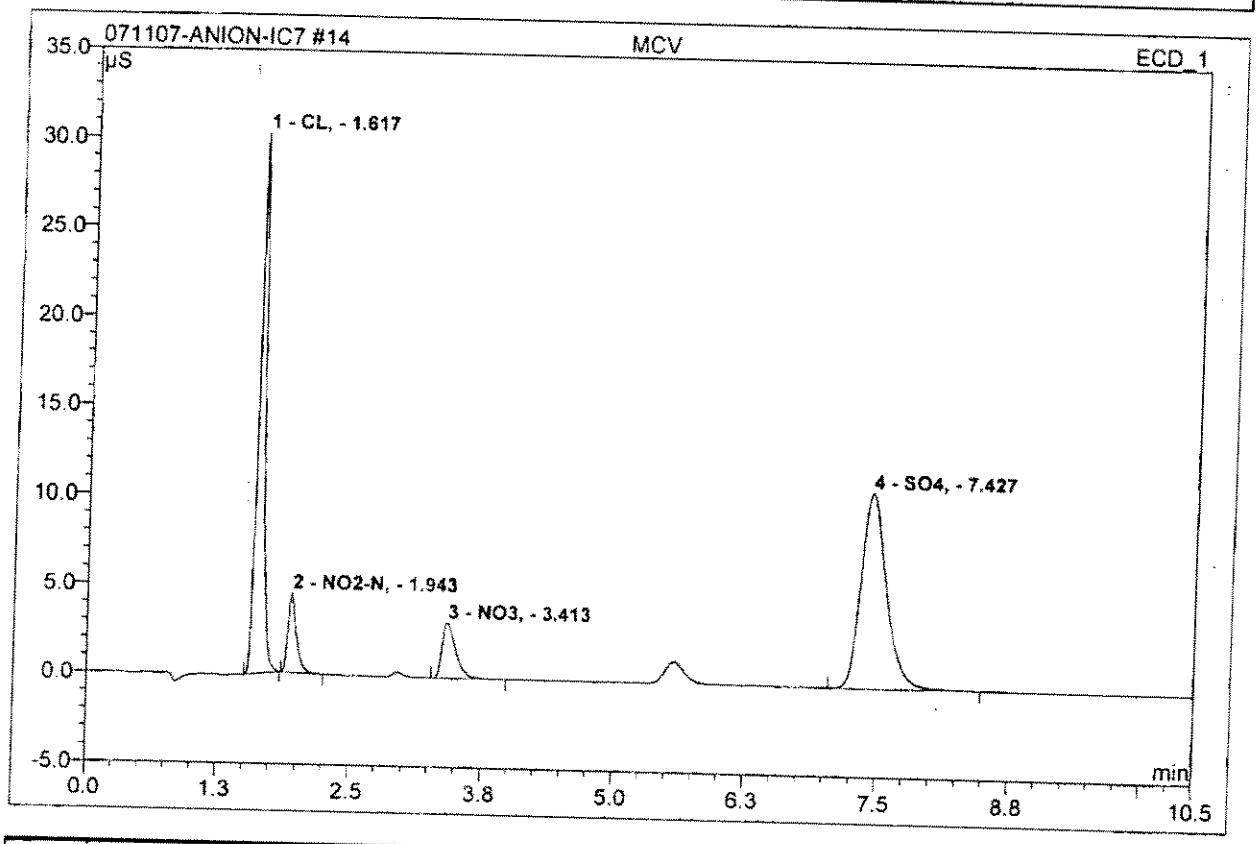
Sample Name:	**HCV1**	*Injection Volume:*	**1000.0**
Vial Number:	**97**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/11/2007 9:44**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
2	1.64	CL,	77.430	6.370	36.92	49.446	BMB
3	1.95	NO2-N,	12.018	1.054	6.11	4.990	BMB
4	3.37	NO3,	7.533	1.227	7.11	4.989	BMB
5	7.29	SO4,	27.658	8.584	49.75	99.445	BMB
Total:			124.639	17.236	99.90	158.870	

14 MCV

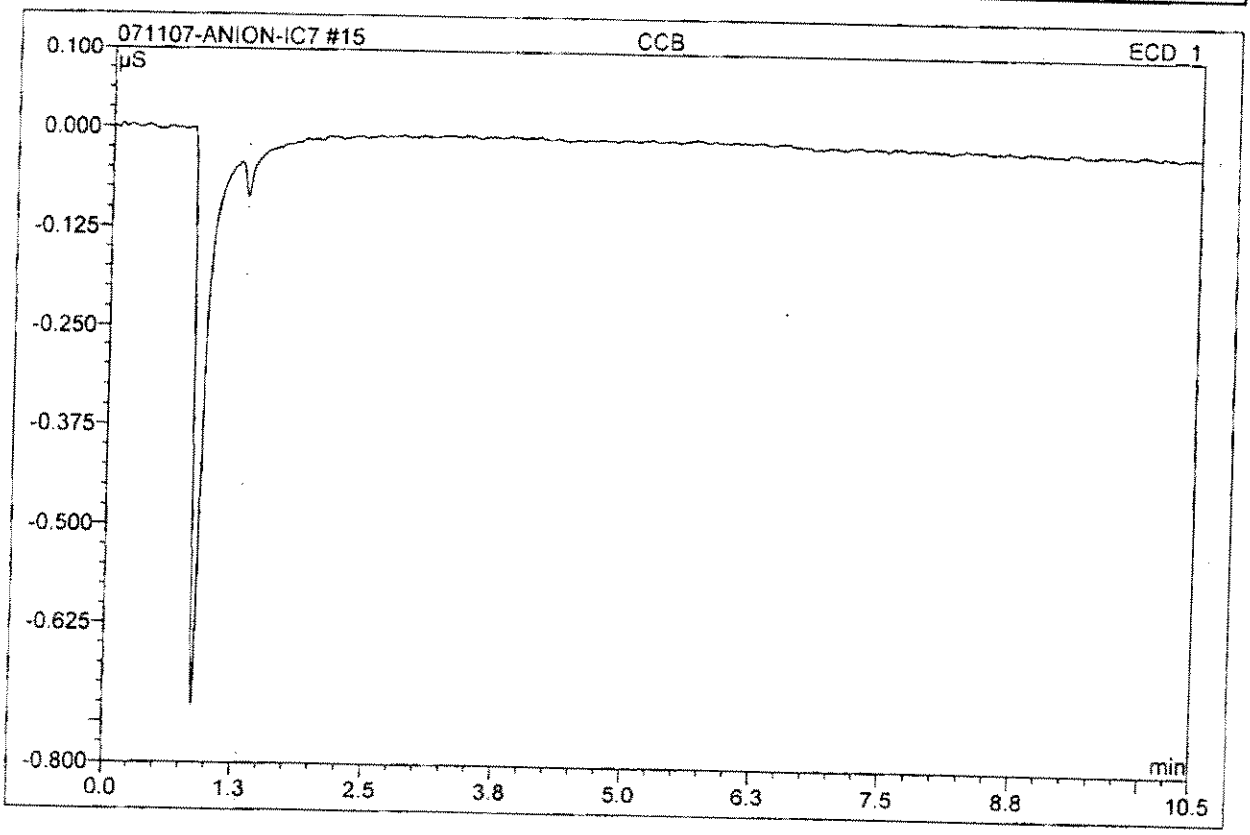
Sample Name:	**MCV**	*Injection Volume:*	**1000.0**
Vial Number:	**99**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/11/2007 9:57**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.62	CL,	30.278	2.262	36.33	20.214	BMB
2	1.94	NO2-N,	4.463	0.406	6.52	1.986	BMB
3	3.41	NO3,	3.119	0.466	7.48	1.974	BMB
4	7.43	SO4,	10.945	3.094	49.68	40.443	BMB
Total:			48.804	6.227	100.00	64.617	

15 CCB

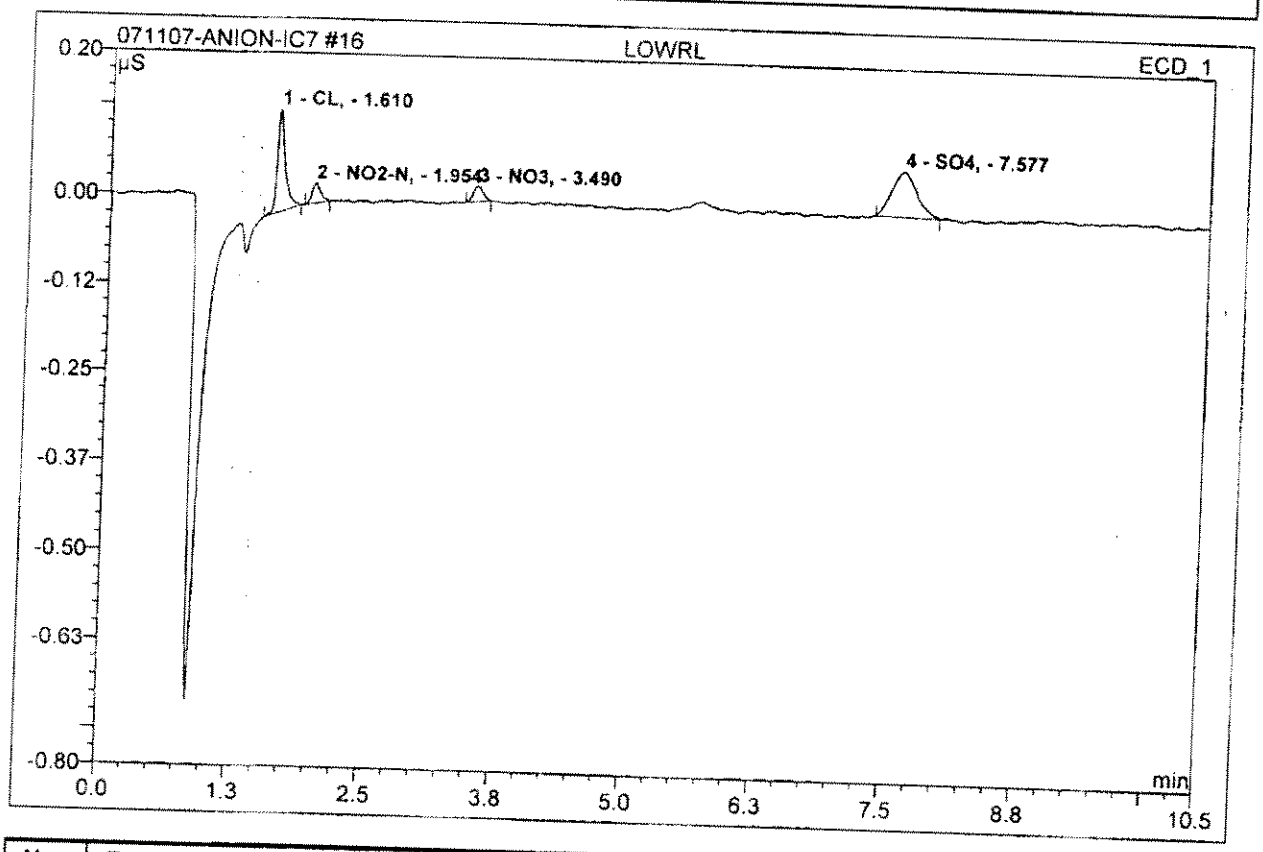
Sample Name:	**CCB**	*Injection Volume:*	**1000.0**
Vial Number:	**99**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/11/2007 10:10**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*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	

16 LOWRL

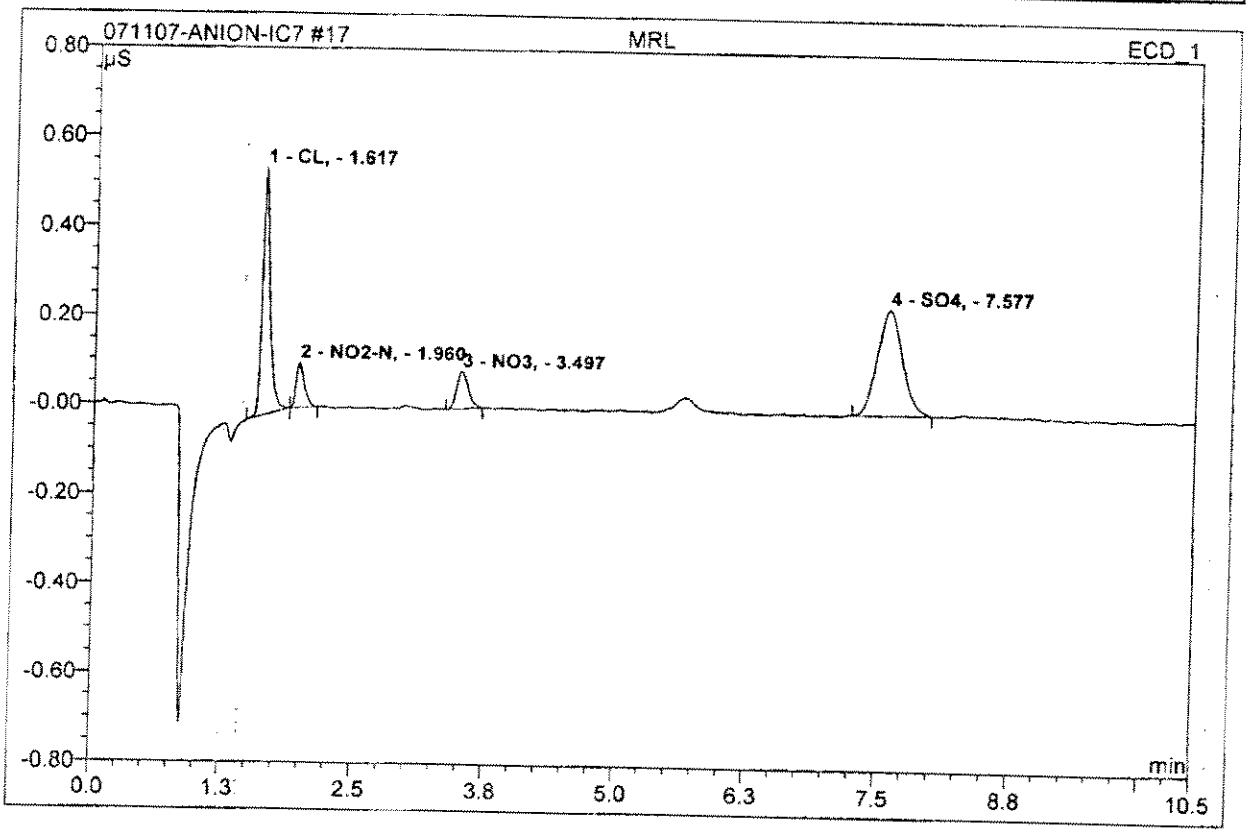
Sample Name:	**LOWRL**	*Injection Volume:*	**1000.0**
Vial Number:	**100**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/11/2007 10:23**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.61	CL,	0.143	0.012	35.72	0.123	BMB
2	1.95	NO2-N,	0.028	0.003	7.33	0.013	BMB
3	3.49	NO3,	0.021	0.002	6.76	0.010	BMB
4	7.58	SO4,	0.063	0.017	50.19	0.247	BMB
Total:			0.255	0.034	100.00	0.393	

17 MRL

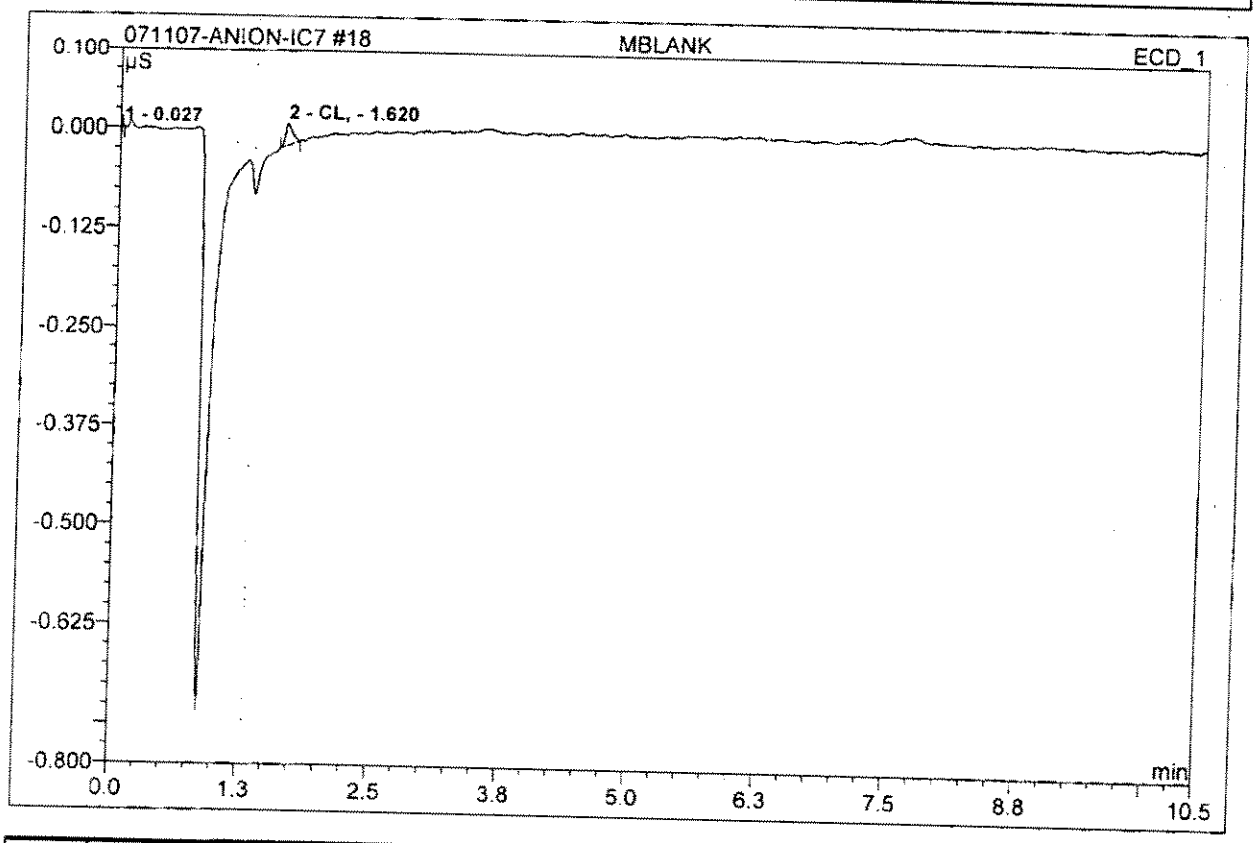
Sample Name:	**MRL**	*Injection Volume:*	**1000.0**
Vial Number:	**100**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/11/2007 10:36**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.62	CL,	0.555	0.046	35.26	0.463	BMB
2	1.96	NO2-N,	0.101	0.009	6.86	0.045	bMB
3	3.50	NO3,	0.082	0.010	7.91	0.045	BMB
4	7.58	SO4,	0.239	0.066	49.97	0.942	BMB
Total:			0.976	0.132	100.00	1.496	

18 MBLANK

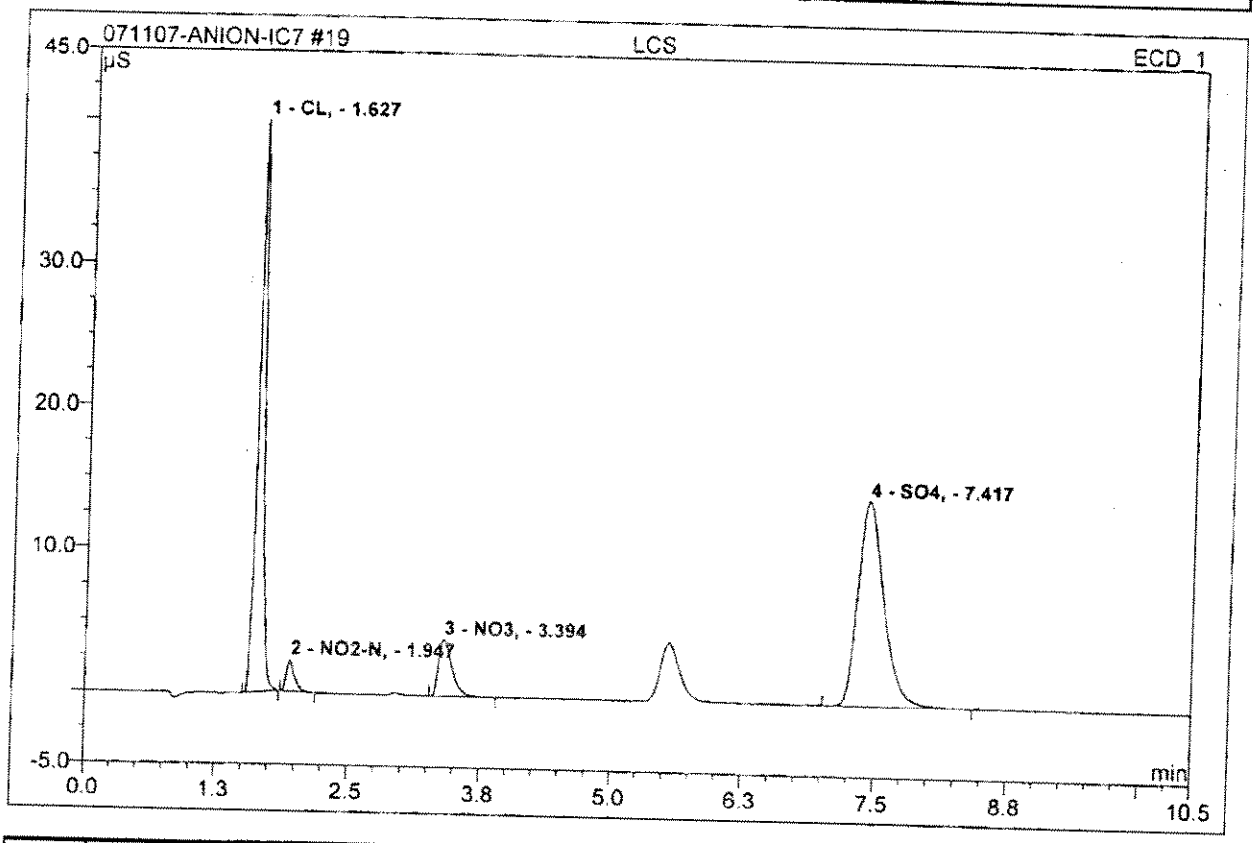
Sample Name:	**MBLANK**	*Injection Volume:*	**1000.0**
Vial Number:	**101**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/11/2007 10:49**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
2	1.62	CL	0.027	0.002	99.17	0.021	BMB
Total:			0.027	0.002	99.17	0.021	

19 LCS

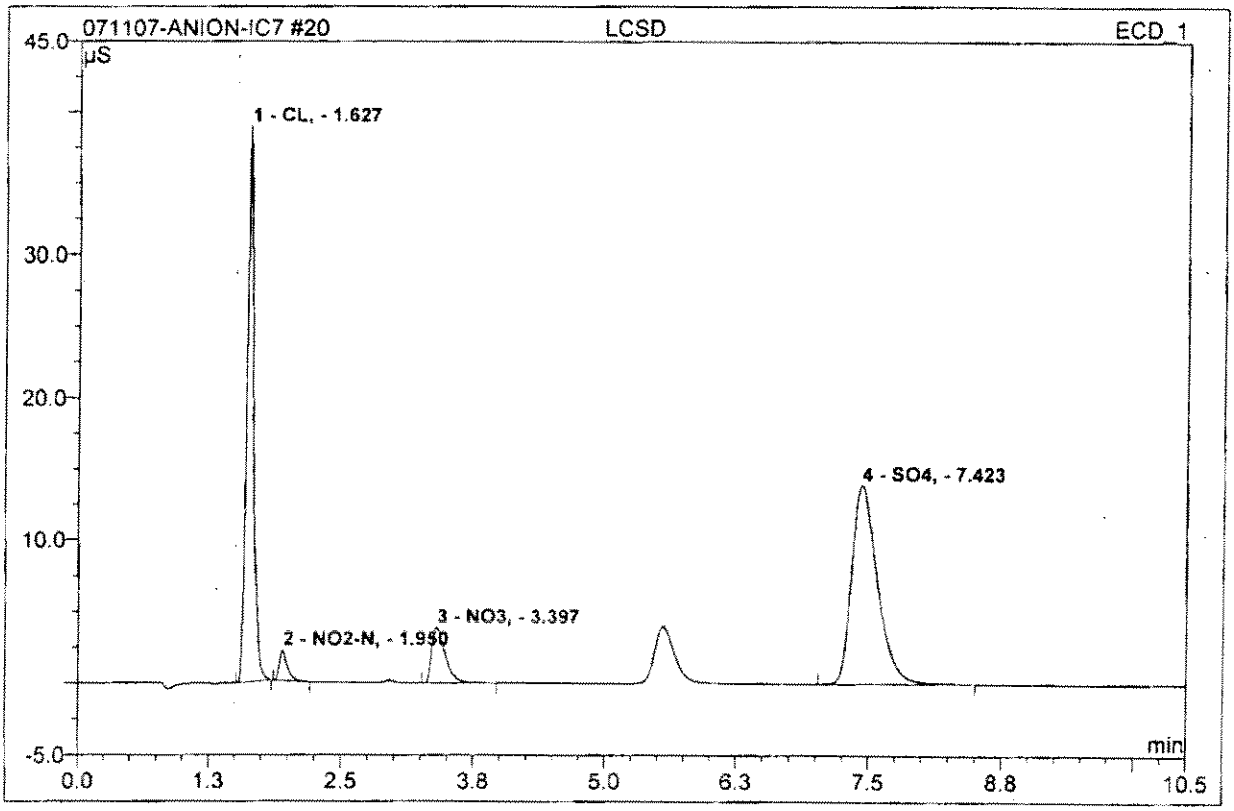
Sample Name:	**LCS**	*Injection Volume:*	**1000.0**
Vial Number:	**114**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/11/2007 11:02**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.63	CL,	40.070	2.969	38.03	25.790	BMB
2	1.95	NO2-N,	2.205	0.195	2.49	0.963	BMB
3	3.39	NO3,	3.957	0.589	7.55	2.480	BMB
4	7.42	SO4,	14.261	4.055	51.93	51.735	BMB
Total:			60.493	7.808	100.00	80.969	

20 LCSD

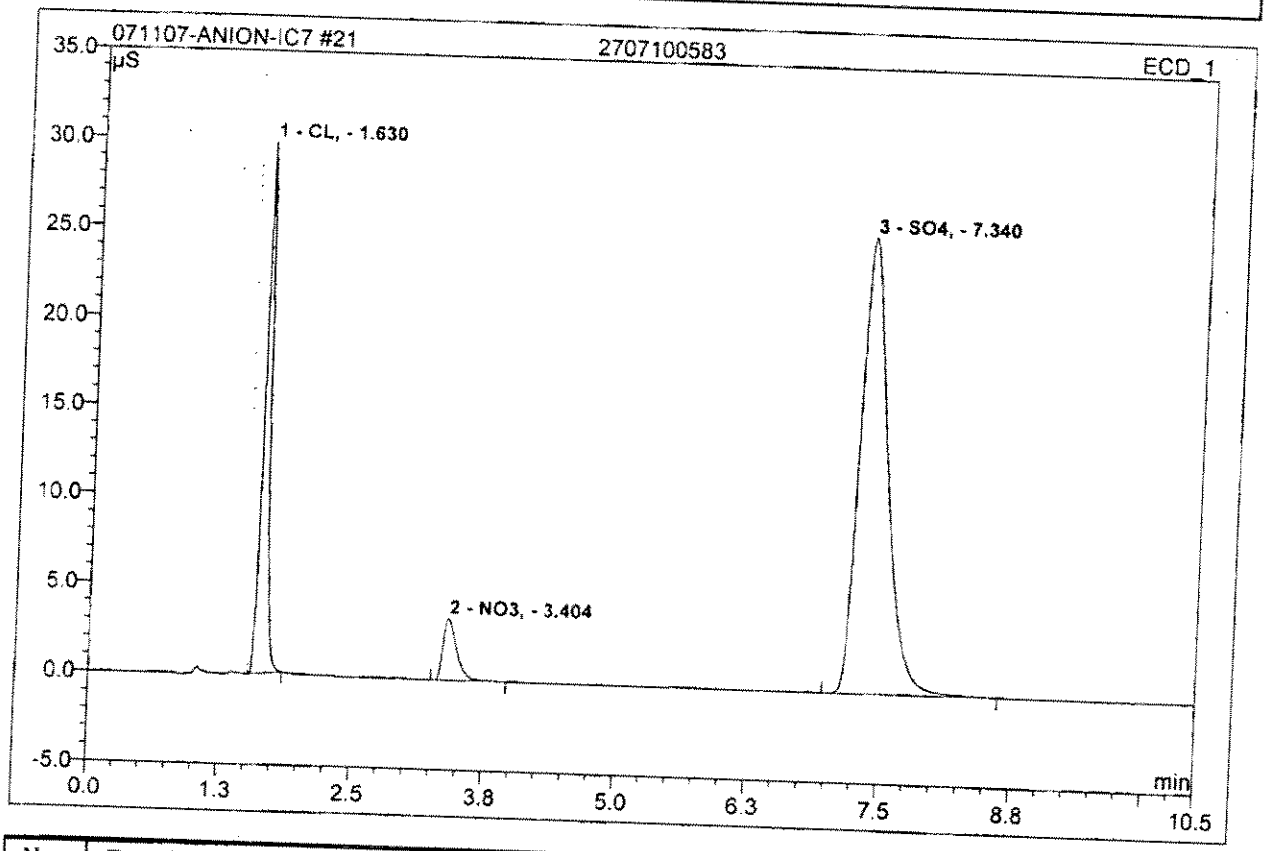
Sample Name:	**LCSD**	*Injection Volume:*	**1000.0**
Vial Number:	**114**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/11/2007 11:15**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.63	CL,	38.911	2.902	37.98	25.274	BMB
2	1.95	NO2-N,	2.143	0.190	2.49	0.943	BMB
3	3.40	NO3,	3.869	0.579	7.58	2.440	BMB
4	7.42	SO4,	13.918	3.969	51.94	50.752	BMB
Total:			58.842	7.642	100.00	79.409	

21 2707100583

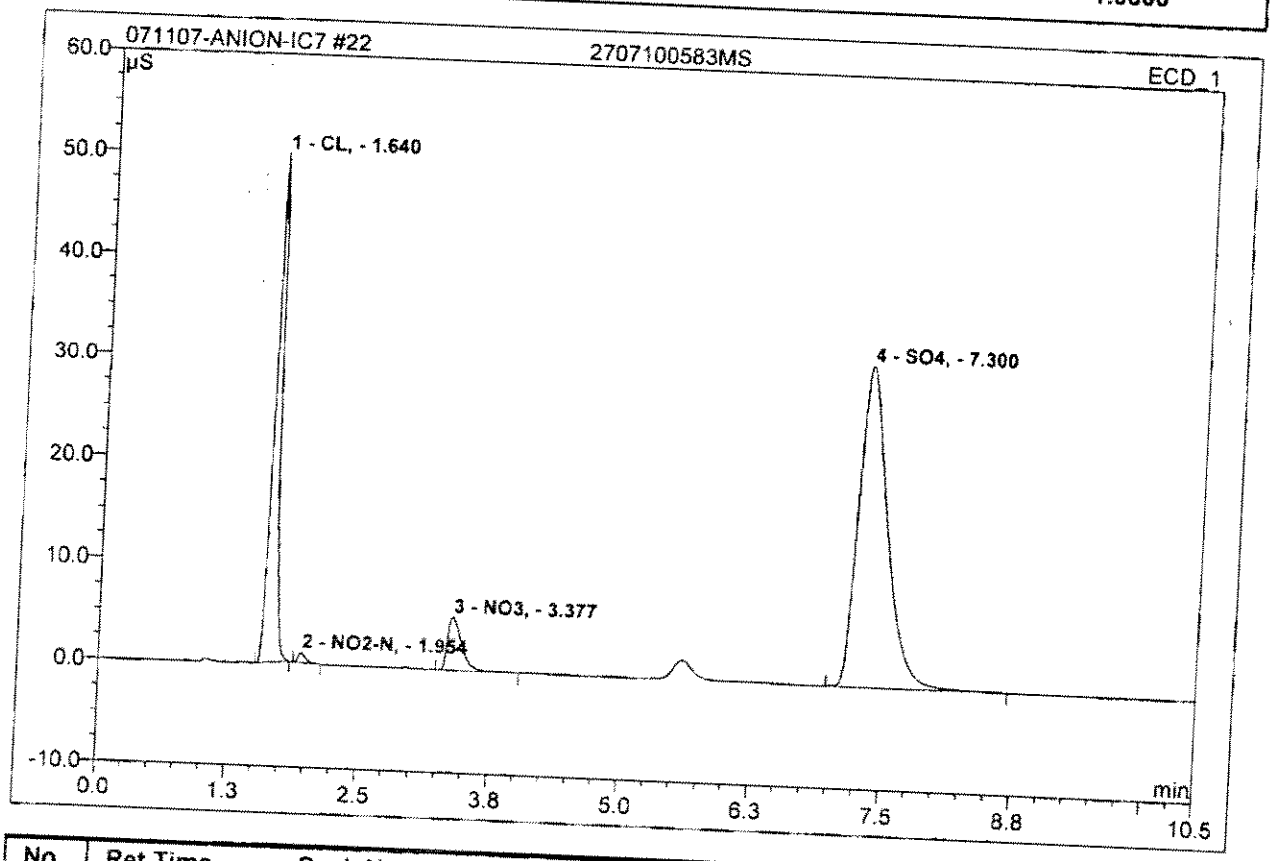
Sample Name:	**2707100583**	*Injection Volume:*	**1000.0**
Vial Number:	**116**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**2.0000**
Recording Time:	**7/11/2007 11:28**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.63	CL,	29.786	2.146	20.47	38.543	BMB
2	3.40	NO3,	3.436	0.506	4.83	4.281	BMB
3	7.34	SO4,	25.572	7.832	74.70	184.089	BMB
Total:			58.795	10.484	100.00	226.913	

22 2707100583MS

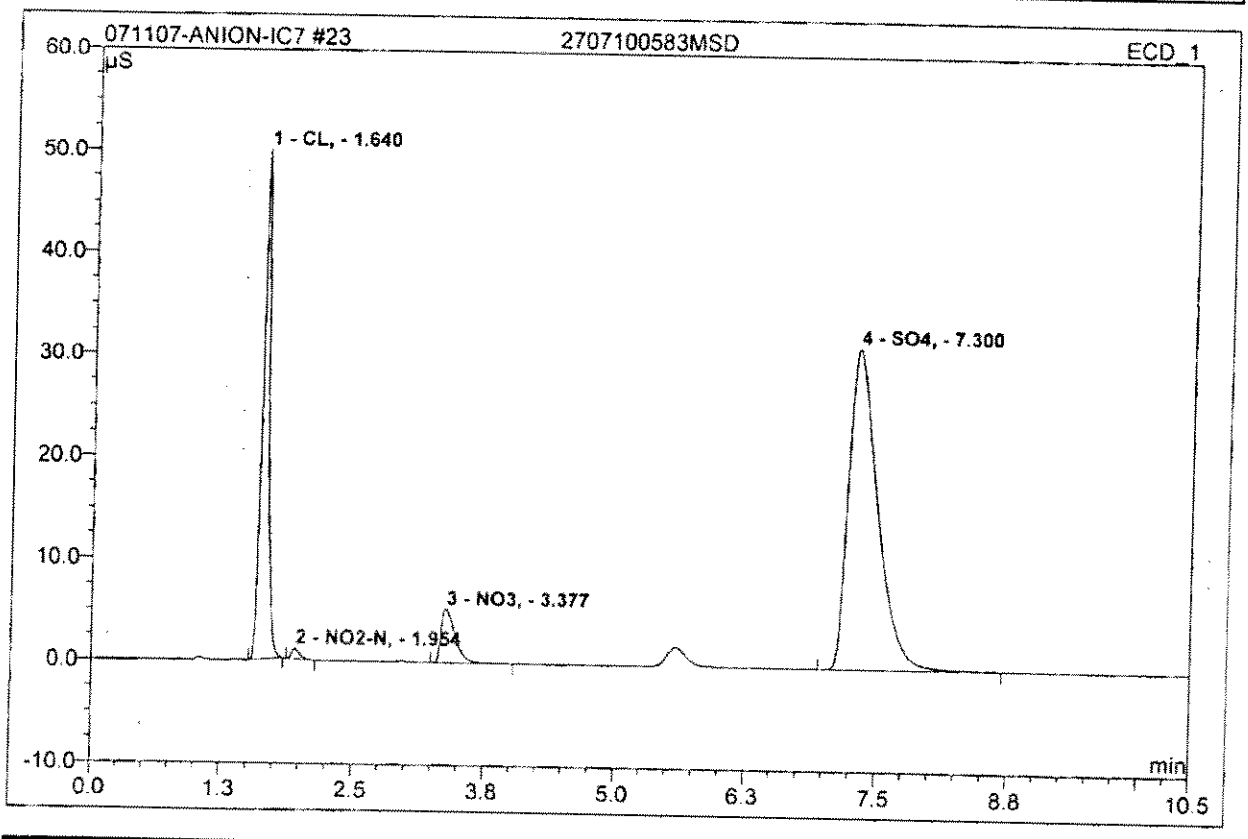
Sample Name:	**2707100583MS**	*Injection Volume:*	**1000.0**
Vial Number:	**116**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**2.0000**
Recording Time:	**7/11/2007 11:41**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.64	CL,	50.042	3.752	25.42	63.314	BMB
2	1.95	NO2-N,	1.007	0.086	0.59	0.862	BMB
3	3.38	NO3,	5.249	0.805	5.46	6.695	BMB
4	7.30	SO4,	31.577	10.115	68.53	227.967	BMB
Total:			87.875	14.759	100.00	298.837	

23 2707100583MSD

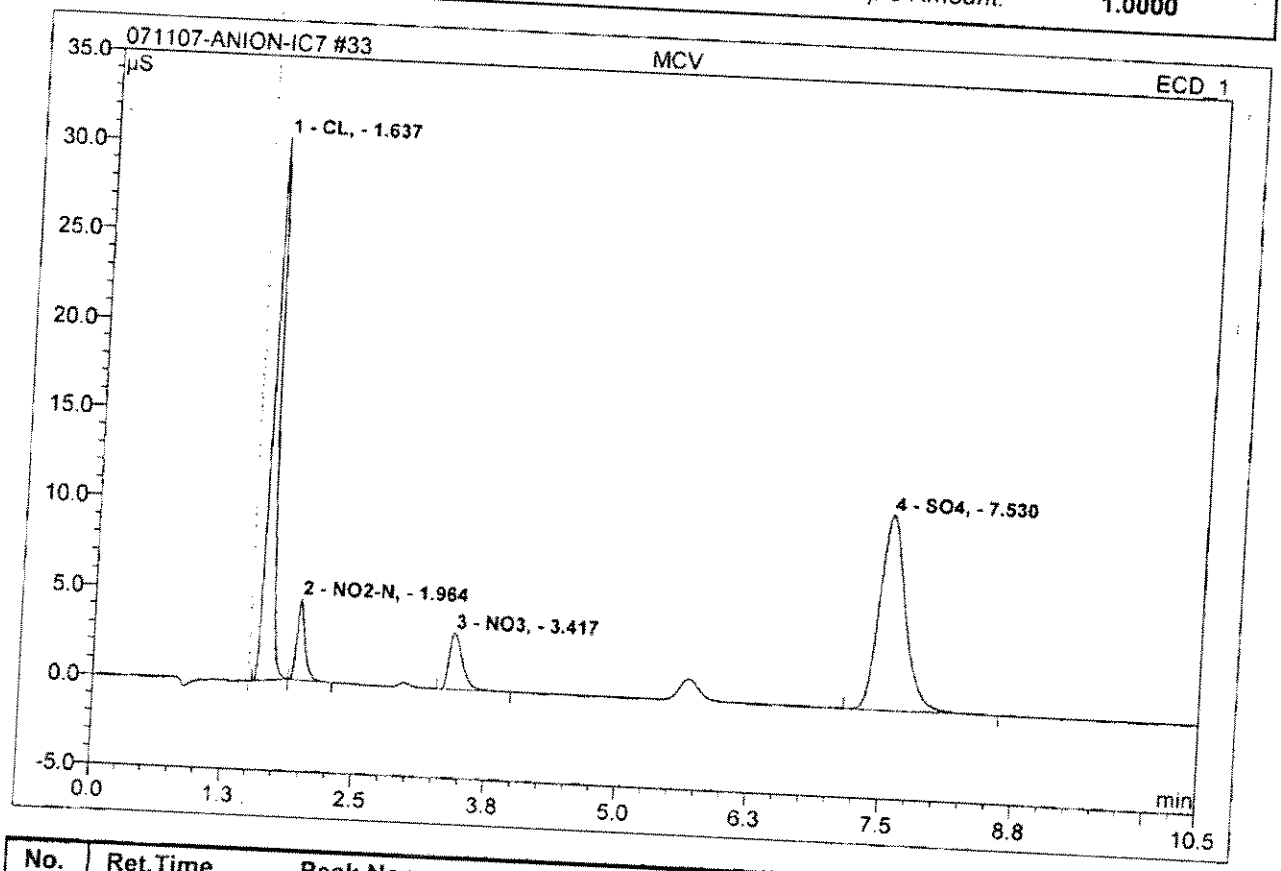
Sample Name:	**2707100583MSD**	*Injection Volume:*	**1000.0**
Vial Number:	**117**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**2.0000**
Recording Time:	**7/11/2007 11:54**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.64	CL,	49.992	3.752	25.43	63.309	BMB
2	1.95	NO2-N,	1.005	0.086	0.58	0.859	BMB
3	3.38	NO3,	5.248	0.806	5.46	6.699	BMB
4	7.30	SO4,	31.561	10.109	68.52	227.852	BMB
Total:			87.807	14.752	100.00	298.718	

33 MCV

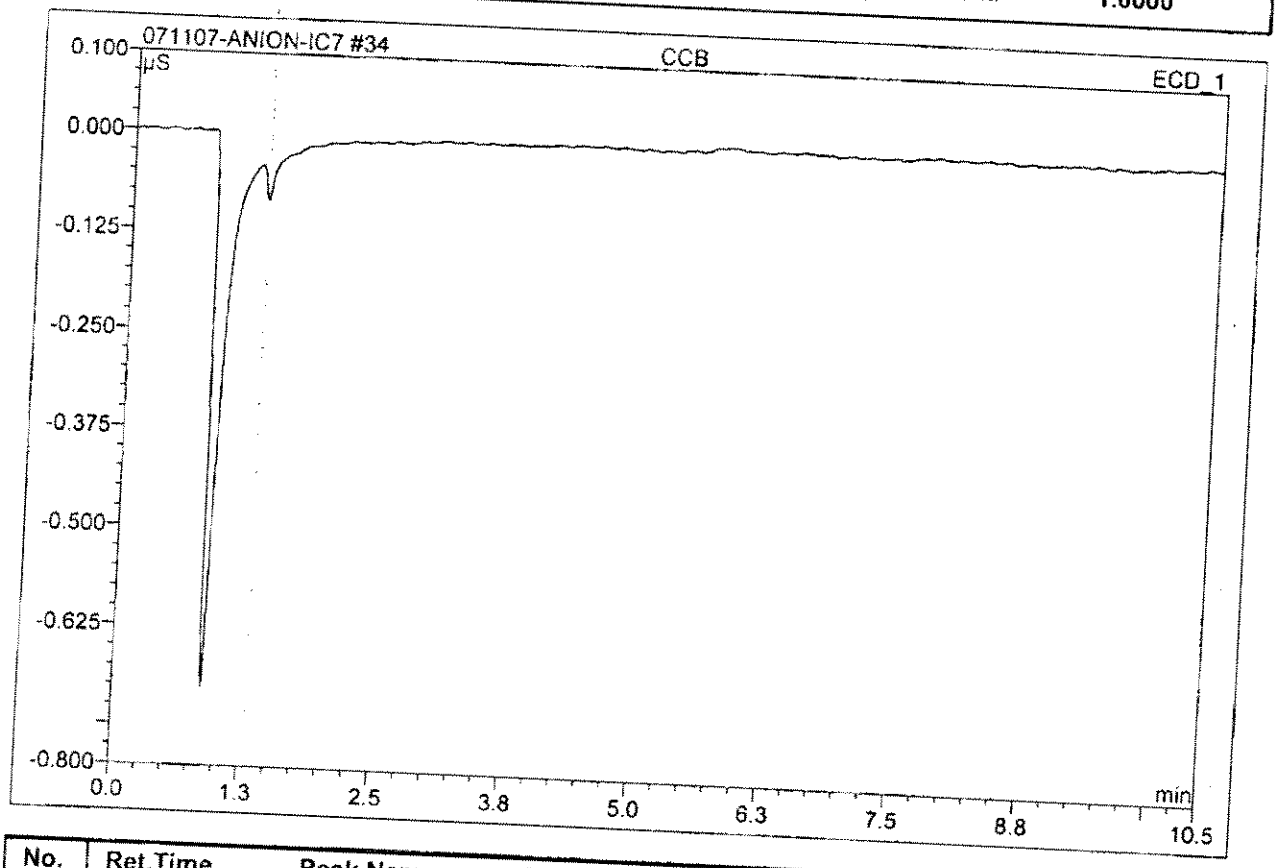
Sample Name:	**MCV**	*Injection Volume:*	**1000.0**
Vial Number:	**128**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/11/2007 14:04**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.64	CL,	30.384	2.255	36.41	20.153	BMB
2	1.96	NO2-N,	4.502	0.404	6.52	1.976	BMB
3	3.42	NO3,	3.159	0.463	7.47	1.961	BMB
4	7.53	SO4,	10.831	3.072	49.60	40.180	BMB
Total:			48.877	6.193	100.00	64.270	

34 CCB

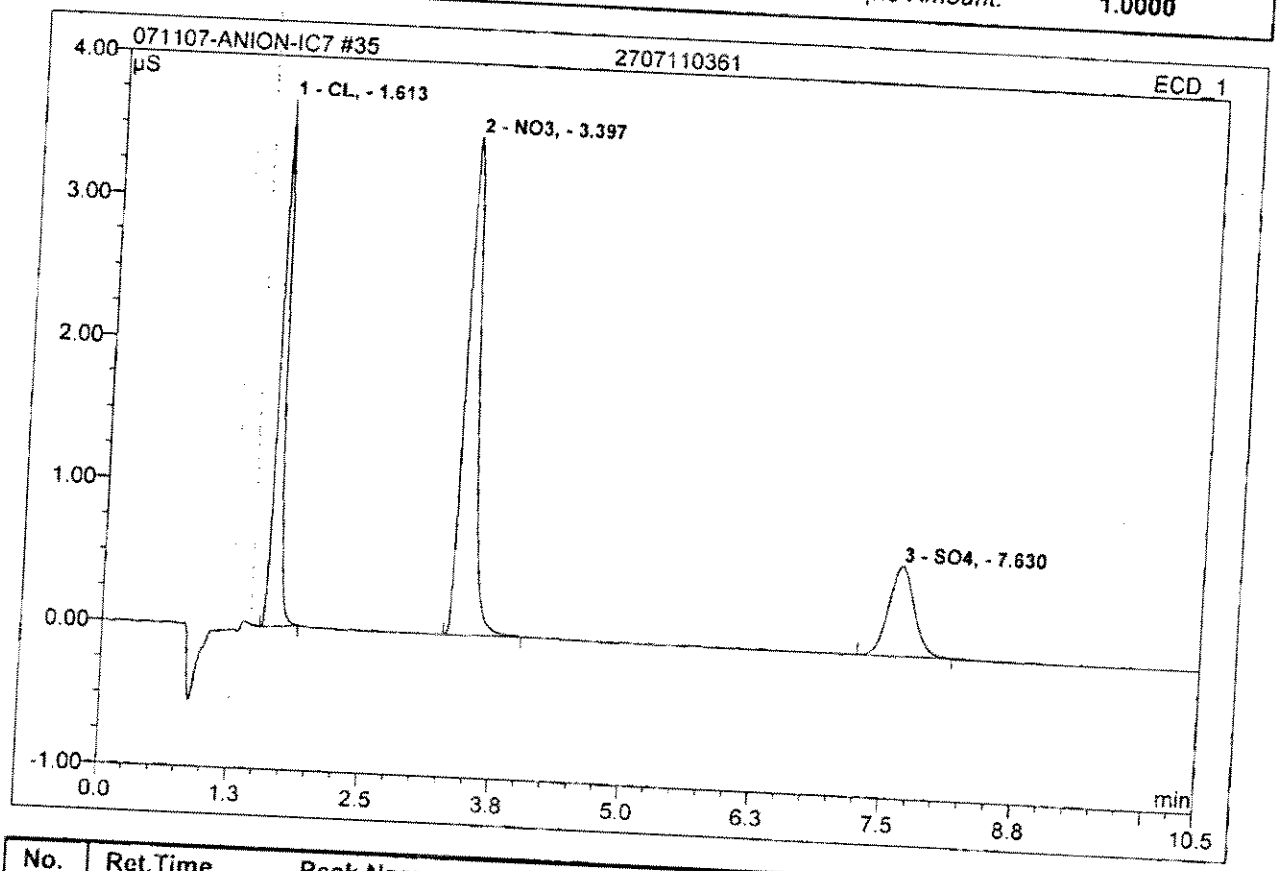
Sample Name:	**CCB**	*Injection Volume:*	**1000.0**
Vial Number:	**129**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/11/2007 14:17**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*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	

35 2707110361

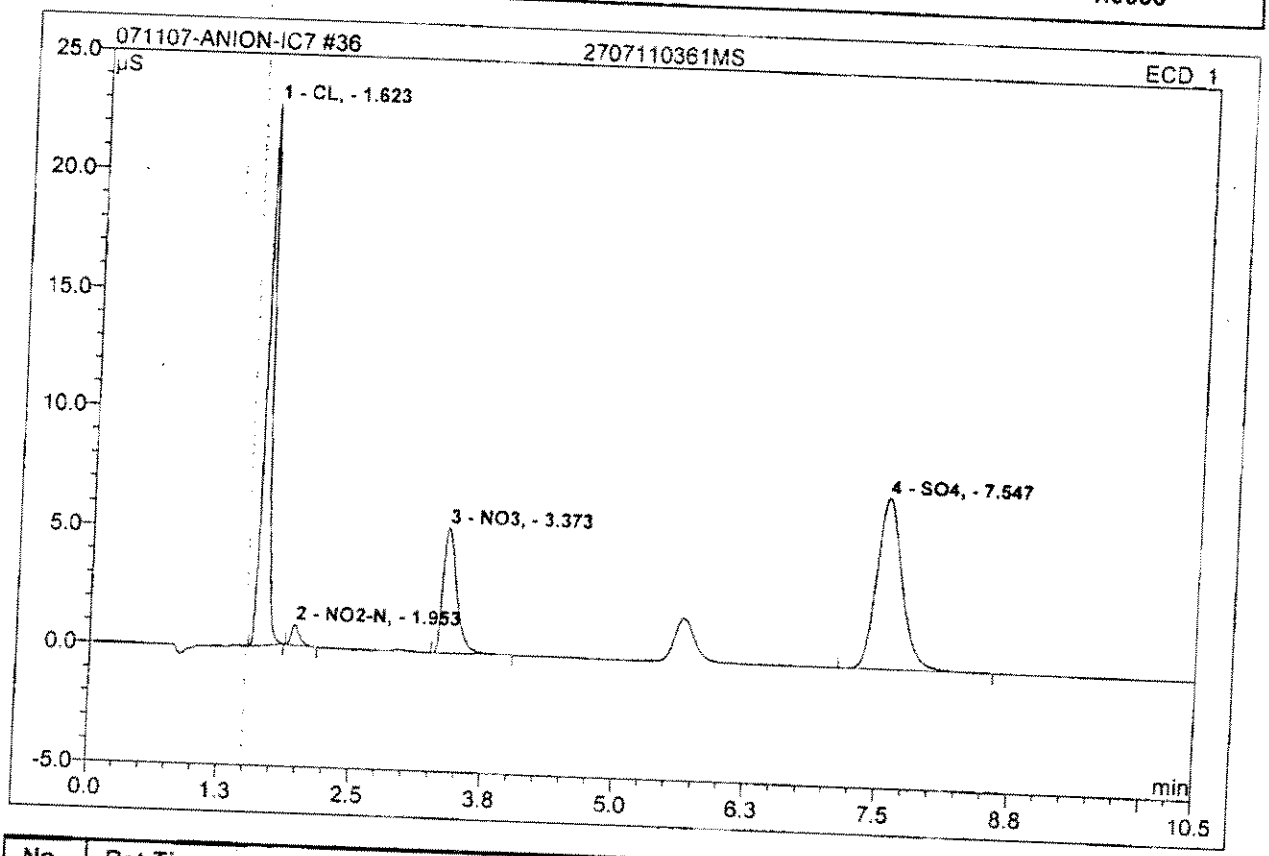
Sample Name:	**2707110361**	*Injection Volume:*	**1000.0**
Vial Number:	**130**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**2.0000**
Recording Time:	**7/11/2007 14:30**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.61	CL,	3.692	0.281	28.97	5.522	BMB
2	3.40	NO3,	3.490	0.513	52.89	4.339	BMB
3	7.63	SO4,	0.631	0.176	18.14	5.017	BMB
Total:			7.813	0.970	100.00	14.878	

36 2707110361MS

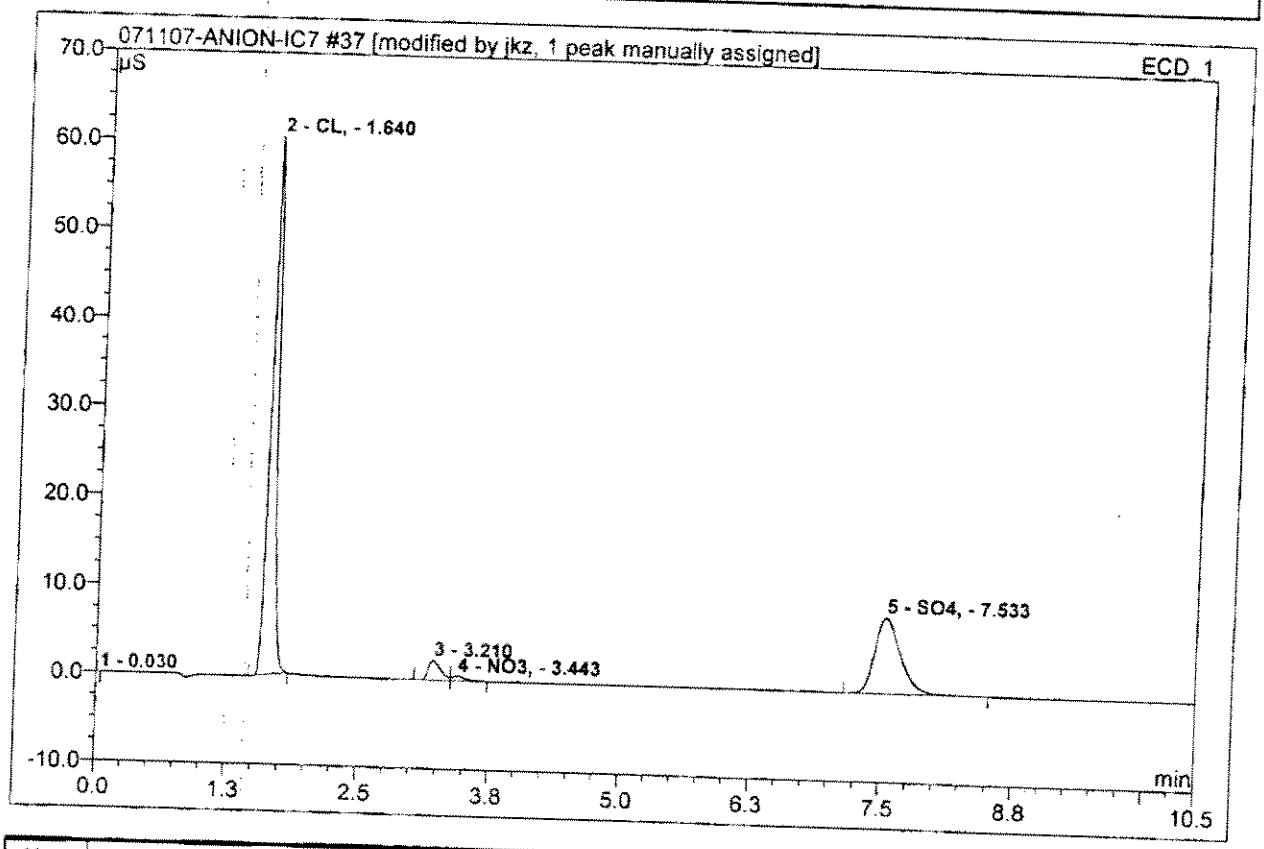
Sample Name:	**2707110361MS**	*Injection Volume:*	**1000.0**
Vial Number:	**131**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**2.0000**
Recording Time:	**7/11/2007 14:43**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.62	CL,	22.879	1.653	36.19	30.336	BMB
2	1.95	NO2-N,	0.911	0.080	1.75	0.794	BMB
3	3.37	NO3,	5.288	0.809	17.71	6.726	BMB
4	7.55	SO4,	7.220	2.026	44.35	54.534	BMB
Total:			36.298	4.568	100.00	92.390	

37 2707110559_1/50

Sample Name:	**2707110559_1/50**	*Injection Volume:*	**1000.0**
Vial Number:	**131**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**50.0000**
Recording Time:	**7/11/2007 14:56**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
2	1.64	CL,	60.426	4.605	62.47	1886.617	BMB
4	3.44	NO3,	0.460	0.066	0.89	14.289	MB*^
5	7.53	SO4,	8.606	2.415	32.76	1607.381	BMB
Total:			69.492	7.086	96.12	3508.287	

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

Revision # 3: May 28, 2007

Analysis Date: 07 12 07 **Analyst:** JK2

Instrument: IC #3

QC'd by _____ **Date** 20070102

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

X QIR needed for failed QC

X QIR needed for samples analyzed outside of hold time

Misc

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

— for NO2-N, MCL = 1 ppm

— for NO3, MCL = 10 ppm

NA NO3-LOW1

— SO4-LOW1

— NO39056

— CL-LF

— SO4-LF

— Change MDL for NO2-N & NO3 to 0.0125 for samples diluted more than 10X.

Received by Supervisor on 18-jul-2007
QIR initiated by: mce

QUALITY INVESTIGATION REPORT **QIR No.:** INOR_210785

Analysis date: 071207
Analyst: jkz
Method reference: ML-EPA 300
Analytical instrument: INIC
Extraction Date: NA
Prepared By: NA

Group	Sample#	Sample ID	Customer	QC Ref	Test
209942	2707110558	EFFLUENT	KERRMCGEE-MP	376244	NO2-N

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

Sample 2707110558 was analysed past holding time because the original bottle received was incorrectly labeled as UNPRESERVED. Nitric acid was suspected in the sample so another unpreserved sample with a neutral pH was analysed but this was found and analysed past holding time.
Both NO2-N and NO3 are affected.

Corrective Action Taken/Prevention:

pH of samples are taken and nonconforming samples should be re-analysed or analysed sa soon as possible.

Impact on Data Quality:

Data is not valid for compliance.
LIMS user:lmr Date/time stamp:20-jul-2007 11:32:51

Data Disposition/Acceptable/Method/Regulations:

Flag data with H1. Data not valid for compliance.
LIMS user:yyc Date/time stamp:20-jul-2007 18:00:21

Annotation:

H1-Sample analysis performed past holding time. Data not acceptable for regulatory compliance
LIMS user:yyc Date/time stamp:20-jul-2007 18:00:21

Client Contact:

ok to report with flag.
LIMS user:ade Date/time stamp:21-jul-2007 07:38:22

Detail Report for QIR group# 210785

Group	Sample#	Sample ID	Customer	QC Ref	Test	Analyst	Analysis Date	Prep	Prep Date	Inst
209942	2707110558	EFFLUENT	KERRMCGEE-MP	376244	NO2-N	jkz	07/12/07 16:55			INIC

Batch# 376244 NO2-N

Analyte	QC	Actual	Found	Lower	Yield	Upper	Statu
Nitrite, Nitrogen by IC	LCS1	1.0	1.09	90.0	109.0	110.0	OK
Nitrite, Nitrogen by IC	LCS2	1.0	1.06	90.0	106.0	110.0	OK
Nitrite, Nitrogen by IC	MBLK	ND	ND	0.0		0.0	OK
Nitrite, Nitrogen by IC	MRL_CHK	0.050	0.054	50.0	108.2	150.0	OK
Nitrite, Nitrogen by IC	MS	0.500	0.507	78.0	101.4	135.0	OK
Nitrite, Nitrogen by IC	MSD	0.500	0.506	78.0	101.2	135.0	OK
Nitrite, Nitrogen by IC	RPD_LCS	109.0	106.0	0.0	2.79	20.0	OK
Nitrite, Nitrogen by IC	RPD_MS	101.4	101.2	0.0	0.20	20.0	OK

SUMMARY SHEET

File ID: 071207an
Date Started: 07/10/07
Analyst ID: jkz

SAMPLE ID

autocal1	(14:06)	autocal2	(14:20)	autocal3	(14:33)
autocal4	(14:47)	autocal5	(15:01)	autocal6	(15:14)
autocal7	(15:28)	autocal8	(15:42)	autocal9	(15:55)
autocal10	(16:09)	autocal11	(16:23)	LOWRL	(10:19)
2707110558_1	(11:28)	2707110184	(11:41)	2707110185_1	(12:22)
2707110390_1	(12:36)	2707110395_1	(12:49)	2707110396_1	(13:03)
2707110264_1	(13:17)	2707110267_1	(13:30)	2707110268_1	(13:44)
2707110286_1	(13:58)	2707110288_1	(14:38)	2707110301_1	(14:52)
2707120317	(15:06)	2707120273	(15:33)	2707120268	(15:47)
2707120267	(16:00)	2707120254	(16:14)	2707120242	(16:28)
2707120247	(16:41)	2707110558_1	(16:55)	2707110592_1	(17:08)
LOWRL	(18:03)	2707120607	(19:11)	2707120625	(19:52)
2707120619	(20:06)	2707120639	(20:19)	2707120470_1	(20:33)
2707120472_1	(20:46)	2707120475_1	(21:00)	2707120484_1	(21:14)
2707120497_1	(21:27)	2707120506_1	(21:41)	2707120521	(22:22)
2707120522_1	(22:49)	2707120525_1	(23:03)	2707120527_1	(23:16)
2707120538_1	(23:30)	2707120539_1	(23:44)	2707120549_1	(23:57)
2707120552_1	(00:11)	2707120554_1	(00:25)	2707120557_1	(00:38)
LOWRL	(01:33)	2707120566	(02:41)	2707120569_1	(03:22)
2707120095_1	(03:35)	2707120096_1	(03:49)	2707120097_1	(04:03)
2707120098_1	(04:16)	2707120100_1	(04:30)	2707120102_1	(04:44)
2707120103_1	(04:57)	2707120104_1	(05:11)	2707120105	(05:52)
2707120106_1	(06:19)		()		

COMMENT:

Analyst: JKZ

Approved By: 20 JUL 07

File ID: 071207an RUN - LOG

Sample ID	Date	Time	Dil
autocal1	07/10/07	14:06	1
autocal2	07/10/07	14:20	1
autocal3	07/10/07	14:33	1
autocal4	07/10/07	14:47	1
autocal5	07/10/07	15:01	1
autocal6	07/10/07	15:14	1
autocal7	07/10/07	15:28	1
autocal8	07/10/07	15:42	1
autocal9	07/10/07	15:55	1
autocal10	07/10/07	16:09	1
autocal11	07/10/07	16:23	1
HCV2	07/12/07	09:25	1
HCV1	07/12/07	09:39	1
MCV	07/12/07	09:52	1
CCB	07/12/07	10:06	1
LOWRL	07/12/07	10:19	1
MRL	07/12/07	10:33	1
MBLANK	07/12/07	10:47	1
LCS	07/12/07	11:00	1
LCSD	07/12/07	11:14	1
2707110558_1/50DNR	07/12/07	11:28	50
2707110184	07/12/07	11:41	2
2707110184MS	07/12/07	11:55	2
2707110184MSD	07/12/07	12:08	2
2707110185_1/2	07/12/07	12:22	2
2707110390_1/2	07/12/07	12:36	2
2707110395_1/2	07/12/07	12:49	2
2707110396_1/2	07/12/07	13:03	2
2707110264_1/5	07/12/07	13:17	5
2707110267_1/5	07/12/07	13:30	5
2707110268_1/5	07/12/07	13:44	5
2707110286_1/5	07/12/07	13:58	5
MCV	07/12/07	14:11	1
CCB	07/12/07	14:25	1
2707110288_1/5	07/12/07	14:38	5
2707110301_1/5	07/12/07	14:52	5
2707120317	07/12/07	15:06	2
2707120317MS	07/12/07	15:19	2
2707120273	07/12/07	15:33	1
2707120268	07/12/07	15:47	1
2707120267	07/12/07	16:00	1
2707120254	07/12/07	16:14	1
2707120242	07/12/07	16:28	1
2707120247	07/12/07	16:41	1
2707110558_1/50	07/12/07	16:55	50
2707110592_1/500	07/12/07	17:08	500
HCV2	07/12/07	17:22	1
HCV1	07/12/07	17:36	1
CCB	07/12/07	17:49	1

File ID: 071207an RUN - LOG

Sample ID	Date	Time	Dil
LOWRL	07/12/07	18:03	1
MRL	07/12/07	18:17	1
MBLANK	07/12/07	18:30	1
LCS	07/12/07	18:44	1
LCSD	07/12/07	18:57	1
2707120607	07/12/07	19:11	1
2707120607MS	07/12/07	19:25	1
2707120607MSD	07/12/07	19:38	1
2707120625	07/12/07	19:52	1
2707120619	07/12/07	20:06	1
2707120639	07/12/07	20:19	1
2707120470_1/2	07/12/07	20:33	2
2707120472_1/2	07/12/07	20:46	2
2707120475_1/2	07/12/07	21:00	2
2707120484_1/2	07/12/07	21:14	2
2707120497_1/2	07/12/07	21:27	2
2707120506_1/2	07/12/07	21:41	2
MCV	07/12/07	21:55	1
CCB	07/12/07	22:08	1
2707120521	07/12/07	22:22	2
2707120521MS	07/12/07	22:36	2
2707120522_1/2	07/12/07	22:49	2
2707120525_1/2	07/12/07	23:03	2
2707120527_1/2	07/12/07	23:16	2
2707120538_1/2	07/12/07	23:30	2
2707120539_1/2	07/12/07	23:44	2
2707120549_1/2	07/12/07	23:57	2
2707120552_1/2	07/13/07	00:11	2
2707120554_1/2	07/13/07	00:25	2
2707120557_1/2	07/13/07	00:38	2
HCV2	07/13/07	00:52	1
HCV1	07/13/07	01:05	1
CCB	07/13/07	01:19	1
LOWRL	07/13/07	01:33	1
MRL	07/13/07	01:46	1
MBLANK	07/13/07	02:00	1
LCS	07/13/07	02:14	1
LCSD	07/13/07	02:27	1
2707120566	07/13/07	02:41	2
2707120566MS	07/13/07	02:55	2
2707120566MSD	07/13/07	03:08	2
2707120569_1/2	07/13/07	03:22	2
2707120095_1/2	07/13/07	03:35	2
2707120096_1/2	07/13/07	03:49	2
2707120097_1/2	07/13/07	04:03	2
2707120098_1/2	07/13/07	04:16	2
2707120100_1/2	07/13/07	04:30	2
2707120102_1/2	07/13/07	04:44	2
2707120103_1/2	07/13/07	04:57	2
2707120104_1/2	07/13/07	05:11	2

File ID: 071207an RUN - LOG

Sample ID	Date	Time	Dil
MCV	07/13/07	05:25	1
CCB	07/13/07	05:38	1
2707120105	07/13/07	05:52	2
2707120105MS	07/13/07	06:05	2
2707120106_1/2	07/13/07	06:19	2
HCV2	07/13/07	06:33	1
HCV1	07/13/07	06:46	1
CCB	07/13/07	08:46	1
			0

BATCH NUMBER for 071207an

Test Parameter:

CL NO2-N NO3 SO4 NO3A

Batch ID: 2707110184

2707110558_1/50DNR	2707110184	2707110185_1/2
2707110390_1/2	2707110395_1/2	2707110396_1/2
2707110264_1/5	2707110267_1/5	2707110268_1/5
2707110286_1/5	2707110288_1/5	2707110301_1/5
2707120317	2707120273	2707120268
2707120267	2707120254	2707120242
2707120247	2707110558_1/50	2707110592_1/500

Batch ID: 2707120607

2707120607	2707120625	2707120619
2707120639	2707120470_1/2	2707120472_1/2
2707120475_1/2	2707120484_1/2	2707120497_1/2
2707120506_1/2	2707120521	2707120522_1/2
2707120525_1/2	2707120527_1/2	2707120538_1/2
2707120539_1/2	2707120549_1/2	2707120552_1/2
2707120554_1/2	2707120557_1/2	

Batch ID: 2707120566

2707120566	2707120569_1/2	2707120095_1/2
2707120096_1/2	2707120097_1/2	2707120098_1/2
2707120100_1/2	2707120102_1/2	2707120103_1/2
2707120104_1/2	2707120105	2707120106_1/2

File ID: 071207an

NO3

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
autocal1	07/10/07	14:06	1	0	ND		
autocal2	07/10/07	14:20	1	.01153864	ND		
autocal3	07/10/07	14:33	1	.02346877	ND		
autocal4	07/10/07	14:47	1	.04551324	ND		
autocal5	07/10/07	15:01	1	.09272923	.1		
autocal6	07/10/07	15:14	1	.18729	0.19		
autocal7	07/10/07	15:28	1	.48118	0.48		
autocal8	07/10/07	15:42	1	.96830	0.97		
autocal9	07/10/07	15:55	1	2.4503	2.5		
autocal10	07/10/07	16:09	1	5.0504	5.1		
autocal11	07/10/07	16:23	1	9.9915	10		
HCV2	07/12/07	09:25	1	8.5158	8.52	90-110	106%
HCV1	07/12/07	09:39	1	5.2130	5.21	90-110	104%
MCV	07/12/07	09:52	1	2.0342	2.03	90-110	101%
CCB	07/12/07	10:06	1	0	ND		
LOWRL	07/12/07	10:19	1	.01102589	ND	TV=0.025	88%
MRL	07/12/07	10:33	1	.04959017 ✓	ND	50-150	99.1%
MBLANK	07/12/07	10:47	1	0	ND		
LCS	07/12/07	11:00	1	2.6352	2.64 ✓	90-110	105%
LCSD	07/12/07	11:14	1	2.5890	2.59 ✓	90-110	103%
2707110558_1/50DNR	07/12/07	11:28	50	180.58	180		
2707110184	07/12/07	11:41	2	5.7626	5.8 ✓	TV=1.25	1.28 ✓
2707110184MS	07/12/07	11:55	2	8.3262	8.33	[~~2.564~~]	102%
2707110184MSD	07/12/07	12:08	2	8.3209	8.32	1.28 [~~2.558~~]	102% ✓
2707110184T	07/12/07	12:08	2		2.50	90 - 110	
2707110185_1/2	07/12/07	12:22	2	5.7218	5.7 ✓		
2707110390_1/2	07/12/07	12:36	2	10.186	10 ✓		
2707110395_1/2	07/12/07	12:49	2	12.802	13 ✓		
2707110396_1/2	07/12/07	13:03	2	9.6283	9.6 ✓		
2707110264_1/5	07/12/07	13:17	5	4.5946	4.6 ✓		
2707110267_1/5	07/12/07	13:30	5	4.5760	4.6 ✓		
2707110268_1/5	07/12/07	13:44	5	5.3705	5.4 ✓		
2707110286_1/5	07/12/07	13:58	5	3.2550	3.3 ✓		
MCV	07/12/07	14:11	1	2.0543	2.05	90-110	102%
CCB	07/12/07	14:25	1	0	ND		
2707110288_1/5	07/12/07	14:38	5	.97890	0.98 ✓		
2707110301_1/5	07/12/07	14:52	5	1.3904	1.4 ✓		
2707120317	07/12/07	15:06	2	5.0867	5.1 ✓		
2707120317MS	07/12/07	15:19	2	7.6945	7.69	1.30 [~~2.608~~]	104%
2707120273	07/12/07	15:33	1	.005198405	ND ✓		
2707120268	07/12/07	15:47	1	.007061454	ND ✓		

File ID: 071207an

NO3

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
2707120267	07/12/07	16:00	1	.01323062	ND✓		
2707120254	07/12/07	16:14	1	.01378221	ND✓		
2707120242	07/12/07	16:28	1	.01659075	ND✓		
2707120247	07/12/07	16:41	1	.009201555	ND✓		
2707110558_1/50	07/12/07	16:55	50	0	ND✓		
2707110592_1/500	07/12/07	17:08	500	0	ND		
HCV2	07/12/07	17:22	1	8.6525	8.65	90-110	108%
HCV1	07/12/07	17:36	1	5.2976	5.3	90-110	105%
CCB	07/12/07	17:49	1	0	ND		
LOWRL	07/12/07	18:03	1	.01342839	ND	TV=0.0125	107%
MRL	07/12/07	18:17	1	.04881277	ND	50-150	97.6%
MBLANK	07/12/07	18:30	1	0	ND		
LCS	07/12/07	18:44	1	2.6465	2.65✓	90-110	105%
LCSD	07/12/07	18:57	1	2.5963	2.6✓	90-110	103%
2707120607	07/12/07	19:11	1	.02289817	ND✓		
2707120607MS	07/12/07	19:25	1	1.3317	1.33	TV=1.25 [1.309]	104%
2707120607MSD	07/12/07	19:38	1	1.3286	1.33	[1.306]	104%
2707120607T	07/12/07	19:38	1		1.25	90 - 110	
2707120625	07/12/07	19:52	1	.03008964	ND✓		
2707120619	07/12/07	20:06	1	.03064233	ND✓		
2707120639	07/12/07	20:19	1	.04078382	ND✓		
2707120470_1/2	07/12/07	20:33	2	7.2980	7.3✓		
2707120472_1/2	07/12/07	20:46	2	5.8891	5.9✓		
2707120475_1/2	07/12/07	21:00	2	4.9127	4.9✓		
2707120484_1/2	07/12/07	21:14	2	10.219	10✓		
2707120497_1/2	07/12/07	21:27	2	5.8102	5.8✓		
2707120506_1/2	07/12/07	21:41	2	5.2455	5.2✓		
MCV	07/12/07	21:55	1	2.0608	2.06	90-110	103%
CCB	07/12/07	22:08	1	0	ND		
2707120521	07/12/07	22:22	2	6.2183	6.2✓		
2707120521MS	07/12/07	22:36	2	8.9159	8.92	TV=1.25 1.35 [~~2.698~~]	107%
2707120522_1/2	07/12/07	22:49	2	6.3305	6.3✓		
2707120525_1/2	07/12/07	23:03	2	4.7178	4.7✓		
2707120527_1/2	07/12/07	23:16	2	8.9421	8.9✓		
2707120538_1/2	07/12/07	23:30	2	4.5229	4.5✓		
2707120539_1/2	07/12/07	23:44	2	4.5363	4.5✓		
2707120549_1/2	07/12/07	23:57	2	4.7460	4.7✓		
2707120552_1/2	07/13/07	00:11	2	4.9591	5.0✓		
2707120554_1/2	07/13/07	00:25	2	6.3033	6.3✓		
2707120557_1/2	07/13/07	00:38	2	6.2339	6.2✓		
HCV2	07/13/07	00:52	1	8.6217	8.62	90-110	107%

File ID: 071207an

NO3

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
HCV1							
CCB	07/13/07	01:05	1	5.2902	5.29	90-110	105%
LOWRL	07/13/07	01:19	1	0	ND		
MRL	07/13/07	01:33	1	.01346333	ND	TV=0.0125	108
MBLANK	07/13/07	01:46	1	.05058	0.0505	50-150	101%
LCS	07/13/07	02:00	1	0	ND		
LCSD	07/13/07	02:14	1	2.6630	2.66✓	90-110	106%
2707120566	07/13/07	02:27	1	2.6066	2.61✓	90-110	104%
2707120566MS	07/13/07	02:41	2	5.1349	5.1✓		
2707120566MSD	07/13/07	02:55	2	7.6884	7.69	TV=1.25 1.28✓ [~~2.554~~]	102%
2707120566T	07/13/07	03:08	2	7.7201	7.72	1.29 [~~2.585~~]	103%
2707120569_1/2	07/13/07	03:08	2		2.50	90 - 110	
2707120095_1/2	07/13/07	03:22	2	5.0603	5.1✓		
2707120096_1/2	07/13/07	03:35	2	5.8015	5.8✓		
2707120097_1/2	07/13/07	03:49	2	5.8455	5.8✓		
2707120098_1/2	07/13/07	04:03	2	5.8430	5.8✓		
2707120100_1/2	07/13/07	04:16	2	5.7425	5.7✓		
2707120102_1/2	07/13/07	04:30	2	15.956	16✓		
2707120103_1/2	07/13/07	04:44	2	5.6550	5.7✓		
2707120104_1/2	07/13/07	04:57	2	8.8670	8.9✓		
MCV	07/13/07	05:11	2	5.7542	5.8✓		
CCB	07/13/07	05:25	1	2.0717	2.07	90-110	103%
2707120105	07/13/07	05:38	1	0	ND		
2707120105MS	07/13/07	05:52	2	4.6524	4.7✓		
2707120106_1/2	07/13/07	06:05	2	7.2507	7.25	1.30 [~~2.598~~]	103%
HCV2	07/13/07	06:19	2	4.5945	4.6✓		
HCV1	07/13/07	06:33	1	8.6271	8.63	90-110	107%
CCB	07/13/07	06:46	1	5.2919	5.29	90-110	105%
	07/13/07	08:46	1	0	ND		
			0	N/A	ND		

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,	07/10/07 14:06,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
2,	autocal2,	07/10/07 14:20,	1.0,	0.118126386,	0.013965993,	0.0115386,	0.2621936,
3,	autocal3,	07/10/07 14:33,	1.0,	0.223675493,	0.0281113,	0.0234688,	0.52863062,
4,	autocal4,	07/10/07 14:47,	1.0,	0.432760323,	0.05017342,	0.0455132,	0.96571899,
5,	autocal5,	07/10/07 15:01,	1.0,	0.860797374,	0.100403249,	0.0927292,	1.91942864,
6,	autocal6,	07/10/07 15:14,	1.0,	1.746936157,	0.202843196,	0.1872982,	3.8594917,
7,	autocal7,	07/10/07 15:28,	1.0,	4.642135064,	0.497411075,	0.4811875,	9.93009854,
8,	autocal8,	07/10/07 15:42,	1.0,	9.708515599,	1.014246811,	0.9683048,	19.9632997,
9,	autocal9,	07/10/07 15:55,	1.0,	25.30756242,	2.488573854,	2.4503152,	50.0653027,
10,	autocal10,	07/10/07 16:09,	1.0,	49.94804468,	5.003573895,	5.0504371,	99.9880984,
11,	autocal11,	07/10/07 16:23,	1.0,	88.3792601,	9.999695164,	9.9915059,	182.342411,
12,	HCV2,	07/12/07 09:25,	1.0,	78.03821395,	8.061569256,	8.515838,	159.959851,
13,	HCV1,	07/12/07 09:39,	1.0,	51.27513975,	5.117248661,	5.2130676,	103.186401,
14,	MCV,	07/12/07 09:52,	1.0,	20.95483117,	2.087182311,	2.0342891,	41.6521481,
15,	CCB,	07/12/07 10:06,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
16,	LOWRL,	07/12/07 10:19,	1.0,	0.125742126,	0.017062097,	0.0110259,	0.25728195,
17,	MRL,	07/12/07 10:33,	1.0,	0.457955076,	0.054144917,	0.0495902,	1.02267351,
18,	MBLANK,	07/12/07 10:47,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
19,	LCS,	07/12/07 11:00,	1.0,	27.27602555,	1.086766884,	2.6352088,	54.6917833,
20,	LCSD,	07/12/07 11:14,	1.0,	26.81494193,	1.057840197,	2.5890242,	53.6398721,
21,	2707110558_1/50Dl	07/12/07 11:28,	50.0,	2198.722426,	n.a.,	180.5816,	1555.37202,
22,	2707110184,	07/12/07 11:41,	2.0,	31.36847977,	n.a.,	5.7626759,	73.1929201,
23,	2707110184MS,	07/12/07 11:55,	2.0,	57.84331408,	1.013399381,	8.3262775,	124.775552,
24,	2707110184MSD,	07/12/07 12:08,	2.0,	57.8204331,	1.01269831,	8.3209877,	124.677763,
25,	2707110185_1/2,	07/12/07 12:22,	2.0,	31.00582412,	n.a.,	5.7218166,	72.7135883,
26,	2707110390_1/2,	07/12/07 12:36,	2.0,	71.18728966,	n.a.,	10.186031,	102.591119,
27,	2707110395_1/2,	07/12/07 12:49,	2.0,	53.92424455,	n.a.,	12.802214,	107.849809,
28,	2707110396_1/2,	07/12/07 13:03,	2.0,	19.64346707,	n.a.,	9.6283255,	108.479504,
29,	2707110264_1/5,	07/12/07 13:17,	5.0,	290.7522068,	n.a.,	4.5946618,	187.646056,
30,	2707110267_1/5,	07/12/07 13:30,	5.0,	290.6425459,	n.a.,	4.5760258,	187.533518,
31,	2707110268_1/5,	07/12/07 13:44,	5.0,	277.9424384,	n.a.,	5.3705386,	169.004892,
32,	2707110286_1/5,	07/12/07 13:58,	5.0,	314.6040015,	n.a.,	3.2550163,	175.001087,
33,	MCV,	07/12/07 14:11,	1.0,	21.1322489,	2.087797496,	2.0543457,	41.9667511,
34,	CCB,	07/12/07 14:25,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
35,	2707110288_1/5,	07/12/07 14:38,	5.0,	273.6866897,	n.a.,	0.9789091,	78.5380916,
36,	2707110301_1/5,	07/12/07 14:52,	5.0,	265.1950681,	n.a.,	1.3904473,	64.4761389,
37,	2707120317,	07/12/07 15:06,	2.0,	93.50124033,	n.a.,	5.0867824,	129.313591,
38,	2707120317MS,	07/12/07 15:19,	2.0,	115.8406179,	1.000214823,	7.6945744,	178.931065,
39,	2707120273,	07/12/07 15:33,	1.0,	7.717653539,	0.013532665,	0.0051984,	0.47883238,
40,	2707120268,	07/12/07 15:47,	1.0,	7.751624975,	0.011445706,	0.0070615,	0.47768837,
41,	2707120267,	07/12/07 16:00,	1.0,	7.942002402,	0.01105534,	0.0132306,	0.49952333,
42,	2707120254,	07/12/07 16:14,	1.0,	7.906520251,	n.a.,	0.0137822,	0.50088103,
43,	2707120242,	07/12/07 16:28,	1.0,	8.142019673,	0.012800286,	0.0165908,	0.53887868,
44,	2707120247,	07/12/07 16:41,	1.0,	7.796417481,	0.013421724,	0.0092016,	0.46551503,

45,	2707110558_1/50,	07/12/07 16:55,	50.0,	2215.685492,	n.a.,	n.a.,	1575.06402,
46,	2707110592_1/500,	07/12/07 17:08,	500.0,	17171.94155,	n.a.,	n.a.,	2307.69764,
47,	HCV2,	07/12/07 17:22,	1.0,	78.90835707,	8.107432405,	8.6525491,	161.396908,
48,	HCV1,	07/12/07 17:36,	1.0,	52.00030126,	5.179569994,	5.2976293,	104.366094,
49,	CCB,	07/12/07 17:49,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
50,	LOWRL,	07/12/07 18:03,	1.0,	0.126857263,	0.017275576,	0.0134284,	0.25876102,
51,	MRL,	07/12/07 18:17,	1.0,	0.471924788,	0.055824209,	0.0488128,	1.03691418,
52,	MBLANK,	07/12/07 18:30,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
53,	LCS,	07/12/07 18:44,	1.0,	27.37834315,	1.094258376,	2.6465391,	54.806633,
54,	LCSD,	07/12/07 18:57,	1.0,	26.87711678,	1.064618443,	2.5963601,	53.8338684,
55,	2707120607,	07/12/07 19:11,	1.0,	8.164671259,	n.a.,	0.0228982,	0.55172264,
56,	2707120607MS,	07/12/07 19:25,	1.0,	17.54282327,	0.482991896,	1.3317843,	26.7734195,
57,	2707120607MSD,	07/12/07 19:38,	1.0,	17.51093294,	0.480058821,	1.3286707,	26.7040924,
58,	2707120625,	07/12/07 19:52,	1.0,	8.216909229,	n.a.,	0.0300896,	0.57717539,
59,	2707120619,	07/12/07 20:06,	1.0,	8.284573721,	0.015809788,	0.0306423,	0.59699368,
60,	2707120639,	07/12/07 20:19,	1.0,	8.470757322,	0.016880763,	0.0407838,	0.57285636,
61,	2707120470_1/2,	07/12/07 20:33,	2.0,	17.97353809,	n.a.,	7.2980112,	75.700557,
62,	2707120472_1/2,	07/12/07 20:46,	2.0,	22.87831005,	n.a.,	5.8891629,	61.3684037,
63,	2707120475_1/2,	07/12/07 21:00,	2.0,	25.6215271,	n.a.,	4.912789,	51.3444285,
64,	2707120484_1/2,	07/12/07 21:14,	2.0,	14.99633845,	n.a.,	10.219328,	55.5179458,
65,	2707120497_1/2,	07/12/07 21:27,	2.0,	11.80934818,	n.a.,	5.8102084,	48.971294,
66,	2707120506_1/2,	07/12/07 21:41,	2.0,	11.85383377,	n.a.,	5.2455323,	50.9151792,
67,	MCV,	07/12/07 21:55,	1.0,	21.22430135,	2.095835154,	2.0608892,	42.1712765,
68,	CCB,	07/12/07 22:08,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
69,	2707120521,	07/12/07 22:22,	2.0,	11.91819618,	n.a.,	6.2183066,	52.3289819,
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71,	2707120522_1/2,	07/12/07 22:49,	2.0,	11.98390323,	n.a.,	6.3305519,	52.6317948,
72,	2707120525_1/2,	07/12/07 23:03,	2.0,	11.54637412,	n.a.,	4.7178431,	51.6161648,
73,	2707120527_1/2,	07/12/07 23:16,	2.0,	15.10286662,	n.a.,	8.9421345,	56.2257341,
74,	2707120538_1/2,	07/12/07 23:30,	2.0,	10.8059235,	n.a.,	4.5229617,	51.0878489,
75,	2707120539_1/2,	07/12/07 23:44,	2.0,	10.85332773,	n.a.,	4.5363673,	51.312451,
76,	2707120549_1/2,	07/12/07 23:57,	2.0,	11.27306345,	n.a.,	4.7460251,	38.6268442,
77,	2707120552_1/2,	07/13/07 00:11,	2.0,	11.76761388,	n.a.,	4.9591819,	40.2942886,
78,	2707120554_1/2,	07/13/07 00:25,	2.0,	34.07844955,	n.a.,	6.3033219,	70.7674093,
79,	2707120557_1/2,	07/13/07 00:38,	2.0,	33.70943665,	n.a.,	6.2339553,	70.0928534,
80,	HCV2,	07/13/07 00:52,	1.0,	78.63345115,	8.110660701,	8.6217341,	161.227611,
81,	HCV1,	07/13/07 01:05,	1.0,	52.05906557,	5.161869248,	5.2902593,	104.367728,
82,	CCB,	07/13/07 01:19,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
83,	LOWRL,	07/13/07 01:33,	1.0,	0.124484106,	0.0174189,	0.0134633,	0.26570726,
84,	MRL,	07/13/07 01:46,	1.0,	0.471796756,	0.053771434,	0.0505819,	1.04202669,
85,	MBLANK,	07/13/07 02:00,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
86,	LCS,	07/13/07 02:14,	1.0,	27.5685863,	1.096830419,	2.6630764,	55.1507417,
87,	LCSD,	07/13/07 02:27,	1.0,	26.96701694,	1.070021991,	2.606626,	53.9984076,
88,	2707120566,	07/13/07 02:41,	2.0,	23.81775505,	n.a.,	5.1349214,	59.7029709,
89,	2707120566MS,	07/13/07 02:55,	2.0,	50.79556459,	1.057530354,	7.6884631,	112.16082,
90,	2707120566MSD,	07/13/07 03:08,	2.0,	50.76758711,	1.050559462,	7.7201969,	112.075498,
91,	2707120569_1/2,	07/13/07 03:22,	2.0,	23.87897448,	n.a.,	5.0603778,	59.6645158,
92,	2707120095_1/2,	07/13/07 03:35,	2.0,	31.52304871,	n.a.,	5.801594,	73.1438531,

93,	2707120096_1/2,	07/13/07 03:49,	2.0,	31.87528955,	n.a.,	5.8455534,	73.722743,
94,	2707120097_1/2,	07/13/07 04:03,	2.0,	31.89145589,	n.a.,	5.843011,	73.7839008,
95,	2707120098_1/2,	07/13/07 04:16,	2.0,	31.3053941,	n.a.,	5.7425398,	72.4020172,
96,	2707120100_1/2,	07/13/07 04:30,	2.0,	88.47652159,	n.a.,	15.956321,	101.989596,
97,	2707120102_1/2,	07/13/07 04:44,	2.0,	28.13267022,	n.a.,	5.6550156,	37.7632358,
98,	2707120103_1/2,	07/13/07 04:57,	2.0,	51.60196811,	n.a.,	8.8670138,	58.7594088,
99,	2707120104_1/2,	07/13/07 05:11,	2.0,	57.70732167,	n.a.,	5.7542562,	72.1115549,
100,	MCV,	07/13/07 05:25,	1.0,	21.3042032,	2.097423704,	2.0717279,	42.2938019,
101,	CCB,	07/13/07 05:38,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
102,	2707120105,	07/13/07 05:52,	2.0,	49.08491864,	n.a.,	4.6524474,	63.2360984,
103,	2707120105MS,	07/13/07 06:05,	2.0,	72.75254493,	1.07211084,	7.25076,	116.063769,
104,	2707120106_1/2,	07/13/07 06:19,	2.0,	49.33022852,	n.a.,	4.5945752,	65.6308165,
105,	HCV2,	07/13/07 06:33,	1.0,	78.95032425,	8.147547687,	8.627135,	161.423383,
106,	HCV1,	07/13/07 06:46,	1.0,	52.02582597,	5.176374356,	5.2919211,	104.41453,
107,	CCB,	07/13/07 08:46,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
108,	STOP,	07/13/07 07:00,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,

jkz

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Sequence: 071207AN
Operator: jkz

Title: Anion by EPA 300.0
Datasource: Dionex_USPAS2SDIO2
Location: IC\IC3_DX120_Anions\2007\July
Timebase: IC3
#Samples: 108

Printed: 7/13/2007 3:04:58 PM

Created: 7/12/2007 9:15:55 AM by jkz
Last Update: 7/13/2007 2:46:12 PM by jkz

No.	Name	Sample ID	Dil. Factor	Type	Program	Method
1	autocal1		1.0000	Standard	IC#3-ANION TTL2	ANION-IC#3
2	autocal2		1.0000	Standard	IC#3-ANION TTL2	ANION-IC#3
3	autocal3		1.0000	Standard	IC#3-ANION TTL2	ANION-IC#3
4	autocal4		1.0000	Standard	IC#3-ANION TTL2	ANION-IC#3
5	autocal5		1.0000	Standard	IC#3-ANION TTL2	ANION-IC#3
6	autocal6		1.0000	Standard	IC#3-ANION TTL2	ANION-IC#3
7	autocal7		1.0000	Standard	IC#3-ANION TTL2	ANION-IC#3
8	autocal8		1.0000	Standard	IC#3-ANION TTL2	ANION-IC#3
9	autocal9		1.0000	Standard	IC#3-ANION TTL2	ANION-IC#3
10	autocal10		1.0000	Standard	IC#3-ANION TTL2	ANION-IC#3
11	autocal11		1.0000	Standard	IC#3-ANION TTL2	ANION-IC#3
12	HCV2		1.0000	Standard	IC#3-ANION TTL2	ANION-IC#3
13	HCV1		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
14	MCV		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
15	CCB		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
16	LOWRL		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
17	MRL		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
18	MBLANK		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
19	LCS		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
20	LCSD		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
21	2707110558_1/50DNR	RPT-KERR-EFFLUENT	50.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
22	2707110184	[redacted]	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
23	2707110184MS	[redacted]	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
24	2707110184MSD	[redacted]	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
25	2707110185_1/2	[redacted]	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
26	2707110390_1/2	[redacted]	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
27	2707110395_1/2	[redacted]	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
28	2707110396_1/2	[redacted]	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
29	2707110264_1/5	[redacted]	5.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
30	2707110267_1/5	[redacted]	5.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
31	2707110268_1/5	[redacted]	5.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
32	2707110286_1/5	[redacted]	5.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
33	MCV		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
34	CCB		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
35	2707110288_1/5	[redacted]	5.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
36	2707110301_1/5	[redacted]	5.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
37	2707120317	[redacted]	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
38	2707120317MS	[redacted]	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
39	2707120273	[redacted]	1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
40	2707120268	[redacted]	1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
41	2707120267	[redacted]	1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
42	2707120254	[redacted]	1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3

Title: Anion by EPA 300.0
Datasource: Dionex_USPAS2SDIO2
Location: IC\IC3_DX120_Anions\2007\July
Timebase: IC3
#Samples: 108

Created: 7/12/2007 9:15:55 AM by jkz
Last Update: 7/13/2007 2:46:12 PM by jkz

No.	Name	Status	Comment	Inj. Date/Time	*Analyst	*operator	*Spike
1	autocal1	Finished		7/10/2007 2:06:37 PM	jkz	JKZ	
2	autocal2	Finished	JKZ070709-1	7/10/2007 2:20:15 PM	jkz	JKZ	
3	autocal3	Finished	JKZ070709-2	7/10/2007 2:33:53 PM	jkz	JKZ	
4	autocal4	Finished	JKZ070709-3	7/10/2007 2:47:31 PM	jkz	JKZ	
5	autocal5	Finished	JKZ070709-4	7/10/2007 3:01:10 PM	jkz	JKZ	
6	autocal6	Finished	JKZ070709-5	7/10/2007 3:14:49 PM	jkz	JKZ	
7	autocal7	Finished	JKZ070709-6	7/10/2007 3:28:37 PM	jkz	JKZ	
8	autocal8	Finished	JKZ070709-7	7/10/2007 3:42:14 PM	jkz	JKZ	
9	autocal9	Finished	JKZ070709-8	7/10/2007 3:55:51 PM	jkz	JKZ	
10	autocal10	Finished	JKZ070709-9	7/10/2007 4:09:30 PM	jkz	JKZ	
11	autocal11	Finished	JKZ070709-10	7/10/2007 4:23:09 PM	jkz	JKZ	
12	HCV2	Finished		7/12/2007 9:25:22 AM	jkz	JKZ	
13	HCV1	Finished		7/12/2007 9:39:00 AM	jkz	JKZ	
14	MCV	Finished		7/12/2007 9:52:38 AM	jkz	JKZ	
15	CCB	Finished		7/12/2007 10:06:16 AM	jkz	JKZ	
16	LOWRL	Finished		7/12/2007 10:19:54 AM	jkz	JKZ	
17	MRL	Finished		7/12/2007 10:33:32 AM	jkz	JKZ	
18	MBLANK	Finished		7/12/2007 10:47:09 AM	jkz	JKZ	
19	LCS	Finished		7/12/2007 11:00:47 AM	jkz	JKZ	
20	LCSD	Finished		7/12/2007 11:14:26 AM	jkz	JKZ	
21	2707110558_1/50DNR	Finished		7/12/2007 11:28:04 AM	jkz	JKZ	
22	2707110184	Finished		7/12/2007 11:41:42 AM	jkz	JKZ	
23	2707110184MS	Finished		7/12/2007 11:55:20 AM	jkz	JKZ	
24	2707110184MSD	Finished		7/12/2007 12:08:58 PM	jkz	JKZ	
25	2707110185_1/2	Finished		7/12/2007 12:22:36 PM	jkz	JKZ	
26	2707110390_1/2	Finished		7/12/2007 12:36:14 PM	jkz	JKZ	
27	2707110395_1/2	Finished		7/12/2007 12:49:52 PM	jkz	JKZ	
28	2707110396_1/2	Finished		7/12/2007 1:03:31 PM	jkz	JKZ	
29	2707110264_1/5	Finished		7/12/2007 1:17:09 PM	jkz	JKZ	
30	2707110267_1/5	Finished		7/12/2007 1:30:46 PM	jkz	JKZ	
31	2707110268_1/5	Finished		7/12/2007 1:44:24 PM	jkz	JKZ	
32	2707110286_1/5	Finished		7/12/2007 1:58:01 PM	jkz	JKZ	
33	MCV	Finished		7/12/2007 2:11:40 PM	jkz	JKZ	
34	CCB	Finished		7/12/2007 2:25:18 PM	jkz	JKZ	
35	2707110288_1/5	Finished		7/12/2007 2:38:57 PM	jkz	JKZ	
36	2707110301_1/5	Finished		7/12/2007 2:52:35 PM	jkz	JKZ	
37	2707120317	Finished		7/12/2007 3:06:13 PM	jkz	JKZ	
38	2707120317MS	Finished		7/12/2007 3:19:51 PM	jkz	JKZ	
39	2707120273	Finished		7/12/2007 3:33:29 PM	jkz	JKZ	
40	2707120268	Finished		7/12/2007 3:47:07 PM	jkz	JKZ	
41	2707120267	Finished		7/12/2007 4:00:44 PM	jkz	JKZ	
42	2707120254	Finished		7/12/2007 4:14:23 PM	jkz	JKZ	

Title: Anion by EPA 300.0
Datasource: Dionex_USPAS2SDIO2
Location: IC\IC3_DX120_Anions\2007\July
Timebase: IC3
#Samples: 108

Created: 7/12/2007 9:15:55 AM by jkz
Last Update: 7/13/2007 2:46:12 PM by jkz

No.	Name	Sample ID	Dil. Factor	Type	Program	Method
43	2707120242	[redacted]	1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
44	2707120247	[redacted]	1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
45	2707110558_1/50	RPT-KERR-EFFLUENT	50.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
46	2707110592_1/500	[redacted]	500.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
47	HCV2		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
48	HCV1		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
49	CCB		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
50	LOWRL		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
51	MRL		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
52	MBLANK		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
53	LCS		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
54	LCSD		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
55	2707120607	[redacted]	1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
56	2707120607MS	[redacted]	1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
57	2707120607MSD	[redacted]	1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
58	2707120625	[redacted]	1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
59	2707120619	[redacted]	1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
60	2707120639	[redacted]	1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
61	2707120470_1/2	[redacted]	1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
62	2707120472_1/2	[redacted]	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
63	2707120475_1/2	[redacted]	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
64	2707120484_1/2	[redacted]	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
65	2707120497_1/2	[redacted]	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
66	2707120506_1/2	[redacted]	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
67	MCV		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
68	CCB		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
69	2707120521	[redacted]	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
70	2707120521MS	[redacted]	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
71	2707120522_1/2	[redacted]	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
72	2707120525_1/2	[redacted]	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
73	2707120527_1/2	[redacted]	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
74	2707120538_1/2	[redacted]	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
75	2707120539_1/2	[redacted]	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
76	2707120549_1/2	[redacted]	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
77	2707120552_1/2	[redacted]	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
78	2707120554_1/2	[redacted]	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
79	2707120557_1/2	[redacted]	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
80	HCV2		2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
81	HCV1		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
82	CCB		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
83	LOWRL		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
84	MRL		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3

Title: Anion by EPA 300.0
Datasource: Dionex_USPAS2SDIO2
Location: IC\IC3_DX120_Anions\2007\July
Timebase: IC3
#Samples: 108

Created: 7/12/2007 9:15:55 AM by jkz
Last Update: 7/13/2007 2:46:12 PM by jkz

No.	Name	Status	Comment	Inj. Date/Time	*Analyst	*operator	*Spike
43	2707120242	Finished		7/12/2007 4:28:01 PM	jkz	JKZ	
44	2707120247	Finished		7/12/2007 4:41:39 PM	jkz	JKZ	
45	2707110558_1/50	Finished		7/12/2007 4:55:17 PM	jkz	JKZ	
46	2707110592_1/500	Finished		7/12/2007 5:08:55 PM	jkz	JKZ	
47	HCV2	Finished		7/12/2007 5:22:33 PM	jkz	JKZ	
48	HCV1	Finished		7/12/2007 5:36:10 PM	jkz	JKZ	
49	CCB	Finished		7/12/2007 5:49:47 PM	jkz	JKZ	
50	LOWRL	Finished		7/12/2007 6:03:25 PM	jkz	JKZ	
51	MRL	Finished		7/12/2007 6:17:03 PM	jkz	JKZ	
52	MBLANK	Finished		7/12/2007 6:30:40 PM	jkz	JKZ	
53	LCS	Finished		7/12/2007 6:44:18 PM	jkz	JKZ	
54	LCSD	Finished		7/12/2007 6:57:56 PM	jkz	JKZ	
55	2707120607	Finished		7/12/2007 7:11:34 PM	jkz	JKZ	
56	2707120607MS	Finished		7/12/2007 7:25:12 PM	jkz	JKZ	
57	2707120607MSD	Finished		7/12/2007 7:38:50 PM	jkz	JKZ	
58	2707120625	Finished		7/12/2007 7:52:28 PM	jkz	JKZ	
59	2707120619	Finished		7/12/2007 8:06:05 PM	jkz	JKZ	
60	2707120639	Finished		7/12/2007 8:19:43 PM	jkz	JKZ	
61	2707120470_1/2	Finished		7/12/2007 8:33:21 PM	jkz	JKZ	
62	2707120472_1/2	Finished		7/12/2007 8:46:59 PM	jkz	JKZ	
63	2707120475_1/2	Finished		7/12/2007 9:00:37 PM	jkz	JKZ	
64	2707120484_1/2	Finished		7/12/2007 9:14:14 PM	jkz	JKZ	
65	2707120497_1/2	Finished		7/12/2007 9:27:52 PM	jkz	JKZ	
66	2707120506_1/2	Finished		7/12/2007 9:41:30 PM	jkz	JKZ	
67	MCV	Finished		7/12/2007 9:55:07 PM	jkz	JKZ	
68	CCB	Finished		7/12/2007 10:08:45 PM	jkz	JKZ	
69	2707120521	Finished		7/12/2007 10:22:23 PM	jkz	JKZ	
70	2707120521MS	Finished		7/12/2007 10:36:01 PM	jkz	JKZ	
71	2707120522_1/2	Finished		7/12/2007 10:49:39 PM	jkz	JKZ	
72	2707120525_1/2	Finished		7/12/2007 11:03:16 PM	jkz	JKZ	
73	2707120527_1/2	Finished		7/12/2007 11:16:54 PM	jkz	JKZ	
74	2707120538_1/2	Finished		7/12/2007 11:30:32 PM	jkz	JKZ	
75	2707120539_1/2	Finished		7/12/2007 11:44:10 PM	jkz	JKZ	
76	2707120549_1/2	Finished		7/12/2007 11:57:47 PM	jkz	JKZ	
77	2707120552_1/2	Finished		7/13/2007 12:11:25 AM	jkz	JKZ	
78	2707120554_1/2	Finished		7/13/2007 12:25:03 AM	jkz	JKZ	
79	2707120557_1/2	Finished		7/13/2007 12:38:41 AM	jkz	JKZ	
80	HCV2	Finished		7/13/2007 12:52:19 AM	jkz	JKZ	
81	HCV1	Finished		7/13/2007 1:05:56 AM	jkz	JKZ	
82	CCB	Finished		7/13/2007 1:19:34 AM	jkz	JKZ	
83	LOWRL	Finished		7/13/2007 1:33:12 AM	jkz	JKZ	
84	MRL	Finished		7/13/2007 1:46:50 AM	jkz	JKZ	

Title: Anion by EPA 300.0
Datasource: Dionex_USPAS2SDIO2
Location: IC\IC3_DX120_Anions\2007\July
Timebase: IC3
#Samples: 108

Created: 7/12/2007 9:15:55 AM by jkz
Last Update: 7/13/2007 2:46:12 PM by jkz

No.	Name	Sample ID	Dil. Factor	Type	Program	Method
85	MBLANK		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
86	LCS		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
87	LCSD		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
88	2707120566	[redacted]	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
89	2707120566MS	[redacted]	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
90	2707120566MSD	[redacted]	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
91	2707120569_1/2	[redacted]	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
92	2707120095_1/2	[redacted]	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
93	2707120096_1/2	[redacted]	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
94	2707120097_1/2	[redacted]	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
95	2707120098_1/2	[redacted]	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
96	2707120100_1/2	[redacted]	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
97	2707120102_1/2	[redacted]	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
98	2707120103_1/2	[redacted]	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
99	2707120104_1/2	[redacted]	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
100	MCV		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
101	CCB		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
102	2707120105	[redacted]	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
103	2707120105MS	[redacted]	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
104	2707120106_1/2	[redacted]	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
105	HCV2		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
106	HCV1		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
107	CCB		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
108	STOP		1.0000	Unknown	STOP JAN03	ANION-IC#3

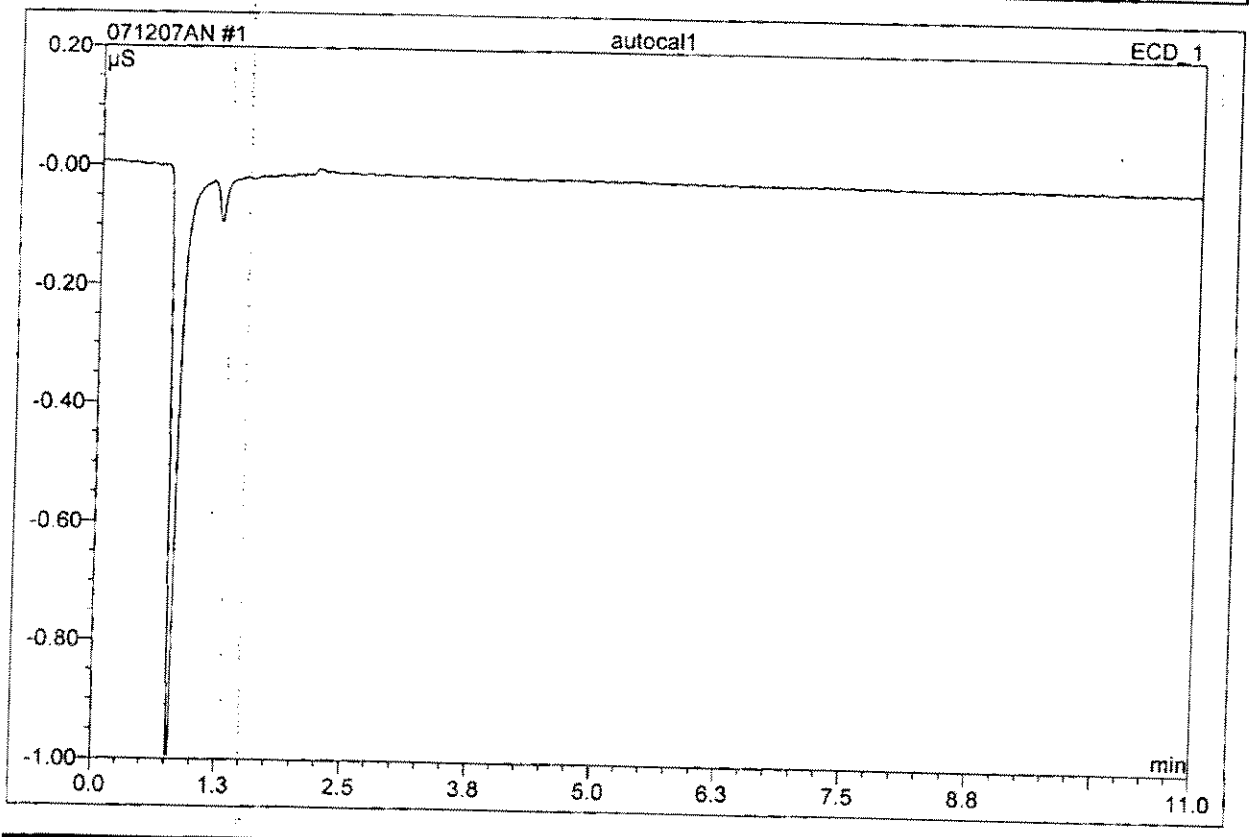
Title: Anion by EPA 300.0
Datasource: Dionex_USPAS2SDIO2
Location: IC\IC3_DX120_Anions\2007\July
Timebase: IC3
#Samples: 108

Created: 7/12/2007 9:15:55 AM by jkz
Last Update: 7/13/2007 2:46:12 PM by jkz

No.	Name	Status	Comment	Inj. Date/Time	*Analyst	*operator	*Spike
85	MBLANK	Finished		7/13/2007 2:00:27 AM	jkz	JKZ	
86	LCS	Finished		7/13/2007 2:14:05 AM	jkz	JKZ	
87	LCSD	Finished		7/13/2007 2:27:43 AM	jkz	JKZ	
88	2707120566	Finished		7/13/2007 2:41:22 AM	jkz	JKZ	
89	2707120566MS	Finished		7/13/2007 2:55:03 AM	jkz	JKZ	
90	2707120566MSD	Finished		7/13/2007 3:08:41 AM	jkz	JKZ	
91	2707120569_1/2	Finished		7/13/2007 3:22:19 AM	jkz	JKZ	
92	2707120095_1/2	Finished		7/13/2007 3:35:57 AM	jkz	JKZ	
93	2707120096_1/2	Finished		7/13/2007 3:49:35 AM	jkz	JKZ	
94	2707120097_1/2	Finished		7/13/2007 4:03:13 AM	jkz	JKZ	
95	2707120098_1/2	Finished		7/13/2007 4:16:50 AM	jkz	JKZ	
96	2707120100_1/2	Finished		7/13/2007 4:30:28 AM	jkz	JKZ	
97	2707120102_1/2	Finished		7/13/2007 4:44:06 AM	jkz	JKZ	
98	2707120103_1/2	Finished		7/13/2007 4:57:44 AM	jkz	JKZ	
99	2707120104_1/2	Finished		7/13/2007 5:11:23 AM	jkz	JKZ	
100	MCV	Finished		7/13/2007 5:25:01 AM	jkz	JKZ	
101	CCB	Finished		7/13/2007 5:38:39 AM	jkz	JKZ	
102	2707120105	Finished		7/13/2007 5:52:16 AM	jkz	JKZ	
103	2707120105MS	Finished		7/13/2007 6:05:55 AM	jkz	JKZ	
104	2707120106_1/2	Finished		7/13/2007 6:19:33 AM	jkz	JKZ	
105	HCV2	Finished		7/13/2007 6:33:10 AM	jkz	JKZ	
106	HCV1	Finished		7/13/2007 6:46:48 AM	jkz	JKZ	
107	CCB	Finished		7/13/2007 8:46:49 AM	jkz	JKZ	
108	STOP	Finished		7/13/2007 7:00:26 AM	jkz	JKZ	

1 autocal1

Sample Name:	**autocal1**	*Injection Volume:*	**1000.0**
Vial Number:	**8**	*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:	**7/10/2007 14:06**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**

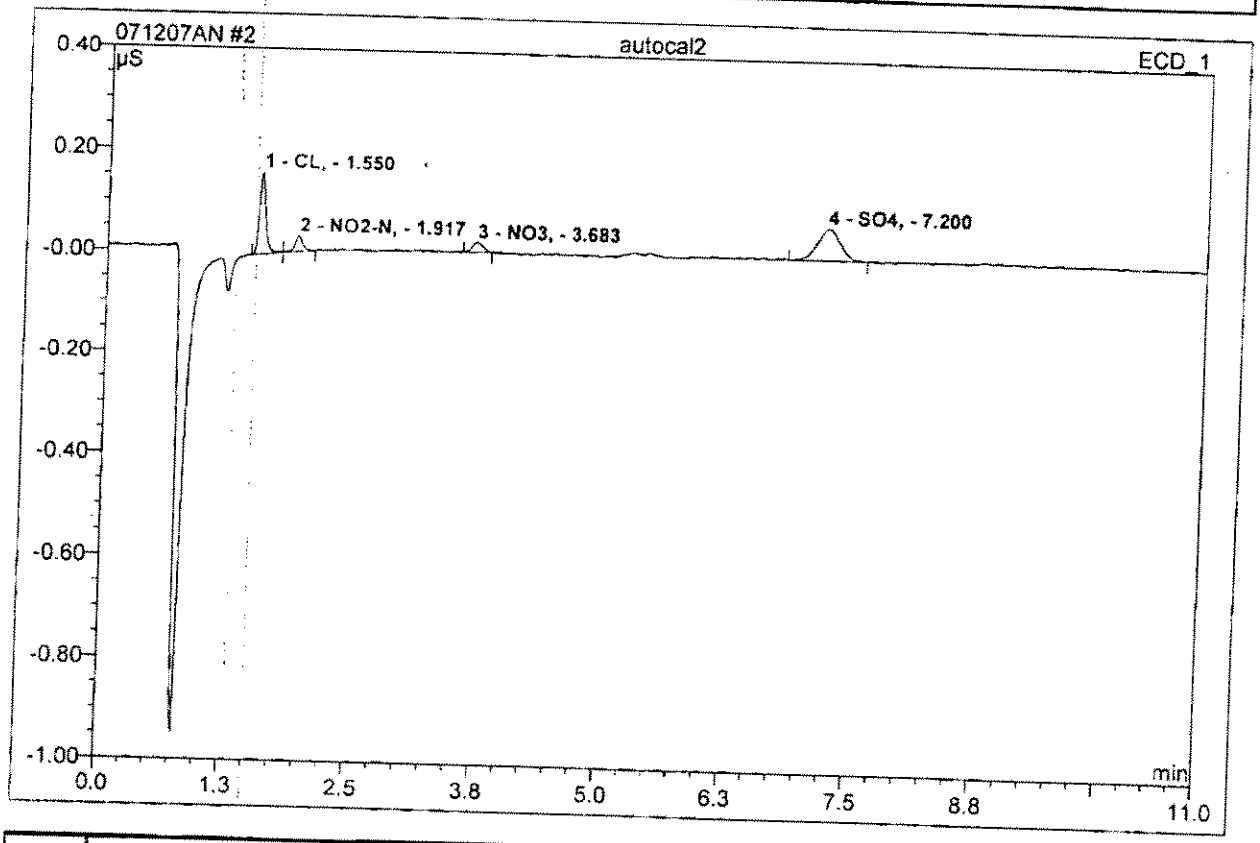


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

2 autocal2

JKZ070709-1

Sample Name:	autocal2	*Injection Volume:*	1000.0
Vial Number:	4	*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:	7/10/2007 14:20	*Sample Weight:*	1.0000
Run Time (min):	11.00	*Sample Amount:*	1.0000

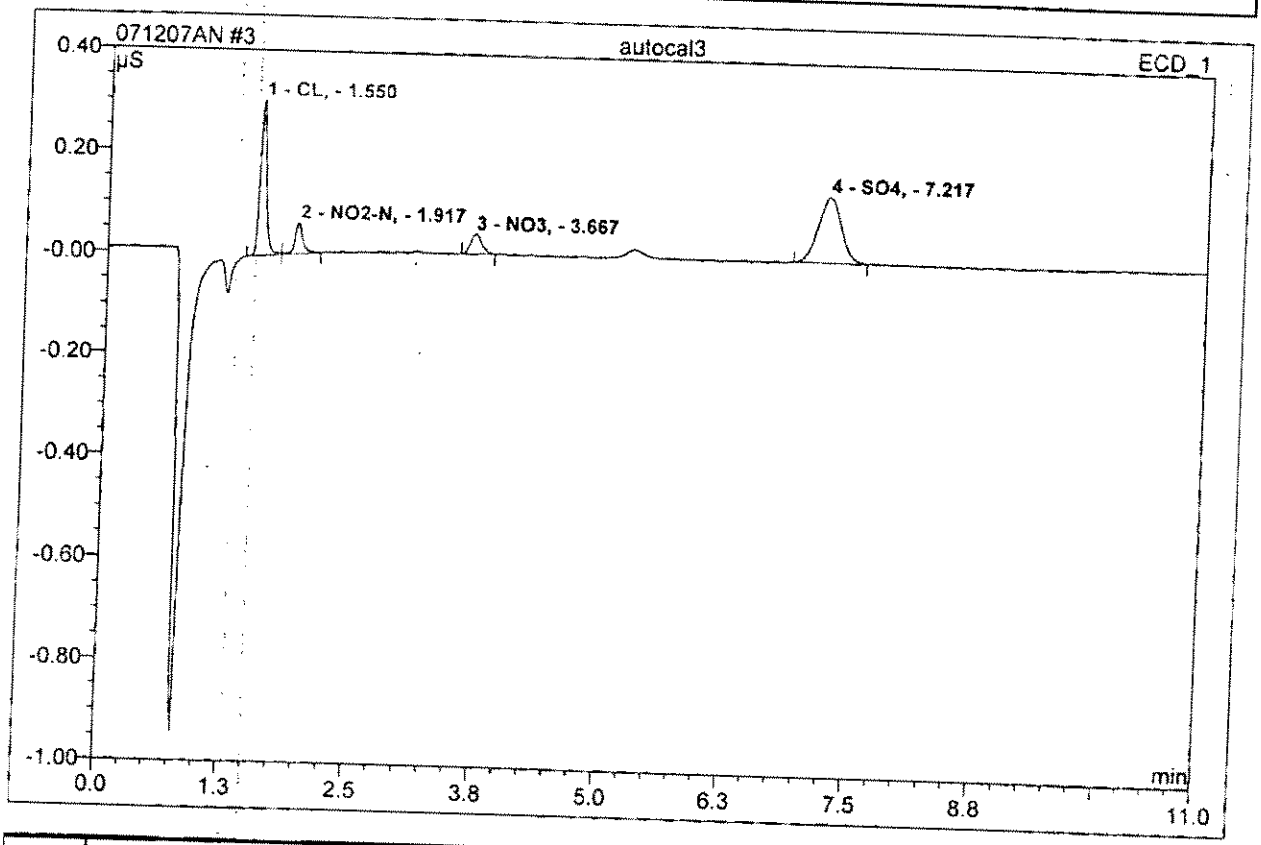


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.55	CL,	0.161	0.012	34.24	0.118	BM
2	1.92	NO2-N,	0.031	0.003	8.01	0.014	MB
3	3.68	NO3,	0.019	0.003	7.43	0.012	BMB
4	7.20	SO4,	0.063	0.017	50.31	0.262	BMB
Total:			0.274	0.034	100.00	0.406	

3 autocal3

JKZ070709-2

Sample Name:	autocal3	*Injection Volume:*	1000.0
Vial Number:	2	*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:	7/10/2007 14:33	*Sample Weight:*	1.0000
Run Time (min):	11.00	*Sample Amount:*	1.0000

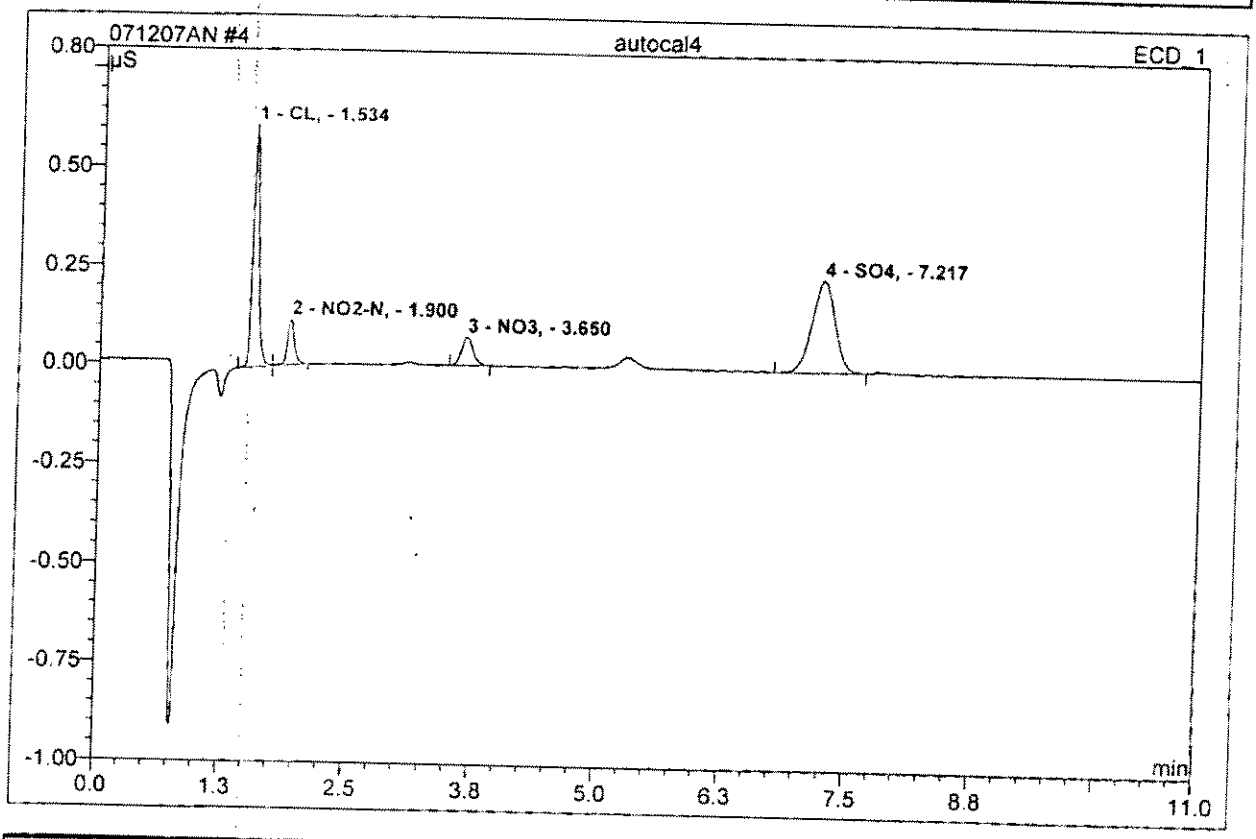


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.55	CL,	0.305	0.022	32.83	0.224	BM
2	1.92	NO2-N,	0.061	0.005	8.16	0.028	MB
3	3.67	NO3,	0.039	0.005	7.65	0.023	BMB
4	7.22	SO4,	0.129	0.034	51.36	0.529	BMB
Total:			0.533	0.067	100.00	0.804	

4 autocal4

JKZ070709-3

Sample Name:	autocal4	*Injection Volume:*	1000.0
Vial Number:	3	*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:	7/10/2007 14:47	*Sample Weight:*	1.0000
Run Time (min):	11.00	*Sample Amount:*	1.0000

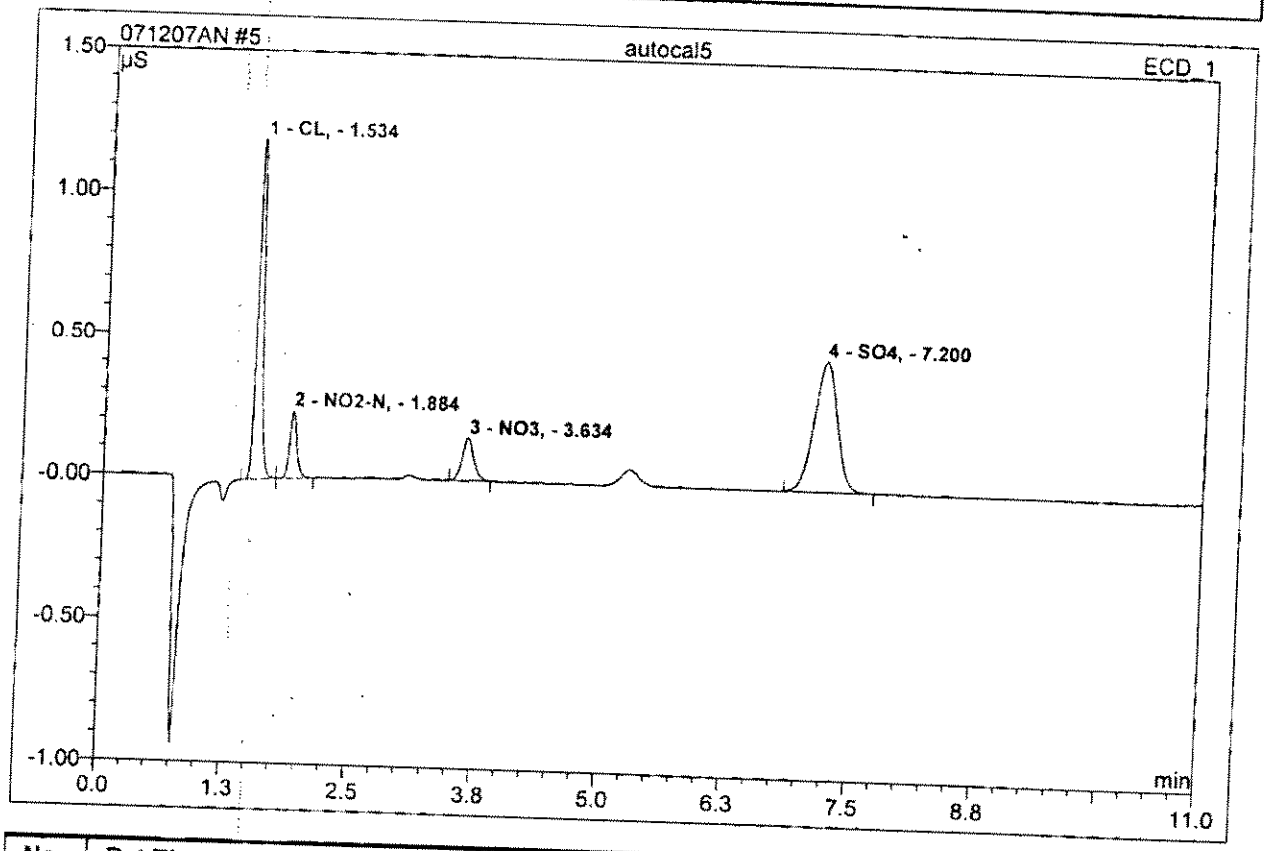


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.53	CL,	0.615	0.042	34.02	0.433	BM
2	1.90	NO2-N,	0.119	0.010	7.80	0.050	MB
3	3.65	NO3,	0.075	0.010	7.94	0.046	BMB
4	7.22	SO4,	0.232	0.063	50.25	0.966	BMB
Total:			1.041	0.124	100.00	1.494	

5 autocal5

JKZ070709-4

Sample Name:	autocal5	*Injection Volume:*	**1000.0**
Vial Number:	4	*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:	7/10/2007 15:01	*Sample Weight:*	**1.0000**
Run Time (min):	11.00	*Sample Amount:*	**1.0000**

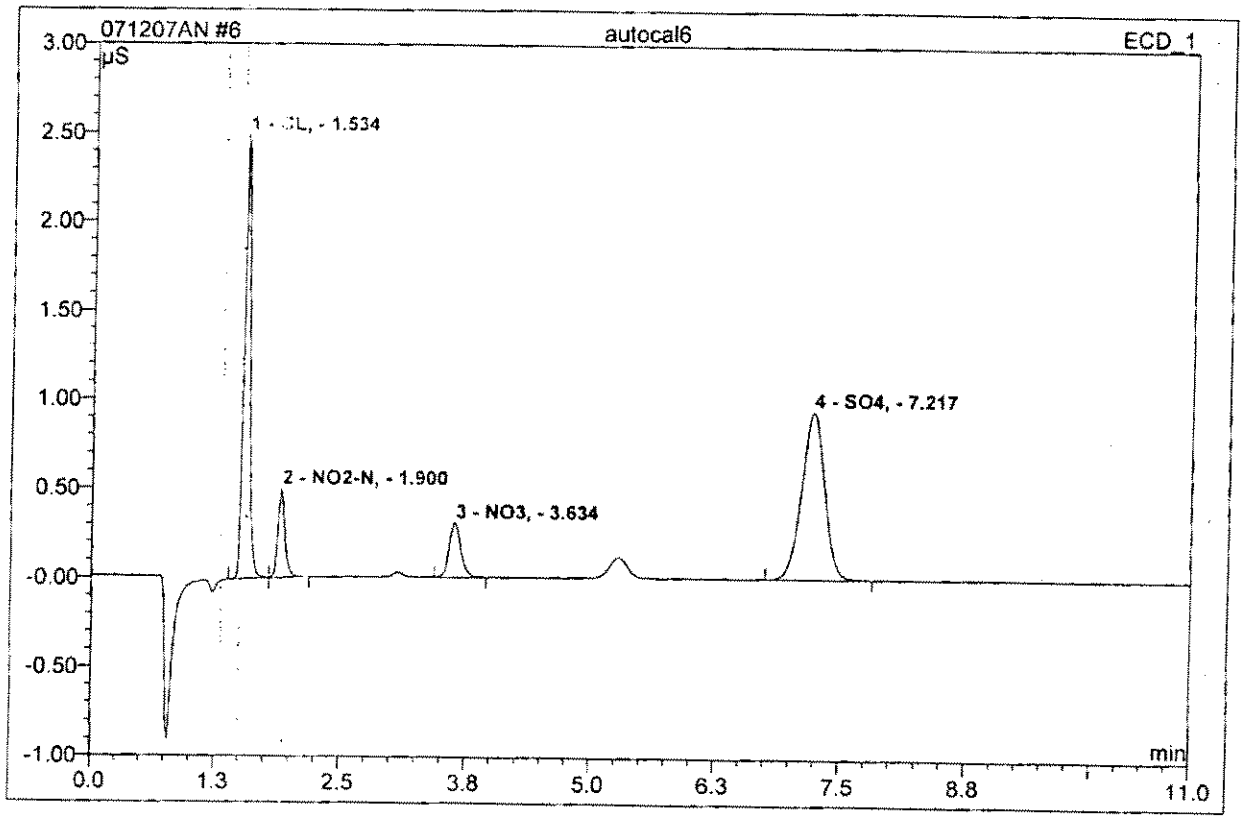


No.	Ret.Time min	Peak.Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.53	CL,	1.196	0.084	33.96	0.861	BM
2	1.88	NO2-N,	0.239	0.019	7.82	0.100	MB
3	3.63	NO3,	0.152	0.020	8.10	0.093	BMB
4	7.20	SO4,	0.465	0.125	50.12	1.919	BMB
Total:			2.052	0.249	100.00	2.973	

6 autocal6

JKZ070709-5

Sample Name:	autocal6	*Injection Volume:*	**1000.0**
Vial Number:	5	*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:	**7/10/2007 15:14**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**

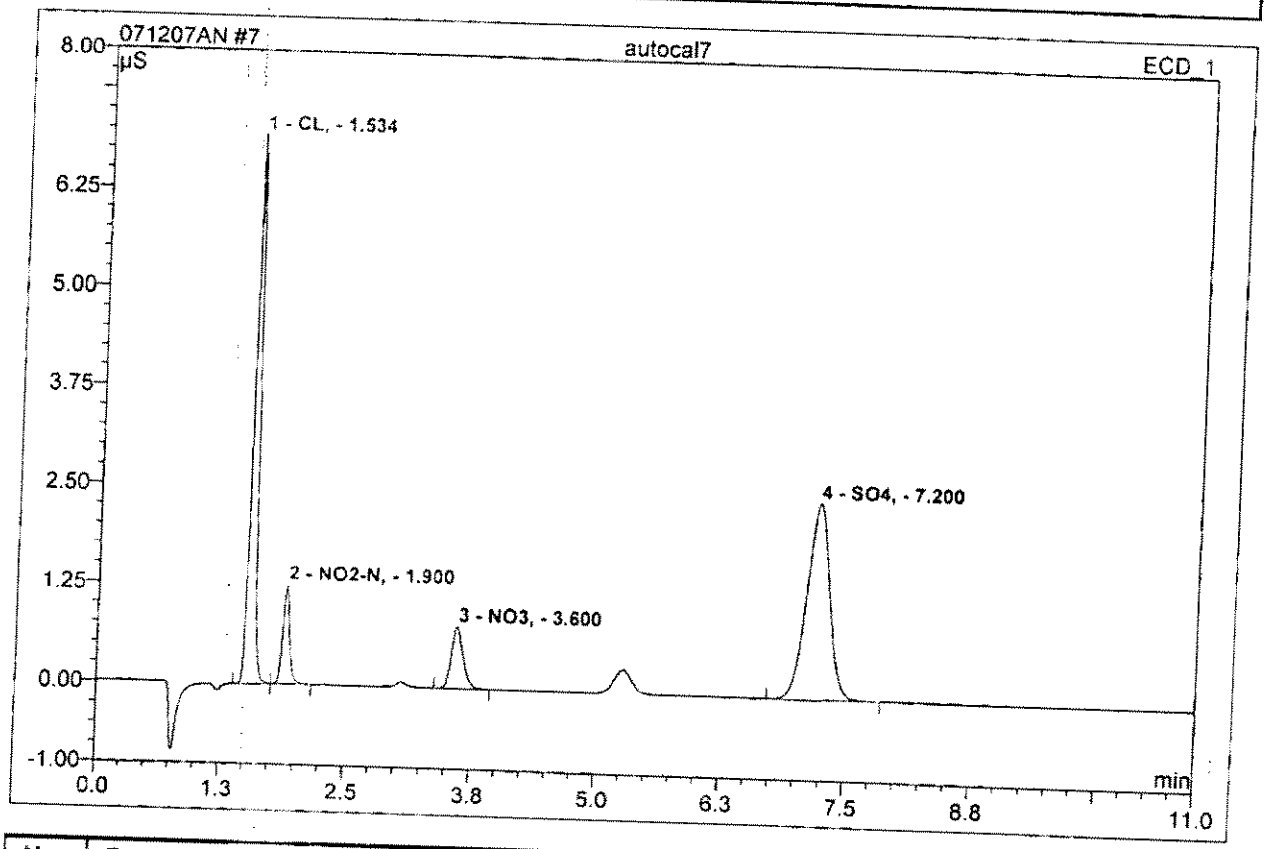


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.53	CL,	2.493	0.172	34.17	1.747	BM
2	1.90	NO2-N,	0.497	0.039	7.82	0.203	MB
3	3.63	NO3,	0.304	0.041	8.08	0.187	BMB
4	7.22	SO4,	0.941	0.252	49.94	3.859	BMB
Total:			4.235	0.504	100.00	5.997	

7 autocal7

JKZ070709-6

Sample Name:	autocal7	*Injection Volume:*	1000.0
Vial Number:	6	*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:	7/10/2007 15:28	*Sample Weight:*	1.0000
Run Time (min):	11.00	*Sample Amount:*	1.0000

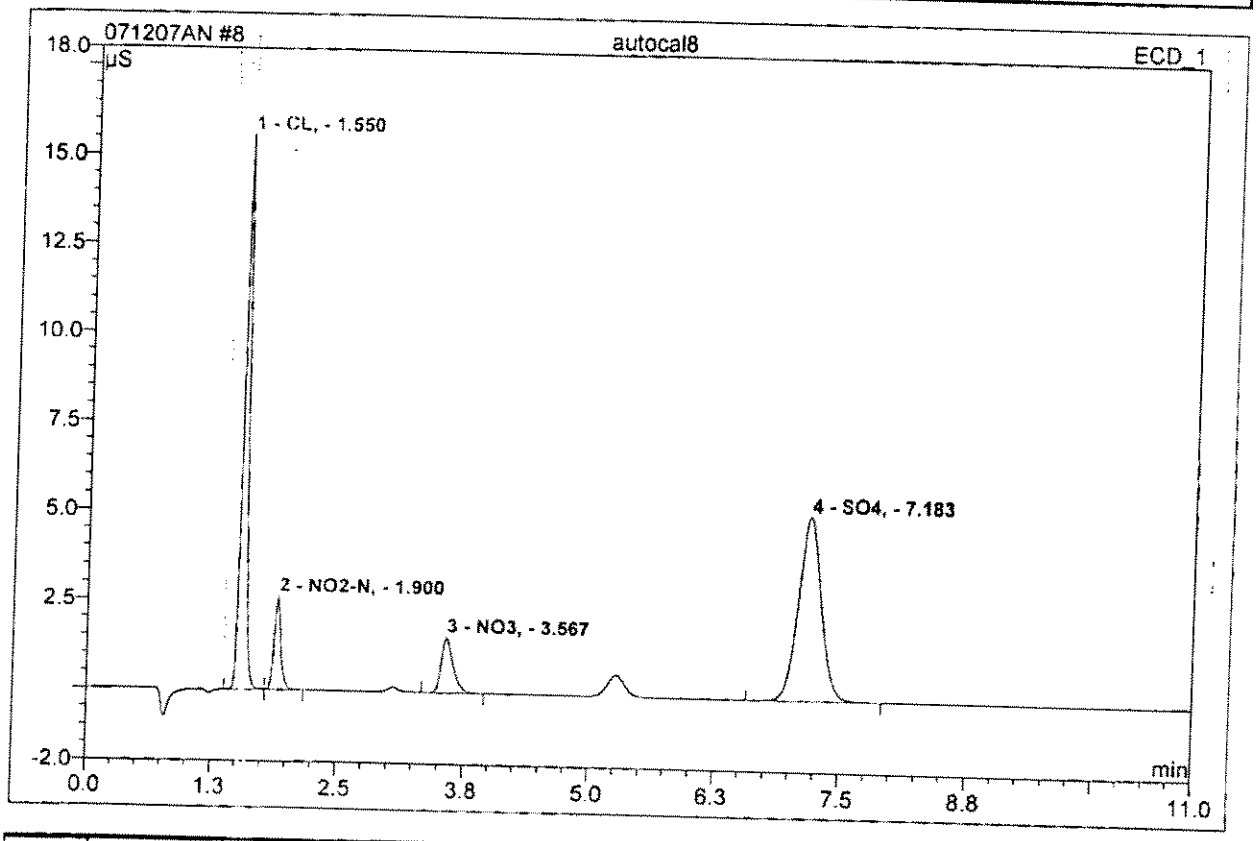


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.53	Cl,	6.943	0.465	35.13	4.642	BM
2	1.90	NO2-N,	1.259	0.097	7.35	0.497	MB
3	3.60	NO3,	0.781	0.105	7.92	0.481	BMB
4	7.20	SO4,	2.480	0.657	49.60	9.930	BMB
Total:			11.463	1.325	100.00	15.551	

8 autocal8

JKZ070709-7

Sample Name:	autocal8	*Injection Volume:*	1000.0
Vial Number:	7	*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:	7/10/2007 15:42	*Sample Weight:*	1.0000
Run Time (min):	11.00	*Sample Amount:*	1.0000

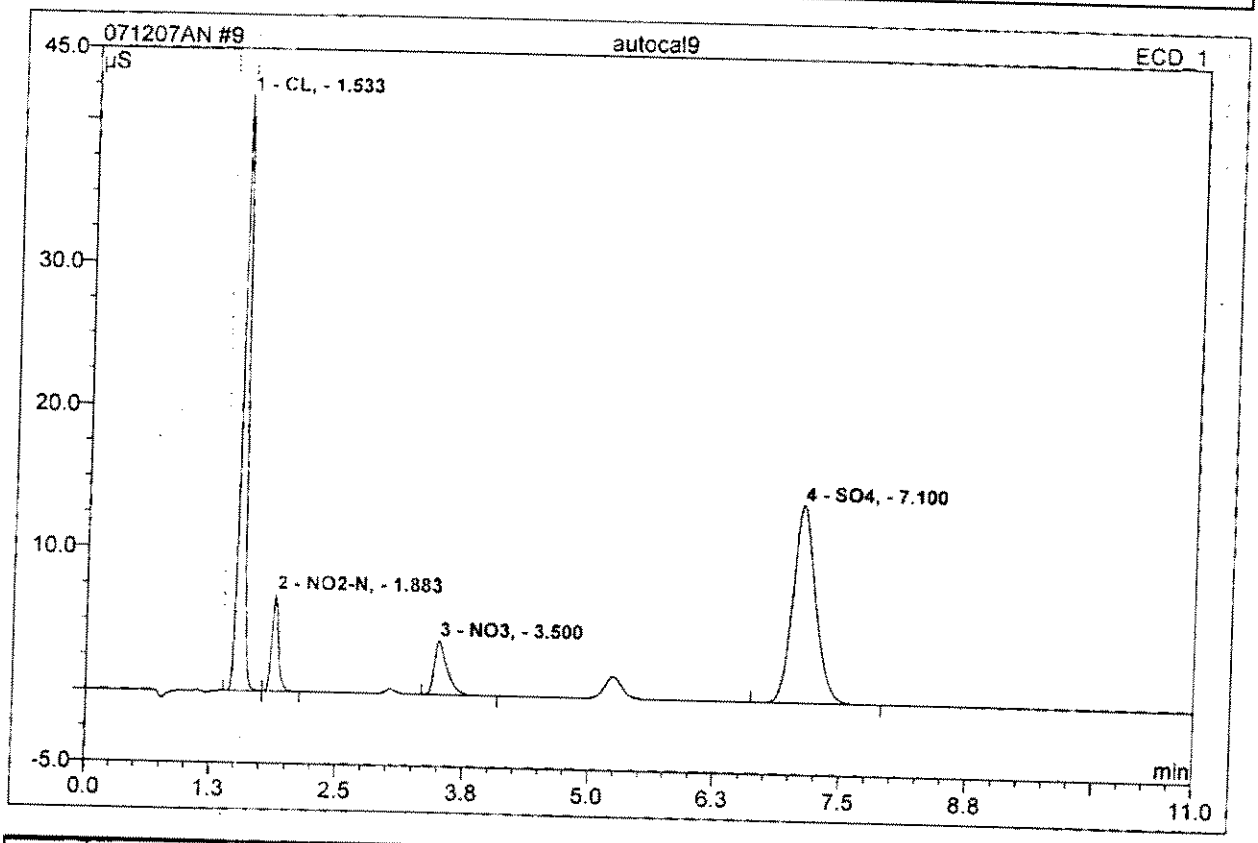


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.55	CL,	15.585	1.001	36.18	9.709	BM
2	1.90	NO2-N,	2.620	0.201	7.27	1.014	MB
3	3.57	NO3,	1.551	0.212	7.67	0.968	BMB
4	7.18	SO4,	5.149	1.353	48.88	19.963	BMB
Total:			24.904	2.767	100.00	31.654	

9 autocal9

JKZ070709-8

Sample Name:	autocal9	*Injection Volume:*	1000.0
Vial Number:	8	*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:	7/10/2007 15:55	*Sample Weight:*	1.0000
Run Time (min):	11.00	*Sample Amount:*	1.0000

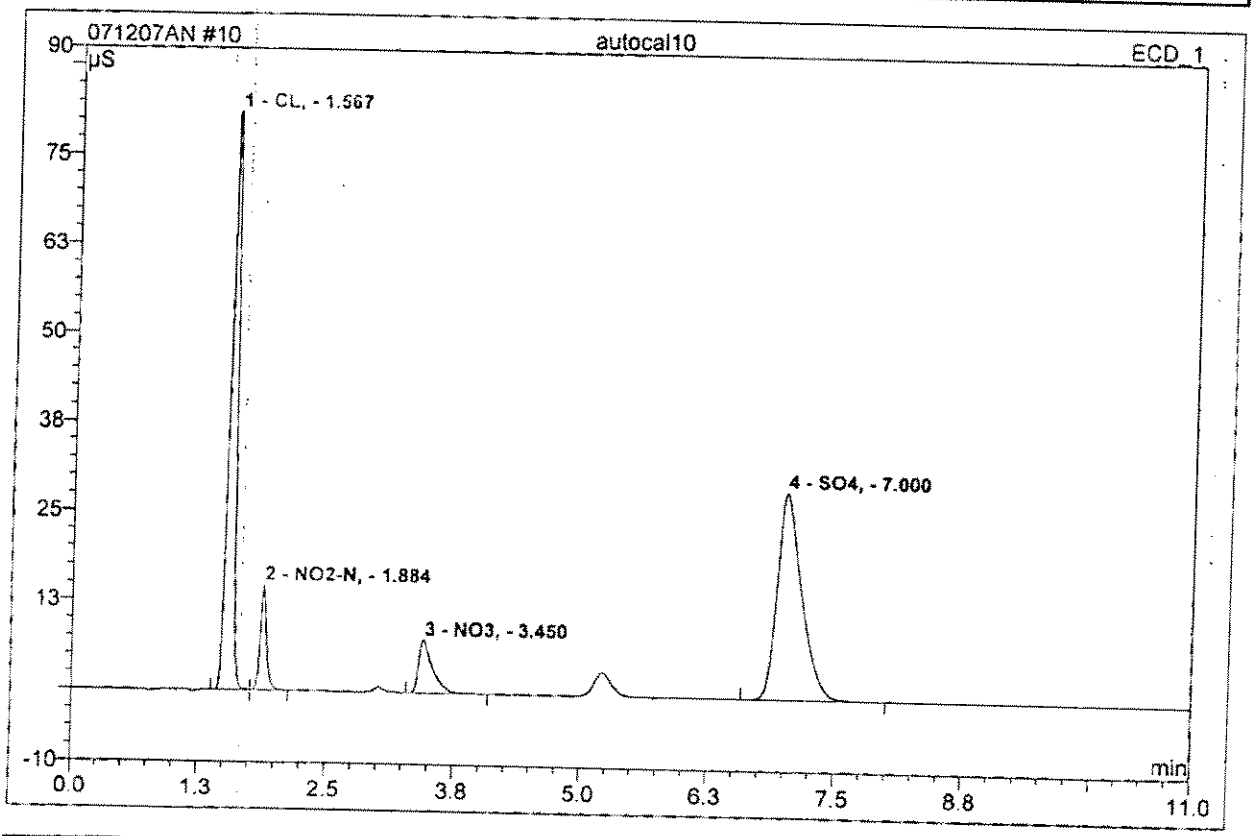


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.53	CL,	41.762	2.833	37.67	25.308	BM
2	1.88	NO2-N,	6.815	0.513	6.82	2.489	MB
3	3.50	NO3,	3.777	0.546	7.26	2.450	BMB
4	7.10	SO4,	13.846	3.629	48.26	50.065	BMB
Total:			66.201	7.521	100.00	80.312	

10 autocal10

JKZ070709-9

Sample Name:	autocal10	*Injection Volume:*	**1000.0**
Vial Number:	9	*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:	7/10/2007 16:09	*Sample Weight:*	**1.0000**
Run Time (min):	11.00	*Sample Amount:*	**1.0000**

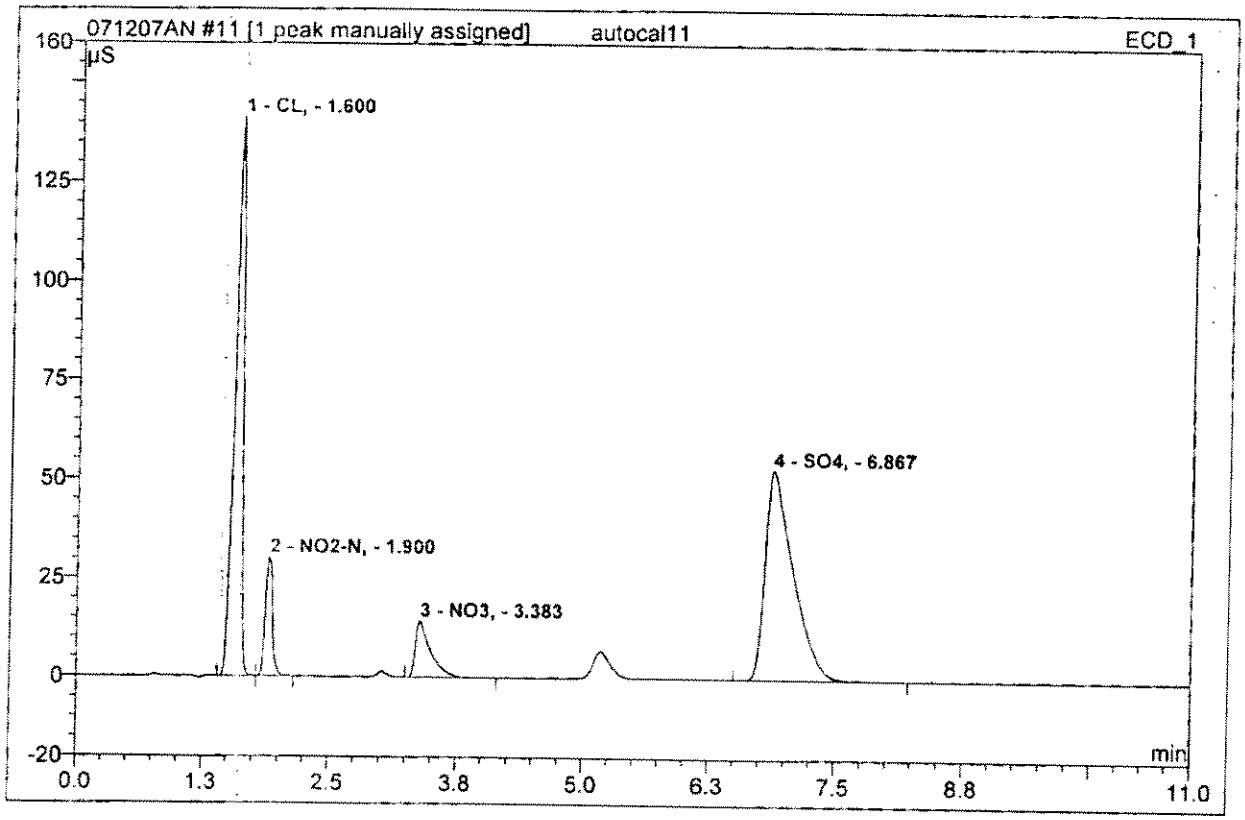


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.57	CL,	81.078	6.289	37.95	49.948	BM
2	1.88	NO2-N,	14.743	1.095	6.61	5.004	MB
3	3.45	NO3,	7.337	1.156	6.97	5.050	BMB
4	7.00	SO4,	28.954	8.033	48.47	99.988	BMB
Total:			132.112	16.573	100.00	159.990	

11 autocal11

JKZ070709-10

Sample Name:	autocal11	*Injection Volume:*	**1000.0**
Vial Number:	10	*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:	7/10/2007 16:23	*Sample Weight:*	**1.0000**
Run Time (min):	11.00	*Sample Amount:*	**1.0000**

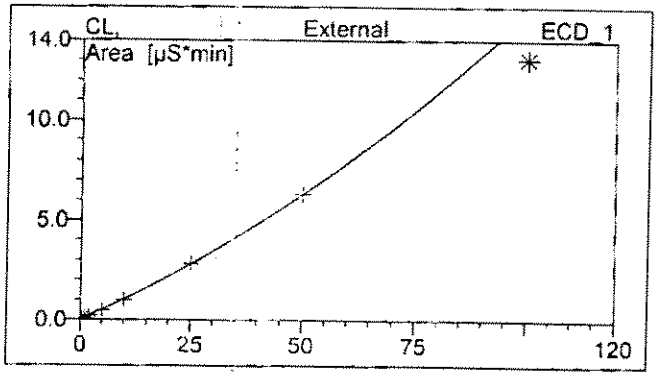


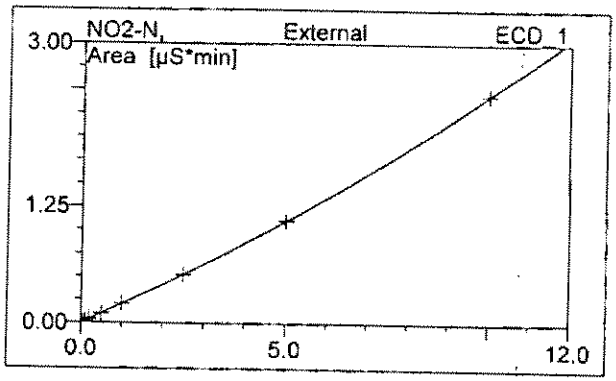
No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	141.088	13.052	37.39	88.379	BM
2	1.90	NO2-N,	30.049	2.446	7.01	10.000	MB
3	3.38	NO3,	14.188	2.402	6.88	9.992	BMB
4	6.87	SO4,	52.951	17.010	48.73	182.342	BMB^
Total:			238.277	34.910	100.00	290.713	

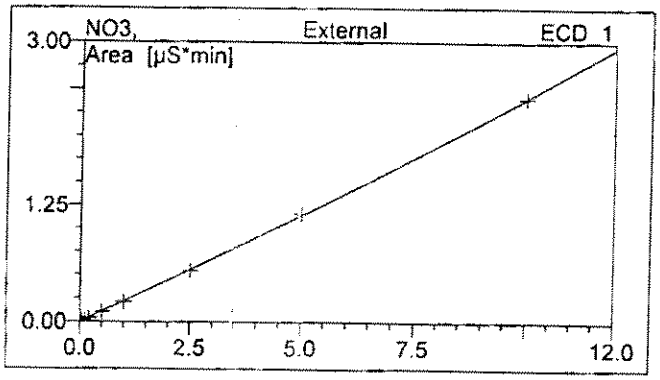
11 autocal11

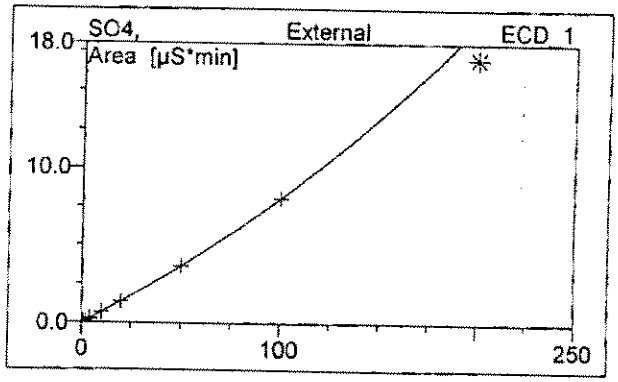
JKZ070709-10

Sample Name:	autocal11	*Injection Volume:*	1000.0
Vial Number:	10	*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:	7/10/2007 16:23	*Sample Weight:*	1.0000
Run Time (min):	11.00	*Sample Amount:*	1.0000





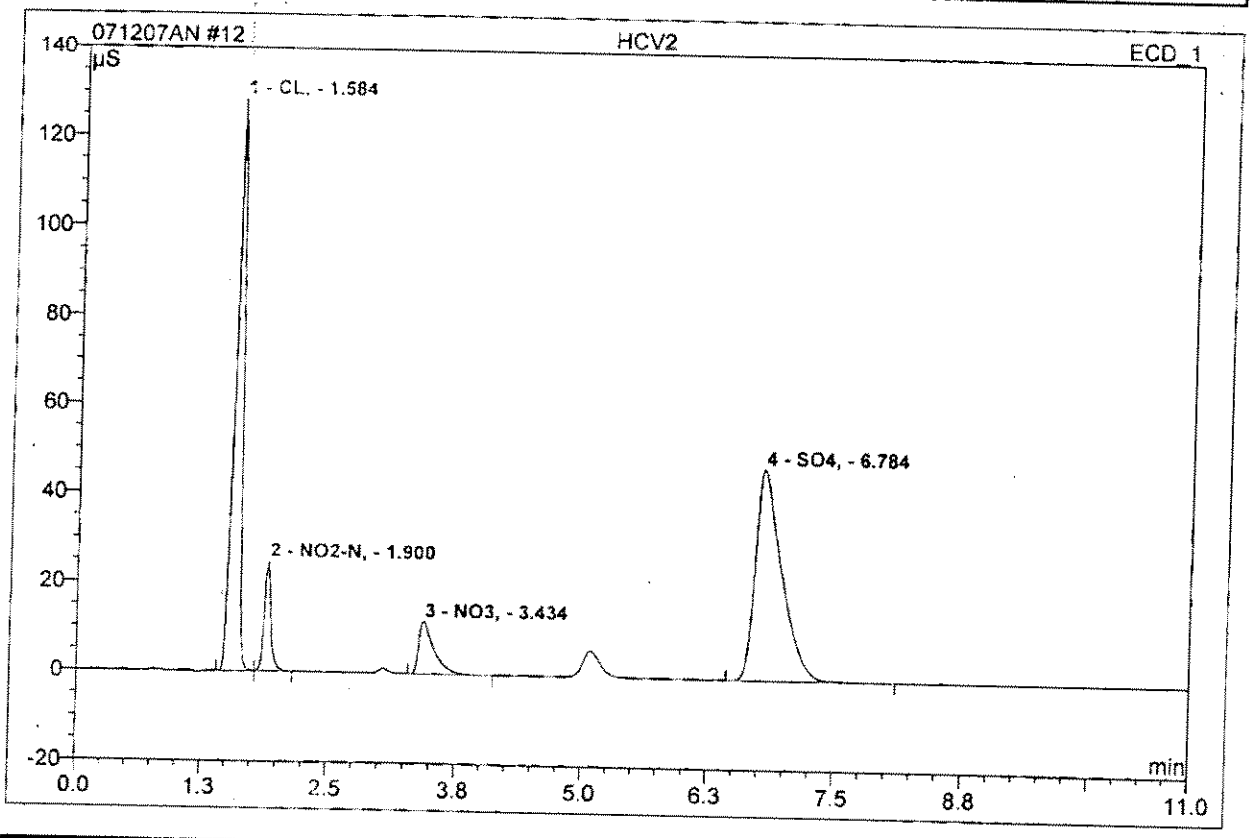




No.	Ret.Time min	Peak Name	Cal.Type	Points	Corr.Coeff. %	Offset	Slope	Curve
1	1.60	Cl,	Quad	7	99.8603	0.0000	0.0976	0.0006
2	1.90	NO2-N,	Quad	10	99.8403	0.0000	0.1932	0.0051
3	3.38	NO3,	Quad	10	99.9673	0.0000	0.2169	0.0023
4	6.87	SO4,	Quad	9	99.8764	0.0000	0.0646	0.0002
Average:					99.8860	0.0000	0.1431	0.0021

12 HCV2

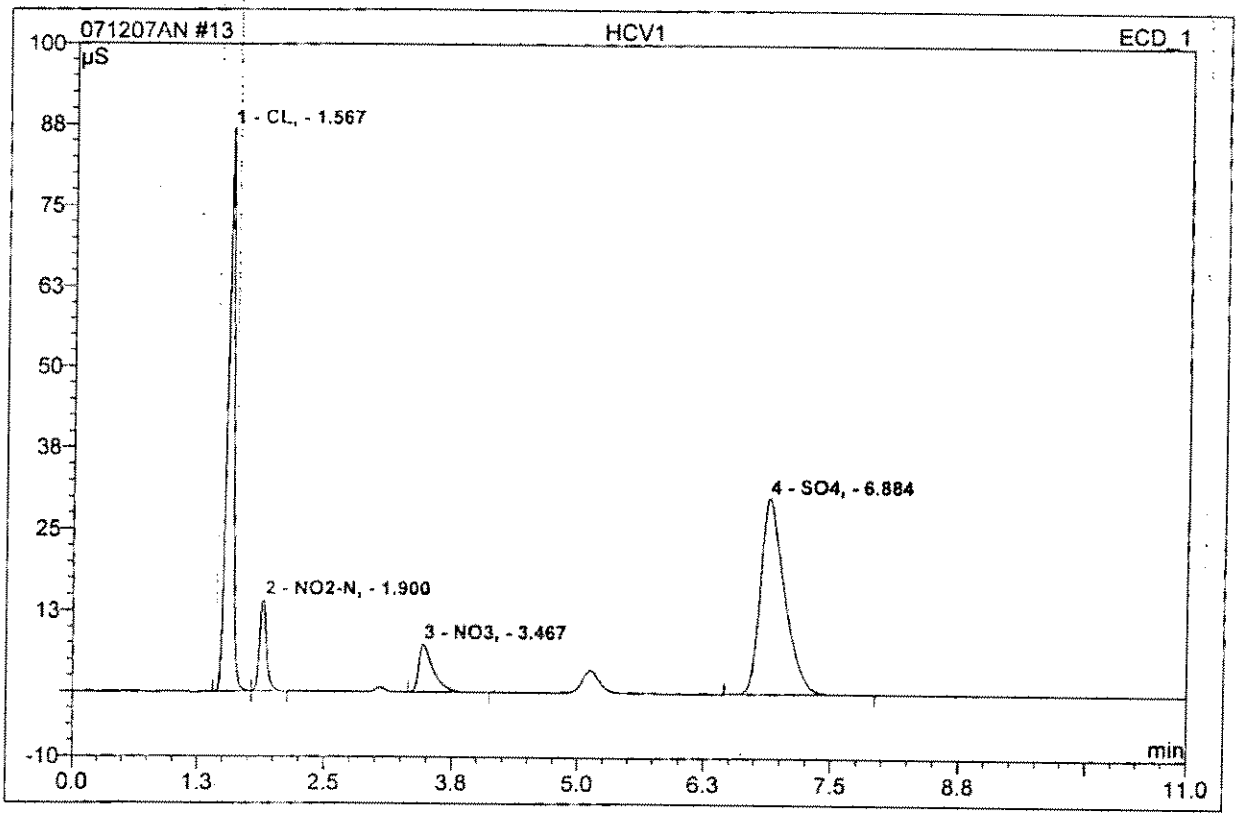
Sample Name:	HCV2	*Injection Volume:*	**1000.0**
Vial Number:	105	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/12/2007 9:25**	*Sample Weight:*	**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	1.58	CL,	128.355	11.068	37.73	78.038	BM
2	1.90	NO2-N,	24.621	1.891	6.45	8.062	MB
3	3.43	NO3,	11.762	2.018	6.88	8.516	BMB
4	6.78	SO4,	47.417	14.359	48.95	159.960	BMB
Total:			212.155	29.336	100.00	254.575	

13 HCV1

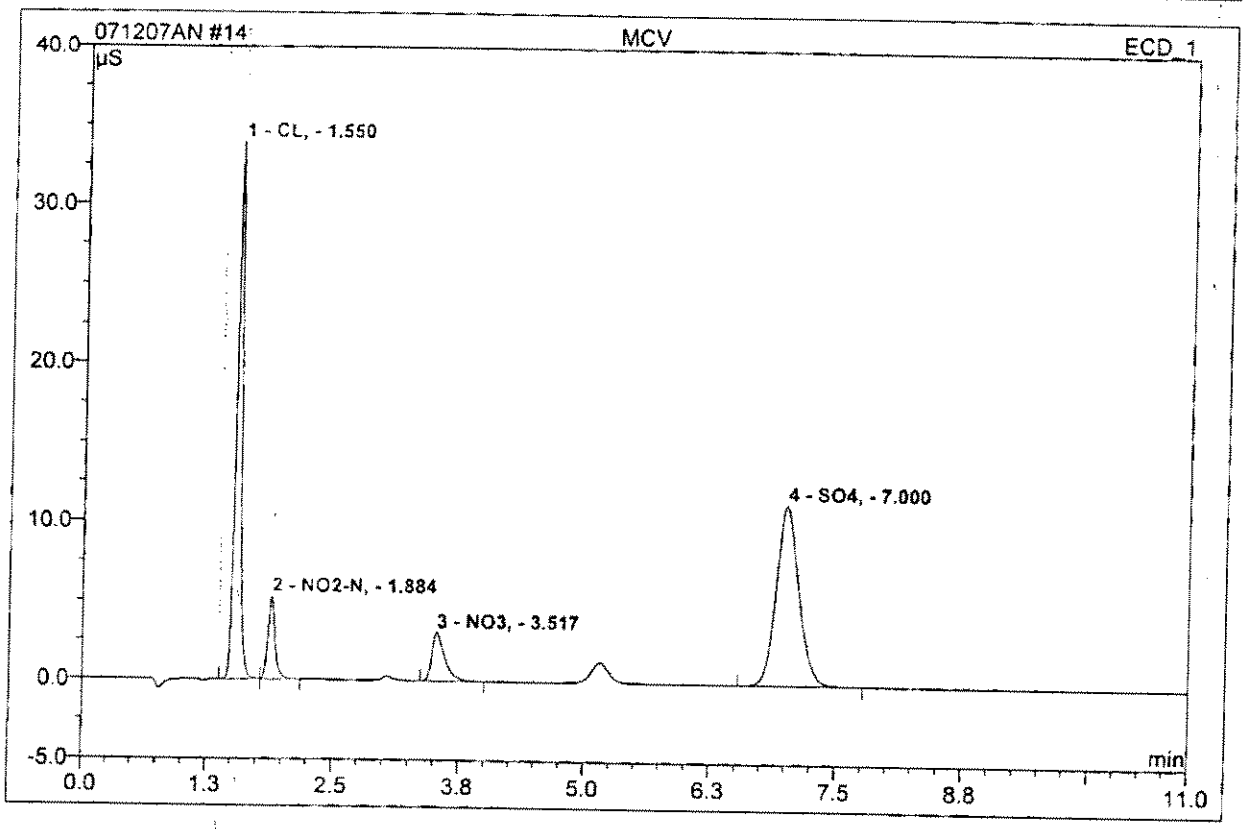
Sample Name:	HCV1	*Injection Volume:*	**1000.0**
Vial Number:	**105**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/12/2007 9:39**	*Sample 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,	86.835	6.495	37.86	51.275	BM
2	1.90	NO2-N,	14.182	1.123	6.55	5.117	MB
3	3.47	NO3,	7.485	1.195	6.96	5.213	BMB
4	6.88	SO4,	30.205	8.342	48.63	103.186	BMB
Total:			138.707	17.155	100.00	164.792	

14 MCV

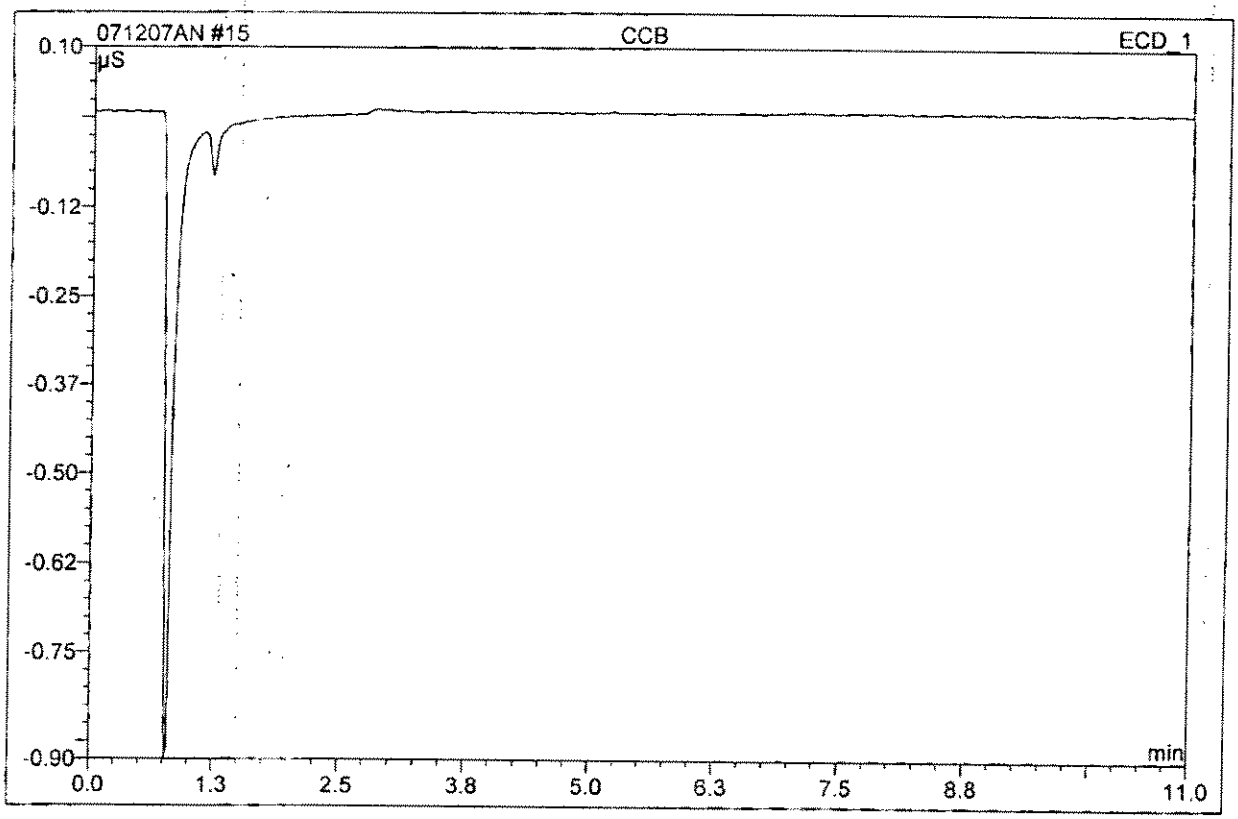
Sample Name:	MCV	*Injection Volume:*	**1000.0**
Vial Number:	105	*Channel:*	**ECD_1**
Sample Type:	unknown	*Wavelength:*	**n.a.**
Control Program:	IC#3-ANION TTL2	*Bandwidth:*	**n.a.**
Quantif. Method:	ANION-IC#3	*Dilution Factor:*	**1.0000**
Recording Time:	7/12/2007 9:52	*Sample Weight:*	**1.0000**
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,	33.936	2.294	37.39	20.955	BM
2	1.88	NO2-N,	5.240	0.426	6.94	2.087	MB
3	3.52	NO3,	3.072	0.451	7.35	2.034	BMB
4	7.00	SO4,	11.389	2.964	48.32	41.652	BMB
Total:			53.638	6.135	100.00	66.728	

15 CCB

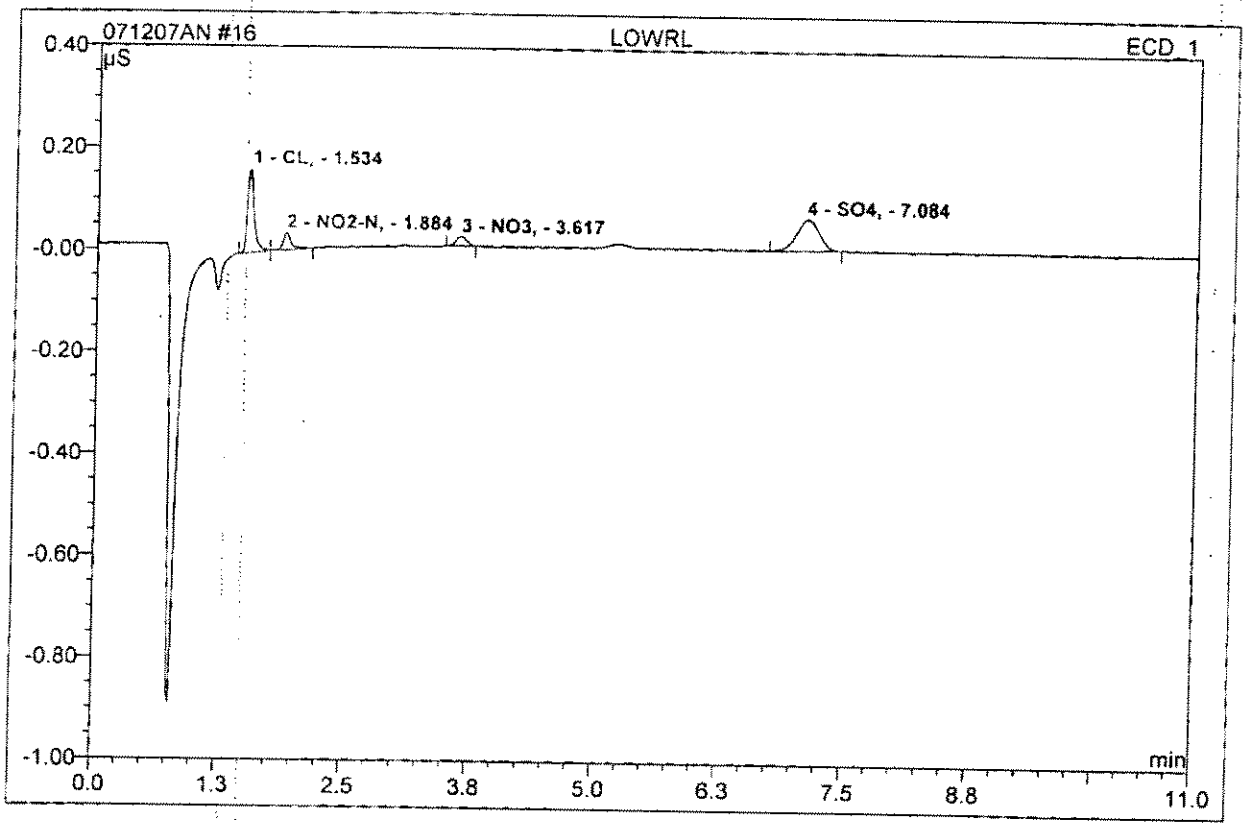
Sample Name:	CCB	*Injection Volume:*	**1000.0**
Vial Number:	**105**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/12/2007 10:06**	*Sample 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
Total:			0.000	0.000	0.00	0.000	

16 LOWRL

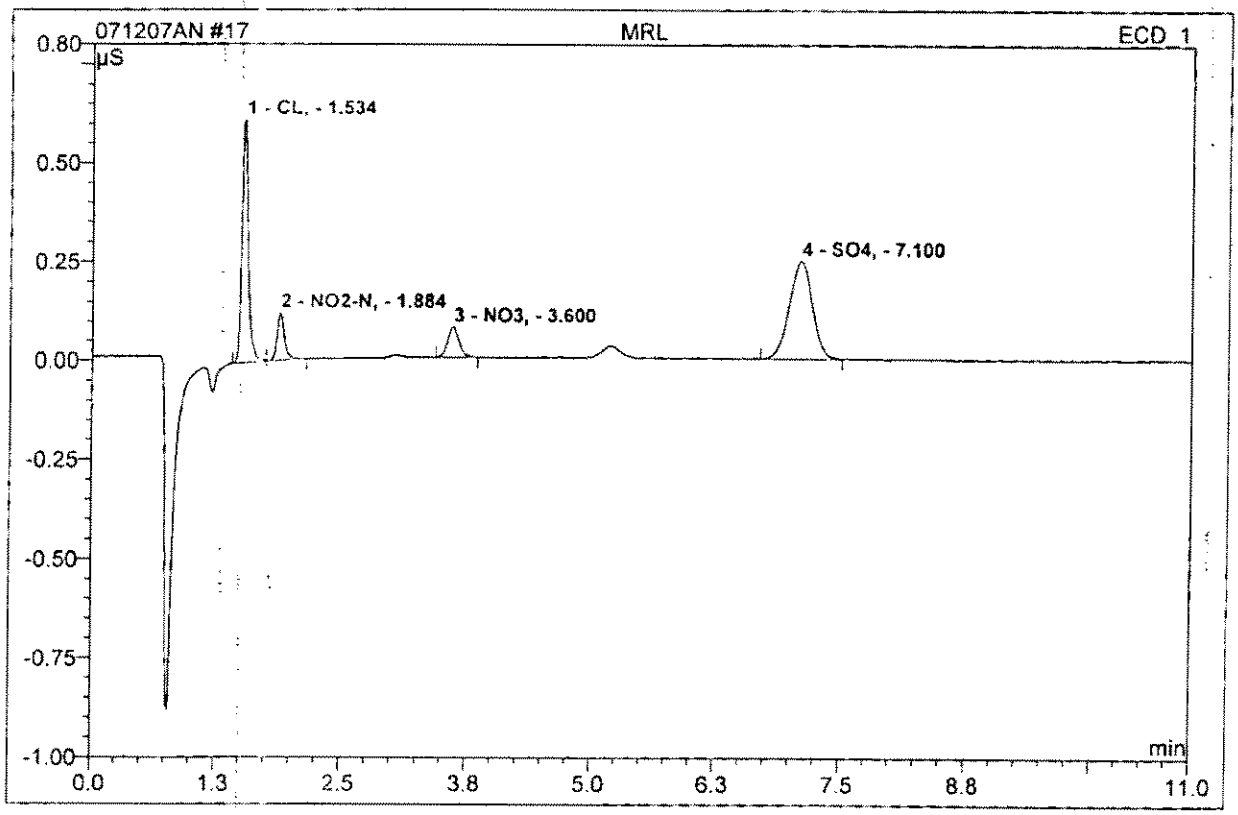
Sample Name:	LOWRL	*Injection Volume:*	**1000.0**
Vial Number:	105	*Channel:*	**ECD_1**
Sample Type:	unknown	*Wavelength:*	**n.a.**
Control Program:	IC#3-ANION TTL2	*Bandwidth:*	**n.a.**
Quantif. Method:	ANION-IC#3	*Dilution Factor:*	**1.0000**
Recording Time:	7/12/2007 10:19	*Sample Weight:*	**1.0000**
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,	0.165	0.012	35.49	0.126	BM
2	1.88	NO2-N,	0.034	0.003	9.53	0.017	MB
3	3.62	NO3,	0.019	0.002	6.91	0.011	BMB
4	7.08	SO4,	0.062	0.017	48.07	0.257	BMB
Total:			0.280	0.035	100.00	0.411	

17 MRL

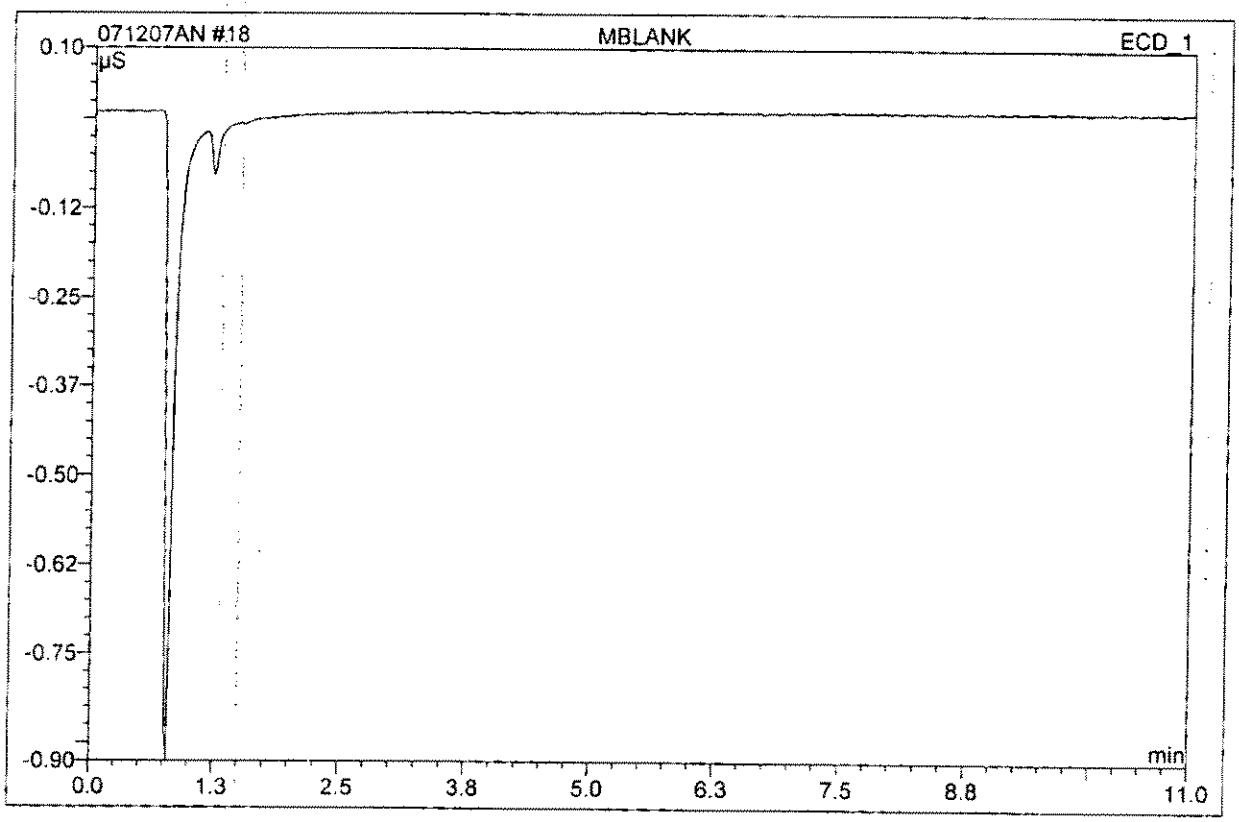
Sample Name:	MRL	*Injection Volume:*	**1000.0**
Vial Number:	106	*Channel:*	**ECD_1**
Sample Type:	unknown	*Wavelength:*	**n.a.**
Control Program:	IC#3-ANION TTL2	*Bandwidth:*	**n.a.**
Quantif. Method:	ANION-IC#3	*Dilution Factor:*	**1.0000**
Recording Time:	7/12/2007 10:33	*Sample Weight:*	**1.0000**
Run Time (min):	11.00	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.53	CL,	0.617	0.045	33.88	0.458	BM
2	1.88	NO2-N,	0.124	0.010	7.92	0.054	MB
3	3.60	NO3,	0.081	0.011	8.14	0.050	BMB
4	7.10	SO4,	0.247	0.066	50.07	1.023	BMB
Total:			1.069	0.132	100.00	1.584	

18 MBLANK

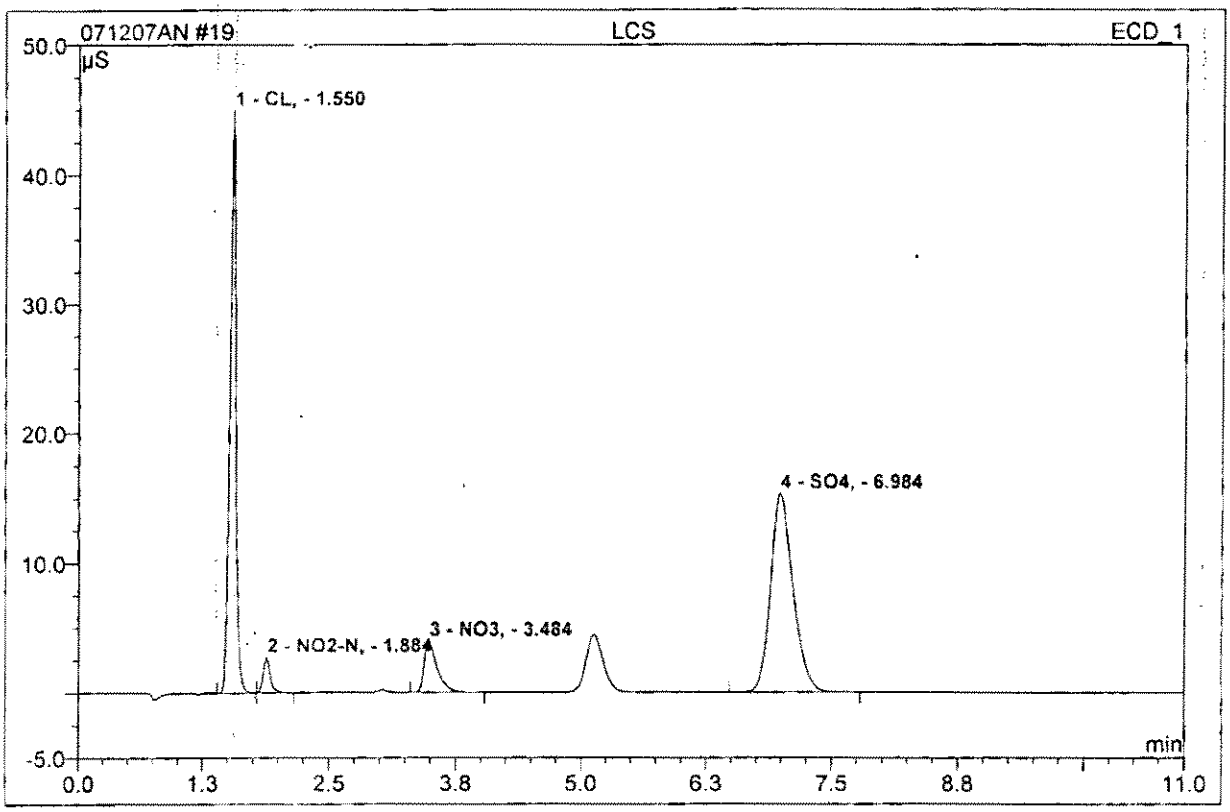
Sample Name:	**MBLANK**	*Injection Volume:*	**1000.0**
Vial Number:	**108**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/12/2007 10:47**	*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
Total:			0.000	0.000	0.00	0.000	

19 LCS

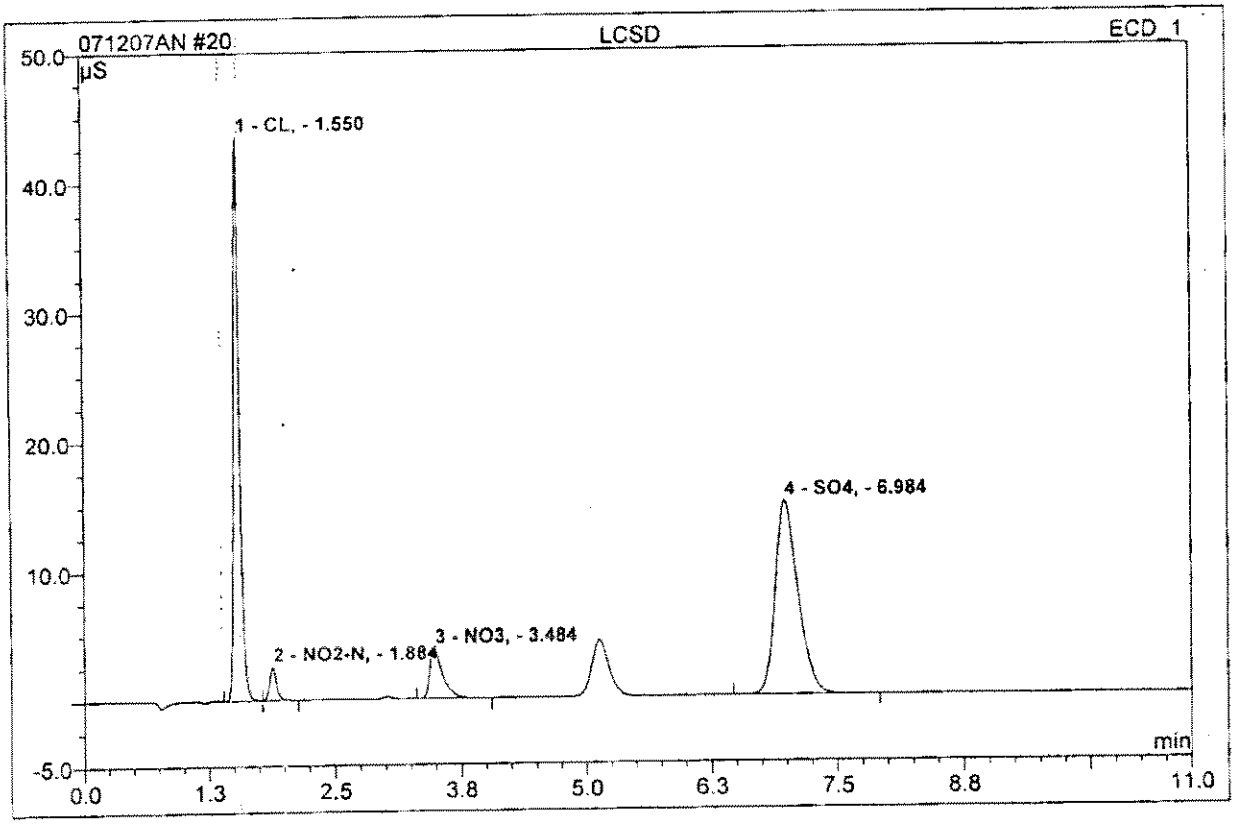
Sample Name:	LCS	*Injection Volume:*	**1000.0**
Vial Number:	**109**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/12/2007 11:00**	*Sample 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,	44.996	3.084	39.08	27.276	BM
2	1.88	NO2-N,	2.746	0.216	2.74	1.087	MB
3	3.48	NO3,	4.009	0.588	7.45	2.635	BMB
4	6.98	SO4,	15.336	4.004	50.74	54.692	BMB
Total:			67.087	7.893	100.00	85.690	

20 LCSD

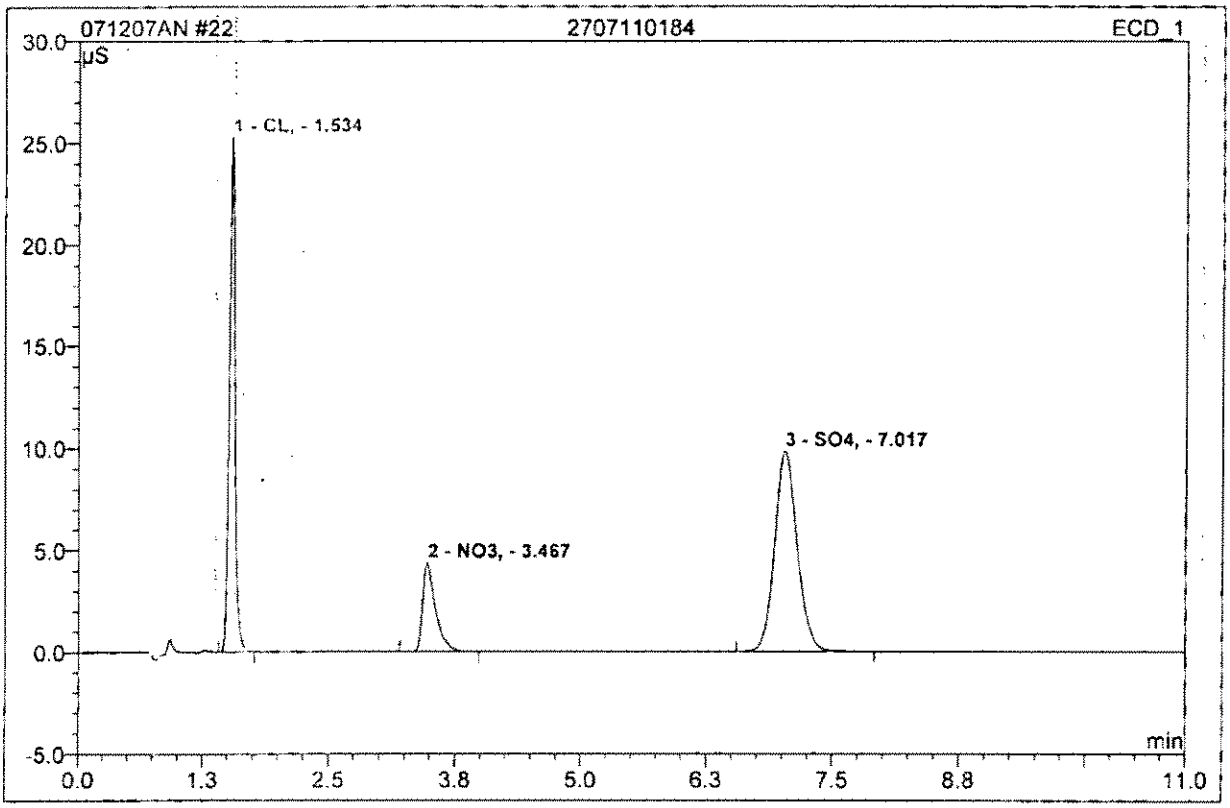
Sample Name:	LCSD	*Injection Volume:*	**1000.0**
Vial Number:	**111**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/12/2007 11:14**	*Sample 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,	43.573	3.025	39.13	26.815	BM
2	1.88	NO2-N,	2.669	0.210	2.72	1.058	MB
3	3.48	NO3,	3.929	0.577	7.47	2.589	BMB
4	6.98	SO4,	15.014	3.919	50.69	53.640	BMB
Total:			65.185	7.731	100.00	84.102	

22 2707110184

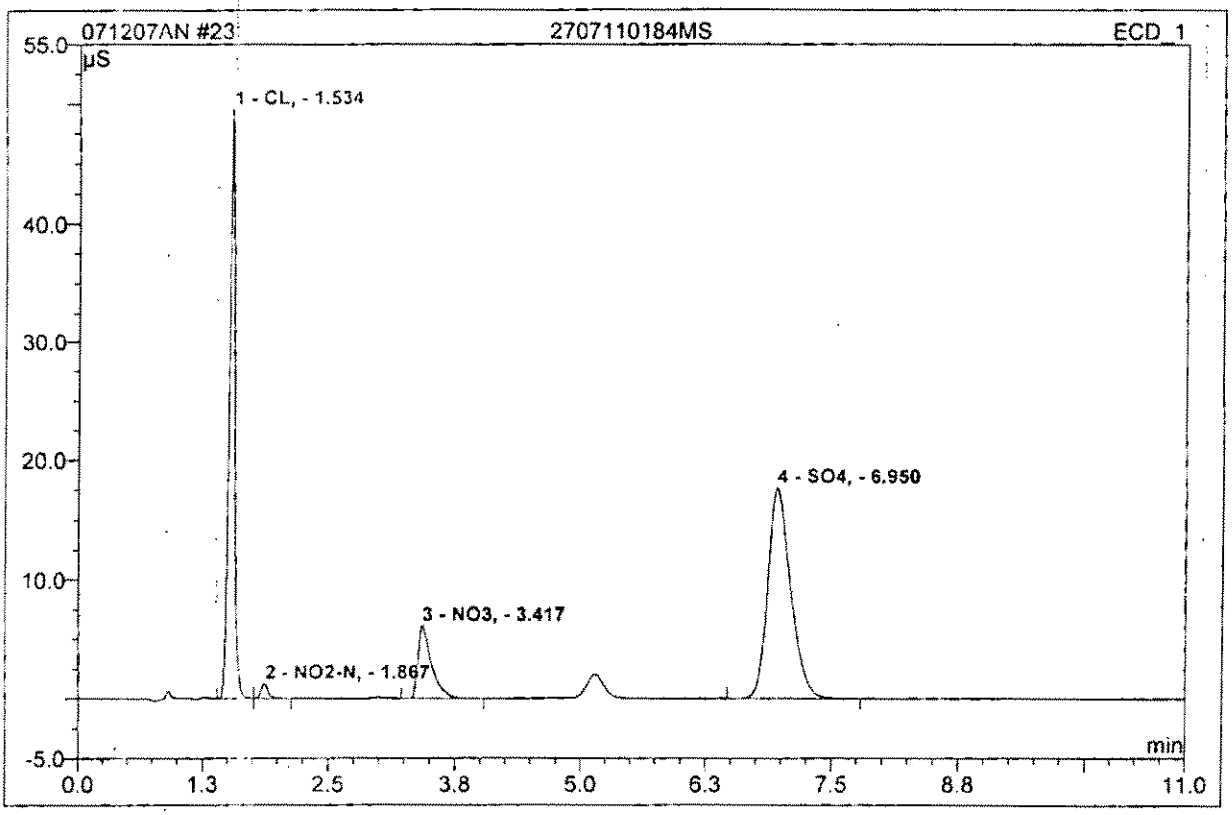
Sample Name:	2707110184	*Injection Volume:*	**1000.0**
Vial Number:	**107**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**2.0000**
Recording Time:	**7/12/2007 11:41**	*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,	25.286	1.670	34.16	31.368	BMB
2	3.47	NO3,	4.398	0.645	13.18	5.763	BMB
3	7.02	SO4,	9.875	2.575	52.66	73.193	BMB
Total:			39.559	4.890	100.00	110.324	

23 2707110184MS

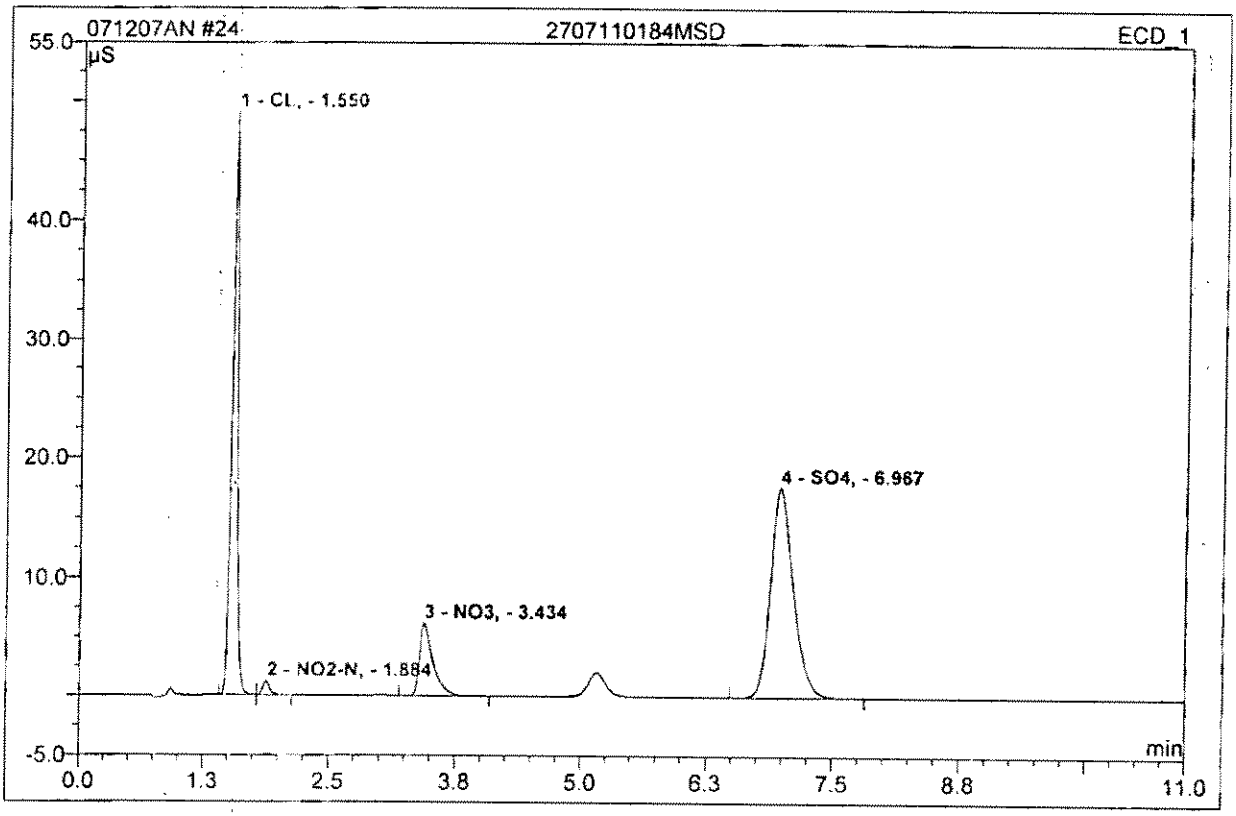
Sample Name:	2707110184MS	*Injection Volume:*	**1000.0**
Vial Number:	**106**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	IC#3-ANION TTL2	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**2.0000**
Recording Time:	**7/12/2007 11:55**	*Sample 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,	49.530	3.297	36.70	57.843	BM
2	1.87	NO2-N,	1.261	0.099	1.10	1.013	MB
3	3.42	NO3,	6.133	0.944	10.51	8.326	BMB
4	6.95	SO4,	17.665	4.643	51.69	124.776	BMB
Total:			74.589	8.984	100.00	191.959	

24 2707110184MSD

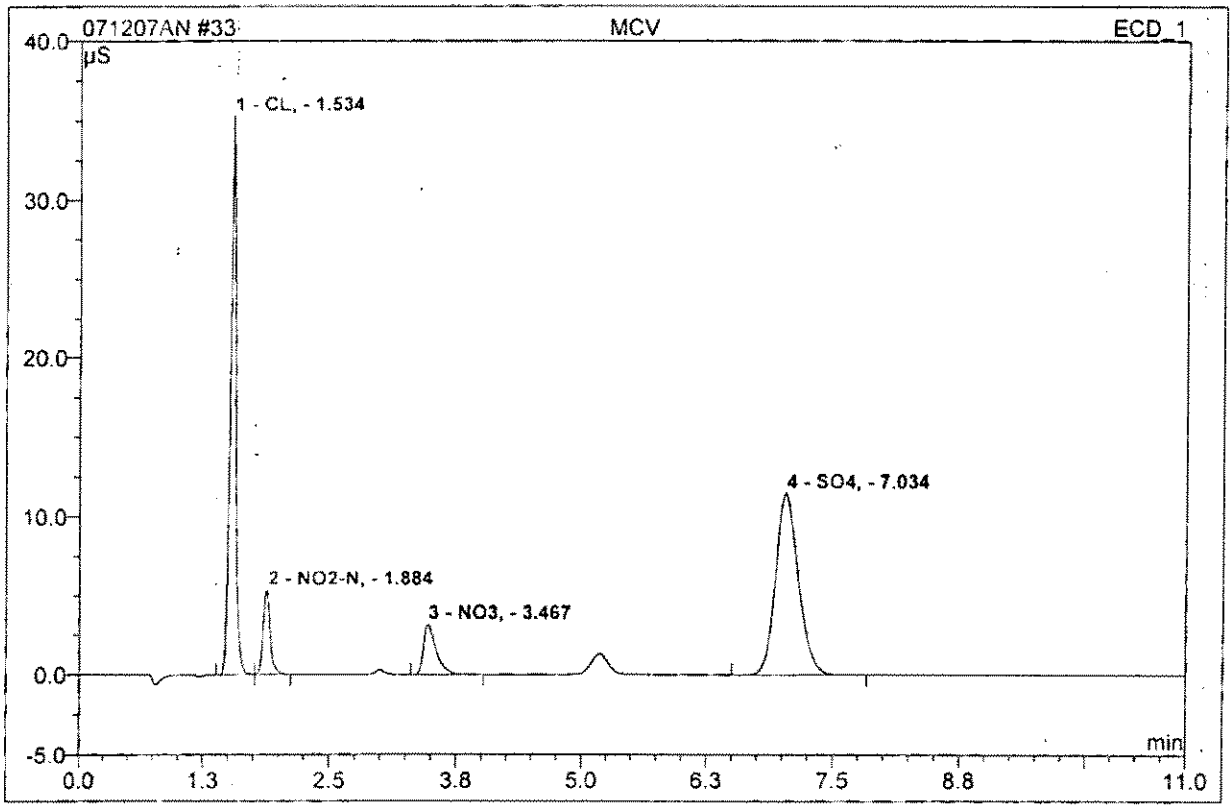
Sample Name:	2707110184MSD	*Injection Volume:*	**1000.0**
Vial Number:	107	*Channel:*	**ECD_1**
Sample Type:	unknown	*Wavelength:*	**n.a.**
Control Program:	IC#3-ANION TTL2	*Bandwidth:*	**n.a.**
Quantif. Method:	ANION-IC#3	*Dilution Factor:*	**2.0000**
Recording Time:	7/12/2007 12:08	*Sample Weight:*	**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,	49.068	3.296	36.71	57.820	BM
2	1.88	NO2-N,	1.259	0.099	1.10	1.013	MB
3	3.43	NO3,	6.205	0.943	10.51	8.321	BMB
4	6.97	SO4,	17.650	4.639	51.68	124.678	BMB
Total:			74.182	8.977	100.00	191.832	

33 MCV

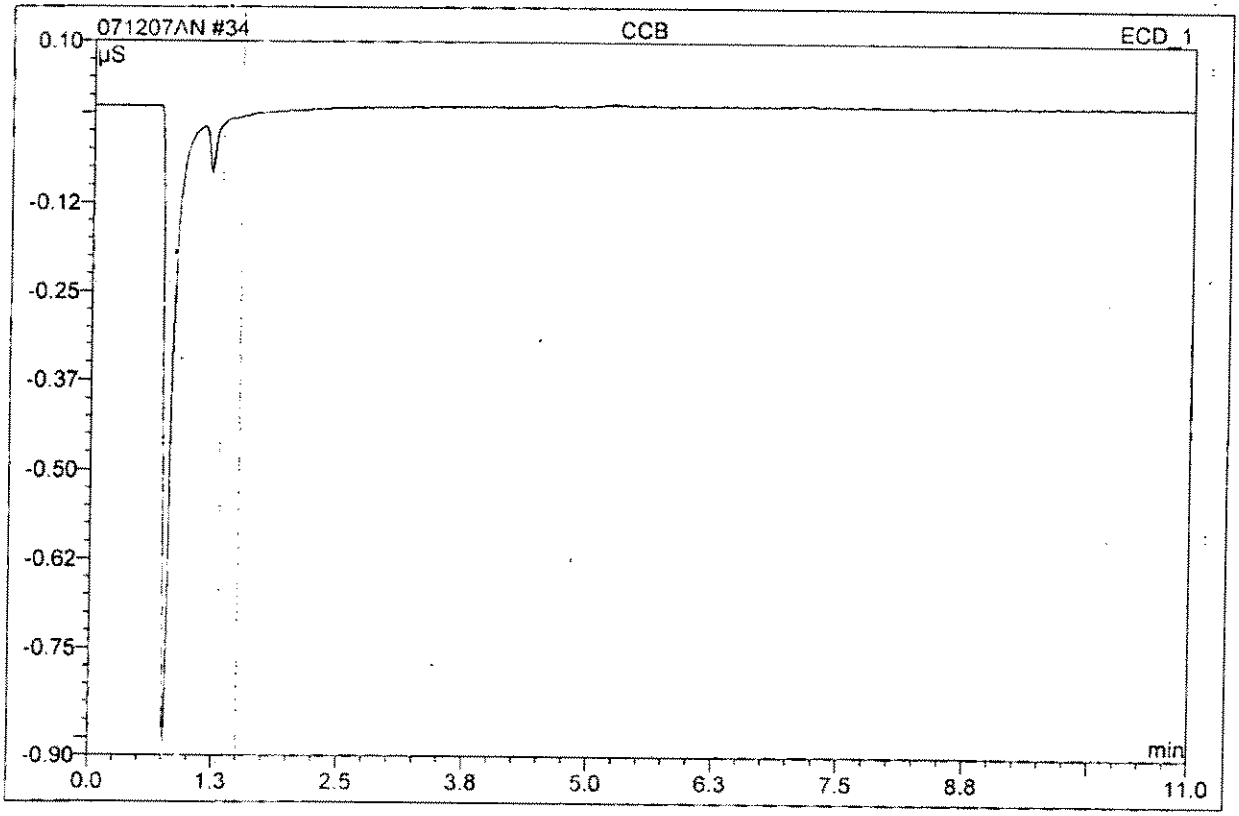
Sample Name:	MCV	*Injection Volume:*	**1000.0**
Vial Number:	169	*Channel:*	**ECD_1**
Sample Type:	unknown	*Wavelength:*	**n.a.**
Control Program:	IC#3-ANION TTL2	*Bandwidth:*	**n.a.**
Quantif. Method:	ANION-IC#3	*Dilution Factor:*	**1.0000**
Recording Time:	7/12/2007 14:11	*Sample Weight:*	**1.0000**
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,	35.311	2.316	37.44	21.132	BM
2	1.88	NO2-N,	5.361	0.426	6.88	2.088	MB
3	3.47	NO3,	3.197	0.456	7.36	2.054	BMB
4	7.03	SO4,	11.477	2.989	48.32	41.967	BMB
Total:			55.346	6.186	100.00	67.241	

34 CCB

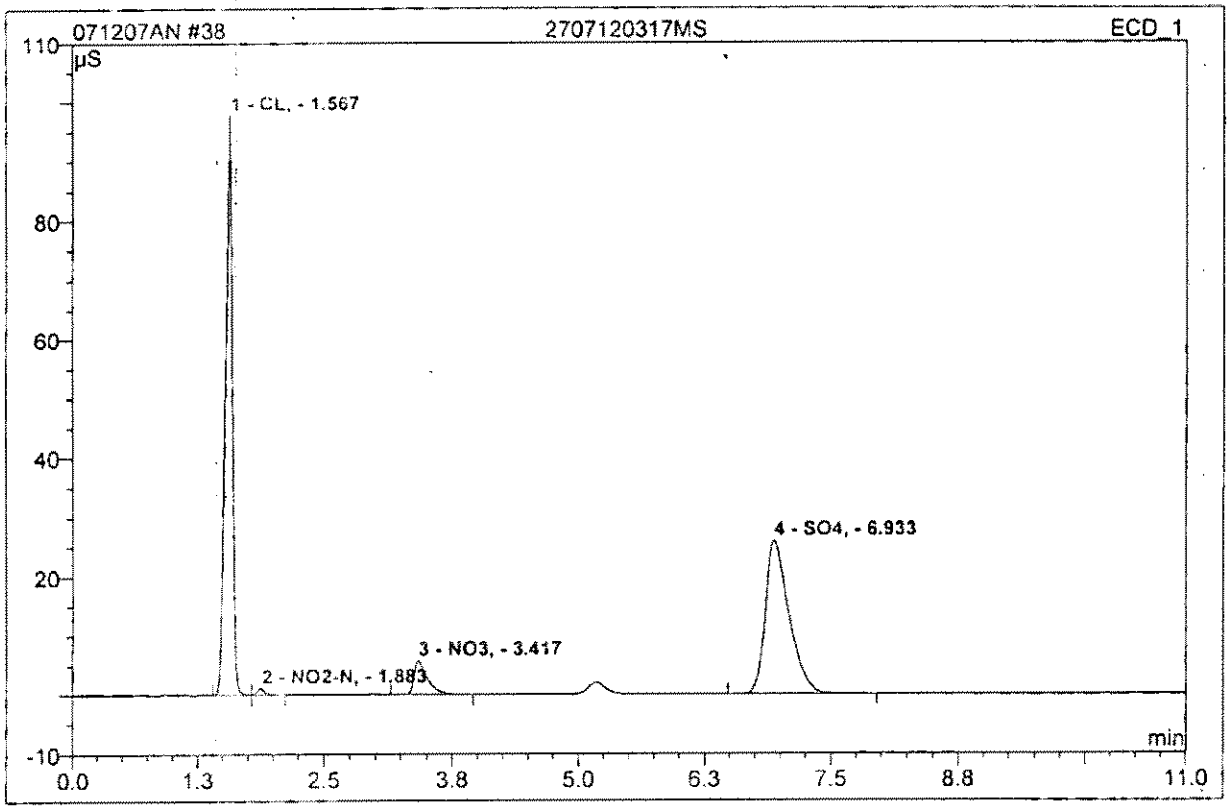
Sample Name:	CCB	*Injection Volume:*	**1000.0**
Vial Number:	139	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/12/2007 14:25**	*Sample Weight:*	**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
Total:			0.000	0.000	0.00	0.000	

38 2707120317MS

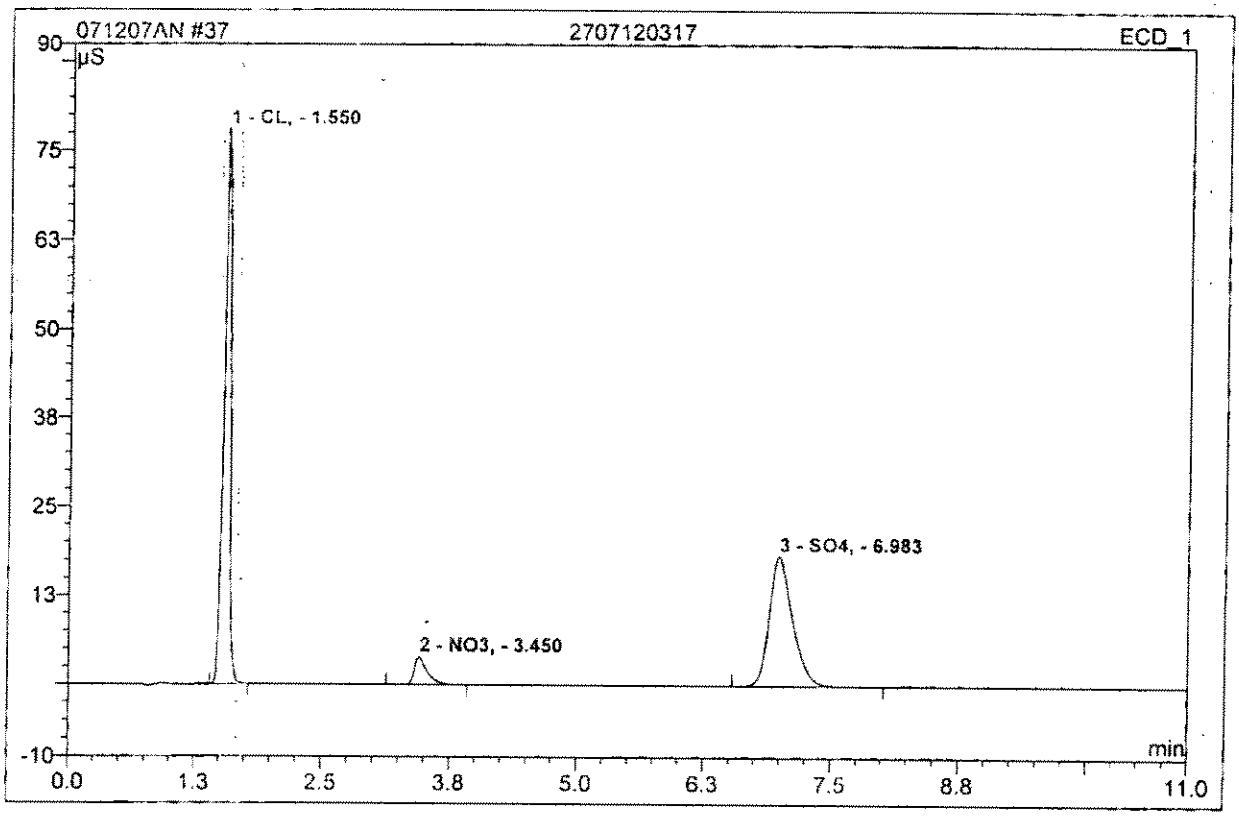
Sample Name:	2707120317MS	*Injection Volume:*	**1000.0**
Vial Number:	172	*Channel:*	**ECD_1**
Sample Type:	unknown	*Wavelength:*	**n.a.**
Control Program:	IC#3-ANION TTL2	*Bandwidth:*	**n.a.**
Quantif. Method:	ANION-IC#3	*Dilution Factor:*	**2.0000**
Recording Time:	7/12/2007 15:19	*Sample Weight:*	**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,	97.862	7.554	48.55	115.841	BM
2	1.88	NO2-N,	1.202	0.098	0.63	1.000	MB
3	3.42	NO3,	5.810	0.869	5.59	7.695	BMB
4	6.93	SO4,	26.057	7.040	45.24	178.931	BMB
Total:			130.931	15.561	100.00	303.466	

37 2707120317

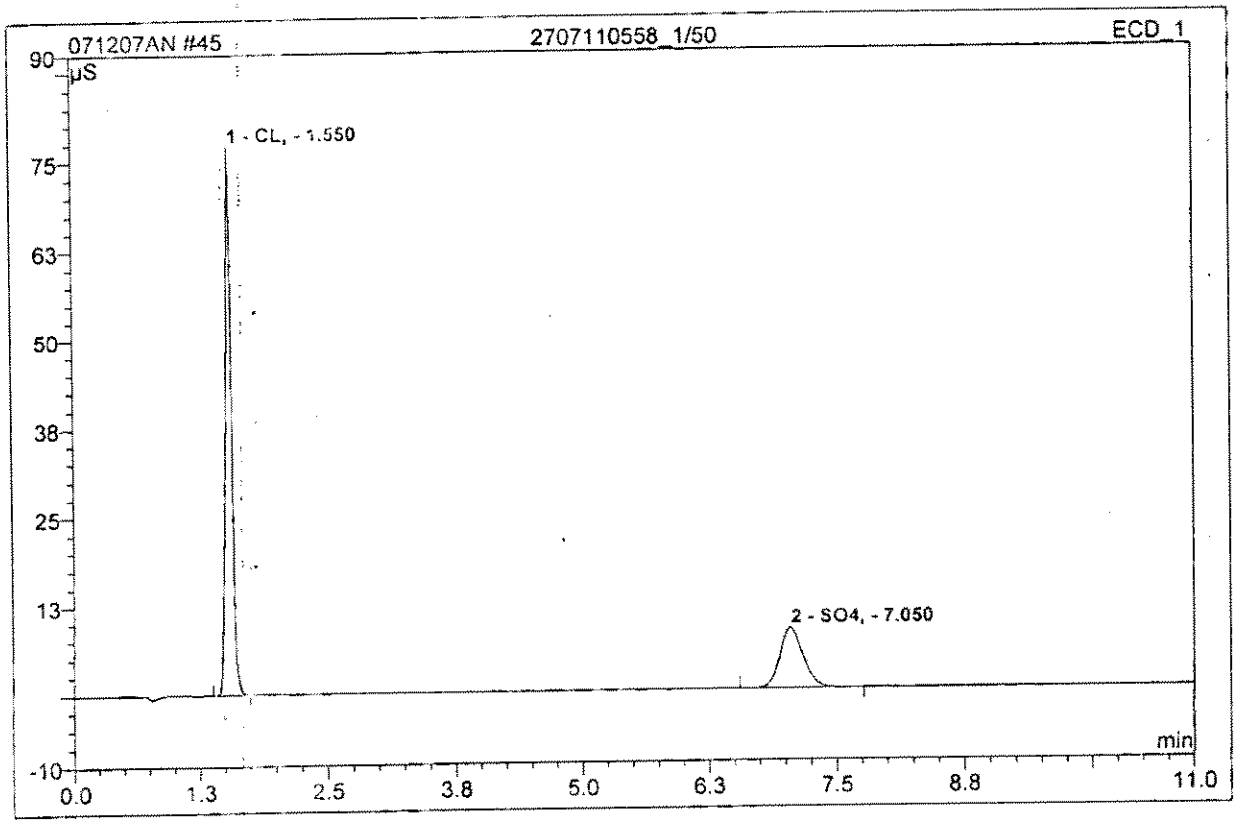
Sample Name:	2707120317	*Injection Volume:*	**1000.0**
Vial Number:	171	*Channel:*	**ECD_1**
Sample Type:	unknown	*Wavelength:*	**n.a.**
Control Program:	IC#3-ANION TTL2	*Bandwidth:*	**n.a.**
Quantif. Method:	ANION-IC#3	*Dilution Factor:*	**2.0000**
Recording Time:	7/12/2007 15:06	*Sample Weight:*	**1.0000**
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,	78.011	5.802	51.78	93.501	BMB
2	3.45	NO3,	3.930	0.567	5.06	5.087	BMB
3	6.98	SO4,	18.337	4.835	43.16	129.314	BMB
Total:			100.278	11.204	100.00	227.902	

45 2707110558_1/50

Sample Name:	2707110558_1/50	*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:*	**50.0000**
Recording Time:	**7/12/2007 16:55**	*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,	77.042	5.438	71.28	2215.685	BMB
2	7.05	SO4,	8.417	2.192	28.72	1575.064	BMB
Total:			85.460	7.630	100.00	3790.750	

Standard Preparation Worksheet & Certificate of Analysis

Reagent Documentation

Reagent: Anion Calibration Stock Soln. N(NO2)-B
Date Received: 29 May 07
Date Expired: 11/24/08
Manufacturer: CPI
Storage Condition: room temp

Reagent #: 201651
By: TLH
Matrix: aq
Amount: 10X 125mL
Lot #: 07E209

Component	Comment	Standard	Concentration
	CPI # 1400-050110th03		

Comment:

Reagent: Anion Calibration Stock Soln. - A
Date Received: 29 May 07
Date Expired: 11/24/08
Manufacturer: CPI
Storage Condition: room temp

Reagent #: 201652
By: TLH
Matrix: aq
Amount: 10X125
Lot #: 07E209

Component	Comment	Standard	Concentration
	CPI # 1400-050110th03		

Comment:

Reagent: Ultrex Nitric Acid
Date Received: 30 May 07 / 12 Jun 07
Date Expired: May 2010
Manufacturer: JT Baker
Storage Condition: room-temp

Reagent #: 201653
By: TLH
Matrix: aq
Amount: 2 x 500ml (4 x 500ml)
Lot #: C45420

Component	Comment	Standard	Concentration
	JT Baker # 10901-05		

Comment:

RW01652 recd 5-29-07

CPI INTERNATIONAL

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Innovative Solutions in Analytical Science and Technology

Expiry: 11/24/2008

Certificate of Analysis

Part Number: **4400-050110rh03** **Solution A**
Lot Number: **07E209**
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.

R 201651 rec'd 5-29-07

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Innovative Solutions in Analytical Science and Technology

Expiry: 11/4/2008

Certificate of Analysis

Part Number: **4400-050110rh03** **Solution B**
Lot Number: **07E209**
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 Preparation Documentation

Reagent: Anions LCS Std
Date Received/Prepped: Fresh daily / / /
Date Expired: / / / / /
Manufacturer:
Storage Condition: RT

MW #:
By: JKZ
Matrix: aq
Amount: 100 mL
Lot #:

Component	Comment	Standard	Concentration
Soln A	1 mL	R20/520 A	
Cl 2500 ppm	dilute to 100 mL w/ DI H2O		Cl 25 ppm
NO3 250			NO3 2.5
SO4 5000			NOx 1.00
Soln B	1 mL	R20/520 B	SO4 50
NO2 100 ppm	Stds. mixed: 12/01/07		

Comment:

Reagent: Anions LCal Std
Date Received/Prepped: Fresh daily / / /
Date Expired: / / / / /
Manufacturer:
Storage Condition: RT

MW #:
By: JKZ
Matrix: aq
Amount: 100 mL
Lot #:

Component	Comment	Standard	Concentration
Soln A	1 mL	R20/520 A	
Cl 2500 ppm	dilute to 100 mL w/ DI H2O		Cl 25 ppm
NO3 250			NO3 2.5
SO4 5000			NOx 1.0
Soln B	1 mL	R20/520 B	SO4 50
NO2 100 ppm	Stds. mixed: 12/01/07		

Comment:

Reagent: Critical 2 - LowRL
Date Received/Prepped: / / / / /
Date Expired: / / / / /
Manufacturer:
Storage Condition: RT

MW #: JKZ ~~070709-1~~ 070716-1 jkz
By: JKZ
Matrix: aq
Amount: 100 mL
Lot #:

Component	Comment	Standard	Concentration
Anion Calib Soln A	12.5 µL	R20/651	
Cl 1000 ppm	dilute to 100 mL w/ DI H2O		Cl = 0.125 ppm
NO3 100			NO3 = 0.0125
SO4 200			NO2 = 0.0125
Anion Calib Soln B	12.5 µL	R20/652	SO4 = 0.25
NO2 100 ppm	Stds. mixed: 11/24/05		

Comment:

Reagent Preparation Documentation

Reagent: Autocal 3
Date Received/Prepped: / / / / /
Date Expired: / / / / /
Manufacturer:
Storage Condition: RT

MW #: JKZ070716-2 JKZ070709-2
By: JKZ
Matrix: Aq
Amount: 100 ml
Lot #:

Component	Comment	Standard	Concentration
Anion Calib Soln A	25 µL	R20/651	
Cl 1000 ppm			Cl = 0.25 ppm
NO3 100	dilute to 100 ml		NO3 = 0.025
SO4 2000	w/ DI H2O		NO2 = 0.025
Anion Calib Soln B	25 µL	R20/652	SO4 = 0.50
NO2 100 ppm	Stds. Xpire: 11/24/08		

Comment:

Reagent: Autocal 4
Date Received/Prepped: / / / / /
Date Expired: / / / / /
Manufacturer:
Storage Condition: RT

MW #: JKZ070716-3 JKZ070709-3
By: JKZ
Matrix: Aq
Amount: 100 ml
Lot #:

Component	Comment	Standard	Concentration
Anion Calib Soln A	50 µL	R20/651	
Cl = 1000 ppm			Cl = 0.50 ppm
NO3 100	dilute to 100 ml		NO3 = 0.05
SO4 2000	w/ DI H2O		NO2 = 0.05
Anion Calib Soln B	50 µL	R20/652	SO4 = 1.00
NO2 100 ppm	Stds. Xpire: 11/24/08		

Comment:

Reagent: Autocal 5
Date Received/Prepped: / / / / /
Date Expired: / / / / /
Manufacturer:
Storage Condition: RT

MW #: JKZ070716-4 JKZ070709-4
By: JKZ
Matrix: Aq
Amount: 100 ml
Lot #:

Component	Comment	Standard	Concentration
Anion Calib Soln A	100 µL	R20/651	
Cl = 1000 ppm	dilute to 100 ml		Cl = 1.00 ppm
NO3 = 100	w/ DI H2O		NO3 = 0.10
SO4 = 2000			NO2 = 0.10
Anion Calib Soln B	100 µL	R20/652	SO4 = 2.00
NO2 = 100 ppm	Stds. Xpire 11/24/08		

Comment:

Reagent Preparation Documentation

JKZ 070716-5

Reagent: Autocal 6 **MW #:** JKZ 070709-5

Date Received/Prepped: / / / / / **By:** JKZ

Date Expired: / / / / / **Matrix:** Aq

Manufacturer: **Amount:** 100 ml

Storage Condition: RT **Lot #:**

Component	Comment	Standard	Concentration
Autocal Calib Soln A	200 µL	R201651	
Cl 1000 ppm			Cl = 2.00 ppm
NO3 100 ↓			NO3 = 0.20
SO4 2000	dilute to 100 ml w/ DI H2O		NO2 = 0.20
Autocal Calib Soln B	200 µL	R201652	SO4 = 4.00
NO2 100 ppm	Stds. type: 11/24/08		

Comment:

JKZ 070716-6

Reagent: Autocal 7 **MW #:** JKZ 070709-6

Date Received/Prepped: / / / / / **By:** JKZ

Date Expired: / / / / / **Matrix:** Aq

Manufacturer: **Amount:** 100ml

Storage Condition: RT **Lot #:**

Component	Comment	Standard	Concentration
Autocal Calib Soln A	500 µL	R201651	
			Cl = 5.00 ppm
	dilute to 100 ml w/ DI H2O		NO3 = 0.50
			NO2 = 0.50
Autocal Calib Soln B	500 µL	R201652	SO4 = 10.0
	Stds. type: 11/24/08		

Comment:

JKZ 070716-7

Reagent: Autocal 8 **MW #:** JKZ 070709-7

Date Received/Prepped: / / / / / **By:** JKZ

Date Expired: / / / / / **Matrix:** Aq

Manufacturer: **Amount:** 100 ml

Storage Condition: RT **Lot #:**

Component	Comment	Standard	Concentration
Autocal Calib Soln A	1.00 ml	R201651	
			Cl = 10.00 ppm
	dilute to 100 ml w/ DI H2O		NO3 = 1.00
			NO2 = 1.00
Autocal Calib Soln B	1.00 ml	R201652	SO4 = 20.0
	Stds. type: 11/24/08		

Comment:

Reagent Preparation Documentation

Reagent: Autocal 9
Date Received/Prepped: / / / / /
Date Expired: / / / / /
Manufacturer:
Storage Condition: RT

MW #: JK2070716-8 JK2070709-8
By: JKZ
Matrix: Aq
Amount: 100 ml
Lot #:

Component	Comment	Standard	Concentration
Anion Calib Soln A	2.50 ml	R20165I	
Cl 1000 ppm			Cl = 25.0 ppm
NO3 100	dilute to 100 ml		NO3 = 2.50
SO4 2000	w/ DI H2O		NO2 = 2.50
Anion Calib Soln B	2.50 ml	R20165Z	SO4 = 50.0
NO2 100 ppm	Stds. expire: 11/24/08		

Comment:

Reagent: Autocal 10
Date Received/Prepped: / / / / /
Date Expired: / / / / /
Manufacturer:
Storage Condition: RT

MW #: JK2070716-9 JK2070709-9
By: JKZ
Matrix: Aq
Amount: 100 ml
Lot #:

Component	Comment	Standard	Concentration
Anion Calib Soln A	5.00 ml	R20165I	
			Cl = 50.0 ppm
	dilute to 100 ml		NO3 = 5.00
	w/ DI H2O		NO2 = 5.00
Anion Calib Soln B	5.00 ml	R20165Z	SO4 = 100
	Stds. expire: 11/24/08		

Comment:

Reagent: Autocal 11
Date Received/Prepped: / / / / /
Date Expired: / / / / /
Manufacturer:
Storage Condition: RT Std

MW #: JK2070716-10 JK2070709-10
By: JKZ
Matrix: Aq
Amount: 100 ml
Lot #:

Component	Comment	Standard	Concentration
Anion Calib Soln A	10.0 ml	R20165I	
			Cl = 100 ppm
	dilute to 100 ml		NO3 = 10.0
	w/ DI H2O		NO2 = 10.0
Anion Calib Soln B	10.0 ml	R20165Z	SO4 = 200
	Stds. expire: 11/24/08		

Comment: