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Level IV Data Package

MWH Group 226843

Method: EPA 300.0 NO3

2801080538
2801080540

Rec'd 1-9-08

Revision # 3: May 28, 2007

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

Analysis Date: 01/08/08 **Analyst:** KV

QC'd by YH **Date** 1/10/08

Instrument: IC3

11 Jan 08

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

None QIR needed for failed QC

✓ QIR needed for samples analyzed outside of hold time

None NO3-LOW1

SO4-LOW1

NO39056

CL-LF

SO4-LF

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

Misc

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

None for NO2-N, MCL = 1 ppm (3) for NO3, MCL = 10 ppm

Valleywater NO_3 as N

2801081584 13 ppm

582 13

587 14

SUMMARY SHEET

File ID: 010808an
Date Started: 01/04/08
Analyst ID: jkz

SAMPLE ID

WASH	(09:07)	autocal1	(09:21)	autocal2	(09:34)
autocal3	(09:48)	autocal4	(10:02)	autocal5	(10:15)
autocal6	(10:29)	autocal7	(10:42)	autocal8	(10:56)
autocal9	(11:10)	autocal10	(11:23)	autocal11	(11:37)
20 ppm NO3	(08:52)	LOWRL	(10:00)	2801040197_1	(11:09)
2801070179_1	(11:22)	2801070333_1	(11:36)	2801080639	(13:14)
2801080640_1	(13:55)	2801080540_1	(14:09)	2801080538_1	(14:22)
2801080382_1	(14:36)	2801080659_1	(14:50)	2801080663_1	(15:03)
2801080365	(15:44)	2801080658	(16:11)	2801080661	(16:25)
2801080350	(16:39)	2801080574_1	(16:52)	2801080575_1	(17:06)
2801080576_1	(17:20)	2801080577_1	(17:33)	2801080578_1	(17:47)
2801080579_1	(18:00)	LOWRL	(18:55)	2801080584	(20:03)
2801080585_1	(20:44)	2801080586_1	(20:58)	2801080587_1	(21:11)
2801080717_1	(21:25)	2801080718_1	(21:39)	2801080711_1	(21:52)
2801080719_1	(22:06)	2801080720_1	(22:19)	2801080721_1	(22:33)
2801080722_1	(23:14)	2801080294	(23:28)	2801080295_1	(23:55)
2801080296_1	(00:09)	2801080297_1	(00:22)	2801080298_1	(00:36)
2801080299_1	(00:49)	2801080300_1	(01:03)	2801080302_1	(01:17)
2801080421_1	(01:30)	LOWRL	(02:25)	2801080425	(03:33)
2801080426_1	(04:14)	2801080428_1	(04:28)	2801080429_1	(04:41)
2801080523_1	(04:55)	2801080525_1	(05:08)	2801080529_1	(05:22)
2801080530_1	(05:36)	2801080531_1	(05:49)	2801080532_1	(06:03)
2801080533	(06:44)	2801080534_1	(07:11)	2801080535_1	(07:25)
2801080527	(07:38)	2801080539_1	(07:52)	2801080412_1	(08:06)
2801080413_1	(08:19)		()		

COMMENT:

Analyst: jkz

Approved By: JLH

File ID: 010808an RUN - LOG

Sample ID	Date	Time	Dil
WASH	01/04/08	09:07	1
autocal1	01/04/08	09:21	1
autocal2	01/04/08	09:34	1
autocal3	01/04/08	09:48	1
autocal4	01/04/08	10:02	1
autocal5	01/04/08	10:15	1
autocal6	01/04/08	10:29	1
autocal7	01/04/08	10:42	1
autocal8	01/04/08	10:56	1
autocal9	01/04/08	11:10	1
autocal10	01/04/08	11:23	1
autocal11	01/04/08	11:37	1
20 ppm NO3	01/08/08	08:52	1
HCV2	01/08/08	09:06	1
HCV1	01/08/08	09:20	1
MCV	01/08/08	09:33	1
CCB	01/08/08	09:47	1
LOWRL	01/08/08	10:00	1
MRL	01/08/08	10:14	1
MBLANK	01/08/08	10:28	1
LCS	01/08/08	10:41	1
LCSD	01/08/08	10:55	1
2801040197_1/2	01/08/08	11:09	2
2801070179_1/2	01/08/08	11:22	2
2801070333_1/2	01/08/08	11:36	2
2801080639	01/08/08	13:14	2
2801080639MS	01/08/08	13:28	2
2801080639MSD	01/08/08	13:42	2
2801080640_1/2	01/08/08	13:55	2
2801080540_1/50	01/08/08	14:09	50
2801080538_1/50	01/08/08	14:22	50
2801080382_1/2	01/08/08	14:36	2
2801080659_1/2	01/08/08	14:50	2
2801080663_1/2	01/08/08	15:03	2
MCV	01/08/08	15:17	1
CCB	01/08/08	15:31	1
2801080365	01/08/08	15:44	1
2801080365MS	01/08/08	15:58	1
2801080658	01/08/08	16:11	1
2801080661	01/08/08	16:25	1
2801080350	01/08/08	16:39	1
2801080574_1/5	01/08/08	16:52	5
2801080575_1/5	01/08/08	17:06	5
2801080576_1/5	01/08/08	17:20	5
2801080577_1/5	01/08/08	17:33	5
2801080578_1/5	01/08/08	17:47	5
2801080579_1/5	01/08/08	18:00	5
HCV2	01/08/08	18:14	1
HCV1	01/08/08	18:28	1

File ID: 010808an RUN - LOG

Sample ID	Date	Time	Dil
CCB	01/08/08	18:41	1
LOWRL	01/08/08	18:55	1
MRL	01/08/08	19:09	1
MBLANK	01/08/08	19:22	1
LCS	01/08/08	19:36	1
LCSD	01/08/08	19:50	1
2801080584	01/08/08	20:03	2
2801080584MS	01/08/08	20:17	2
2801080584MSD	01/08/08	20:30	2
2801080585_1/2	01/08/08	20:44	2
2801080586_1/2	01/08/08	20:58	2
2801080587_1/2	01/08/08	21:11	2
2801080717_1/2	01/08/08	21:25	2
2801080718_1/2	01/08/08	21:39	2
2801080711_1/2	01/08/08	21:52	2
2801080719_1/2	01/08/08	22:06	2
2801080720_1/2	01/08/08	22:19	2
2801080721_1/2	01/08/08	22:33	2
MCV	01/08/08	22:47	1
CCB	01/08/08	23:00	1
2801080722_1/2	01/08/08	23:14	2
2801080294	01/08/08	23:28	2
2801080294MS	01/08/08	23:41	2
2801080295_1/2	01/08/08	23:55	2
2801080296_1/2	01/09/08	00:09	2
2801080297_1/2	01/09/08	00:22	2
2801080298_1/2	01/09/08	00:36	2
2801080299_1/2	01/09/08	00:49	2
2801080300_1/2	01/09/08	01:03	2
2801080302_1/2	01/09/08	01:17	2
2801080421_1/2	01/09/08	01:30	2
HCV2	01/09/08	01:44	1
HCV1	01/09/08	01:58	1
CCB	01/09/08	02:11	1
LOWRL	01/09/08	02:25	1
MRL	01/09/08	02:38	1
MBLANK	01/09/08	02:52	1
LCS	01/09/08	03:06	1
LCSD	01/09/08	03:19	1
2801080425	01/09/08	03:33	2
2801080425MS	01/09/08	03:47	2
2801080425MSD	01/09/08	04:00	2
2801080426_1/2	01/09/08	04:14	2
2801080428_1/2	01/09/08	04:28	2
2801080429_1/2	01/09/08	04:41	2
2801080523_1/2	01/09/08	04:55	2
2801080525_1/2	01/09/08	05:08	2
2801080529_1/2	01/09/08	05:22	2
2801080530_1/2	01/09/08	05:36	2
2801080531_1/2	01/09/08	05:49	2

File ID: 010808an RUN - LOG

Sample ID	Date	Time	Dil
2801080532_1/2	01/09/08	06:03	2
MCV	01/09/08	06:17	1
CCB	01/09/08	06:30	1
2801080533	01/09/08	06:44	2
2801080533MS	01/09/08	06:58	2
2801080534_1/2	01/09/08	07:11	2
2801080535_1/2	01/09/08	07:25	2
2801080527_1/2	01/09/08	07:38	2
2801080539_1/2	01/09/08	07:52	2
2801080412_1/2	01/09/08	08:06	2
2801080413_1/2	01/09/08	08:19	2
HCV2	01/09/08	08:33	1
HCV1	01/09/08	08:47	1
CCB	01/09/08	09:00	1
			0

BATCH NUMBER for 010808an

Test Parameter:

CL NO2-N NO3 SO4 NO3A

Batch ID: 2801080639

2801040197_1/2	2801070179_1/2	2801070333_1/2
2801080639	2801080640_1/2	2801080540_1/50
2801080538_1/50	2801080382_1/2	2801080659_1/2
2801080663_1/2	2801080365	2801080658
2801080661	2801080350	2801080574_1/5
2801080575_1/5	2801080576_1/5	2801080577_1/5
2801080578_1/5	2801080579_1/5	

Batch ID: 2801080584

2801080584	2801080585_1/2	2801080586_1/2
2801080587_1/2	2801080717_1/2	2801080718_1/2
2801080711_1/2	2801080719_1/2	2801080720_1/2
2801080721_1/2	2801080722_1/2	2801080294
2801080295_1/2	2801080296_1/2	2801080297_1/2
2801080298_1/2	2801080299_1/2	2801080300_1/2
2801080302_1/2	2801080421_1/2	

Batch ID: 2801080425

2801080425	2801080426_1/2	2801080428_1/2
2801080429_1/2	2801080523_1/2	2801080525_1/2
2801080529_1/2	2801080530_1/2	2801080531_1/2
2801080532_1/2	2801080533	2801080534_1/2
2801080535_1/2	2801080527 _1/2	2801080539_1/2
2801080412_1/2	2801080413_1/2	

File ID: 010808an NO3

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
WASH	01/04/08	09:07	1	0	ND		
autocal1	01/04/08	09:21	1	0	ND		
autocal2	01/04/08	09:34	1	.01065497	ND		
autocal3	01/04/08	09:48	1	.02246382	ND		
autocal4	01/04/08	10:02	1	.04422491	ND		
autocal5	01/04/08	10:15	1	.09102	0.091		
autocal6	01/04/08	10:29	1	.18770	0.19		
autocal7	01/04/08	10:42	1	.48026	0.48		
autocal8	01/04/08	10:56	1	.98294	0.98		
autocal9	01/04/08	11:10	1	2.4782	2.5		
autocal10	01/04/08	11:23	1	5.0251	5.0		
autocal11	01/04/08	11:37	1	9.9957	10		
20 ppm NO3	01/08/08	08:52	1	19.402	19		
HCV2	01/08/08	09:06	1	7.9751	7.98	90-110	99.6%
HCV1	01/08/08	09:20	1	5.1332	5.13	90-110	102%
MCV	01/08/08	09:33	1	2.0009	2.00	90-110	100%
CCB	01/08/08	09:47	1	0	ND		
LOWRL	01/08/08	10:00	1	.01299544	ND	1047	
MRL	01/08/08	10:14	1	.04784019 ✓	ND	50-150	95.6%
MBLANK	01/08/08	10:28	1	0	ND		
LCS	01/08/08	10:41	1	2.4955	2.5 ✓	90-110	99.8%
LCSD	01/08/08	10:55	1	2.5018	2.5 ✓	90-110	100%
2801040197_1/2	01/08/08	11:09	2	6.0841	6.1		
2801070179_1/2	01/08/08	11:22	2	6.0809	6.1		
2801070333_1/2	01/08/08	11:36	2	.07505344	ND		
2801080639	01/08/08	13:14	2	4.7474	4.7 ✓ fv=1.35 1.27 ✓		
2801080639MS	01/08/08	13:28	2	7.2929	7.29	[~~2.546~~]	101%
2801080639MSD	01/08/08	13:42	2	7.2936	7.29 1.27	[~~2.546~~] ✓	101%
2801080639T	01/08/08	13:42	2		2.59	~~90 - 110~~ 80-112	01/09/08
2801080640_1/2	01/08/08	13:55	2	4.5492	4.5 ✓		
2801080540_1/50	01/08/08	14:09	50	12.977	13 ✓		
2801080538_1/50	01/08/08	14:22	50	0	ND ✓		
2801080382_1/2	01/08/08	14:36	2	0	ND ✓		
2801080659_1/2	01/08/08	14:50	2	.04015	ND ✓		
2801080663_1/2	01/08/08	15:03	2	0	ND ✓		
MCV	01/08/08	15:17	1	2.0337	2.03	90-110	101%
CCB	01/08/08	15:31	1	0	ND		
2801080365	01/08/08	15:44	1	.12477	0.12 fv=1.35		01/09/08
2801080365MS	01/08/08	15:58	1	1.3531	1.35	[1.228]	98.2%
2801080658	01/08/08	16:11	1	.98378	0.98 ✓		
2801080661	01/08/08	16:25	1	1.1488	1.1 ✓		

File ID: 010808an NO3

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
2801080350	01/08/08	16:39	1	1.8282	1.8		
2801080574_1/5	01/08/08	16:52	5	1.5223	1.5		
2801080575_1/5	01/08/08	17:06	5	1.5805	1.6		
2801080576_1/5	01/08/08	17:20	5	1.7700	1.8		
2801080577_1/5	01/08/08	17:33	5	1.7481	1.7		
2801080578_1/5	01/08/08	17:47	5	1.7911	1.8		
2801080579_1/5	01/08/08	18:00	5	7.6667	7.7		
HCV2	01/08/08	18:14	1	8.2009	8.2	90-110	102%
HCV1	01/08/08	18:28	1	5.1274	5.13	90-110	102%
CCB	01/08/08	18:41	1	0	ND		
LOWRL	01/08/08	18:55	1	.01368351	ND	110 2	
MRL	01/08/08	19:09	1	.04969815	ND	50-150	99.3%
MBLANK	01/08/08	19:22	1	0	ND		
LCS	01/08/08	19:36	1	2.4851	2.49	90-110	99.4%
LCSD	01/08/08	19:50	1	2.5257	2.53	90-110	101%
2801080584	01/08/08	20:03	2	12.984	13	1.22	
2801080584MS	01/08/08	20:17	2	15.435	15.4	[~~2.451~~]	98.0%
2801080584MSD	01/08/08	20:30	2	15.332	15.3 1.17	[~~2.349~~]	93.9%
2801080584T	01/08/08	20:30	2		2.50	~~90 - 110~~ 80-112 2	JS 01/09/08
2801080585_1/2	01/08/08	20:44	2	15.187	15		
2801080586_1/2	01/08/08	20:58	2	12.979	13		
2801080587_1/2	01/08/08	21:11	2	14.316	14		
2801080717_1/2	01/08/08	21:25	2	8.7443	8.7		
2801080718_1/2	01/08/08	21:39	2	8.3678	8.4		
2801080711_1/2	01/08/08	21:52	2	4.6620	4.7		
2801080719_1/2	01/08/08	22:06	2	6.3631	6.4		
2801080720_1/2	01/08/08	22:19	2	7.1520	7.2		
2801080721_1/2	01/08/08	22:33	2	8.6301	8.6		
MCV	01/08/08	22:47	1	2.0135	2.01	90-110	100%
CCB	01/08/08	23:00	1	0	ND		
2801080722_1/2	01/08/08	23:14	2	8.5261	8.5		
2801080294	01/08/08	23:28	2	5.6613	5.7	1.18	JS 01/09/08
2801080294MS	01/08/08	23:41	2	8.0210	8.02	[~~2.360~~]	94.3%
2801080295_1/2	01/08/08	23:55	2	5.5715	5.6		
2801080296_1/2	01/09/08	00:09	2	5.6045	5.6		
2801080297_1/2	01/09/08	00:22	2	5.5541	5.6		
2801080298_1/2	01/09/08	00:36	2	5.6286	5.6		
2801080299_1/2	01/09/08	00:49	2	5.5565	5.6		
2801080300_1/2	01/09/08	01:03	2	5.5686	5.6		
2801080302_1/2	01/09/08	01:17	2	5.4890	5.5		
2801080421_1/2	01/09/08	01:30	2	5.3560	5.4		

File ID: 010808an NO3

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
HCV2	01/09/08	01:44	1	8.0313	8.03	90-110	100%
HCV1	01/09/08	01:58	1	5.2095	5.21	90-110	104%
CCB	01/09/08	02:11	1	0	ND		
LOWRL	01/09/08	02:25	1	.01421376	ND	1142	
MRL	01/09/08	02:38	1	.04888128	ND	50-150	97.7%
MBLANK	01/09/08	02:52	1	0	ND		
LCS	01/09/08	03:06	1	2.5131	2.51	90-110	100%
LCSD	01/09/08	03:19	1	2.5300	2.53	90-110	101%
2801080425	01/09/08	03:33	2	5.5384	5.5	1.25 1.34	
2801080425MS	01/09/08	03:47	2	8.2694	8.27	[~~2.731~~]	109%
2801080425MSD	01/09/08	04:00	2	8.1342	8.13	[~~2.596~~]	103%
2801080425T	01/09/08	04:00	2		2.50	~~90 — 110~~	
2801080426_1/2	01/09/08	04:14	2	5.2774	5.3	80-122 JS 01/09/08	
2801080428_1/2	01/09/08	04:28	2	4.1462	4.1		
2801080429_1/2	01/09/08	04:41	2	6.4010	6.4		
2801080523_1/2	01/09/08	04:55	2	6.2971	6.3		
2801080525_1/2	01/09/08	05:08	2	6.2699	6.3	DNR	
2801080529_1/2	01/09/08	05:22	2	6.2085	6.2		
2801080530_1/2	01/09/08	05:36	2	6.2544	6.3		
2801080531_1/2	01/09/08	05:49	2	6.2390	6.2		
2801080532_1/2	01/09/08	06:03	2	6.8520	6.9		
MCV	01/09/08	06:17	1	.24745	0.247	90-110	12.3% Q
CCB	01/09/08	06:30	1	.01263583	ND		
2801080533	01/09/08	06:44	2	6.3837	6.4		
2801080533MS	01/09/08	06:58	2	8.9215	8.92	[2.538]	101%
2801080534_1/2	01/09/08	07:11	2	6.2343	6.2		
2801080535_1/2	01/09/08	07:25	2	6.2969	6.3		
2801080527_1/2	01/09/08	07:38	2	6.5842	6.6		
2801080539_1/2	01/09/08	07:52	2	9.7559	9.8		
2801080412_1/2	01/09/08	08:06	2	2.5036	2.5		
2801080413_1/2	01/09/08	08:19	2	1.8297	1.8		
HCV2	01/09/08	08:33	1	8.2834	8.28	90-110	103%
HCV1	01/09/08	08:47	1	5.3664	5.37	90-110	107%
CCB	01/09/08	09:00	1	0	ND		
			0	N/A	ND		

File ID: 010808an NO3A

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
WASH	01/04/08	09:07	1	0	ND		
autocal1	01/04/08	09:21	1	0	ND		
autocal2	01/04/08	09:34	1	.04688185	0		
autocal3	01/04/08	09:48	1	.09884	0.099		
autocal4	01/04/08	10:02	1	.19458	0.19		
autocal5	01/04/08	10:15	1	.40052	0.40		
autocal6	01/04/08	10:29	1	.82590	0.83		
autocal7	01/04/08	10:42	1	2.1131	2.1		
autocal8	01/04/08	10:56	1	4.3249	4.3		
autocal9	01/04/08	11:10	1	10.904	11		
autocal10	01/04/08	11:23	1	22.110	22		
autocal11	01/04/08	11:37	1	43.981	44		
20 ppm NO3	01/08/08	08:52	1	85.369	85		
HCV2	01/08/08	09:06	1	35.090	35.1	90-110	
HCV1	01/08/08	09:20	1	22.586	22.6	90-110	
MCV	01/08/08	09:33	1	8.8040	8.8	90-110	
CCB	01/08/08	09:47	1	0	ND		
LOWRL	01/08/08	10:00	1	.05717992	.1		
MRL	01/08/08	10:14	1	.21049	0.21	50-150	
MBLANK	01/08/08	10:28	1	0	ND		
LCS	01/08/08	10:41	1	10.980	11	90-110	
LCSD	01/08/08	10:55	1	11.008	11	90-110	
2801040197_1/2	01/08/08	11:09	2	26.770	27		
2801070179_1/2	01/08/08	11:22	2	26.756	27		
2801070333_1/2	01/08/08	11:36	2	.33023	0.33		
2801080639	01/08/08	13:14	2	20.888	21		
2801080639MS	01/08/08	13:28	2	32.088	32.1		
2801080639MSD	01/08/08	13:42	2	32.091	32.1		
2801080640_1/2	01/08/08	13:55	2	20.016	20		
2801080540_1/50	01/08/08	14:09	50	57.102	57		
2801080538_1/50	01/08/08	14:22	50	0	ND		
2801080382_1/2	01/08/08	14:36	2	0	ND		
2801080659_1/2	01/08/08	14:50	2	.17669	0.18		
2801080663_1/2	01/08/08	15:03	2	0	ND		
MCV	01/08/08	15:17	1	8.9484	8.95	90-110	
CCB	01/08/08	15:31	1	0	ND		
2801080365	01/08/08	15:44	1	.54899	0.55		
2801080365MS	01/08/08	15:58	1	5.9539	5.95		
2801080658	01/08/08	16:11	1	4.3286	4.3		
2801080661	01/08/08	16:25	1	5.0549	5.1		

File ID: 010808an NO3A

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
2801080350	01/08/08	16:39	1	8.0440	8.0		
2801080574_1/5	01/08/08	16:52	5	6.6984	6.7		
2801080575_1/5	01/08/08	17:06	5	6.9543	7.0		
2801080576_1/5	01/08/08	17:20	5	7.7883	7.8		
2801080577_1/5	01/08/08	17:33	5	7.6918	7.7		
2801080578_1/5	01/08/08	17:47	5	7.8809	7.9		
2801080579_1/5	01/08/08	18:00	5	33.733	34		
HCV2	01/08/08	18:14	1	36.084	36.1	90-110	
HCV1	01/08/08	18:28	1	22.560	22.6	90-110	
CCB	01/08/08	18:41	1	0	ND		
LOWRL	01/08/08	18:55	1	.06020747	.1		
MRL	01/08/08	19:09	1	.21867	0.219	50-150	
MBLANK	01/08/08	19:22	1	0	ND		
LCS	01/08/08	19:36	1	10.934	10.9	90-110	
LCSD	01/08/08	19:50	1	11.113	11.1	90-110	
2801080584	01/08/08	20:03	2	57.130	57		
2801080584MS	01/08/08	20:17	2	67.914	67.9		
2801080584MSD	01/08/08	20:30	2	67.464	67.5		
2801080585_1/2	01/08/08	20:44	2	66.823	67		
2801080586_1/2	01/08/08	20:58	2	57.108	57		
2801080587_1/2	01/08/08	21:11	2	62.991	63		
2801080717_1/2	01/08/08	21:25	2	38.475	38		
2801080718_1/2	01/08/08	21:39	2	36.818	37		
2801080711_1/2	01/08/08	21:52	2	20.512	21		
2801080719_1/2	01/08/08	22:06	2	27.997	28		
2801080720_1/2	01/08/08	22:19	2	31.468	31		
2801080721_1/2	01/08/08	22:33	2	37.972	38		
MCV	01/08/08	22:47	1	8.8594	8.86	90-110	
CCB	01/08/08	23:00	1	0	ND		
2801080722_1/2	01/08/08	23:14	2	37.515	38		
2801080294	01/08/08	23:28	2	24.909	25		
2801080294MS	01/08/08	23:41	2	35.292	35.3		
2801080295_1/2	01/08/08	23:55	2	24.514	25		
2801080296_1/2	01/09/08	00:09	2	24.660	25		
2801080297_1/2	01/09/08	00:22	2	24.438	24		
2801080298_1/2	01/09/08	00:36	2	24.766	25		
2801080299_1/2	01/09/08	00:49	2	24.448	24		
2801080300_1/2	01/09/08	01:03	2	24.501	25		
2801080302_1/2	01/09/08	01:17	2	24.151	24		
2801080421_1/2	01/09/08	01:30	2	23.566	24		

File ID: 010808an NO3A

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
HCV2	01/09/08	01:44	1	35.337	35.3	90-110	
HCV1	01/09/08	01:58	1	22.921	22.9	90-110	
CCB	01/09/08	02:11	1	0	ND		
LOWRL	01/09/08	02:25	1	.06254056	.1		
MRL	01/09/08	02:38	1	.21507	0.215	50-150	
MBLANK	01/09/08	02:52	1	0	ND		
LCS	01/09/08	03:06	1	11.057	11.1	90-110	
LCSD	01/09/08	03:19	1	11.132	11.1	90-110	
2801080425	01/09/08	03:33	2	24.369	24		
2801080425MS	01/09/08	03:47	2	36.385	36.4		
2801080425MSD	01/09/08	04:00	2	35.790	35.8		
2801080426_1/2	01/09/08	04:14	2	23.220	23		
2801080428_1/2	01/09/08	04:28	2	18.243	18		
2801080429_1/2	01/09/08	04:41	2	28.164	28		
2801080523_1/2	01/09/08	04:55	2	27.707	28		
2801080525_1/2	01/09/08	05:08	2	27.587	28		
2801080529_1/2	01/09/08	05:22	2	27.317	27		
2801080530_1/2	01/09/08	05:36	2	27.519	28		
2801080531_1/2	01/09/08	05:49	2	27.451	27		
2801080532_1/2	01/09/08	06:03	2	30.149	30		
MCV	01/09/08	06:17	1	1.0887	1.09	90-110	
CCB	01/09/08	06:30	1	.05559765	.1		
2801080533	01/09/08	06:44	2	28.088	28		
2801080533MS	01/09/08	06:58	2	39.254	39.3		
2801080534_1/2	01/09/08	07:11	2	27.430	27		
2801080535_1/2	01/09/08	07:25	2	27.706	28		
2801080527 _1/2	01/09/08	07:38	2	28.970	29		
2801080539_1/2	01/09/08	07:52	2	42.926	43		
2801080412_1/2	01/09/08	08:06	2	11.016	11		
2801080413_1/2	01/09/08	08:19	2	8.0509	8.1		
HCV2	01/09/08	08:33	1	36.447	36.4	90-110	
HCV1	01/09/08	08:47	1	23.612	23.6	90-110	
CCB	01/09/08	09:00	1	0	ND		
			0	N/A	ND		

&110

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Sample ID	Time	CL	NO2-N	NO3	SO4	NO3A
WASH	09:07	0.0000	0.0000	0.0000	0.0000	0.0000
autocal1	09:21	0.0000	0.0000	0.0000	0.0000	0.0000
autocal2	09:34	0.1075	0.0114	0.0107	0.2488	0.0469
autocal3	09:48	0.2340	0.0273	0.0225	0.4814	0.0988
autocal4	10:02	0.4088	0.0472	0.0442	0.9324	0.1946
autocal5	10:15	0.8003	0.0952	0.0910	1.833	0.4005
autocal6	10:29	1.663	0.1870	0.1877	3.757	0.8259
autocal7	10:42	4.447	0.4786	0.4803	9.669	2.113
autocal8	10:56	9.597	0.9597	0.9829	19.79	4.325
autocal9	11:10	25.46	2.463	2.478	50.26	10.90
autocal10	11:23	49.92	5.044	5.025	99.95	22.11
autocal11	11:37	90.46	9.992	9.996	186.5	43.98
20 ppm NO3	08:52	158.8	0.0000	19.40	335.8	85.37
HCV2	09:06	75.6/80	8.17	7.98	154	35.1
HCV1	09:20	51.3/50	5.17	5.13	102	22.6
MCV	09:33	20.4/20	2.00	2.00	40.5	8.80
CCB	09:47	0.0000	0.0000	0.0000	0.0000	0.0000
LOWRL	10:00	0.1187	0.0163	0.0130	0.2617	0.0572
MRL	10:14	0.421/.5	0.050	0.048	0.969	0.210
MBLANK	10:28	0.0000	0.0000	0.0000	0.0000	0.0000
LCS	10:41	25.9/25	0.977	2.50	51.8	11.0
LCSD	10:55	26.0/25	0.998	2.50	52.0	11.0
2801040197_1/2	11:09	24.04	0.0000	6.084	34.75	26.77
2801070179_1/2	11:22	23.99	0.0000	6.081	34.62	26.76
2801070333_1/2	11:36	25.45	0.0000	0.0751	248.4	0.3302
2801080639	13:14	25.54	0.0000	4.747	33.51	20.89
2801080639MS	13:28	52.13	0.8836	7.293	84.60	32.09
2801080639MSD	13:42	52.12	0.8807	7.294	84.57	32.09
2801080640_1/2	13:55	25.05	0.0000	4.549	32.71	20.02
2801080540_1/50	14:09	%2014.0	0.0000	12.98	%1569.3	57.10
2801080538_1/50	14:22	%2279.7	0.0000	0.0000	%1566.7	0.0000
2801080382_1/2	14:36	54.66	0.0000	0.0000	48.45	0.0000
2801080659_1/2	14:50	42.91	0.0000	0.0402	53.29	0.1767
2801080663_1/2	15:03	52.81	0.0000	0.0000	58.81	0.0000
MCV	15:17	20.7/20	2.00	2.03	40.9	8.95
CCB	15:31	0.0000	0.0000	0.0000	0.0000	0.0000
2801080365	15:44	0.4609	0.0060	0.1248	0.1135	0.5490
2801080365MS	15:58	12.81	0.4947	1.353	25.42	5.954
2801080658	16:11	4.722	0.0000	0.9838	9.492	4.329
2801080661	16:25	4.712	0.0000	1.149	8.472	5.055
2801080350	16:39	17.98	0.0000	1.828	7.450	8.044
2801080574_1/5	16:52	83.91	0.0000	1.522	87.73	6.698
2801080575_1/5	17:06	87.73	0.0000	1.581	92.15	6.954
2801080576_1/5	17:20	93.93	0.0000	1.770	96.11	7.788
2801080577_1/5	17:33	134.8	0.0000	1.748	124.1	7.692
2801080578_1/5	17:47	120.7	0.0000	1.791	115.7	7.881
2801080579_1/5	18:00	228.1	0.0000	7.667	159.1	33.73
HCV2	18:14	77.2/80	8.30	8.20	157	36.1
HCV1	18:28	51.2/50	5.15	5.13	102	22.6

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Sample ID	Time	CL	NO2-N	NO3	SO4	NO3A
CCB	18:41	0.0000	0.0000	0.0000	0.0000	0.0000
LOWRL	18:55	0.1205	0.0150	0.0137	0.2555	0.0602
MRL	19:09	0.427/.5	0.053	0.050	0.978	0.219
MBLANK	19:22	0.0000	0.0000	0.0000	0.0000	0.0000
LCS	19:36	25.8/25	0.984	2.49	51.5	10.9
LCSD	19:50	26.2/25	1.01	2.53	52.4	11.1
2801080584	20:03	127.7	0.0000	12.98	185.9	57.13
2801080584MS	20:17	148.7	1.046	15.44	233.7	67.91
2801080584MSD	20:30	147.9	1.043	15.33	232.2	67.46
2801080585_1/2	20:44	121.1	0.0000	15.19	191.4	66.82
2801080586_1/2	20:58	90.78	0.0000	12.98	134.1	57.11
2801080587_1/2	21:11	115.7	0.0000	14.32	167.8	62.99
2801080717_1/2	21:25	35.80	0.0000	8.744	69.35	38.48
2801080718_1/2	21:39	27.67	0.0000	8.368	58.24	36.82
2801080711_1/2	21:52	18.42	0.0000	4.662	49.42	20.51
2801080719_1/2	22:06	28.46	0.0000	6.363	55.31	28.00
2801080720_1/2	22:19	30.14	0.0000	7.152	58.20	31.47
2801080721_1/2	22:33	33.66	0.0000	8.630	62.75	37.97
MCV	22:47	20.5/20	2.02	2.01	40.8	8.86
CCB	23:00	0.0000	0.0000	0.0000	0.0000	0.0000
2801080722_1/2	23:14	33.35	0.0000	8.526	62.23	37.52
2801080294	23:28	34.11	0.0000	5.661	68.59	24.91
2801080294MS	23:41	59.37	0.9396	8.021	117.9	35.29
2801080295_1/2	23:55	33.57	0.0000	5.572	69.12	24.51
2801080296_1/2	00:09	32.63	0.0000	5.605	68.77	24.66
2801080297_1/2	00:22	32.88	0.0000	5.554	71.19	24.44
2801080298_1/2	00:36	33.84	0.0000	5.629	68.04	24.77
2801080299_1/2	00:49	32.74	0.0000	5.557	71.64	24.45
2801080300_1/2	01:03	32.53	0.0000	5.569	69.39	24.50
2801080302_1/2	01:17	32.45	0.0000	5.489	70.44	24.15
2801080421_1/2	01:30	16.09	0.0000	5.356	92.14	23.57
HCV2	01:44	75.9/80	8.25	8.03	154	35.3
HCV1	01:58	51.9/50	5.15	5.21	103	22.9
CCB	02:11	0.0145	0.0000	0.0000	0.0169	0.0000
LOWRL	02:25	0.1225	0.0162	0.0142	0.2588	0.0625
MRL	02:38	0.430/.5	0.051	0.049	0.989	0.215
MBLANK	02:52	0.0000	0.0000	0.0000	0.0000	0.0000
LCS	03:06	26.1/25	0.991	2.51	52.1	11.1
LCSD	03:19	26.3/25	1.02	2.53	52.6	11.1
2801080425	03:33	33.24	0.0000	5.538	66.76	24.37
2801080425MS	03:47	61.09	0.9689	8.269	120.4	36.39
2801080425MSD	04:00	60.30	0.9402	8.134	119.3	35.79
2801080426_1/2	04:14	23.81	0.0000	5.277	71.11	23.22
2801080428_1/2	04:28	14.01	0.0000	4.146	61.24	18.24
2801080429_1/2	04:41	51.21	0.0000	6.401	64.52	28.16
2801080523_1/2	04:55	17.49	0.0000	6.297	78.76	27.71
2801080525_1/2	05:08	15.84	0.0000	6.270	78.90	27.59
2801080529_1/2	05:22	15.61	0.0000	6.209	78.10	27.32
2801080530_1/2	05:36	15.80	0.0000	6.254	78.84	27.52
2801080531_1/2	05:49	15.73	0.0000	6.239	78.45	27.45

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Sample ID	Time	CL	NO2-N	NO3	SO4	NO3A
2801080532_1/2	06:03	17.53	0.0225	6.852	71.90	30.15
MCV	06:17	0.575(20)	0.000	0.247	2.59	1.09
CCB	06:30	0.0305	0.0000	0.0126	0.1363	0.0556
2801080533	06:44	16.33	0.1262	6.384	89.79	28.09
2801080533MS	06:58	43.26	1.107	8.922	141.8	39.25
2801080534_1/2	07:11	15.80	0.0000	6.234	80.69	27.43
2801080535_1/2	07:25	15.82	0.0000	6.297	78.69	27.71
2801080527 _1/2	07:38	14.03	0.0000	6.584	45.89	28.97
2801080539_1/2	07:52	16.20	0.0000	9.756	49.91	42.93
2801080412_1/2	08:06	30.55	0.0000	2.504	38.77	11.02
2801080413_1/2	08:19	32.27	0.0000	1.830	43.23	8.051
HCV2	08:33	77.5/80	8.41	8.28	158	36.4
HCV1	08:47	53.0/50	5.23	5.37	106	23.6
CCB	09:00	0.0138	0.0000	0.0000	0.0193	0.0000
		N/A	N/A	N/A	N/A	N/A

No.,	Sample Name,	Time,	Dil.Fac.,	Amount, CL, ECD_1,	Amount, NO2-N, ECD_1,	Amount, NO3, ECD_1,	Amount , SO4, ECD_1,
1,	WASH,	01/04/08 09:07,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
2,	autocal1,	01/04/08 09:21,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
3,	autocal2,	01/04/08 09:34,	1.0,	0.107547942,	0.011430467,	0.010655,	0.24881756,
4,	autocal3,	01/04/08 09:48,	1.0,	0.23397946,	0.027262462,	0.0224638,	0.48135696,
5,	autocal4,	01/04/08 10:02,	1.0,	0.408844561,	0.047200236,	0.0442249,	0.93243393,
6,	autocal5,	01/04/08 10:15,	1.0,	0.800258309,	0.095201746,	0.091029,	1.83320606,
7,	autocal6,	01/04/08 10:29,	1.0,	1.662927571,	0.186991329,	0.187706,	3.75746487,
8,	autocal7,	01/04/08 10:42,	1.0,	4.447205335,	0.478618311,	0.4802628,	9.66859928,
9,	autocal8,	01/04/08 10:56,	1.0,	9.596503686,	0.959712141,	0.9829448,	19.7908096,
10,	autocal9,	01/04/08 11:10,	1.0,	25.4550319,	2.463440098,	2.478237,	50.2648578,
11,	autocal10,	01/04/08 11:23,	1.0,	49.92048475,	5.04374739,	5.0251277,	99.9530282,
12,	autocal11,	01/04/08 11:37,	1.0,	90.46139537,	9.992487524,	9.9957775,	186.530586,
13,	20 ppm NO3,	01/08/08 08:52,	1.0,	158.8380039,	n.a.,	19.402206,	335.780114,
14,	HCV2,	01/08/08 09:06,	1.0,	75.58255473,	8.167589618,	7.97511,	153.645822,
15,	HCV1,	01/08/08 09:20,	1.0,	51.27494226,	5.171980314,	5.1332374,	102.110049,
16,	MCV,	01/08/08 09:33,	1.0,	20.37389574,	1.998344993,	2.0009291,	40.4683357,
17,	CCB,	01/08/08 09:47,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
18,	LOWRL,	01/08/08 10:00,	1.0,	0.11869198,	0.016334118,	0.0129954,	0.26174705,
19,	MRL,	01/08/08 10:14,	1.0,	0.421161692,	0.050360207,	0.0478402,	0.9685908,
20,	MBLANK,	01/08/08 10:28,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
21,	LCS,	01/08/08 10:41,	1.0,	25.90483303,	0.976623615,	2.4955978,	51.7648907,
22,	LCSD,	01/08/08 10:55,	1.0,	25.9640075,	0.998296386,	2.5018681,	51.9538296,
23,	2801040197_1/2,	01/08/08 11:09,	2.0,	24.04294639,	n.a.,	6.0841592,	34.7469521,
24,	2801070179_1/2,	01/08/08 11:22,	2.0,	23.98584385,	n.a.,	6.0809829,	34.6165601,
25,	2801070333_1/2,	01/08/08 11:36,	2.0,	25.45118302,	n.a.,	0.0750534,	248.432485,
26,	2801080639,	01/08/08 13:14,	2.0,	25.54293699,	n.a.,	4.747418,	33.5098744,
27,	2801080639MS,	01/08/08 13:28,	2.0,	52.13004717,	0.883576909,	7.2929254,	84.6028296,
28,	2801080639MSD,	01/08/08 13:42,	2.0,	52.12002242,	0.880686937,	7.2936225,	84.5718953,
29,	2801080640_1/2,	01/08/08 13:55,	2.0,	25.04675659,	n.a.,	4.5492161,	32.7059585,
30,	2801080540_1/50,	01/08/08 14:09,	50.0,	2013.989537,	n.a.,	12.977937,	1569.24963,
31,	2801080538_1/50,	01/08/08 14:22,	50.0,	2279.670455,	n.a.,	n.a.,	1566.73093,
32,	2801080382_1/2,	01/08/08 14:36,	2.0,	54.65636424,	n.a.,	n.a.,	48.4547399,
33,	2801080659_1/2,	01/08/08 14:50,	2.0,	42.91345293,	n.a.,	0.040158,	53.2934804,
34,	2801080663_1/2,	01/08/08 15:03,	2.0,	52.81422278,	n.a.,	n.a.,	58.8086376,
35,	MCV,	01/08/08 15:17,	1.0,	20.70897358,	2.00220766,	2.0337338,	40.9349622,
36,	CCB,	01/08/08 15:31,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
37,	2801080365,	01/08/08 15:44,	1.0,	0.460869044,	0.006025363,	0.1247709,	0.11350424,
38,	2801080365MS,	01/08/08 15:58,	1.0,	12.81261028,	0.494733071,	1.3531772,	25.4215966,
39,	2801080658,	01/08/08 16:11,	1.0,	4.72191224,	n.a.,	0.9837892,	9.49174819,
40,	2801080661,	01/08/08 16:25,	1.0,	4.711847514,	n.a.,	1.1488518,	8.47212118,
41,	2801080350,	01/08/08 16:39,	1.0,	17.97958633,	n.a.,	1.8282015,	7.4497097,
42,	2801080574_1/5,	01/08/08 16:52,	5.0,	83.90568766,	n.a.,	1.5223792,	87.7256534,
43,	2801080575_1/5,	01/08/08 17:06,	5.0,	87.72589409,	n.a.,	1.5805442,	92.1501566,
44,	2801080576_1/5,	01/08/08 17:20,	5.0,	93.93030389,	n.a.,	1.7700705,	96.1147204,

45,	2801080577_1/5,	01/08/08 17:33,	5.0,	134.7886725,	n.a.,	1.7481393,	124.100737,
46,	2801080578_1/5,	01/08/08 17:47,	5.0,	120.7487387,	n.a.,	1.7911267,	115.716846,
47,	2801080579_1/5,	01/08/08 18:00,	5.0,	228.1484268,	n.a.,	7.6667348,	159.074015,
48,	HCV2,	01/08/08 18:14,	1.0,	77.21911915,	8.30246559,	8.2009787,	156.513522,
49,	HCV1,	01/08/08 18:28,	1.0,	51.2001737,	5.15208137,	5.127458,	101.921421,
50,	CCB,	01/08/08 18:41,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
51,	LOWRL,	01/08/08 18:55,	1.0,	0.120483014,	0.01495139,	0.0136835,	0.25548241,
52,	MRL,	01/08/08 19:09,	1.0,	0.42697921,	0.053058708,	0.0496981,	0.97809636,
53,	MBLANK,	01/08/08 19:22,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
54,	LCS,	01/08/08 19:36,	1.0,	25.75233158,	0.983766428,	2.4851284,	51.5051539,
55,	LCSD,	01/08/08 19:50,	1.0,	26.19738997,	1.008322194,	2.525747,	52.4024856,
56,	2801080584,	01/08/08 20:03,	2.0,	127.7294495,	n.a.,	12.984302,	185.867185,
57,	2801080584MS,	01/08/08 20:17,	2.0,	148.6770761,	1.046384508,	15.435184,	233.711847,
58,	2801080584MSD,	01/08/08 20:30,	2.0,	147.9425903,	1.042524553,	15.332916,	232.242669,
59,	2801080585_1/2,	01/08/08 20:44,	2.0,	121.1414348,	n.a.,	15.18727,	191.371524,
60,	2801080586_1/2,	01/08/08 20:58,	2.0,	90.78221705,	n.a.,	12.979106,	134.124051,
61,	2801080587_1/2,	01/08/08 21:11,	2.0,	115.6540792,	n.a.,	14.316242,	167.759781,
62,	2801080717_1/2,	01/08/08 21:25,	2.0,	35.80044428,	n.a.,	8.7443699,	69.3536042,
63,	2801080718_1/2,	01/08/08 21:39,	2.0,	27.67457579,	n.a.,	8.3678871,	58.2391305,
64,	2801080711_1/2,	01/08/08 21:52,	2.0,	18.41713022,	n.a.,	4.6620358,	49.4228774,
65,	2801080719_1/2,	01/08/08 22:06,	2.0,	28.4562076,	n.a.,	6.3631431,	55.3078165,
66,	2801080720_1/2,	01/08/08 22:19,	2.0,	30.14411304,	n.a.,	7.1520407,	58.1997457,
67,	2801080721_1/2,	01/08/08 22:33,	2.0,	33.65930997,	n.a.,	8.6301183,	62.7501791,
68,	MCV,	01/08/08 22:47,	1.0,	20.52080347,	2.019254995,	2.0135197,	40.801298,
69,	CCB,	01/08/08 23:00,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
70,	2801080722_1/2,	01/08/08 23:14,	2.0,	33.35225537,	n.a.,	8.5261451,	62.2271029,
71,	2801080294,	01/08/08 23:28,	2.0,	34.11099936,	n.a.,	5.661349,	68.589472,
72,	2801080294MS,	01/08/08 23:41,	2.0,	59.36773229,	0.939583269,	8.0210774,	117.931663,
73,	2801080295_1/2,	01/08/08 23:55,	2.0,	33.56607803,	n.a.,	5.5715452,	69.1176593,
74,	2801080296_1/2,	01/09/08 00:09,	2.0,	32.63322623,	n.a.,	5.604593,	68.7670096,
75,	2801080297_1/2,	01/09/08 00:22,	2.0,	32.87875384,	n.a.,	5.5541617,	71.1949452,
76,	2801080298_1/2,	01/09/08 00:36,	2.0,	33.83665591,	n.a.,	5.6286813,	68.0388989,
77,	2801080299_1/2,	01/09/08 00:49,	2.0,	32.73679336,	n.a.,	5.5565013,	71.6350147,
78,	2801080300_1/2,	01/09/08 01:03,	2.0,	32.53197549,	n.a.,	5.5686214,	69.3880255,
79,	2801080302_1/2,	01/09/08 01:17,	2.0,	32.44831034,	n.a.,	5.4890598,	70.440438,
80,	2801080421_1/2,	01/09/08 01:30,	2.0,	16.09199191,	n.a.,	5.3560212,	92.137578,
81,	HCV2,	01/09/08 01:44,	1.0,	75.93068358,	8.251494645,	8.0313294,	154.127039,
82,	HCV1,	01/09/08 01:58,	1.0,	51.86170154,	5.148593228,	5.2095258,	103.164681,
83,	CCB,	01/09/08 02:11,	1.0,	0.014498982,	n.a.,	n.a.,	0.016927,
84,	LOWRL,	01/09/08 02:25,	1.0,	0.122454912,	0.016227373,	0.0142138,	0.25877931,
85,	MRL,	01/09/08 02:38,	1.0,	0.430064639,	0.051357545,	0.0488813,	0.98866856,
86,	MBLANK,	01/09/08 02:52,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
87,	LCS,	01/09/08 03:06,	1.0,	26.11092768,	0.991049145,	2.5131656,	52.093166,
88,	LCSD,	01/09/08 03:19,	1.0,	26.27023831,	1.015942598,	2.5300521,	52.5733142,
89,	2801080425,	01/09/08 03:33,	2.0,	33.23920804,	n.a.,	5.5384135,	66.7573545,
90,	2801080425MS,	01/09/08 03:47,	2.0,	61.08569998,	0.96891536,	8.269474,	120.36613,
91,	2801080425MSD,	01/09/08 04:00,	2.0,	60.30033492,	0.940159711,	8.1342821,	119.254486,
92,	2801080426_1/2,	01/09/08 04:14,	2.0,	23.81498006,	n.a.,	5.2774761,	71.1083103,

93,	2801080428_1/2,	01/09/08 04:28,	2.0,	14.01359669,	n.a.,	4.146227,	61.2350775,
94,	2801080429_1/2,	01/09/08 04:41,	2.0,	51.20545766,	n.a.,	6.4010579,	64.5214946,
95,	2801080523_1/2,	01/09/08 04:55,	2.0,	17.48725249,	n.a.,	6.2971762,	78.761759,
96,	2801080525_1/2,	01/09/08 05:08,	2.0,	15.83837798,	n.a.,	6.2699715,	78.8952834,
97,	2801080529_1/2,	01/09/08 05:22,	2.0,	15.61307505,	n.a.,	6.2085934,	78.1034804,
98,	2801080530_1/2,	01/09/08 05:36,	2.0,	15.80016558,	n.a.,	6.2544135,	78.8439295,
99,	2801080531_1/2,	01/09/08 05:49,	2.0,	15.72714605,	n.a.,	6.2390526,	78.4528199,
100,	2801080532_1/2,	01/09/08 06:03,	2.0,	17.53365525,	0.022456579,	6.852092,	71.895632,
101,	MCV,	01/09/08 06:17,	1.0,	0.574665071,	n.a.,	0.2474508,	2.58672366,
102,	CCB,	01/09/08 06:30,	1.0,	0.030537616,	n.a.,	0.0126358,	0.13625444,
103,	2801080533,	01/09/08 06:44,	2.0,	16.3291258,	0.126173309,	6.3837114,	89.7889306,
104,	2801080533MS,	01/09/08 06:58,	2.0,	43.25869594,	1.107458457,	8.9215687,	141.770091,
105,	2801080534_1/2,	01/09/08 07:11,	2.0,	15.80441069,	n.a.,	6.2343045,	80.6859934,
106,	2801080535_1/2,	01/09/08 07:25,	2.0,	15.82265162,	n.a.,	6.2969968,	78.6875991,
107,	2801080527 _1/2,	01/09/08 07:38,	2.0,	14.02537588,	n.a.,	6.5842767,	45.8889356,
108,	2801080539_1/2,	01/09/08 07:52,	2.0,	16.1995099,	n.a.,	9.755972,	49.9074283,
109,	2801080412_1/2,	01/09/08 08:06,	2.0,	30.54940363,	n.a.,	2.5036734,	38.7738573,
110,	2801080413_1/2,	01/09/08 08:19,	2.0,	32.27186518,	n.a.,	1.8297557,	43.2279481,
111,	HCV2,	01/09/08 08:33,	1.0,	77.52089214,	8.413174907,	8.2834444,	158.369053,
112,	HCV1,	01/09/08 08:47,	1.0,	53.03768973,	5.231346198,	5.3664774,	106.48902,
113,	CCB,	01/09/08 09:00,	1.0,	0.013799333,	n.a.,	n.a.,	0.01927002,
114,	STOP,	01/09/08 09:14,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,

jkz

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n.a.,

Title: Anion by EPA 300.0
Datasource: Dionex_USPAS2SDIO2
Location: IC\IC3_DX120_Anions\2008
Timebase: IC3
#Samples: 114
Created: 1/8/2008 8:51:27 AM by jkz
Last Update: 1/9/2008 9:57:11 AM by jkz

No.	Name	Sample ID	Dil. Factor	Type	Program	Method
1	WASH		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
2	autocal1		1.0000	Standard	IC#3-ANION TTL2	ANION-IC#3
3	autocal2		1.0000	Standard	IC#3-ANION TTL2	ANION-IC#3
4	autocal3		1.0000	Standard	IC#3-ANION TTL2	ANION-IC#3
5	autocal4		1.0000	Standard	IC#3-ANION TTL2	ANION-IC#3
6	autocal5		1.0000	Standard	IC#3-ANION TTL2	ANION-IC#3
7	autocal6		1.0000	Standard	IC#3-ANION TTL2	ANION-IC#3
8	autocal7		1.0000	Standard	IC#3-ANION TTL2	ANION-IC#3
9	autocal8		1.0000	Standard	IC#3-ANION TTL2	ANION-IC#3
10	autocal9		1.0000	Standard	IC#3-ANION TTL2	ANION-IC#3
11	autocal10		1.0000	Standard	IC#3-ANION TTL2	ANION-IC#3
12	autocal11		1.0000	Standard	IC#3-ANION TTL2	ANION-IC#3
13	20 ppm NO3	linearity check	1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
14	HCV2		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
15	HCV1		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
16	MCV		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
17	CCB		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
18	LOWRL		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
19	MRL		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
20	MBLANK		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
21	LCS		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
22	LCSD		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
23	2801040197_1/2	CL-STETSON-PORT 30	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
24	2801070179_1/2	CL-STETSON-PORT 30	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
25	2801070333_1/2	CL&SO4-RIVCOCAMP	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
26	2801080639	MONR-WELLS BL_1/2	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
27	2801080639MS	MONR-WELLS BL_1/2	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
28	2801080639MSD	MONR-WELLS BL_1/2	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
29	2801080640_1/2	MONR-CITY HALL	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
30	2801080540_1/50	KERR-INFLUENT	50.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
31	2801080538_1/50	KERR-EFFLUENT	50.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
32	2801080382_1/2	COKE-TRUESDALE W#1	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
33	2801080659_1/2	COKE-TRUESDALE W#2	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
34	2801080663_1/2	COKE-TRUESDALE W#3	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
35	MCV		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
36	CCB		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
37	2801080365	COKE-RO PERMEATE	1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
38	2801080365MS	COKE-RO PERMEATE	1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
39	2801080658	COKE-GINNIE BH#1	1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
40	2801080661	COKE-GINNIE BH#2	1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
41	2801080350	COKE-BIG SPRING	1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
42	2801080574_1/5	TRACY-R-001	5.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3

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Title: Anion by EPA 300.0
Datasource: Dionex_USPAS2SDIO2
Location: IC\IC3_DX120_Anions\2008
Timebase: IC3
#Samples: 114
Created: 1/8/2008 8:51:27 AM by jkz
Last Update: 1/9/2008 9:57:11 AM by jkz

No.	Name	Status	Comment	Inj. Date/Time	*Analyst	*operator	*Spike
1	WASH	Finished		1/4/2008 9:07:29 AM	jkz	jkz	
2	autocal1	Finished		1/4/2008 9:21:07 AM	jkz	jkz	
3	autocal2	Finished	JKZ080103-1	1/4/2008 9:34:45 AM	jkz	jkz	
4	autocal3	Finished	JKZ080103-2	1/4/2008 9:48:22 AM	jkz	jkz	
5	autocal4	Finished	JKZ080103-3	1/4/2008 10:02:00 AM	jkz	jkz	
6	autocal5	Finished	JKZ080103-4	1/4/2008 10:15:38 AM	jkz	jkz	
7	autocal6	Finished	JKZ080103-5	1/4/2008 10:29:16 AM	jkz	jkz	
8	autocal7	Finished	JKZ080103-6	1/4/2008 10:42:53 AM	jkz	jkz	
9	autocal8	Finished	JKZ080103-7	1/4/2008 10:56:31 AM	jkz	jkz	
10	autocal9	Finished	JKZ080103-8	1/4/2008 11:10:09 AM	jkz	jkz	
11	autocal10	Finished	JKZ080103-9	1/4/2008 11:23:47 AM	jkz	jkz	
12	autocal11	Finished	JKZ080103-10	1/4/2008 11:37:23 AM	jkz	jkz	
13	20 ppm NO3	Finished		1/8/2008 8:52:44 AM	jkz	jkz	
14	HCV2	Finished		1/8/2008 9:06:22 AM	jkz	jkz	
15	HCV1	Finished		1/8/2008 9:20:00 AM	jkz	jkz	
16	MCV	Finished		1/8/2008 9:33:37 AM	jkz	jkz	
17	CCB	Finished		1/8/2008 9:47:15 AM	jkz	jkz	
18	LOWRL	Finished		1/8/2008 10:00:53 AM	jkz	jkz	
19	MRL	Finished		1/8/2008 10:14:32 AM	jkz	jkz	
20	MBLANK	Finished		1/8/2008 10:28:11 AM	jkz	jkz	
21	LCS	Finished		1/8/2008 10:41:50 AM	jkz	jkz	
22	LCSD	Finished		1/8/2008 10:55:28 AM	jkz	jkz	
23	2801040197_1/2	Finished		1/8/2008 11:09:06 AM	jkz	jkz	
24	2801070179_1/2	Finished		1/8/2008 11:22:43 AM	jkz	jkz	
25	2801070333_1/2	Finished		1/8/2008 11:36:21 AM	jkz	jkz	
26	2801080639	Finished		1/8/2008 1:14:44 PM	jkz	jkz	
27	2801080639MS	Finished		1/8/2008 1:28:21 PM	jkz	jkz	
28	2801080639MSD	Finished		1/8/2008 1:42:00 PM	jkz	jkz	
29	2801080640_1/2	Finished		1/8/2008 1:55:38 PM	jkz	jkz	
30	2801080540_1/50	Finished		1/8/2008 2:09:16 PM	jkz	jkz	
31	2801080538_1/50	Finished		1/8/2008 2:22:54 PM	jkz	jkz	
32	2801080382_1/2	Finished		1/8/2008 2:36:32 PM	jkz	jkz	
33	2801080659_1/2	Finished		1/8/2008 2:50:09 PM	jkz	jkz	
34	2801080663_1/2	Finished		1/8/2008 3:03:47 PM	jkz	jkz	
35	MCV	Finished		1/8/2008 3:17:25 PM	jkz	jkz	
36	CCB	Finished		1/8/2008 3:31:03 PM	jkz	jkz	
37	2801080365	Finished		1/8/2008 3:44:41 PM	jkz	jkz	
38	2801080365MS	Finished		1/8/2008 3:58:18 PM	jkz	jkz	
39	2801080658	Finished		1/8/2008 4:11:56 PM	jkz	jkz	
40	2801080661	Finished		1/8/2008 4:25:34 PM	jkz	jkz	
41	2801080350	Finished		1/8/2008 4:39:11 PM	jkz	jkz	
42	2801080574_1/5	Finished		1/8/2008 4:52:49 PM	jkz	jkz	

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Title: Anion by EPA 300.0
Datasource: Dionex_USPAS2SDIO2
Location: IC\IC3_DX120_Anions\2008
Timebase: IC3
#Samples: 114
Created: 1/8/2008 8:51:27 AM by jkz
Last Update: 1/9/2008 9:57:11 AM by jkz

No.	Name	Sample ID	Dil. Factor	Type	Program	Method
43	2801080575_1/5	TRACY-R-002	5.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
44	2801080576_1/5	TRACY-R-003	5.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
45	2801080577_1/5	TRACY-R-005	5.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
46	2801080578_1/5	TRACY-R-006	5.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
47	2801080579_1/5	TRACY-M-001	5.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
48	HCV2		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
49	HCV1		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
50	CCB		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
51	LOWRL		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
52	MRL		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
53	MBLANK		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
54	LCS		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
55	LCSD		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
56	2801080584	VALLEYWATER-WELL# 1_1/2	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
57	2801080584MS	VALLEYWATER-WELL# 1_1/2	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
58	2801080584MSD	VALLEYWATER-WELL# 1_1/2	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
59	2801080585_1/2	VALLEYWATER-WELL# 2	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
60	2801080586_1/2	VALLEYWATER-WELL# 3	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
61	2801080587_1/2	VALLEYWATER-WELL# 4	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
62	2801080717_1/2	SNFND-WELL 3	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
63	2801080718_1/2	SNFND-WELL 2A	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
64	2801080711_1/2	SNFND-WELL 4A	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
65	2801080719_1/2	SNFND-RESERVOIR 2	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
66	2801080720_1/2	SNFND-RESERVOIR 5	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
67	2801080721_1/2	SNFND-2058 EIGHT ST	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
68	MCV		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
69	CCB		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
70	2801080722_1/2	SNFND-457 FAYECROFT	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
71	2801080294	RIV-EMTMAN RSVR_1/2	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
72	2801080294MS	RIV-EMTMAN RSVR_1/2	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
73	2801080295_1/2	RIV-PIEDMONT RSVR	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
74	2801080296_1/2	RIV-ALESSANDRO RSVR	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
75	2801080297_1/2	RIV-CAMBELL RSVR	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
76	2801080298_1/2	RIV-UNIVERSITY CITY RSVR	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
77	2801080299_1/2	RIV-ROSS RESERVOIR	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
78	2801080300_1/2	RIV-HEUSTIS RESERVOIR	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
79	2801080302_1/2	RIV-CREST BOOSTER	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
80	2801080421_1/2	RIV-RAUB 5	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
81	HCV2		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
82	HCV1		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
83	CCB		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
84	LOWRL		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3

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Title: Anion by EPA 300.0
Datasource: Dionex_USPAS2SDIO2
Location: IC\IC3_DX120_Anions\2008
Timebase: IC3
#Samples: 114
Created: 1/8/2008 8:51:27 AM by jkz
Last Update: 1/9/2008 9:57:11 AM by jkz

No.	Name	Status	Comment	Inj. Date/Time	*Analyst	*operator	*Spike
43	2801080575_1/5	Finished		1/8/2008 5:06:27 PM	jkz	jkz	
44	2801080576_1/5	Finished		1/8/2008 5:20:05 PM	jkz	jkz	
45	2801080577_1/5	Finished		1/8/2008 5:33:43 PM	jkz	jkz	
46	2801080578_1/5	Finished		1/8/2008 5:47:21 PM	jkz	jkz	
47	2801080579_1/5	Finished		1/8/2008 6:00:59 PM	jkz	jkz	
48	HCV2	Finished		1/8/2008 6:14:36 PM	jkz	jkz	
49	HCV1	Finished		1/8/2008 6:28:14 PM	jkz	jkz	
50	CCB	Finished		1/8/2008 6:41:52 PM	jkz	jkz	
51	LOWRL	Finished		1/8/2008 6:55:30 PM	jkz	jkz	
52	MRL	Finished		1/8/2008 7:09:08 PM	jkz	jkz	
53	MBLANK	Finished		1/8/2008 7:22:47 PM	jkz	jkz	
54	LCS	Finished		1/8/2008 7:36:25 PM	jkz	jkz	
55	LCSD	Finished		1/8/2008 7:50:02 PM	jkz	jkz	
56	2801080584	Finished		1/8/2008 8:03:40 PM	jkz	jkz	
57	2801080584MS	Finished		1/8/2008 8:17:18 PM	jkz	jkz	
58	2801080584MSD	Finished		1/8/2008 8:30:56 PM	jkz	jkz	
59	2801080585_1/2	Finished		1/8/2008 8:44:33 PM	jkz	jkz	
60	2801080586_1/2	Finished		1/8/2008 8:58:11 PM	jkz	jkz	
61	2801080587_1/2	Finished		1/8/2008 9:11:50 PM	jkz	jkz	
62	2801080717_1/2	Finished		1/8/2008 9:25:28 PM	jkz	jkz	
63	2801080718_1/2	Finished		1/8/2008 9:39:06 PM	jkz	jkz	
64	2801080711_1/2	Finished		1/8/2008 9:52:43 PM	jkz	jkz	
65	2801080719_1/2	Finished		1/8/2008 10:06:22 PM	jkz	jkz	
66	2801080720_1/2	Finished		1/8/2008 10:19:59 PM	jkz	jkz	
67	2801080721_1/2	Finished		1/8/2008 10:33:37 PM	jkz	jkz	
68	MCV	Finished		1/8/2008 10:47:15 PM	jkz	jkz	
69	CCB	Finished		1/8/2008 11:00:53 PM	jkz	jkz	
70	2801080722_1/2	Finished		1/8/2008 11:14:30 PM	jkz	jkz	
71	2801080294	Finished		1/8/2008 11:28:08 PM	jkz	jkz	
72	2801080294MS	Finished		1/8/2008 11:41:47 PM	jkz	jkz	
73	2801080295_1/2	Finished		1/8/2008 11:55:25 PM	jkz	jkz	
74	2801080296_1/2	Finished		1/9/2008 12:09:03 AM	jkz	jkz	
75	2801080297_1/2	Finished		1/9/2008 12:22:41 AM	jkz	jkz	
76	2801080298_1/2	Finished		1/9/2008 12:36:19 AM	jkz	jkz	
77	2801080299_1/2	Finished		1/9/2008 12:49:56 AM	jkz	jkz	
78	2801080300_1/2	Finished		1/9/2008 1:03:34 AM	jkz	jkz	
79	2801080302_1/2	Finished		1/9/2008 1:17:11 AM	jkz	jkz	
80	2801080421_1/2	Finished		1/9/2008 1:30:49 AM	jkz	jkz	
81	HCV2	Finished		1/9/2008 1:44:27 AM	jkz	jkz	
82	HCV1	Finished		1/9/2008 1:58:05 AM	jkz	jkz	
83	CCB	Finished		1/9/2008 2:11:43 AM	jkz	jkz	
84	LOWRL	Finished		1/9/2008 2:25:20 AM	jkz	jkz	

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Title: Anion by EPA 300.0
Datasource: Dionex_USPAS2SDIO2
Location: IC\IC3_DX120_Anions\2008
Timebase: IC3
#Samples: 114
Created: 1/8/2008 8:51:27 AM by jkz
Last Update: 1/9/2008 9:57:11 AM by jkz

No.	Name	Sample ID	Dil. Factor	Type	Program	Method
85	MRL		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
86	MBLANK		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
87	LCS		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
88	LCSD		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
89	2801080425	RIV-7TH AND CHICAGO_1/2	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
90	2801080425MS	RIV-7TH AND CHICAGO_1/2	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
91	2801080425MSD	RIV-7TH AND CHICAGO_1/2	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
92	2801080426_1/2	RIV-GAGE AND DELIVERY	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
93	2801080428_1/2	RIV-HUNTS LANE SAMPLER	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
94	2801080429_1/2	RIV-N. ORANGE FIRE STATION	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
95	2801080523_1/2	RIV-EFFLUENT SP-8	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
96	2801080525_1/2	RIV-VESSEL A SP-6	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
97	2801080529_1/2	RIV-VESSEL B SP-6	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
98	2801080530_1/2	RIV-VESSEL C SP-6	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
99	2801080531_1/2	RIV-VESSEL D SP-6	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
100	2801080532_1/2	RIV-VESSEL E SP-6	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
101	MCV		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
102	CCB		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
103	2801080533	RIV-VESSEL F SP-6_1/2	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
104	2801080533MS	RIV-VESSEL F SP-6_1/2	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
105	2801080534_1/2	RIV-VESSEL G SP-6	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
106	2801080535_1/2	RIV-VESSEL H SP-6	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
107	2801080527 _1/2	SANBERN-SP 1M	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
108	2801080539_1/2	SANBERN-SP 2M	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
109	2801080412_1/2	SANBERN-023	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
110	2801080413_1/2	SANBERN-024	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
111	HCV2		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
112	HCV1		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
113	CCB		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3
114	STOP		1.0000	Unknown	STOP JAN03	ANION-IC#3

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Title: Anion by EPA 300.0
Datasource: Dionex_USPAS2SDIO2
Location: IC\IC3_DX120_Anions\2008
Timebase: IC3
#Samples: 114
Created: 1/8/2008 8:51:27 AM by jkz
Last Update: 1/9/2008 9:57:11 AM by jkz

No.	Name	Status	Comment	Inj. Date/Time	*Analyst	*operator	*Spike
85	MRL	Finished		1/9/2008 2:38:58 AM	jkz	jkz	
86	MBLANK	Finished		1/9/2008 2:52:36 AM	jkz	jkz	
87	LCS	Finished		1/9/2008 3:06:14 AM	jkz	jkz	
88	LCSD	Finished		1/9/2008 3:19:52 AM	jkz	jkz	
89	2801080425	Finished	DNR FROM HERE	1/9/2008 3:33:30 AM	jkz	jkz	
90	2801080425MS	Finished		1/9/2008 3:47:08 AM	jkz	jkz	
91	2801080425MSD	Finished		1/9/2008 4:00:45 AM	jkz	jkz	
92	2801080426_1/2	Finished		1/9/2008 4:14:23 AM	jkz	jkz	
93	2801080428_1/2	Finished		1/9/2008 4:28:01 AM	jkz	jkz	
94	2801080429_1/2	Finished		1/9/2008 4:41:40 AM	jkz	jkz	
95	2801080523_1/2	Finished		1/9/2008 4:55:19 AM	jkz	jkz	
96	2801080525_1/2	Finished		1/9/2008 5:08:57 AM	jkz	jkz	
97	2801080529_1/2	Finished		1/9/2008 5:22:35 AM	jkz	jkz	
98	2801080530_1/2	Finished		1/9/2008 5:36:13 AM	jkz	jkz	
99	2801080531_1/2	Finished		1/9/2008 5:49:51 AM	jkz	jkz	
100	2801080532_1/2	Finished		1/9/2008 6:03:29 AM	jkz	jkz	
101	MCV	Finished	failed	1/9/2008 6:17:07 AM	jkz	jkz	
102	CCB	Finished		1/9/2008 6:30:44 AM	jkz	jkz	
103	2801080533	Finished		1/9/2008 6:44:22 AM	jkz	jkz	
104	2801080533MS	Finished		1/9/2008 6:58:00 AM	jkz	jkz	
105	2801080534_1/2	Finished		1/9/2008 7:11:38 AM	jkz	jkz	
106	2801080535_1/2	Finished		1/9/2008 7:25:16 AM	jkz	jkz	
107	2801080527 _1/2	Finished		1/9/2008 7:38:54 AM	jkz	jkz	
108	2801080539_1/2	Finished		1/9/2008 7:52:32 AM	jkz	jkz	
109	2801080412_1/2	Finished		1/9/2008 8:06:10 AM	jkz	jkz	
110	2801080413_1/2	Finished		1/9/2008 8:19:48 AM	jkz	jkz	
111	HCV2	Finished		1/9/2008 8:33:26 AM	jkz	jkz	
112	HCV1	Finished		1/9/2008 8:47:04 AM	jkz	jkz	
113	CCB	Finished		1/9/2008 9:00:42 AM	jkz	jkz	
114	STOP	Finished		1/9/2008 9:14:19 AM	jkz	jkz	

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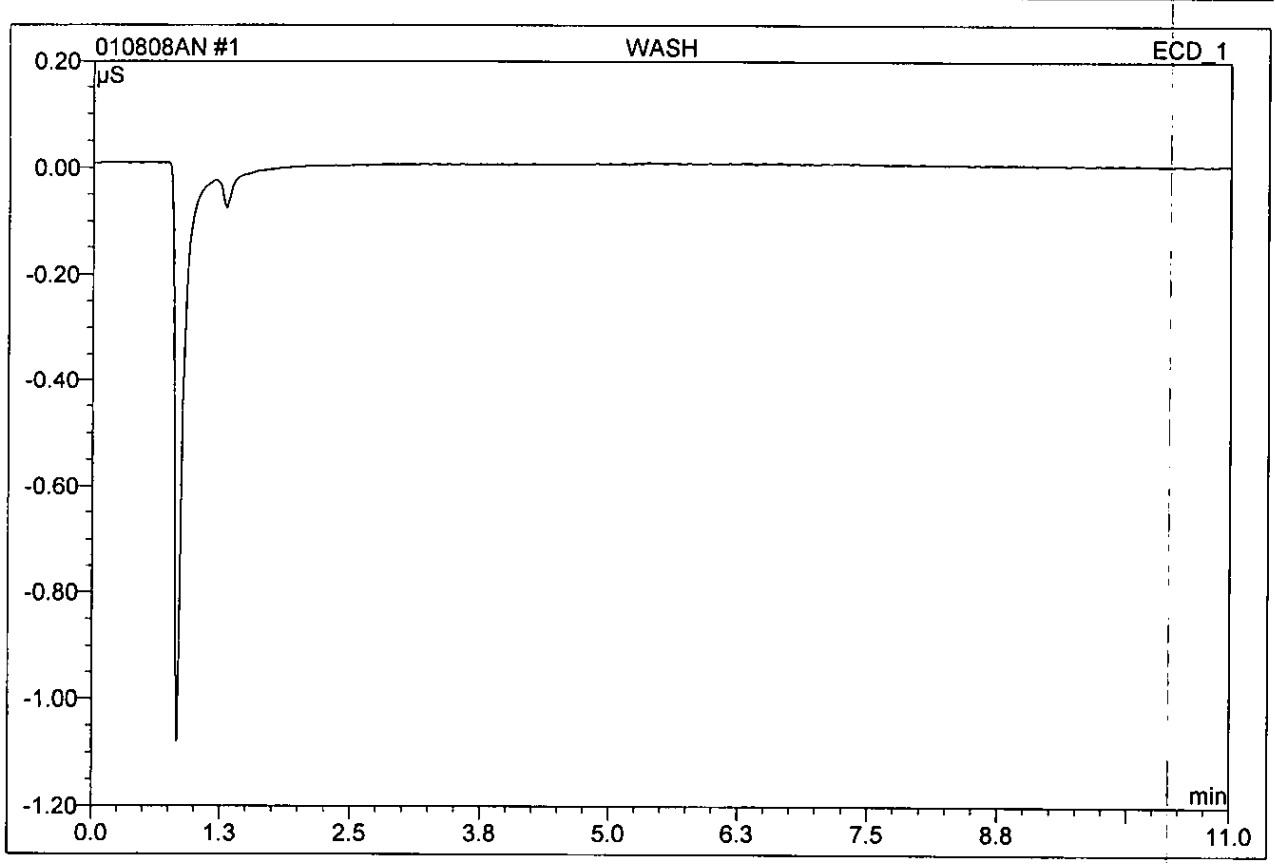
1 WASH

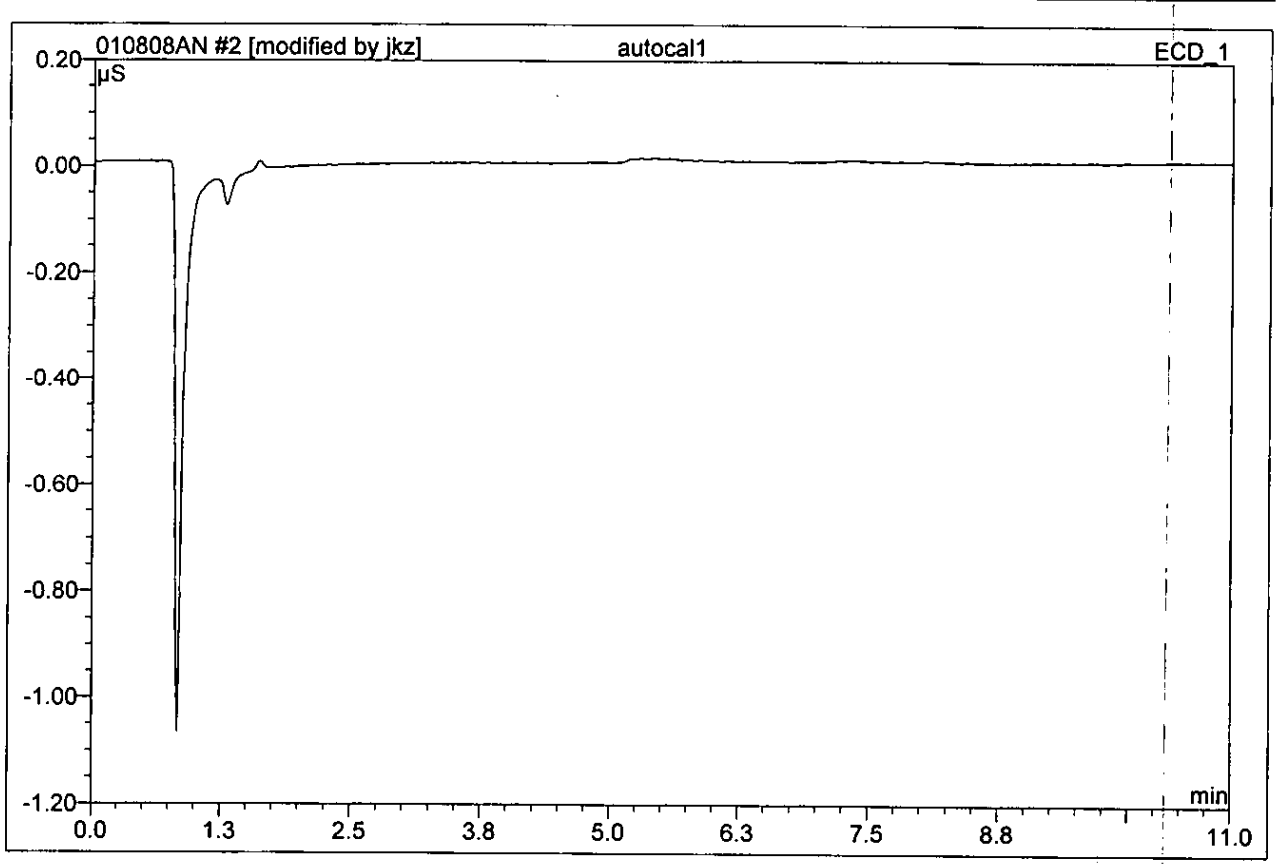
Sample Name:	**WASH**	*Injection Volume:*	**1000.0**
Vial Number:	**107**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/4/2008 9:07**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



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

2 autocal1

Sample Name:	**autocal1**	*Injection Volume:*	**1000.0**
Vial Number:	**106**	*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:	**1/4/2008 9:21**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**

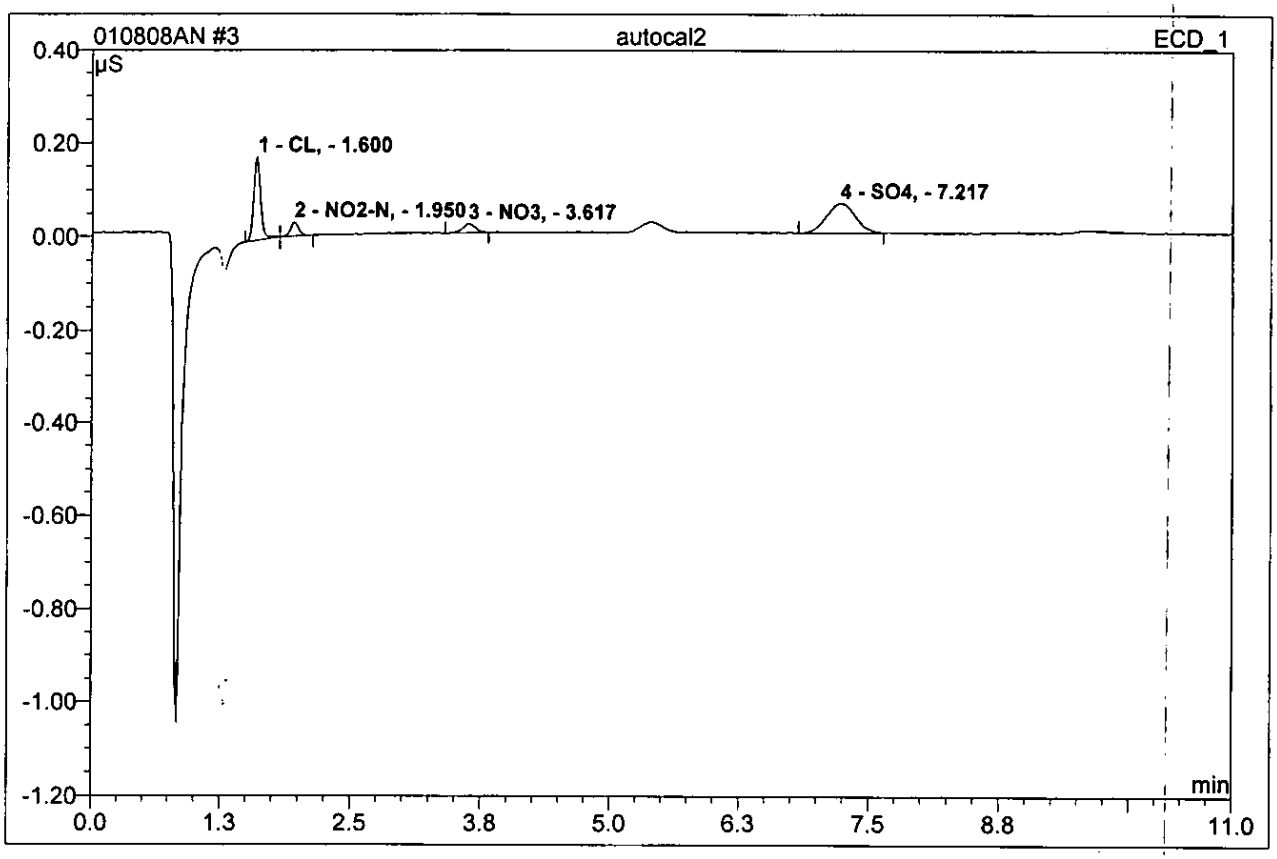


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

3 autocal2

JKZ080103-1

Sample Name:	**autocal2**	*Injection Volume:*	**1000.0**
Vial Number:	**107**	*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:	**1/4/2008 9:34**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**

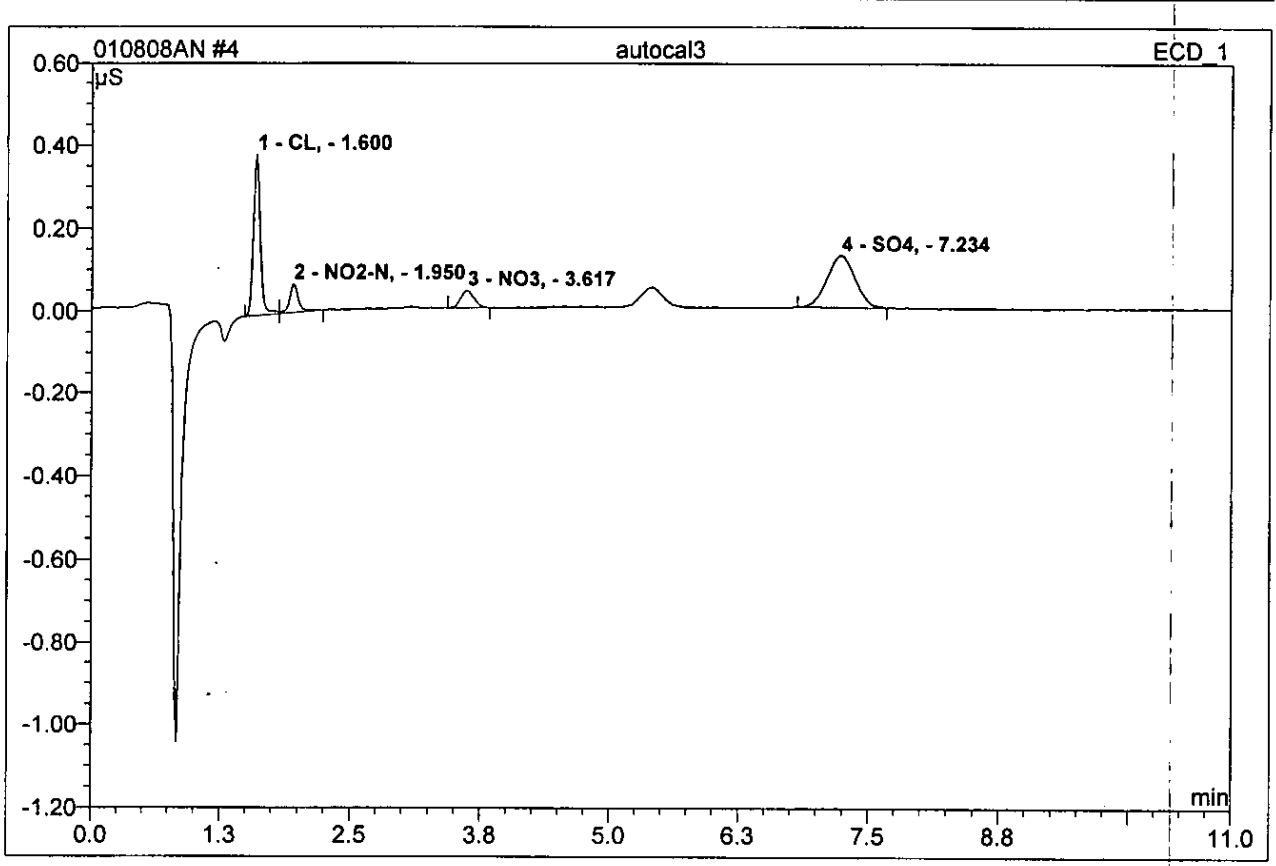


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	0.179	0.014	34.53	0.108	BMB
2	1.95	NO2-N,	0.032	0.003	7.25	0.011	bMB
3	3.62	NO3,	0.020	0.003	7.16	0.011	BMB
4	7.22	SO4,	0.063	0.020	51.06	0.249	BMB
Total:			0.293	0.040	100.00	0.378	

4 autocal3

JKZ080103-2

Sample Name:	**autocal3**	*Injection Volume:*	**1000.0**
Vial Number:	**107**	*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:	**1/4/2008 9:48**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**

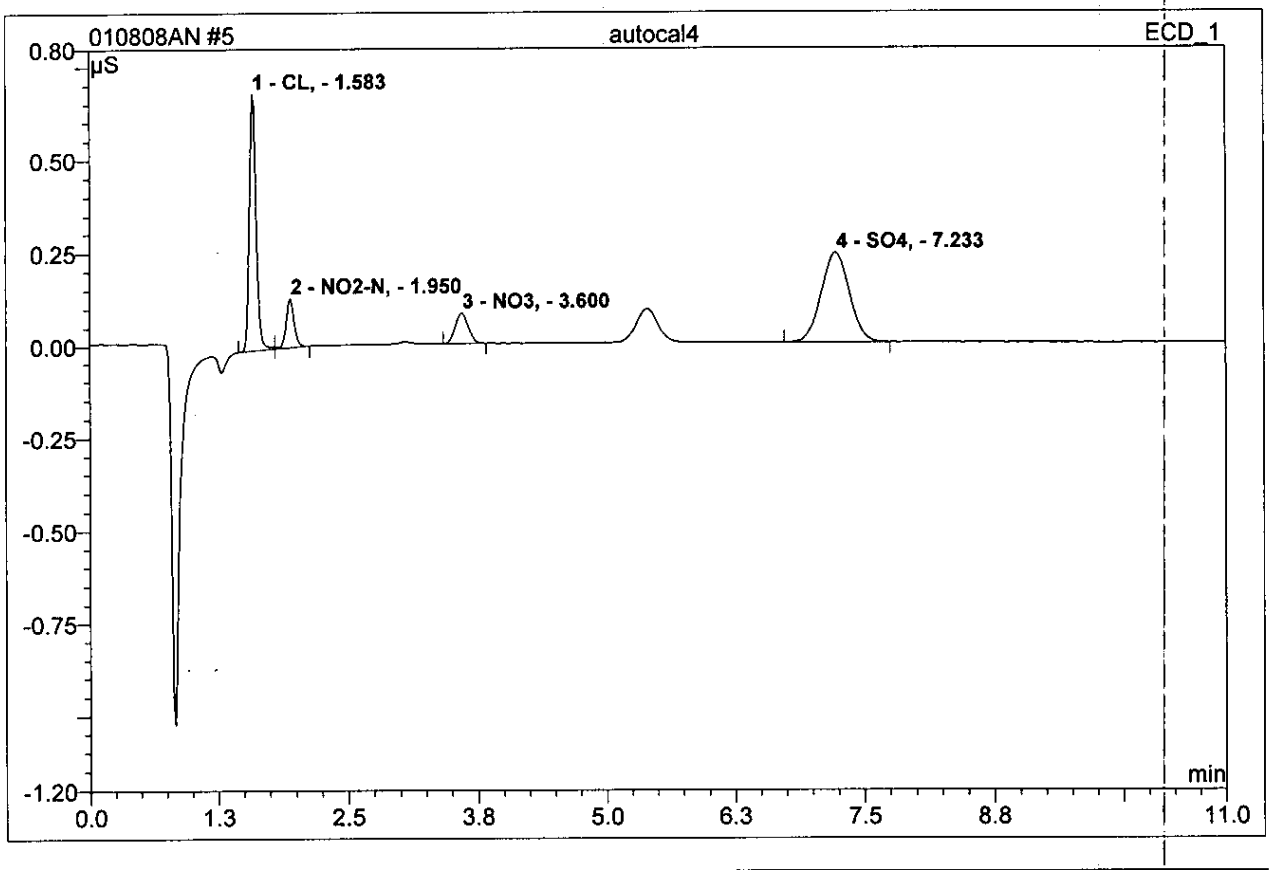


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	0.388	0.030	36.42	0.234	BM
2	1.95	NO2-N,	0.068	0.007	8.38	0.027	MB
3	3.62	NO3,	0.041	0.006	7.31	0.022	BMB
4	7.23	SO4,	0.125	0.039	47.89	0.481	BMB
Total:			0.622	0.082	100.00	0.765	

5 autocal4

JKZ080103-3

Sample Name:	**autocal4**	*Injection Volume:*	**1000.0**
Vial Number:	**107**	*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:	**1/4/2008 10:02**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**

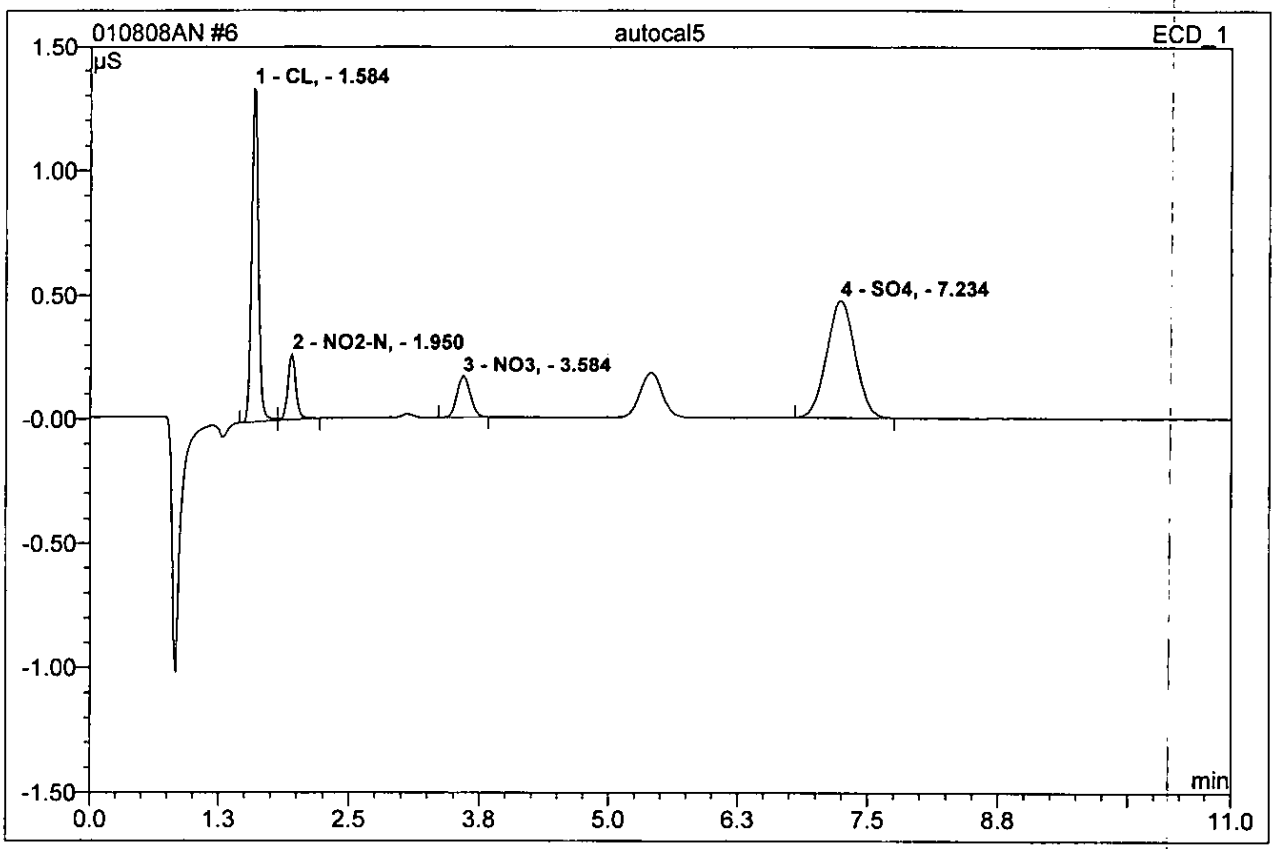


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.58	CL,	0.690	0.052	34.34	0.409	BM
2	1.95	NO2-N,	0.132	0.012	7.83	0.047	MB
3	3.60	NO3,	0.081	0.012	7.77	0.044	BMB
4	7.23	SO4,	0.240	0.076	50.07	0.932	BMB
Total:			1.142	0.152	100.00	1.433	

6 autocal5

JKZ080103-4

Sample Name:	**autocal5**	*Injection Volume:*	**1000.0**
Vial Number:	**108**	*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:	**1/4/2008 10:15**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**

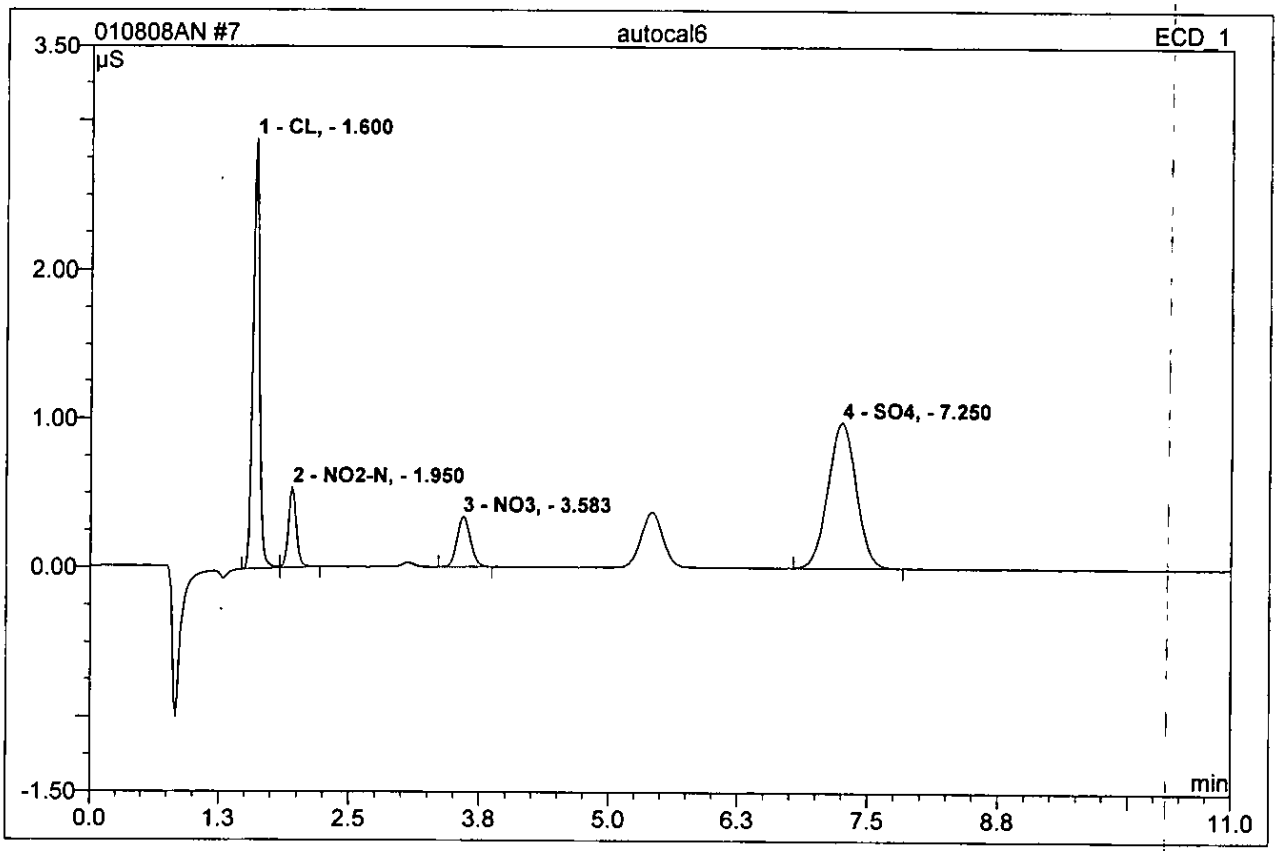


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.58	CL,	1.341	0.102	34.05	0:800	BM
2	1.95	NO2-N,	0.268	0.024	7.99	0.095	MB
3	3.58	NO3,	0.164	0.024	8.09	0.091	BMB
4	7.23	SO4,	0.473	0.150	49.87	1.833	BMB
Total:			2.245	0.300	100.00	2.820	

7 autocal6

JKZ080103-5

Sample Name:	**autocal6**	*Injection Volume:*	**1000.0**
Vial Number:	**108**	*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:	**1/4/2008 10:29**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**

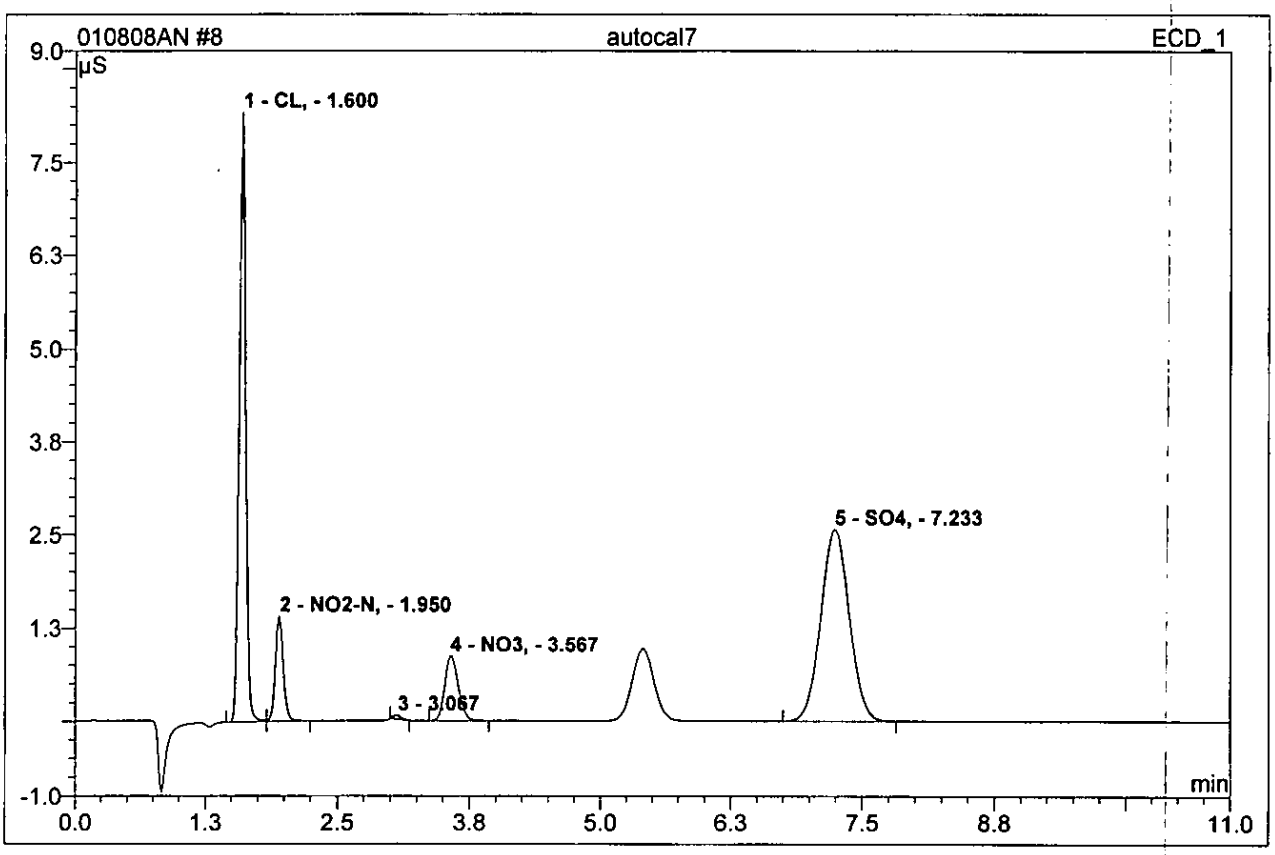


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	2.886	0.213	34.46	1.663	BM
2	1.95	NO2-N,	0.539	0.047	7.62	0.187	MB
3	3.58	NO3,	0.339	0.050	8.10	0.188	BMB
4	7.25	SO4,	0.976	0.308	49.81	3.757	BMB
Total:			4.740	0.618	100.00	5.795	

8 autocal7

JKZ080103-6

Sample Name:	**autocal7**	*Injection Volume:*	**1000.0**
Vial Number:	**108**	*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:	**1/4/2008 10:42**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**

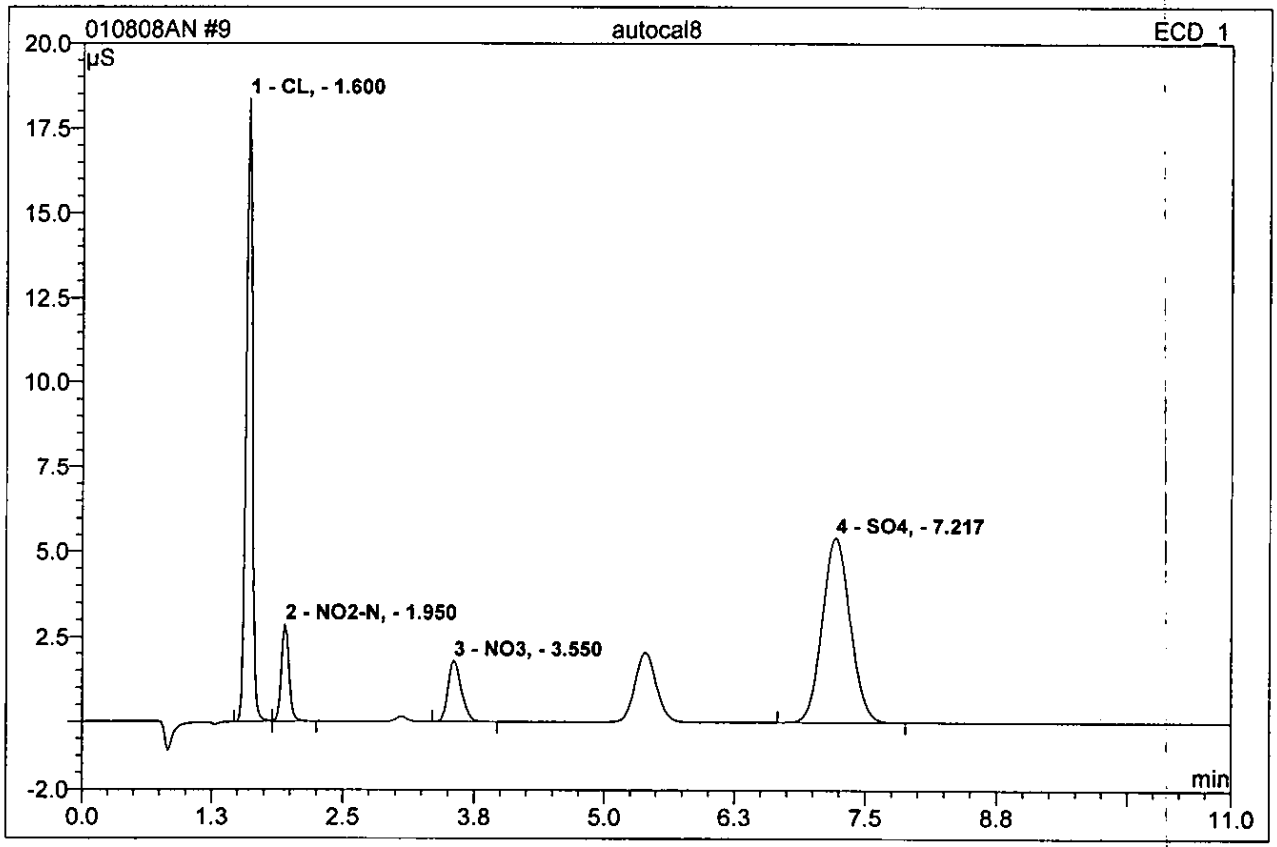


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	8.177	0.577	35.31	4.447	BM
2	1.95	NO2-N,	1.405	0.121	7.41	0.479	MB
4	3.57	NO3,	0.866	0.129	7.88	0.480	BMB
5	7.23	SO4,	2.568	0.803	49.13	9.669	BMB
Total:			13.017	1.629	99.73	15.075	

9 autocal8

JKZ080103-7

Sample Name:	**autocal8**	*Injection Volume:*	**1000.0**
Vial Number:	**107**	*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:	**1/4/2008 10:56**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**

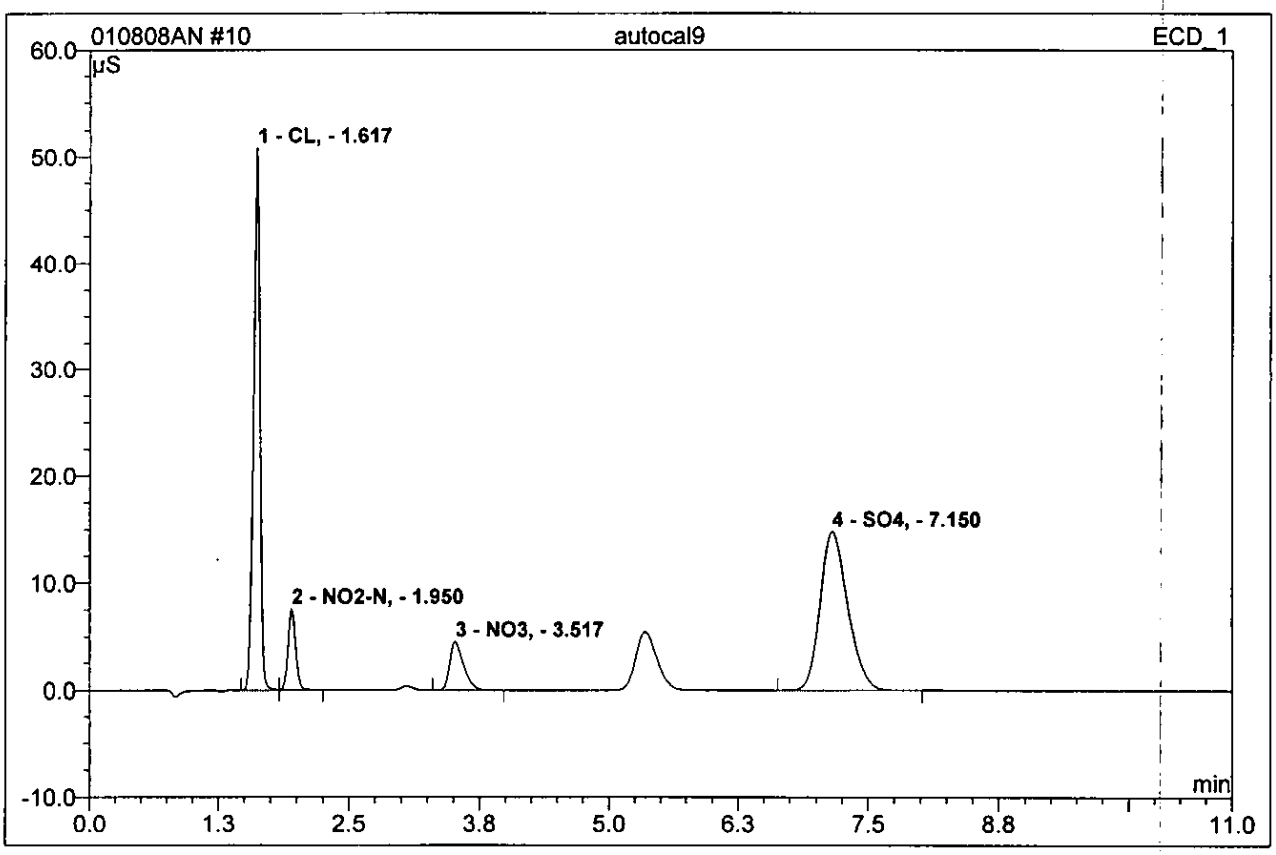


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	18.367	1.274	36.79	9.597	BM
2	1.95	NO2-N,	2.867	0.244	7.05	0.960	MB
3	3.55	NO3,	1.794	0.266	7.67	0.983	BMB
4	7.22	SO4,	5.433	1.679	48.49	19.791	BMB
Total:			28.461	3.463	100.00	31.330	

10 autocal9

JKZ080103-8

Sample Name:	**autocal9**	*Injection Volume:*	**1000.0**
Vial Number:	**107**	*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:	**1/4/2008 11:10**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**

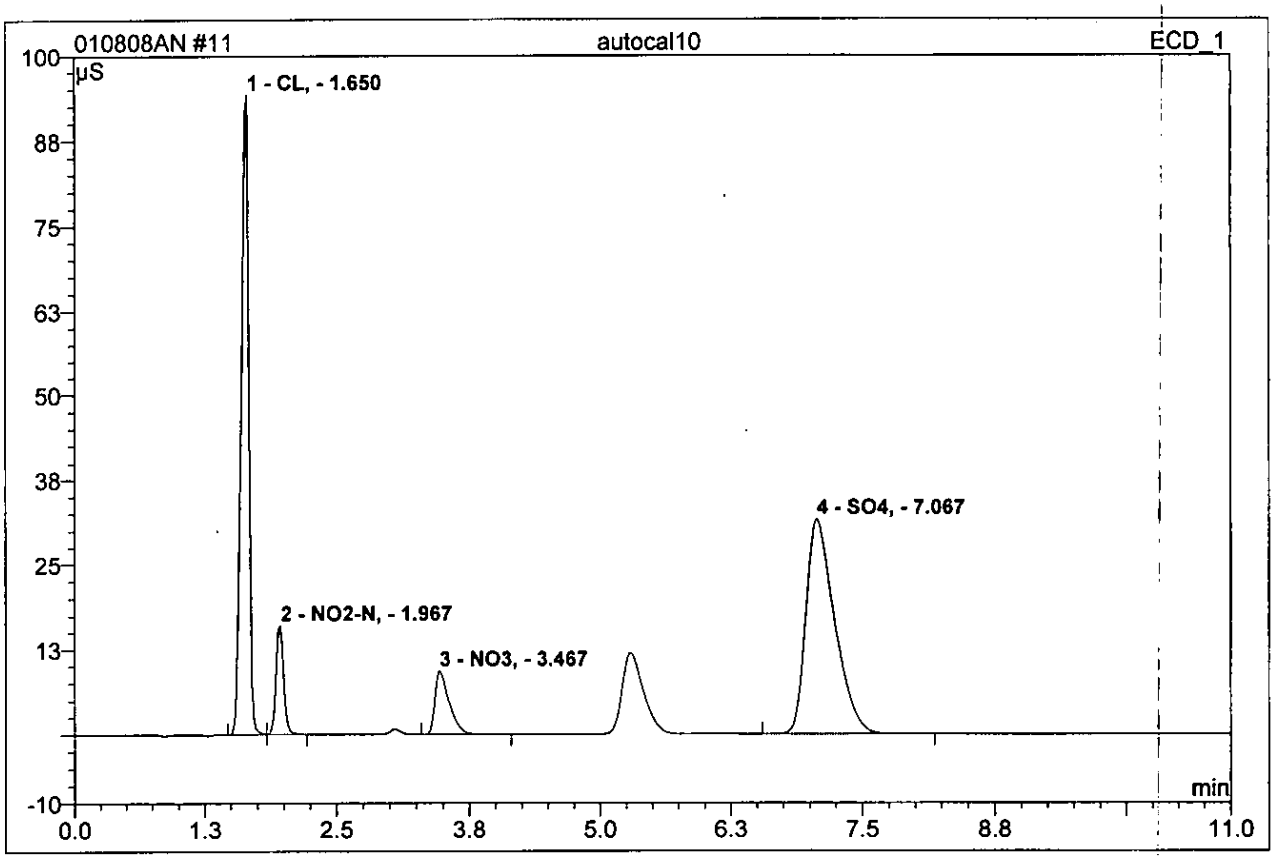


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.62	CL,	50.854	3.617	38.13	25.455	BM
2	1.95	NO2-N,	7.608	0.639	6.73	2.463	MB
3	3.52	NO3,	4.545	0.686	7.23	2.478	BMB
4	7.15	SO4,	14.853	4.545	47.91	50.265	BMB
Total:			77.860	9.487	100.00	80.662	

11 autocal10

JKZ080103-9

Sample Name:	**autocal10**	*Injection Volume:*	**1000.0**
Vial Number:	**107**	*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:	**1/4/2008 11:23**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**

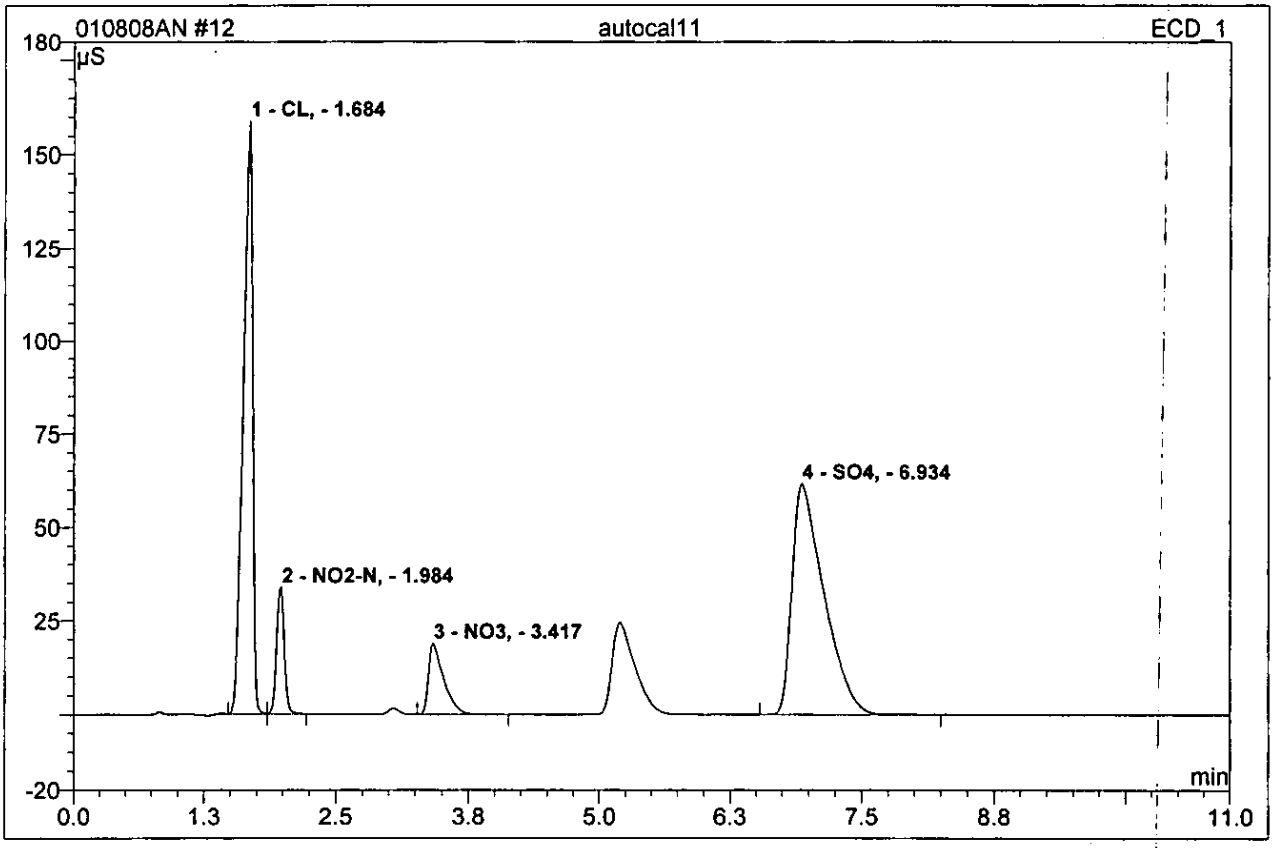


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.65	CL,	94.184	7.813	38.01	49.920	BM
2	1.97	NO2-N,	16.042	1.350	6.57	5.044	MB
3	3.47	NO3,	9.305	1.448	7.04	5.025	BMB
4	7.07	SO4,	31.625	9.946	48.38	99.953	BMB
Total:			151.156	20.557	100.00	159.942	

12 autocal11

JKZ080103-10

Sample Name:	**autocal11**	*Injection Volume:*	**1000.0**
Vial Number:	**107**	*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:	**1/4/2008 11:37**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**

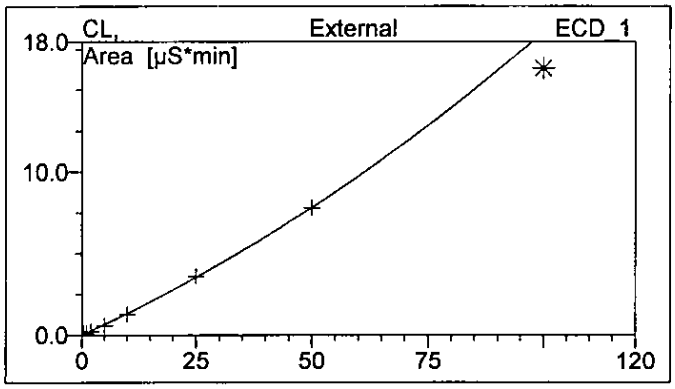


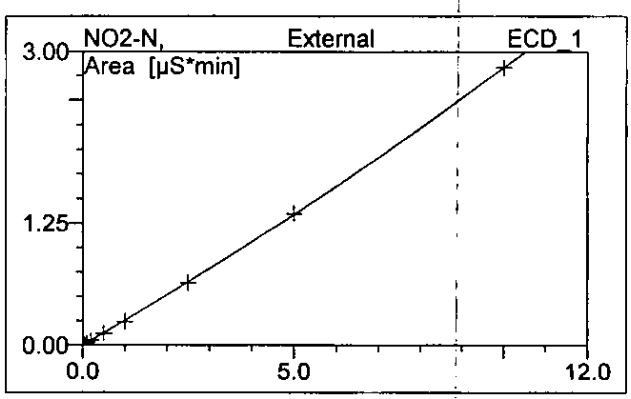
No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.68	CL,	158.678	16.320	37.29	90.461	BM
2	1.98	NO2-N,	33.693	2.834	6.48	9.992	MB
3	3.42	NO3,	18.879	3.099	7.08	9.996	BMB
4	6.93	SO4,	61.600	21.513	49.15	186.531	BMB
Total:			272.849	43.767	100.00	296.980	

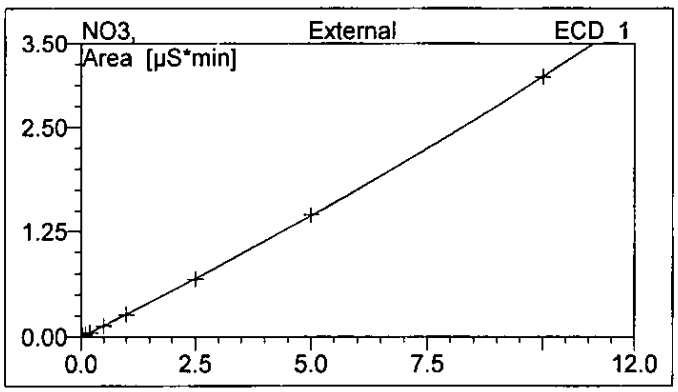
12 autocal11

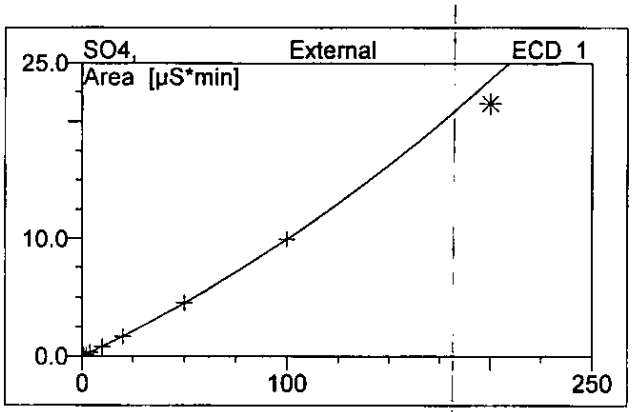
JKZ080103-10

Sample Name:	**autocal11**	*Injection Volume:*	**1000.0**
Vial Number:	**107**	*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:	**1/4/2008 11:37**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**





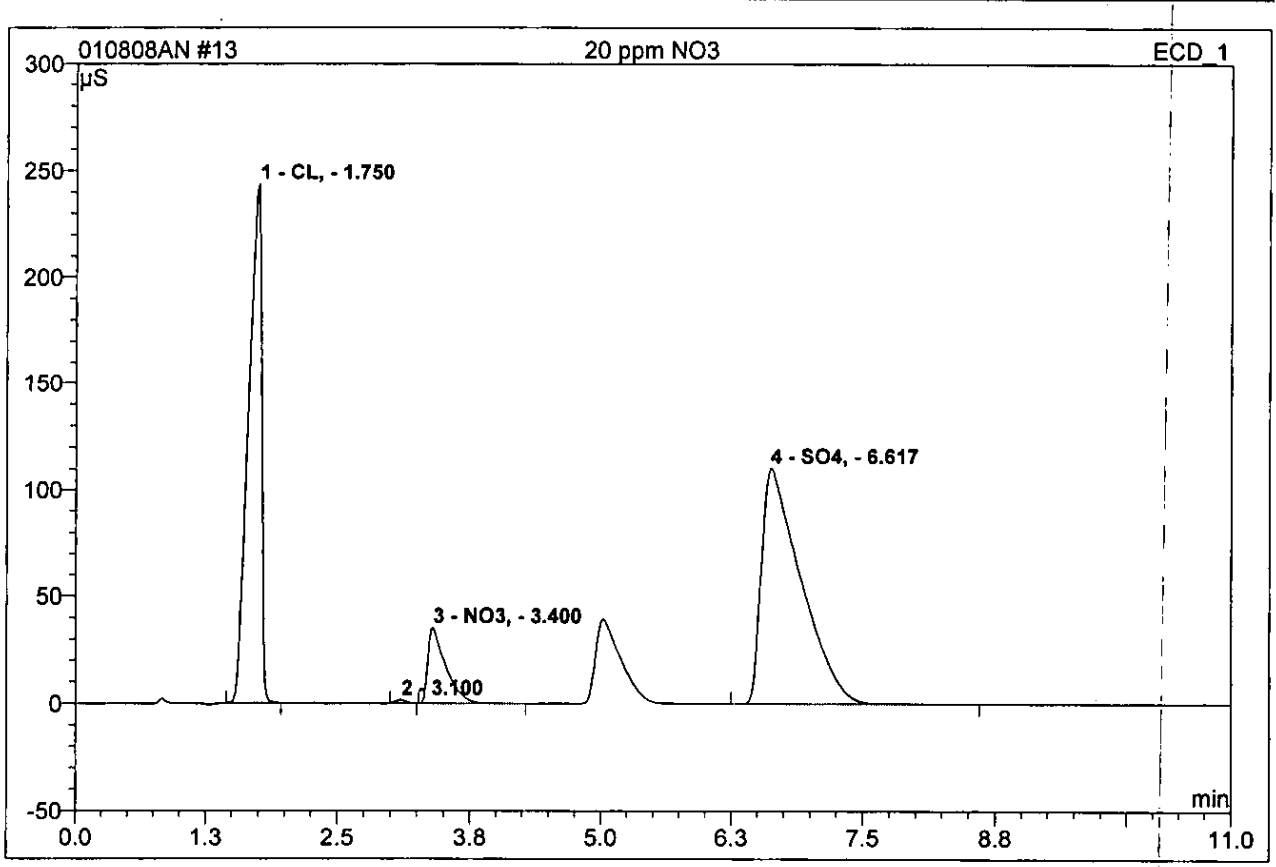




No.	Ret.Time min	Peak Name	Cal.Type	Points	Corr.Coeff. %	Offset	Slope	Curve
1	1.68	CL,	Quad	7	99.9100	0.0000	0.1271	0.0006
2	1.98	NO2-N,	Quad	10	99.9557	0.0000	0.2513	0.0032
3	3.42	NO3,	Quad	10	99.9320	0.0000	0.2660	0.0044
4	6.93	SO4,	Quad	9	99.8955	0.0000	0.0812	0.0002
Average:					99.9233	0.0000	0.1814	0.0021

13 20 ppm NO3

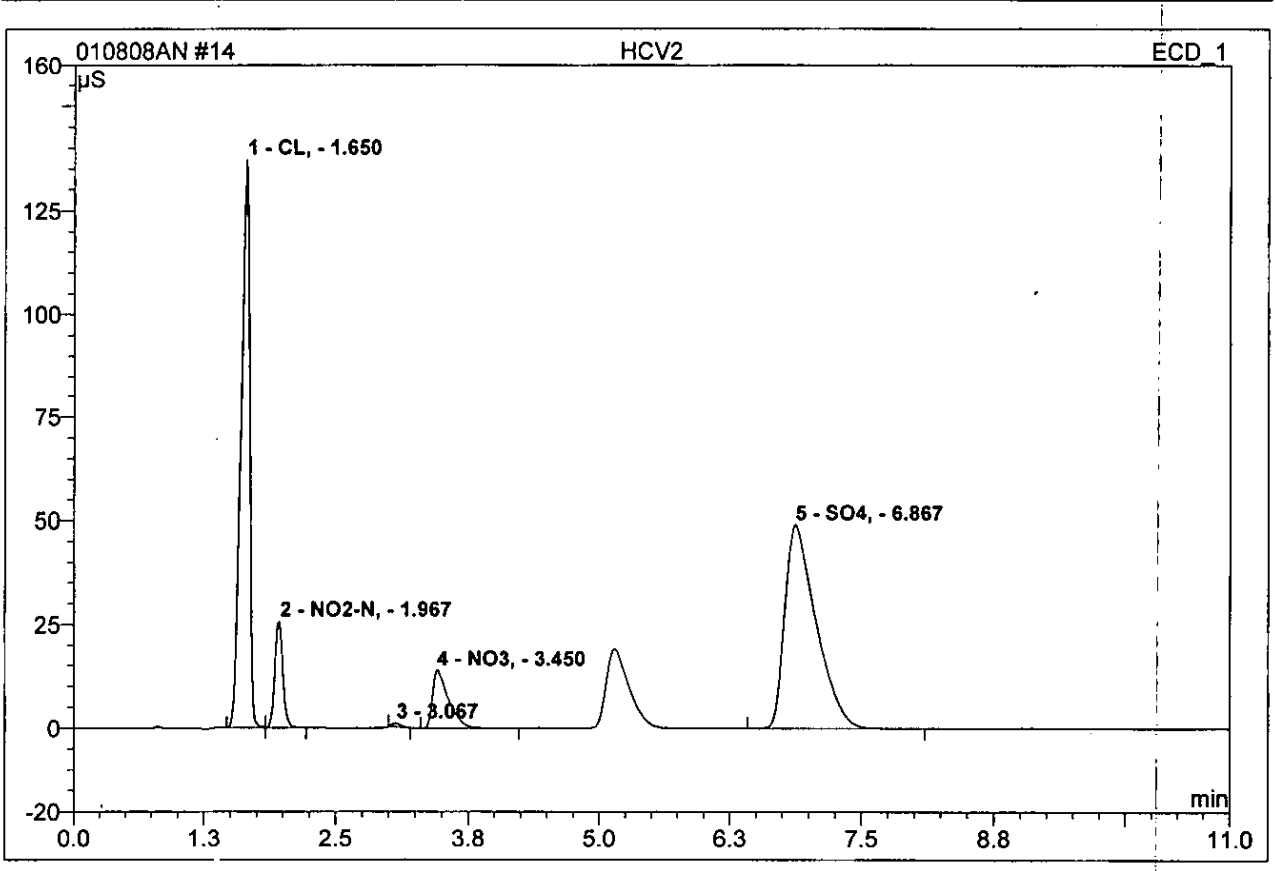
Sample Name:	**20 ppm NO3**	*Injection Volume:*	**1000.0**
Vial Number:	**244**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/8/2008 8:52**	*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	1.75	CL,	243.386	35.057	38.98	158.838	BMB
3	3.40	NO3,	35.397	6.818	7.58	19.402	BMB
4	6.62	SO4,	110.491	47.889	53.25	335.780	BMB
Total:			389.274	89.764	99.82	514.020	

14 HCV2

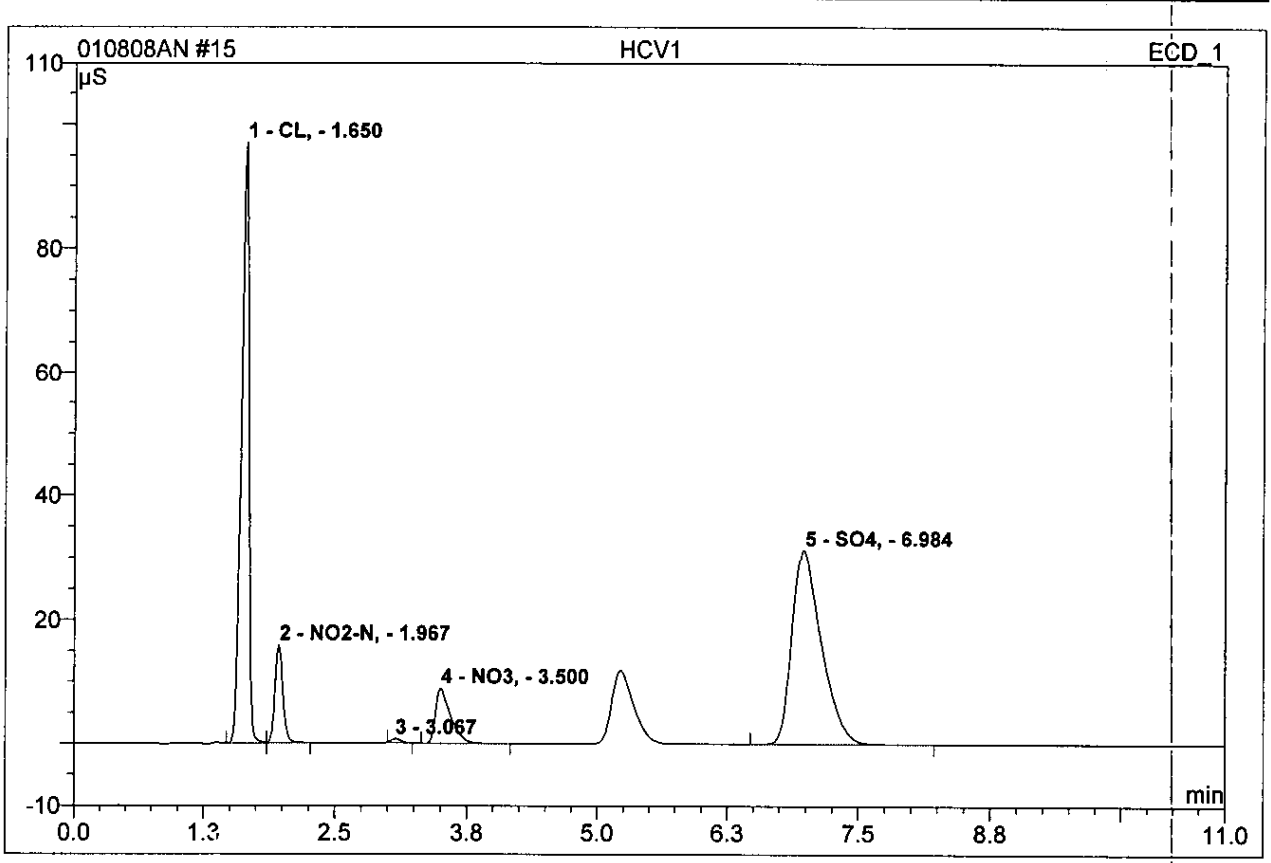
Sample Name:	**HCV2**	*Injection Volume:*	**1000.0**
Vial Number:	**245**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/8/2008 9:06**	*Sample 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	1.65	CL,	137.168	12.973	37.58	75.583	BM
2	1.97	NO2-N,	25.599	2.268	6.57	8.168	MB
4	3.45	NO3,	13.859	2.401	6.96	7.975	BMB
5	6.87	SO4,	48.971	16.797	48.66	153.646	BMB
Total:			225.597	34.440	99.76	245.371	

15 HCV1

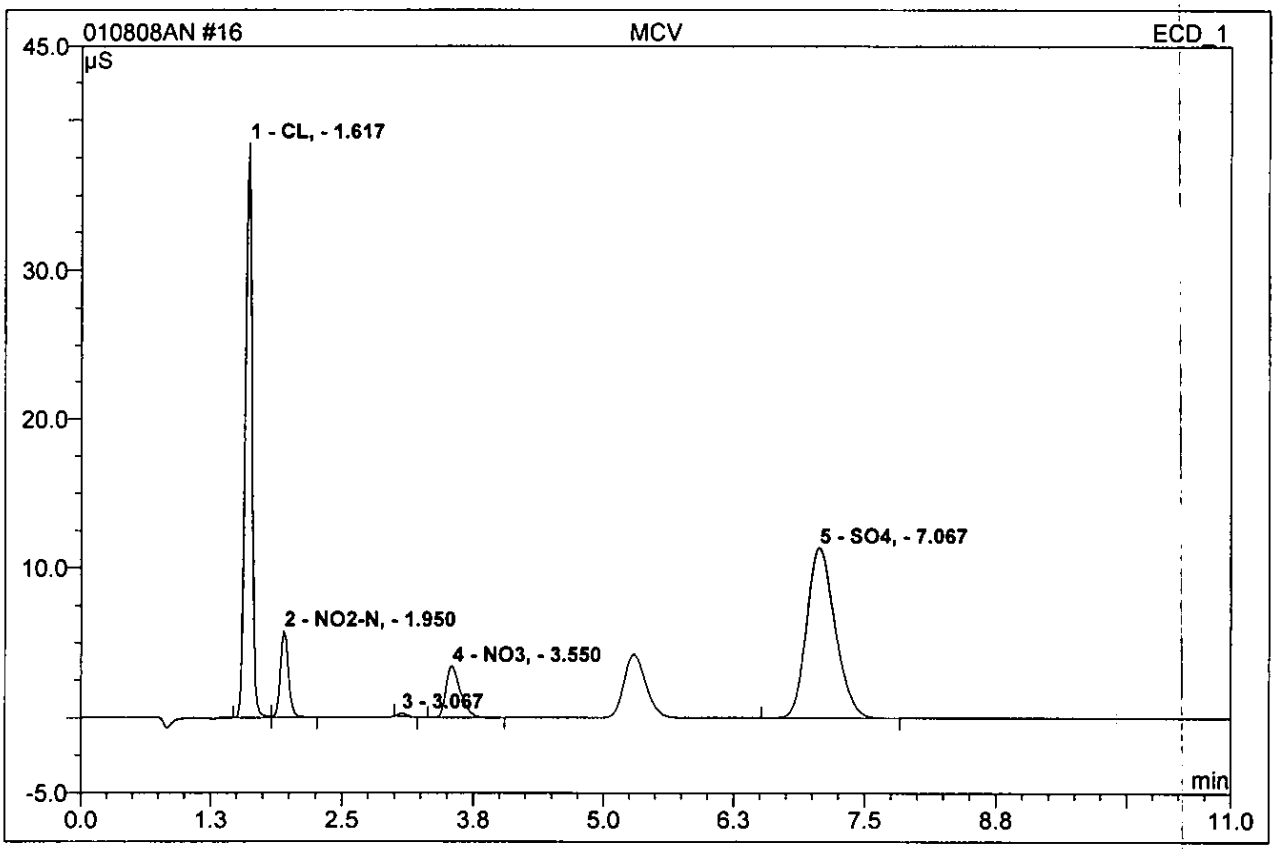
Sample Name:	**HCV1**	*Injection Volume:*	**1000.0**
Vial Number:	**244**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/8/2008 9:20**	*Sample 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	1.65	CL,	96.991	8.066	38.05	51.275	BM
2	1.97	NO2-N,	15.906	1.386	6.54	5.172	MB
4	3.50	NO3,	8.917	1.481	6.99	5.133	BMB
5	6.98	SO4,	31.276	10.201	48.12	102.110	BMB
Total:			153.090	21.135	99.70	163.690	

16 MCV

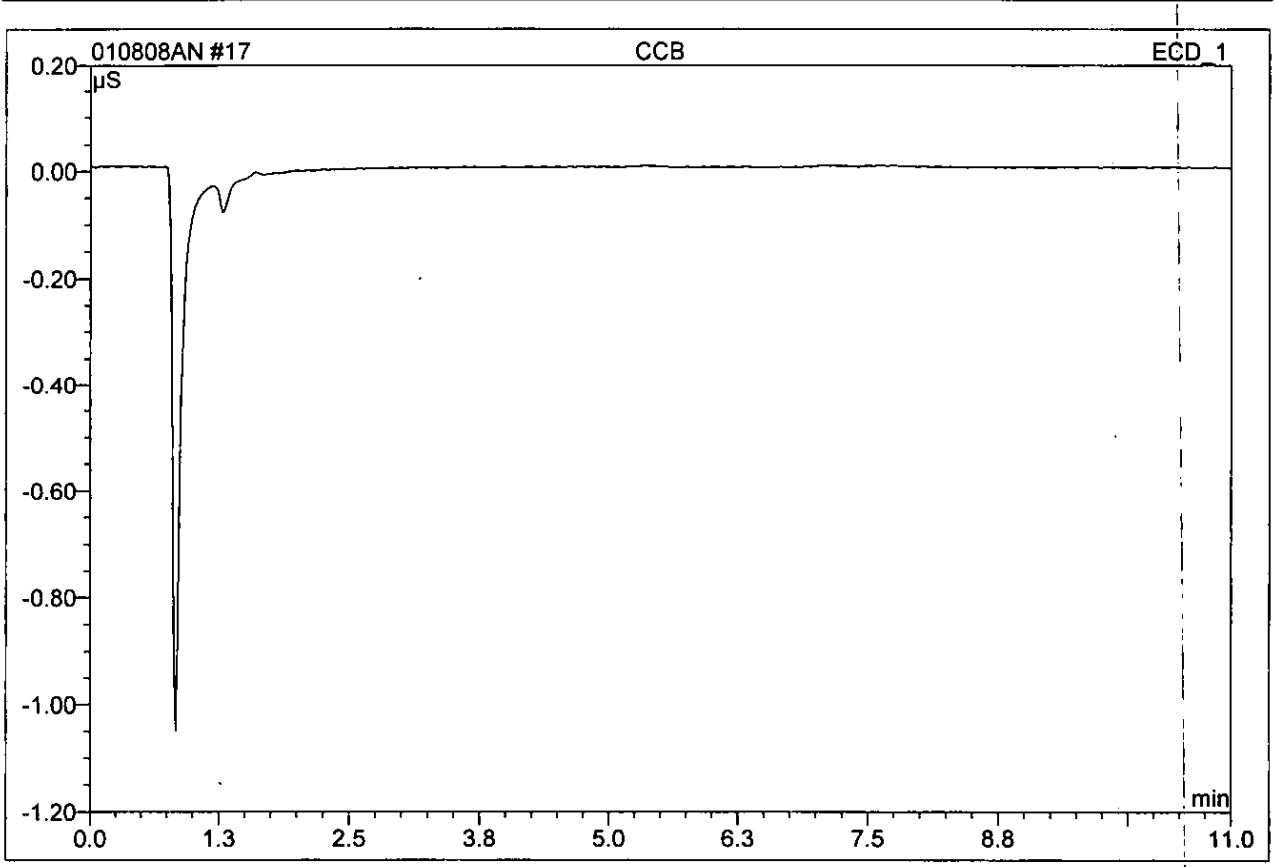
Sample Name:	**MCV**	*Injection Volume:*	**1000.0**
Vial Number:	**245**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/8/2008 9:33**	*Sample 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	1.62	CL,	38.431	2.834	37.75	20.374	BM
2	1.95	NO2-N,	5.773	0.515	6.86	1.998	MB
4	3.55	NO3,	3.418	0.550	7.33	2.001	BMB
5	7.07	SO4,	11.374	3.587	47.78	40.468	BMB
Total:			58.995	7.486	99.72	64.842	

17 CCB

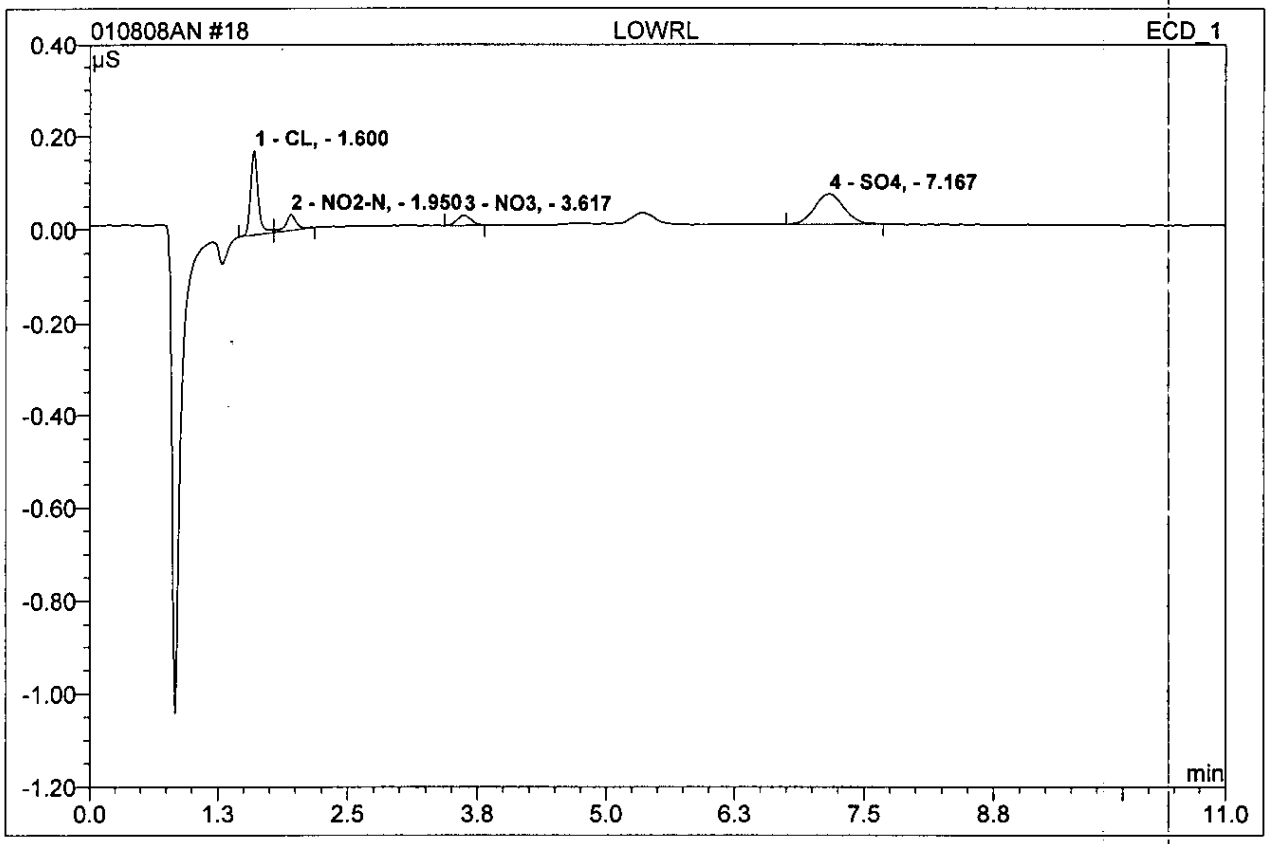
Sample Name:	**CCB**	*Injection Volume:*	**1000.0**
Vial Number:	**246**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/8/2008 9:47**	*Sample 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	

18 LOWRL

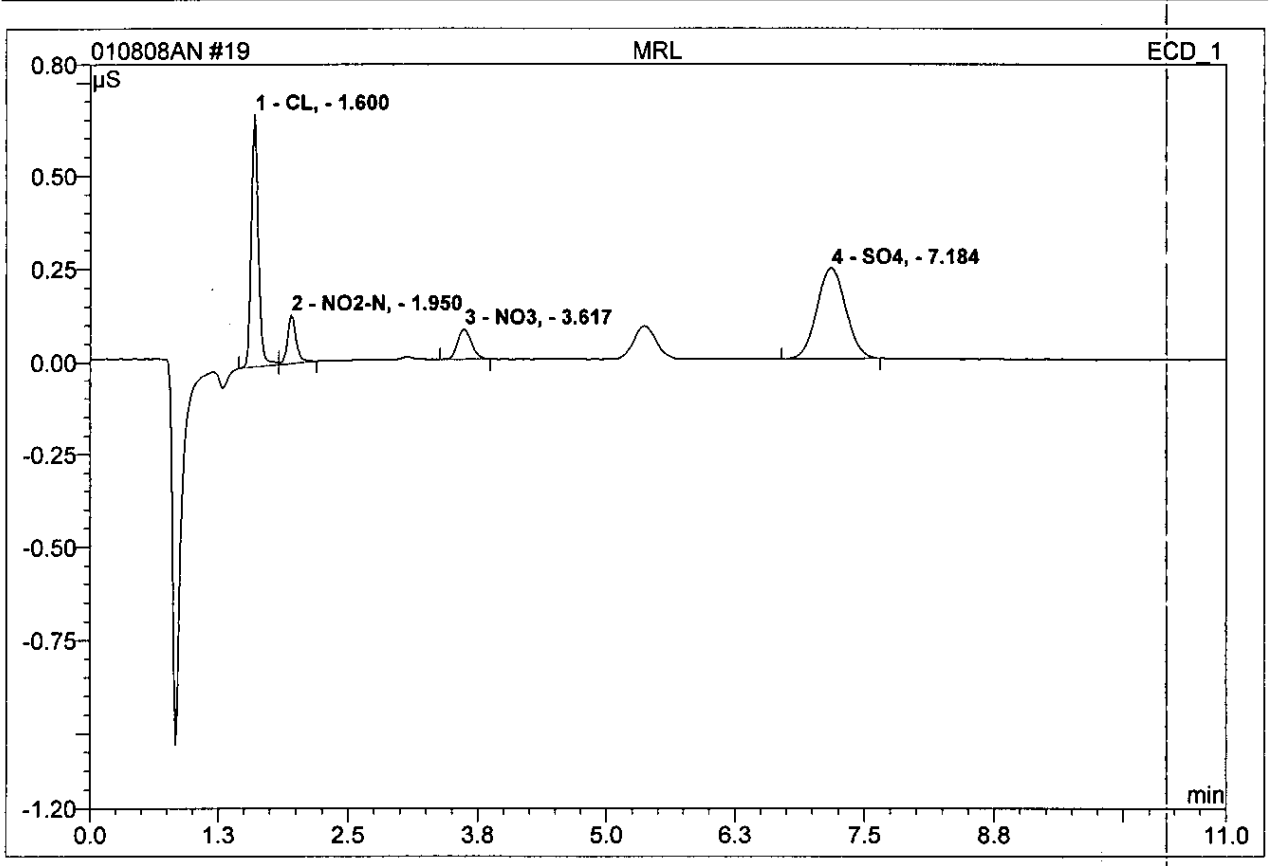
Sample Name:	**LOWRL**	*Injection Volume:*	**1000.0**
Vial Number:	**105**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/8/2008 10:00**	*Sample 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	1.60	CL,	0.181	0.015	34.36	0.119	BM
2	1.95	NO2-N,	0.035	0.004	9.34	0.016	MB
3	3.62	NO3,	0.022	0.003	7.87	0.013	BMB
4	7.17	SO4,	0.065	0.021	48.43	0.262	BMB
Total:			0.303	0.044	100.00	0.410	

19 MRL

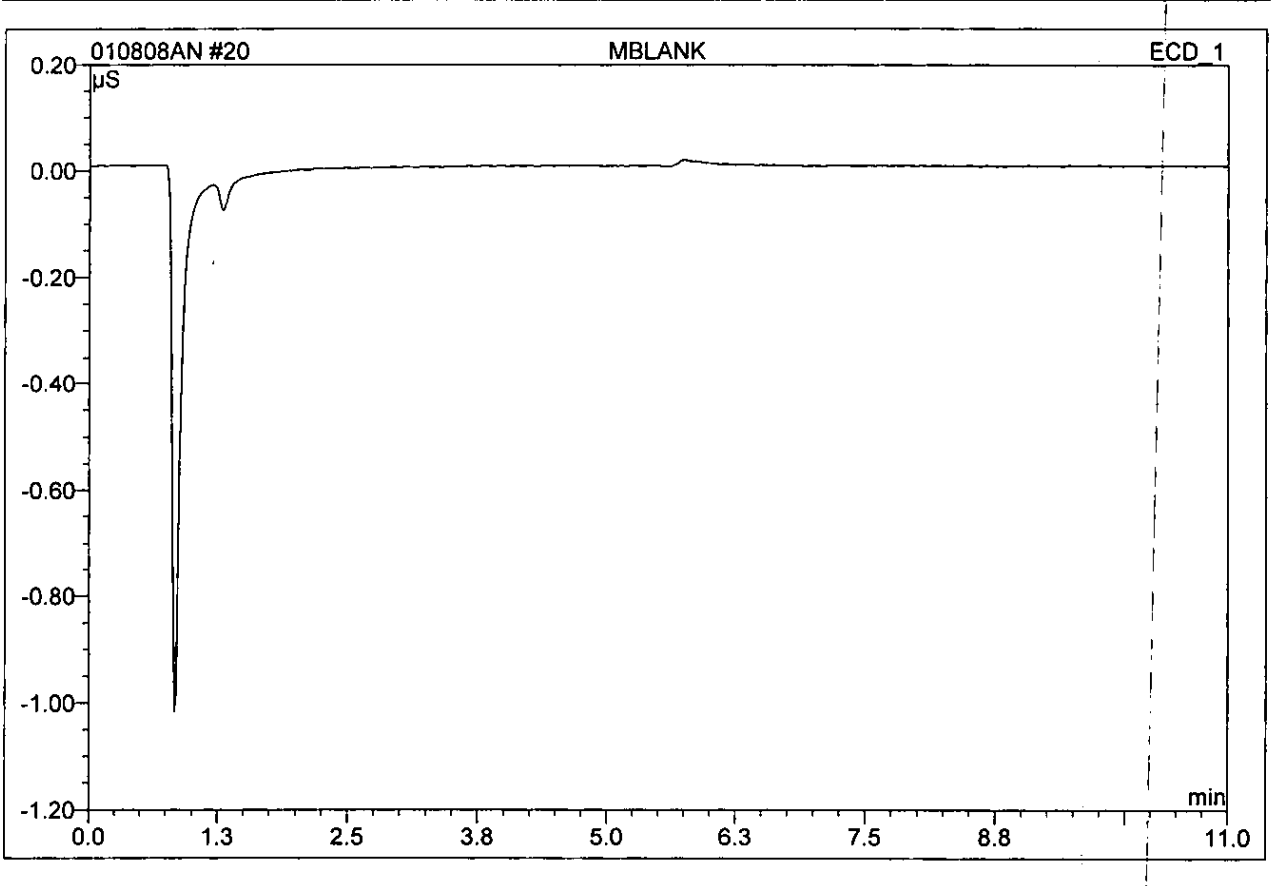
Sample Name:	**MRL**	*Injection Volume:*	**1000.0**
Vial Number:	**106**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/8/2008 10:14**	*Sample 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	1.60	CL,	0.675	0.054	33.97	0.421	BM
2	1.95	NO2-N,	0.130	0.013	8.02	0.050	MB
3	3.62	NO3,	0.081	0.013	8.07	0.048	BMB
4	7.18	SO4,	0.242	0.079	49.94	0.969	BMB
Total:			1.128	0.158	100.00	1.488	

20 MBLANK

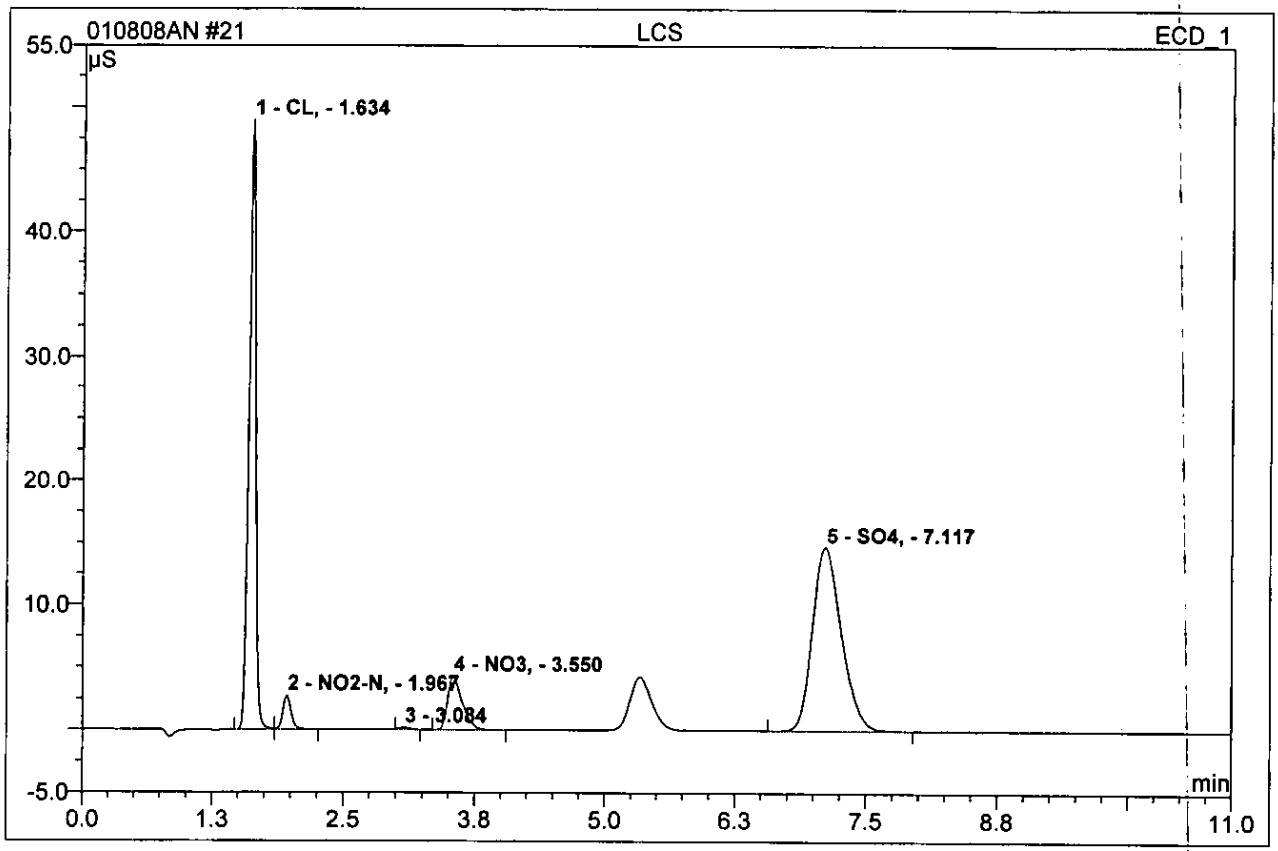
Sample Name:	**MBLANK**	*Injection Volume:*	**1000.0**
Vial Number:	**114**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/8/2008 10:28**	*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
Total:			0.000	0.000	0.00	0.000	

21 LCS

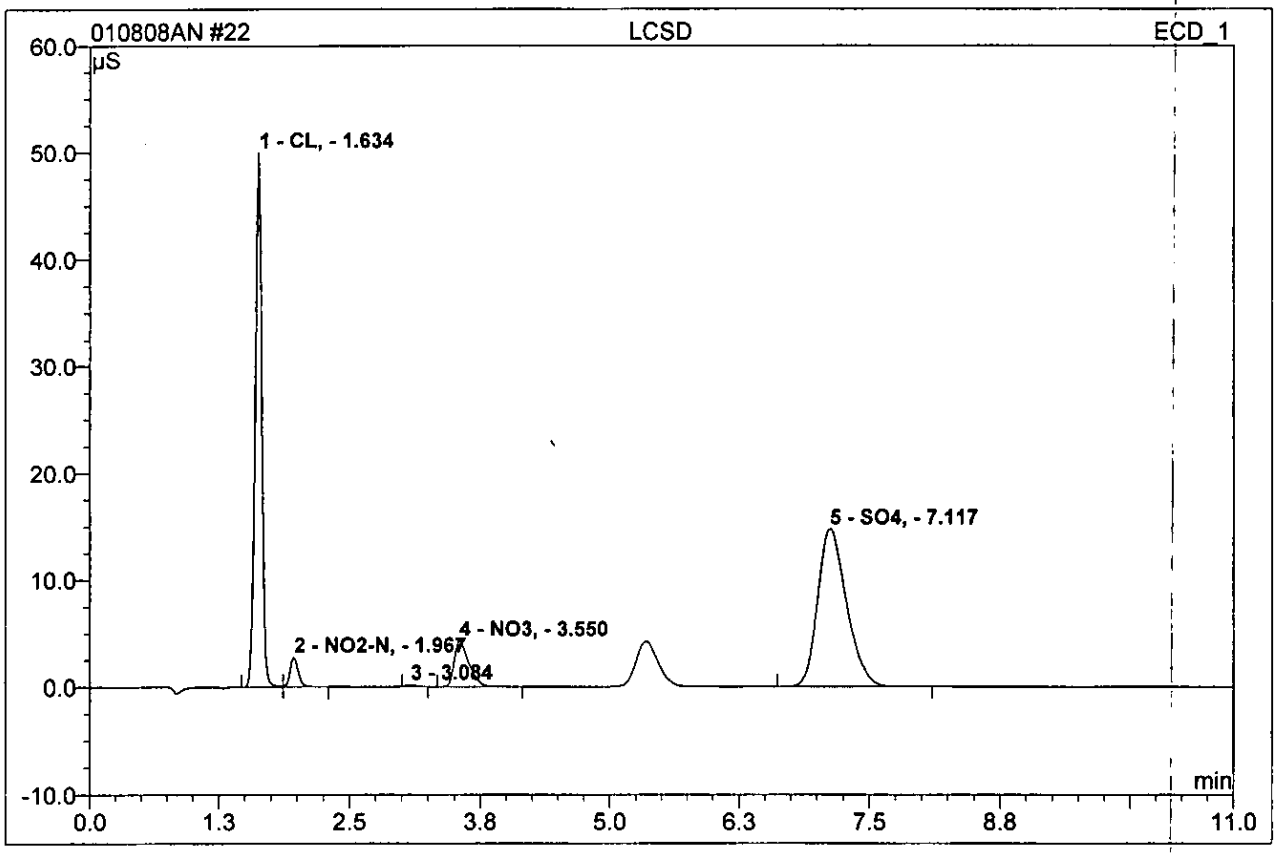
Sample Name:	**LCS**	*Injection Volume:*	**1000.0**
Vial Number:	**115**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/8/2008 10:41**	*Sample 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	1.63	CL,	48.987	3.688	39.49	25.905	BM
2	1.97	NO2-N,	2.731	0.248	2.66	0.977	MB
4	3.55	NO3,	4.280	0.691	7.40	2.496	BMB
5	7.12	SO4,	14.718	4.695	50.27	51.765	BMB
Total:			70.716	9.323	99.83	81.142	

22 LCSD

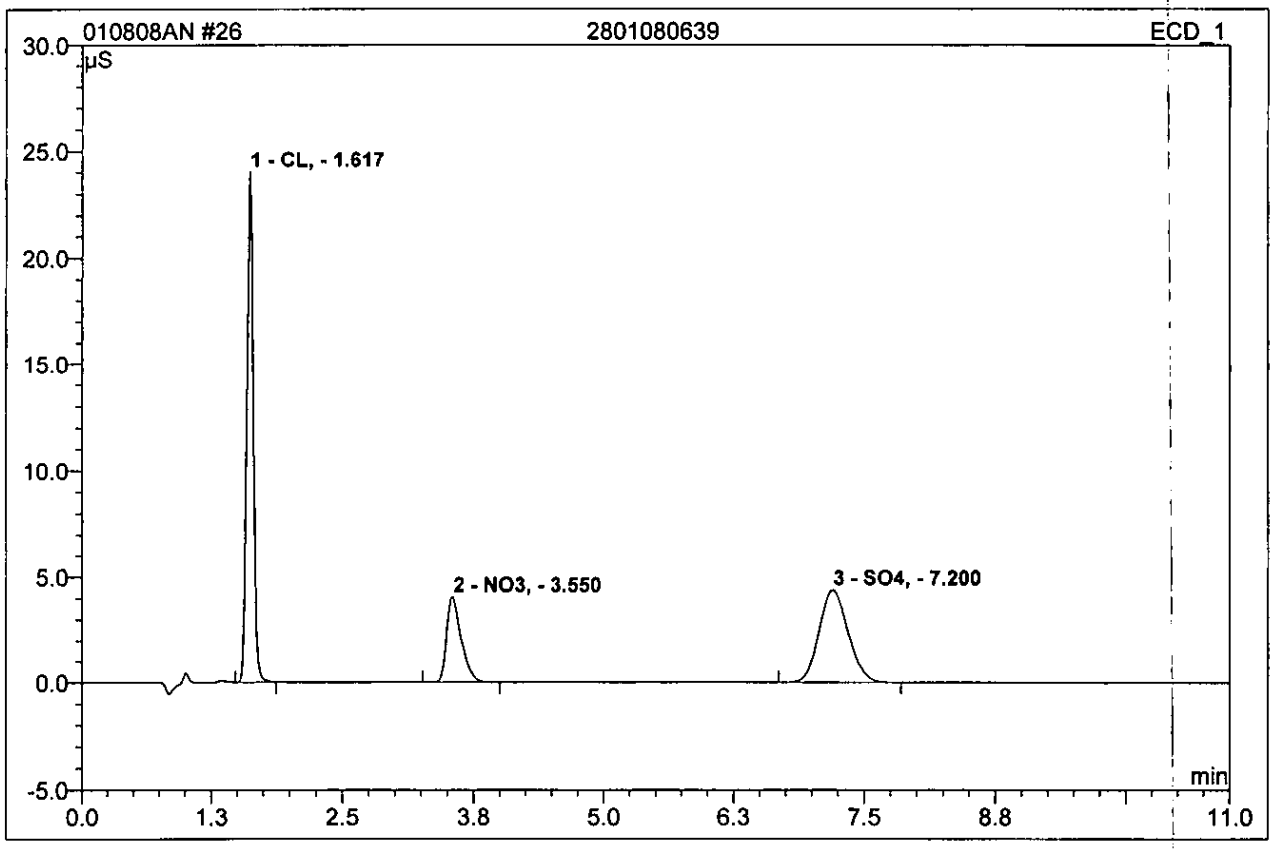
Sample Name:	**LCSD**	*Injection Volume:*	**1000.0**
Vial Number:	**116**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/8/2008 10:55**	*Sample 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	1.63	CL,	50.023	3.697	39.43	25.964	BM
2	1.97	NO2-N,	2.791	0.254	2.71	0.998	MB
4	3.55	NO3,	4.307	0.693	7.39	2.502	BMB
5	7.12	SO4,	14.745	4.714	50.28	51.954	BMB
Total:			71.866	9.358	99.81	81.418	

26 2801080639

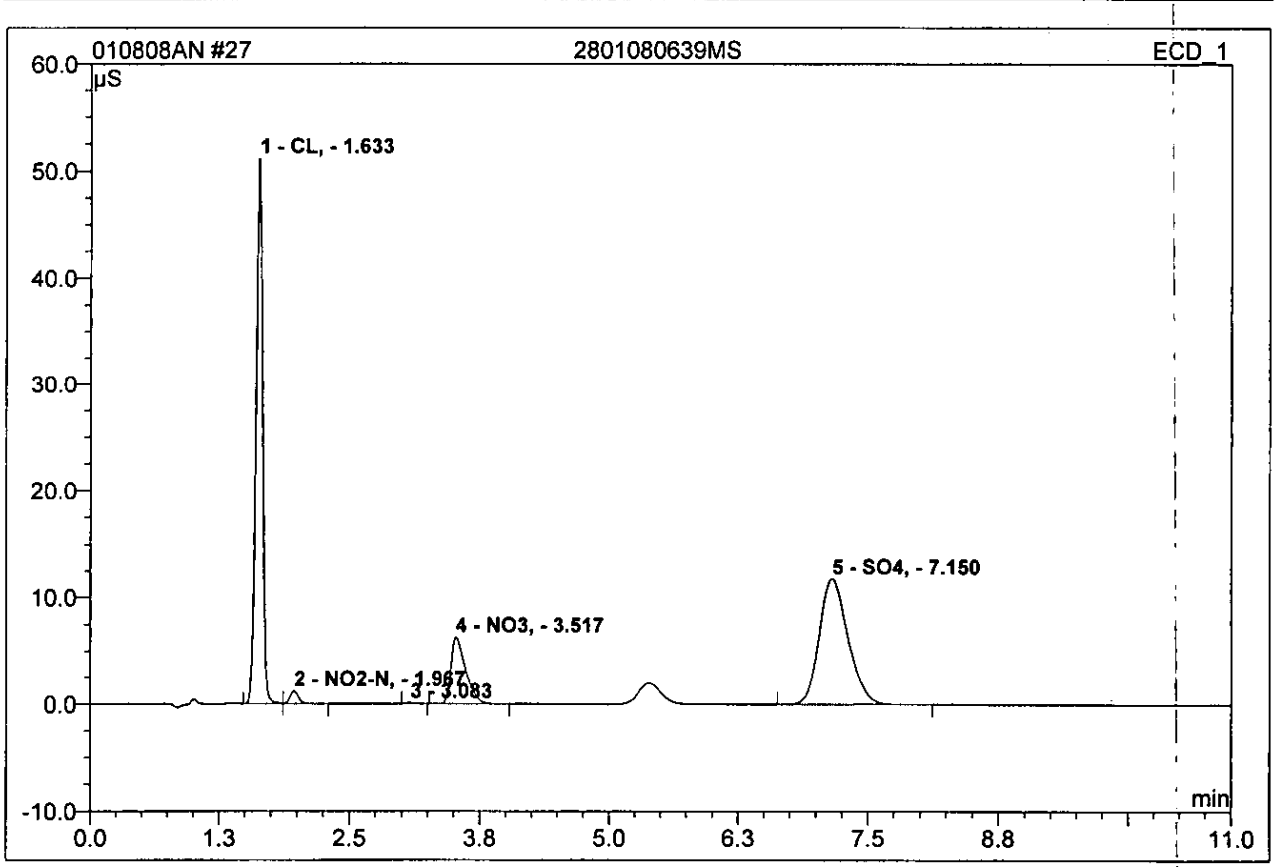
Sample Name:	**2801080639**	*Injection Volume:*	**1000.0**
Vial Number:	**142**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**2.0000**
Recording Time:	**1/8/2008 13:14**	*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	1.62	CL,	24.022	1.719	45.39	25.543	BMB
2	3.55	NO3,	4.065	0.656	17.32	4.747	BMB
3	7.20	SO4,	4.389	1.412	37.29	33.510	BMB
Total:			32.476	3.788	100.00	63.800	

27 2801080639MS

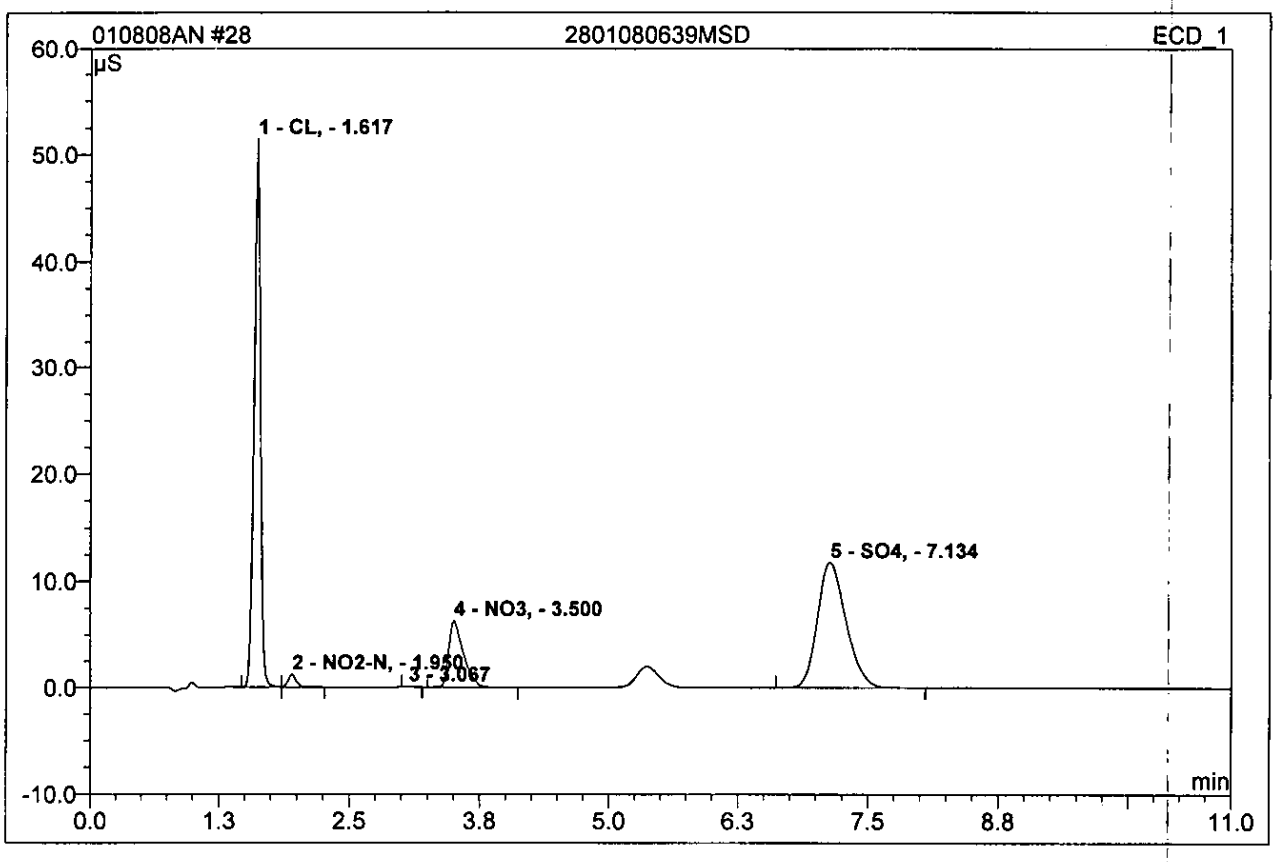
Sample Name:	**2801080639MS**	*Injection Volume:*	**1000.0**
Vial Number:	**142**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**2.0000**
Recording Time:	**1/8/2008 13:28**	*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	1.63	CL,	51.146	3.713	43.05	52.130	BM
2	1.97	NO2-N,	1.215	0.112	1.29	0.884	MB
4	3.52	NO3,	6.304	1.029	11.93	7.293	BMB
5	7.15	SO4,	11.773	3.763	43.64	84.603	BMB
Total:			70.437	8.617	99.91	144.909	

28 2801080639MSD

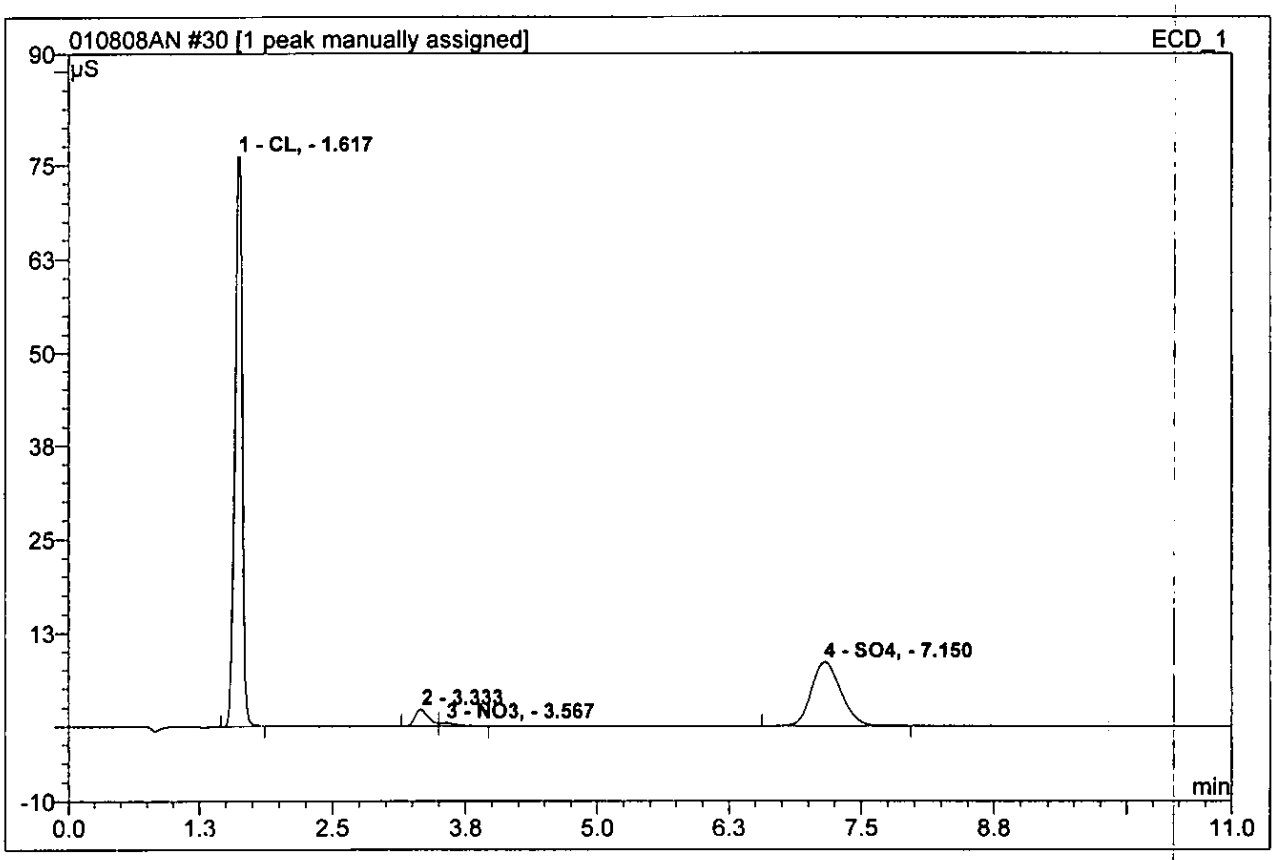
Sample Name:	**2801080639MSD**	*Injection Volume:*	**1000.0**
Vial Number:	**142**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**2.0000**
Recording Time:	**1/8/2008 13:42**	*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	1.62	CL,	51.447	3.712	43.07	52.120	BM
2	1.95	NO2-N,	1.221	0.111	1.29	0.881	MB
4	3.50	NO3,	6.340	1.029	11.93	7.294	BMB
5	7.13	SO4,	11.784	3.762	43.65	84.572	BMB
Total:			70.791	8.614	99.94	144.866	

30 2801080540_1/50

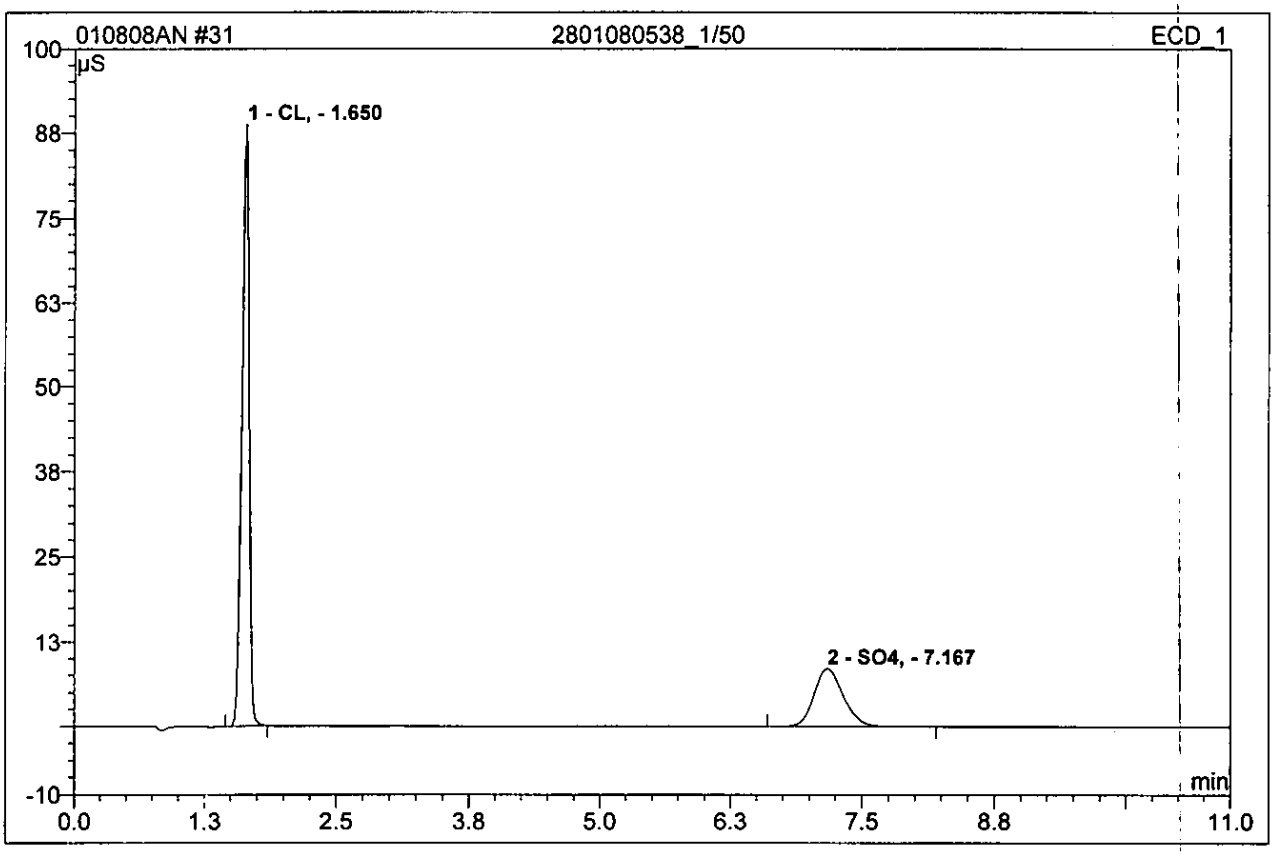
Sample Name:	**2801080540_1/50**	*Injection Volume:*	**1000.0**
Vial Number:	**142**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**50.0000**
Recording Time:	**1/8/2008 14:09**	*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	1.62	CL,	76.154	6.076	65.97	2013.990	BMB
3	3.57	NO3,	0.435	0.069	0.75	12.978	MB^
4	7.15	SO4,	8.526	2.730	29.64	1569.250	BMB
Total:			85.115	8.875	96.36	3596.217	

31 2801080538_1/50

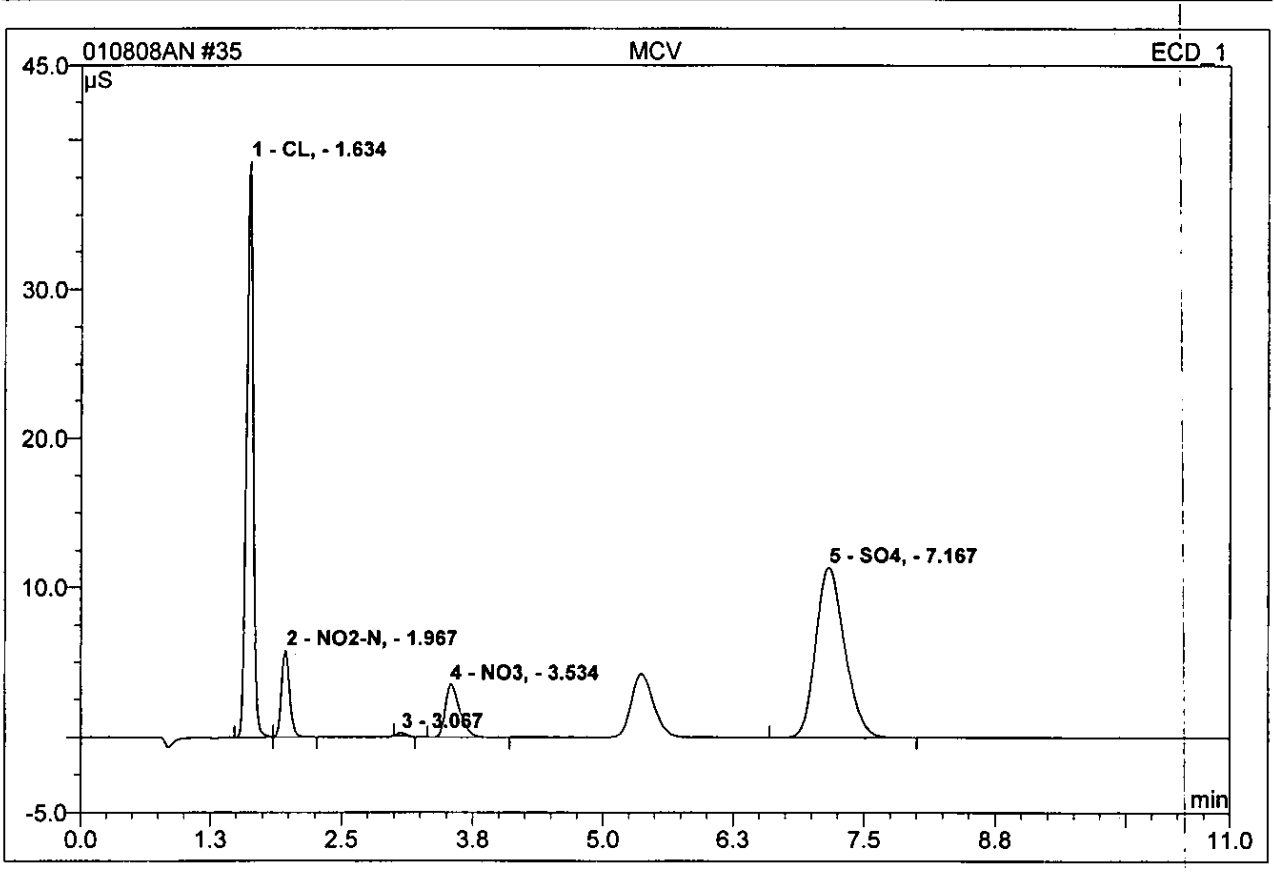
Sample Name:	**2801080538_1/50**	*Injection Volume:*	**1000.0**
Vial Number:	**142**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**50.0000**
Recording Time:	**1/8/2008 14:22**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.65	CL,	88.661	7.020	72.04	2279.670	BMB
2	7.17	SO4,	8.513	2.725	27.96	1566.731	BMB
Total:			97.174	9.745	100.00	3846.401	

35 MCV

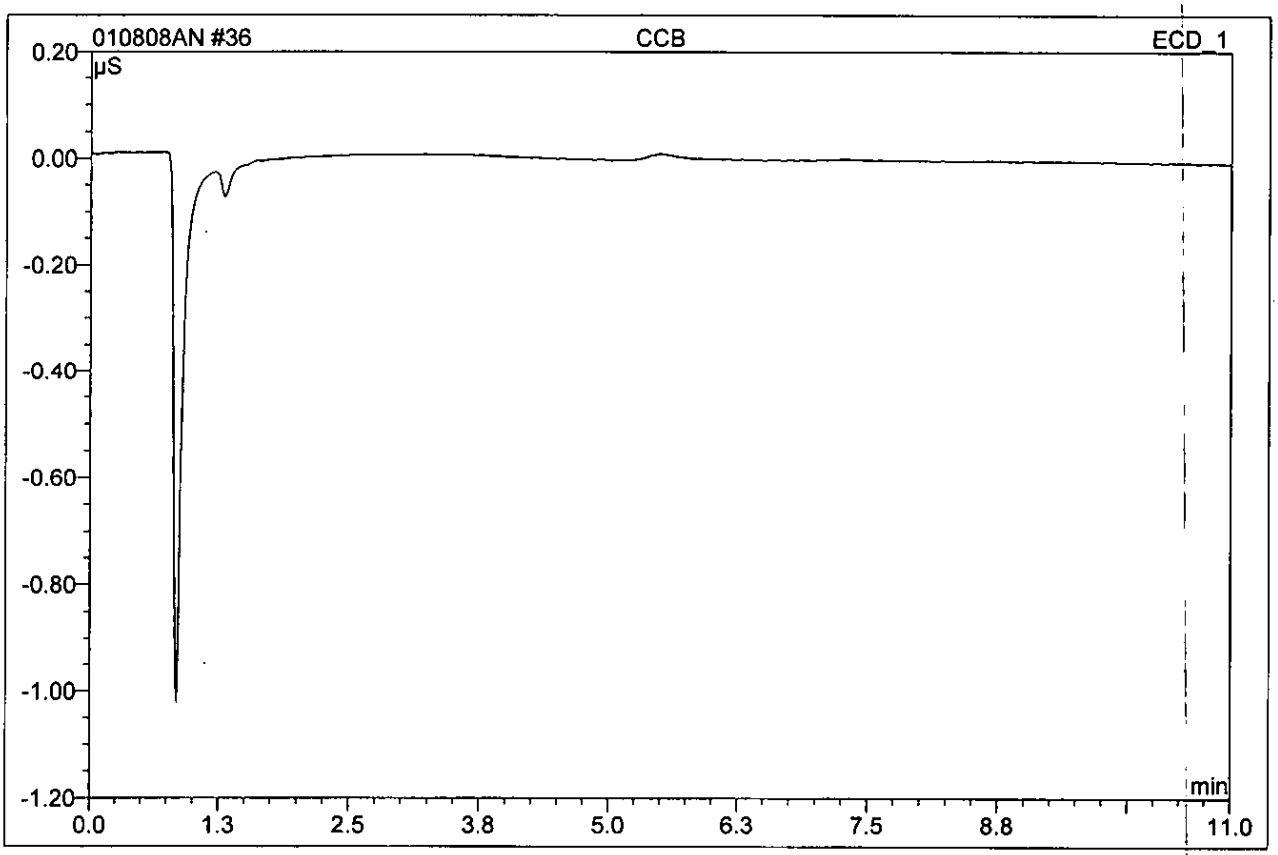
Sample Name:	**MCV**	*Injection Volume:*	**1000.0**
Vial Number:	**146**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/8/2008 15:17**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.63	CL,	38.554	2.885	37.90	20.709	BM
2	1.97	NO2-N,	5.820	0.516	6.78	2.002	MB
4	3.53	NO3,	3.511	0.559	7.35	2.034	BMB
5	7.17	SO4,	11.368	3.632	47.71	40.935	BMB
Total:			59.254	7.592	99.73	65.680	

36 CCB

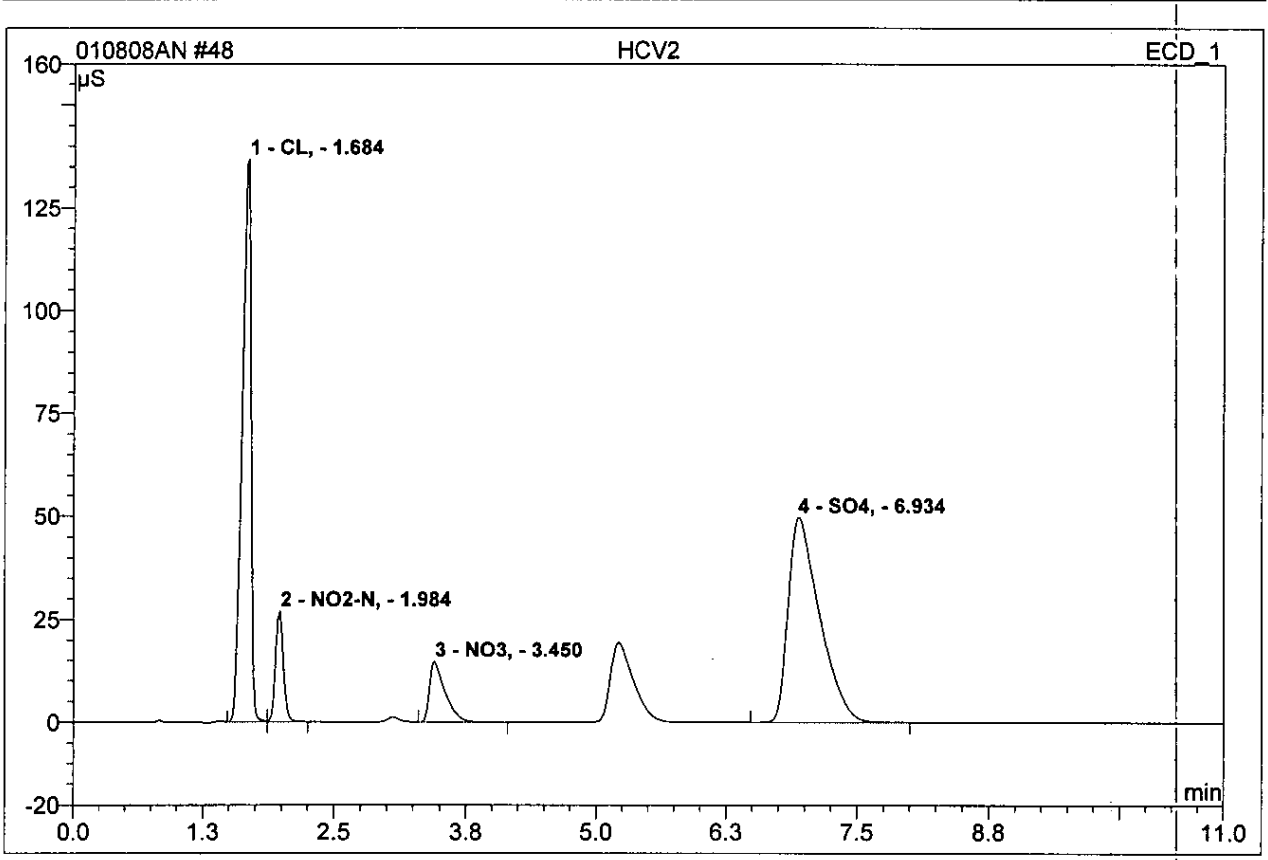
Sample Name:	**CCB**	*Injection Volume:*	**1000.0**
Vial Number:	**146**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/8/2008 15:31**	*Sample 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	

48 HCV2

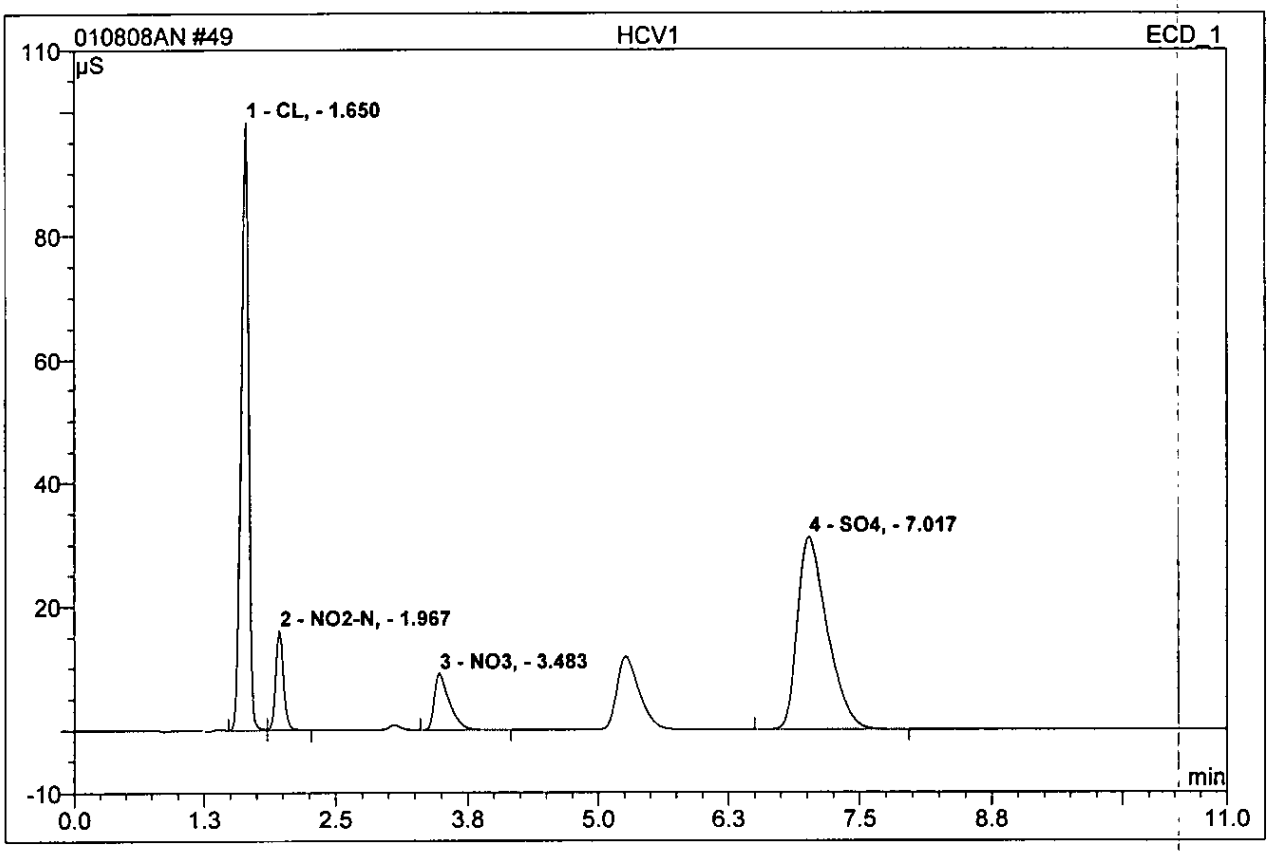
Sample Name:	**HCV2**	*Injection Volume:*	**1000.0**
Vial Number:	**187**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/8/2008 18:14**	*Sample 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	1.68	CL,	136.662	13.328	37.75	77.219	BM
2	1.98	NO2-N,	26.802	2.310	6.54	8.302	MB
3	3.45	NO3,	14.672	2.477	7.02	8.201	BMB
4	6.93	SO4,	49.645	17.193	48.69	156.514	BMB
Total:			227.781	35.308	100.00	250.236	

49 HCV1

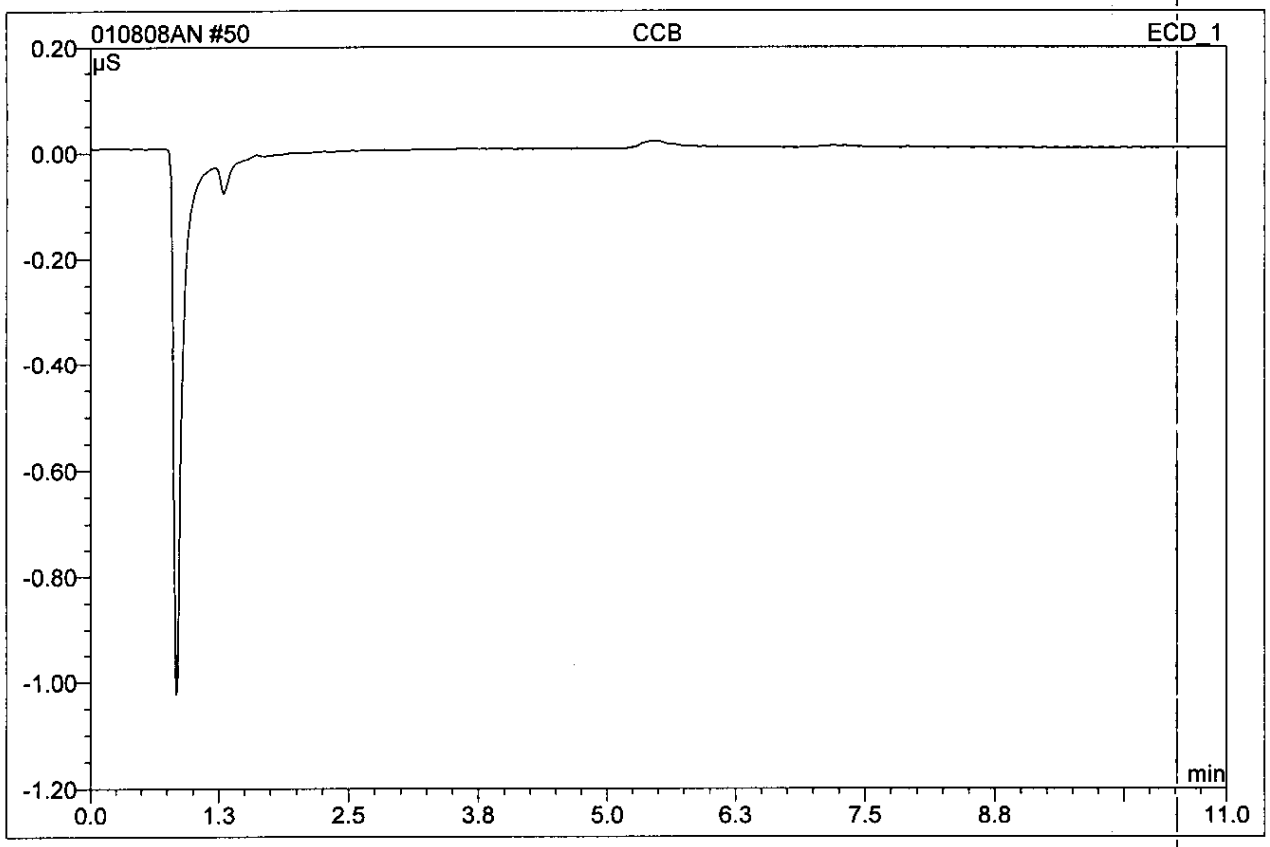
Sample Name:	**HCV1**	*Injection Volume:*	**1000.0**
Vial Number:	**186**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/8/2008 18:28**	*Sample 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	1.65	CL,	98.242	8.052	38.18	51.200	BM
2	1.97	NO2-N,	16.044	1.381	6.55	5.152	MB
3	3.48	NO3,	9.026	1.480	7.02	5.127	BMB
4	7.02	SO4,	31.177	10.179	48.26	101.921	BMB
Total:			154.489	21.091	100.00	163.401	

50 CCB

Sample Name:	**CCB**	*Injection Volume:*	**1000.0**
Vial Number:	**188**	*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:	**1/8/2008 18:41**	*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
Total:			0.000	0.000	0.00	0.000	

Standard Preparation Worksheet & Certificate of Analysis

K 3016051 rec'd 5-29-07

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1000 CS Amsterdam Fax +31 20 420 28 36
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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.

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Reagent Documentation

eagent: Anion Calibration Stock Soln. NO_2-B
ate Received: 29 May 07
ate Expired: 11/24/08
anufacturer: CPI
orage Condition: room temp

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

Component	Comment	Standard	Concentration
	CPI # 4400-050110rh03		

omment:

eagent: Anion Calibration Stock Soln. - A
ate Received: 29 May 07
ate Expired: 11/24/08
anufacturer: CPI
orage Condition: room temp

Reagent #: 201652
By: TLH
Matrix: aq
Amount: 10x125
Lot #: 07E209

Component	Comment	Standard	Concentration
	CPI #4400-050110rh03		

mment:

agent: Ultrex Nitric Acid
te Received: 30 May 07 / 12 Jun 07
te Expired: May 2010
nufacturer: J.T. Baker
orage Condition: room-temp

Reagent #: 201653
By: TLH
Matrix: aq
Amount: 2 x 500mL (4 x 500ml)
Lot #: C15120

Component	Comment	Standard	Concentration
	J.T. Baker # 6901-05		

mment:

Reagent Preparation Documentation

Reagent: Autocal 2 - low RL
Date Received/Prepped: / / / / /
Date Expired: / / / / /
Manufacturer:
Storage Condition:

MW #: JKZ 080103-1
By: JKZ
Matrix: Aq
Amount: 100 ml
Lot #: NA

Component	Comment	Standard	Concentration
Anion Calib Soln A	12.5 µL	R201651	
Cl = 1000 ppm		Exp. 10/24/08	Cl = 0.125 ppm
NO_3 = 100	dilute to 100 ml w/ DI H_2O		NO_3 = 0.125
SO_4 = 2000			NO_2 = 0.125
Anion Calib Soln B	12.5 µL	R201782	SO_4 = 0.25
NO_2, SO_4 = 100 ppm		Exp 06/28/09	

Comment:

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

MW #: JKZ 080103-2
By: JKZ
Matrix: Aq
Amount: 100 ml
Lot #: NA

Component	Comment	Standard	Concentration
Anion Calib Soln A	25 µL	R 201651	
Cl = 1000 ppm		Exp: 10/24/08	Cl = 0.25 ppm
NO_3 = 100	dilute to 100 ml w/ DI H_2O		NO_3 = 0.25
SO_4 = 2000			NO_2 = 0.25
Anion Calib Soln B	25 µL	R 201782	SO_4 = 0.50
NO_2 = 100 ppm		Exp: 06/28/09	

Comment:

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

MW #: JKZ 080103-3
By: JKZ
Matrix: Aq
Amount: 100 ml
Lot #: NA

Component	Comment	Standard	Concentration
Anion Calib Soln A	50 µL	R 201651	
Cl = 1000 ppm		Exp: 10/24/08	Cl = 0.50 ppm
NO_3 = 100	dilute to 100 ml w/ DI H_2O		NO_3 = 0.050
SO_4 = 2000			NO_2 = 0.050
Anion Calib Soln B	50 µL	R 201782	SO_4 = 1.00
NO_2 = 100 ppm		Exp: 06/28/09	

Comment:

Reagent Preparation Documentation

Reagent: Autocal 5 **MW #:** JKZ080103-4
Date Received/Prepped: / / / / / **By:** JKZ
Date Expired: / / / / / **Matrix:** Aq
Manufacturer: **Amount:** 100 ml
Storage Condition: **Lot #:** NA

Component	Comment	Standard	Concentration
Anion Calib Soln A	100 µL	R201651	
Cl = 1000 ppm		Exp: 10/24/08	Cl = 1.00 ppm
NO_3 = 100	dilute to 100 ml		NO_3 = 0.10
SO_4 = 2000	w/ DI H_2O		NO_2 = 0.10
Anion Calib Soln B	100 µL	R201782	SO_4 = 2.00
NO_2 = 100 ppm		Exp: 06/28/09	

Comment:

Reagent: Autocal 6 **MW #:** JKZ080103-5
Date Received/Prepped: / / / / / **By:** JKZ
Date Expired: / / / / / **Matrix:** Aq
Manufacturer: **Amount:** 100 ml
Storage Condition: **Lot #:** NA

Component	Comment	Standard	Concentration
Anion Calib Soln A	200 µL	R201651	
Cl = 1000 ppm		Exp: 10/24/08	Cl = 2.00 ppm
NO_3 = 100	dilute to 100 ml		NO_3 = 0.20
SO_4 = 2000	w/ DI H_2O		NO_2 = 0.20
Anion Calib Soln B	200 µL	R201782	SO_4 = 4.00
NO_2 = 100 ppm		Exp: 06/28/09	

Comment:

Reagent: Autocal 7 **MW #:** JKZ080103-6
Date Received/Prepped: / / / / / **By:** JKZ
Date Expired: / / / / / **Matrix:** Aq
Manufacturer: **Amount:** 100 ml
Storage Condition: **Lot #:** NA

Component	Comment	Standard	Concentration
Anion Calib Soln A	500 µL	R201651	
Cl = 1000 ppm		Exp: 10/24/08	Cl = 5.00
NO_3 = 100	dilute to 100 ml		NO_3 = 0.50
SO_4 = 2000	w/ DI H_2O		NO_2 = 0.50
Anion Calib Soln B	500 µL	R201782	SO_4 = 10.0
NO_2 = 100 ppm		Exp: 06/28/09	

Comment:

Reagent Preparation Documentation

Reagent: Autocal 8 **MW #:** JK2080103-7
Date Received/Prepped: / / / / / **By:** JKZ
Date Expired: / / / / / **Matrix:** Aq
Manufacturer: **Amount:** 100 ml
Storage Condition: **Lot #:** NA

Component	Comment	Standard	Concentration
Anion Calib Soln A	1.00 ml	R201651	
Cl = 1000 ppm		Exp: 10/24/08	Cl = 10 ppm
NO_3 = 100	dilute to 100 ml		NO_3 = 1.00
SO_4 = 2000	w/ DI H_2O		NO_2 = 0.00
Anion Calib Soln B	1.00 ml	R201752	SO_4 = 20
NO_2 = 100 ppm		Exp: 06/28/09	

Comment:

Reagent: Autocal 9 **MW #:** JK2080103-8
Date Received/Prepped: / / / / / **By:** JKZ
Date Expired: / / / / / **Matrix:** Aq
Manufacturer: **Amount:** 100 ml
Storage Condition: **Lot #:** NA

Component	Comment	Standard	Concentration
Anion Calib Soln A	2.50 ml	R201651	
Cl = 1000 ppm		Exp: 10/24/08	Cl = 25 ppm
NO_3 = 100	dilute to 100 ml		NO_3 = 2.50
SO_4 = 2000	w/ DI H_2O		NO_2 = 2.50
Anion Calib Soln B	2.50 ml	R201752	SO_4 = 50
NO_2 = 100 ppm		Exp: 06/28/09	

Comment:

Reagent: Autocal 10 **MW #:** JK2080103-9
Date Received/Prepped: / / / / / **By:** JKZ
Date Expired: / / / / / **Matrix:** Aq
Manufacturer: **Amount:** 100 ml
Storage Condition: **Lot #:** NA

Component	Comment	Standard	Concentration
Anion Calib Soln A	5.00 ml	R201651	
Cl = 1000 ppm		Exp: 10/24/08	Cl = 50 ppm
NO_3 = 100	dilute to 100 ml		NO_3 = 5
SO_4 = 2000	w/ DI H_2O		NO_2 = 5
Anion Calib Soln B	5.00 ml	R201752	SO_4 = 100
NO_2 = 100 ppm		Exp: 06/28/09	

Comment:

Reagent Preparation Documentation

Reagent: Autocal II
Date Received/Prepped: / / / / /
Date Expired: / / / / /
Manufacturer:
Storage Condition:

MW #: JK2080103-10
By: JKZ
Matrix: Aq
Amount: 100 mL
Lot #: NA

Component	Comment	Standard	Concentration
Anion Calib Soln A	10 mL	R201651	
Cl 1000 ppm	dilute to 100 mL w/ DI H2O	Exp: 10/24/08	Cl = 100 ppm
NO3 100 ↓			NO3 = 10
SO4 200 ↓			NO2 = 10
Anion Calib Soln B	10 mL	R201782	SO4 = 200 ↓
NO2 100 ppm		Exp: 06/28/09	

Comment:

Reagent: HCV2
Date Received/Prepped: / / / / /
Date Expired: / / / / /
Manufacturer:
Storage Condition: fresh daily

MW #: JKZ
By: Aq JKZ
Matrix: ~~None~~ Aq
Amount: 100 mL
Lot #: NA

Component	Comment	Standard	Concentration
Anion Calib Soln A	8 mL	R201651	
Cl 1000 ppm	dilute to 100 mL w/ DI H2O	Exp: 10/24/08	Cl = 80 ppm
NO3 100 ↓			NO3 = 8
SO4 200 ↓			NO2 = 8
Anion Calib Soln B	8 mL	R201782	SO4 = 160 ↓
NO2 100 ppm		Exp: 06/28/09	

Comment:

Reagent: MCV
Date Received/Prepped: / / / / /
Date Expired: / / / / /
Manufacturer:
Storage Condition: fresh daily

MW #:
By: JKZ
Matrix: Aq
Amount: 100 mL
Lot #: NA

Component	Comment	Standard	Concentration
Anion Calib Soln A	2.0	R201651	
Cl 1000 ppm	dilute to 100 mL w/ DI H2O	Exp 10/24/08	Cl = 20 ppm
NO3 100 ↓			NO3 = 2
SO4 2000 ↓			NO2 = 2
Anion Calib Soln B	2.0	R201782	SO4 = 40
NO2 100 ppm		Exp: 06/28/09	

Comment: