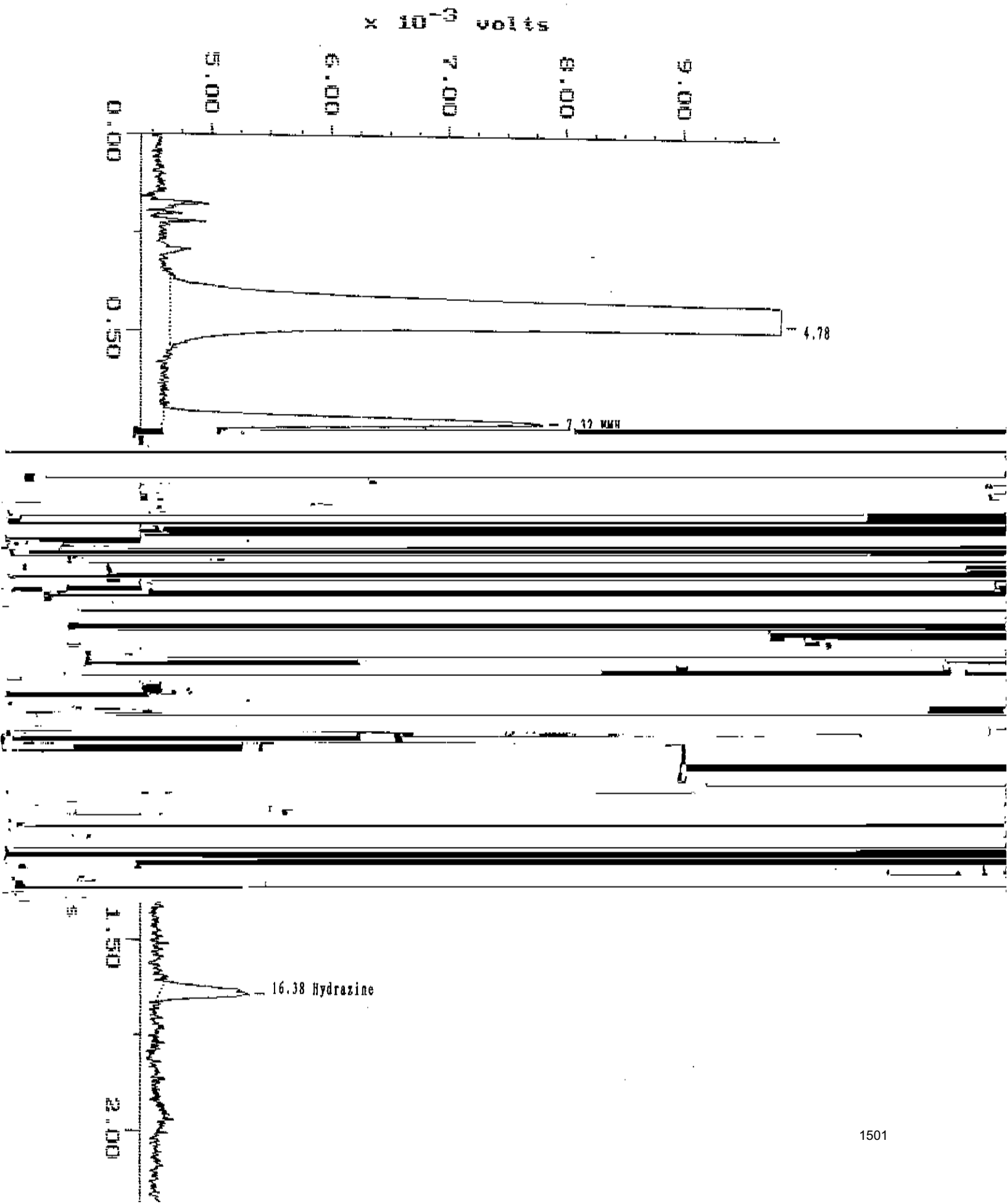
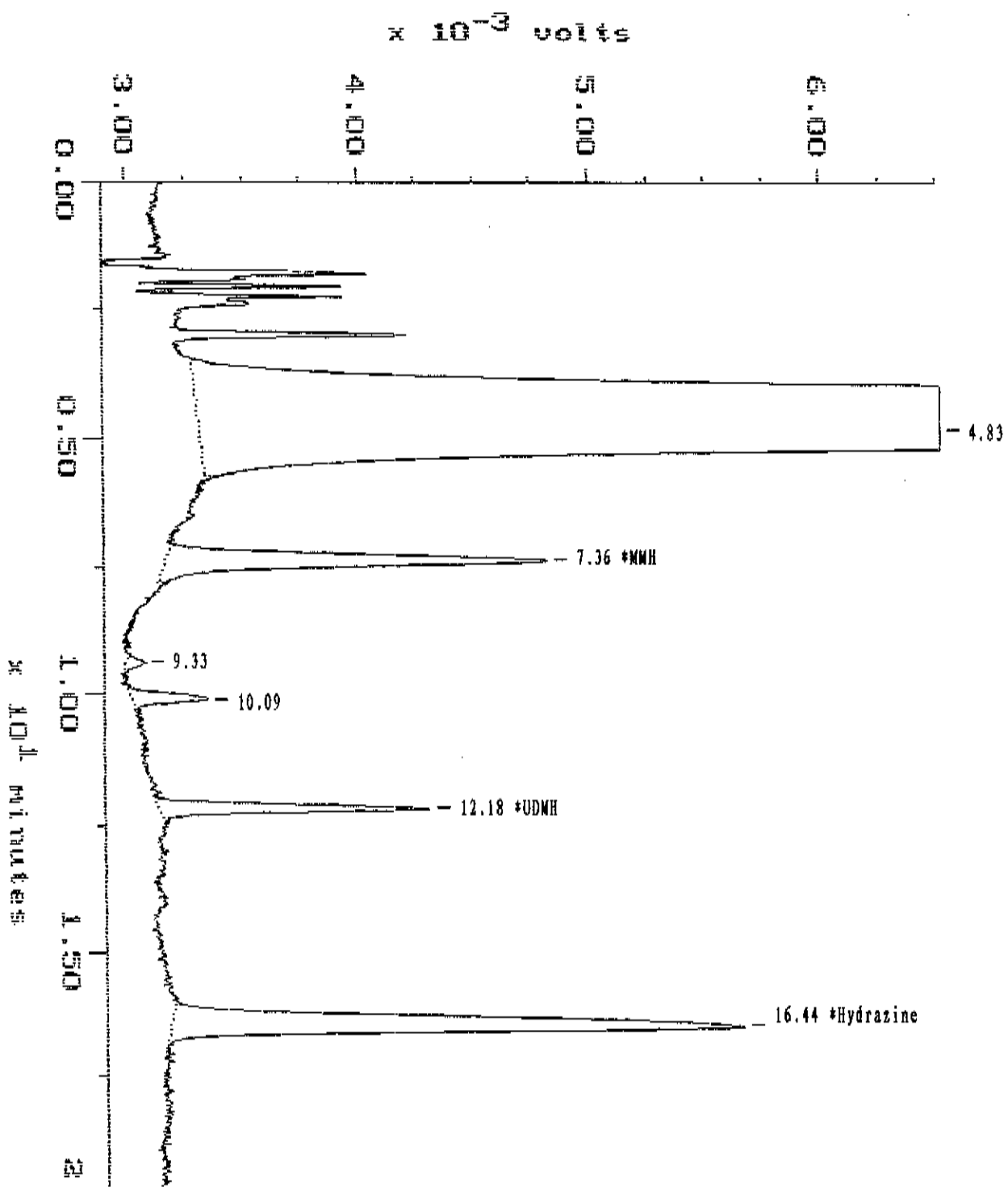
Sample: 707848-Std 3 Channel: UV #1 365
Acquired: 06-NOV-108 12:52 Method: C:\MAX\DATA1\HYD-640

Filename: N0080604
Operator: JS



Sample: 207949-SS4-1 Channel: HW A2 220 Filename: W0000604

Acquired: 06-NOV-108 12:52 Method: C:\MAX\DATA1\HYD-640 Operator: JS



BASELINE 810 CUSTOM REPORT

Printed: 10-NOV-2008 11:33:39

SAMPLE: 707848-Std 4
#5 in Method: EPA8315M,ODS COL,SHIMADZU LC/UV
Acquired: 6-NOV-2008 13:18
Rate: 2.0 points/sec
Duration: 24.000 minutes
Operator: JS

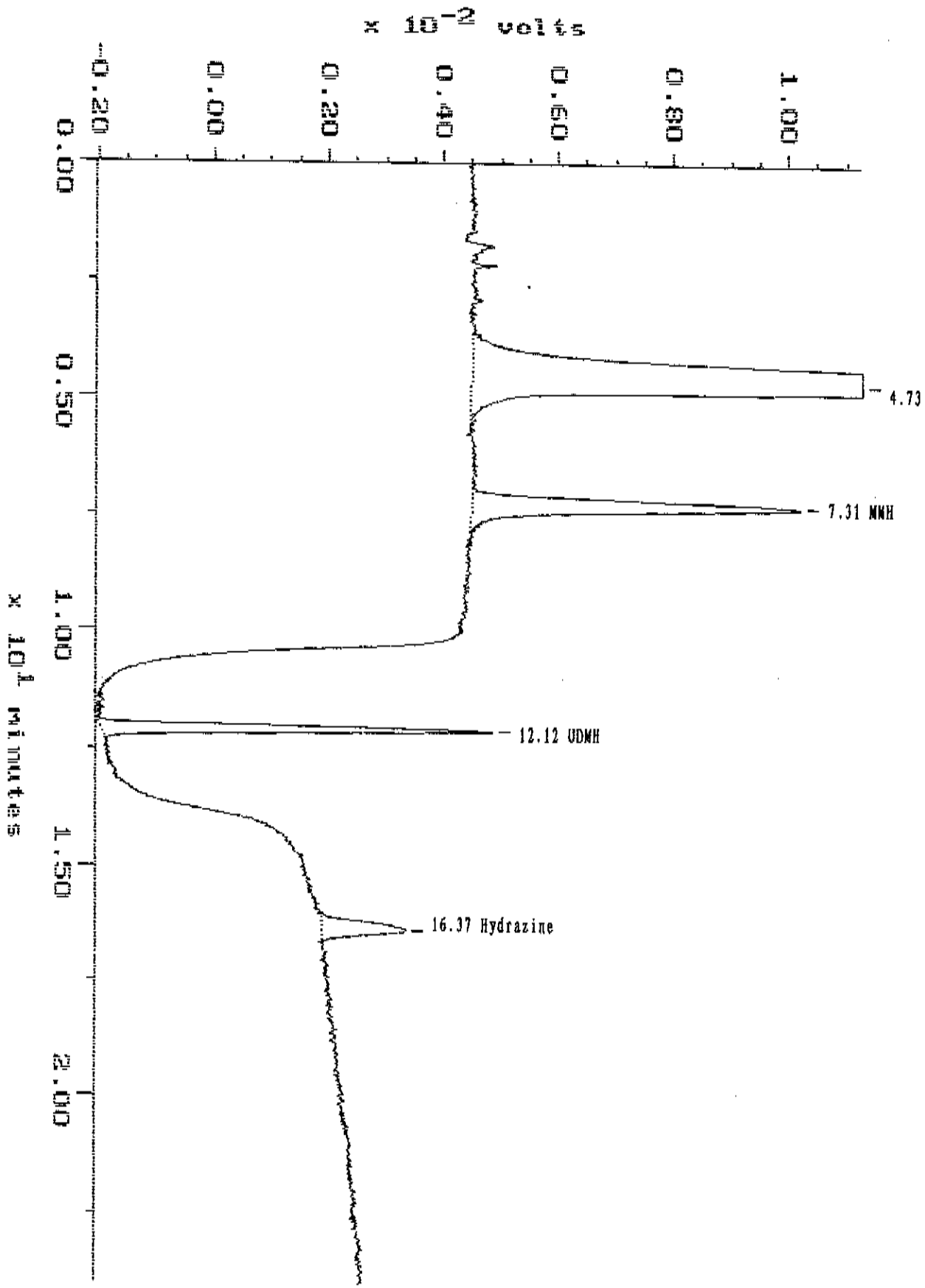
Type: STND
Instrument: Shimadzu 6A
Filename: N0080605
Index: 5

DETECTOR: UV #1 365

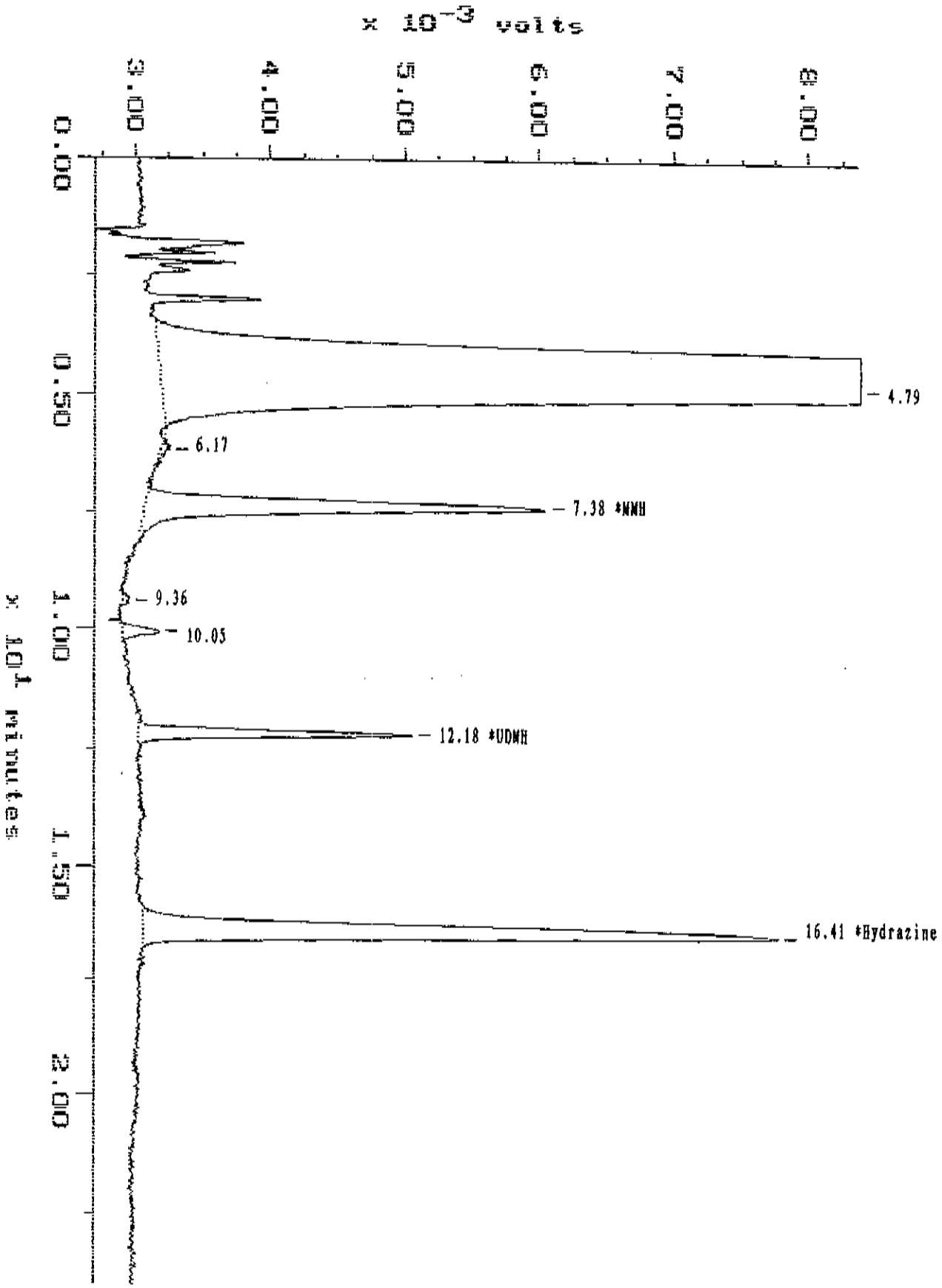
PK#	ID#	Component Name	Retention Time	Peak Area	Sample Conc.
2	1	MMH	7.308	94859	50.0000
3	3	UDMH	12.117	65068	50.0000
4	5	Hydrazine	16.367	25281	10.0000
TOTAL				767895	110.0000

DETECTOR: *UV #2 322

PK#	ID#	Component Name	Retention Time (minutes)	Peak Area	Sample Conc.
2			6.167	1173	
3	2	*MMH	7.375	50218	50.0000
4			9.358	720	
5			10.050	1029	


Sample: 707848-Std 4
Acquired: 06-NOV-108 13:18
Channel: UV #1 365
Method: C:\MAX\DATA1\HYD-640
Filename: N0080605
Operator: JS
x 10⁻² volts
x 10⁻¹ minutes
4.73
7.31 MMH
12.12 UDMH
16.37 Hydrazine

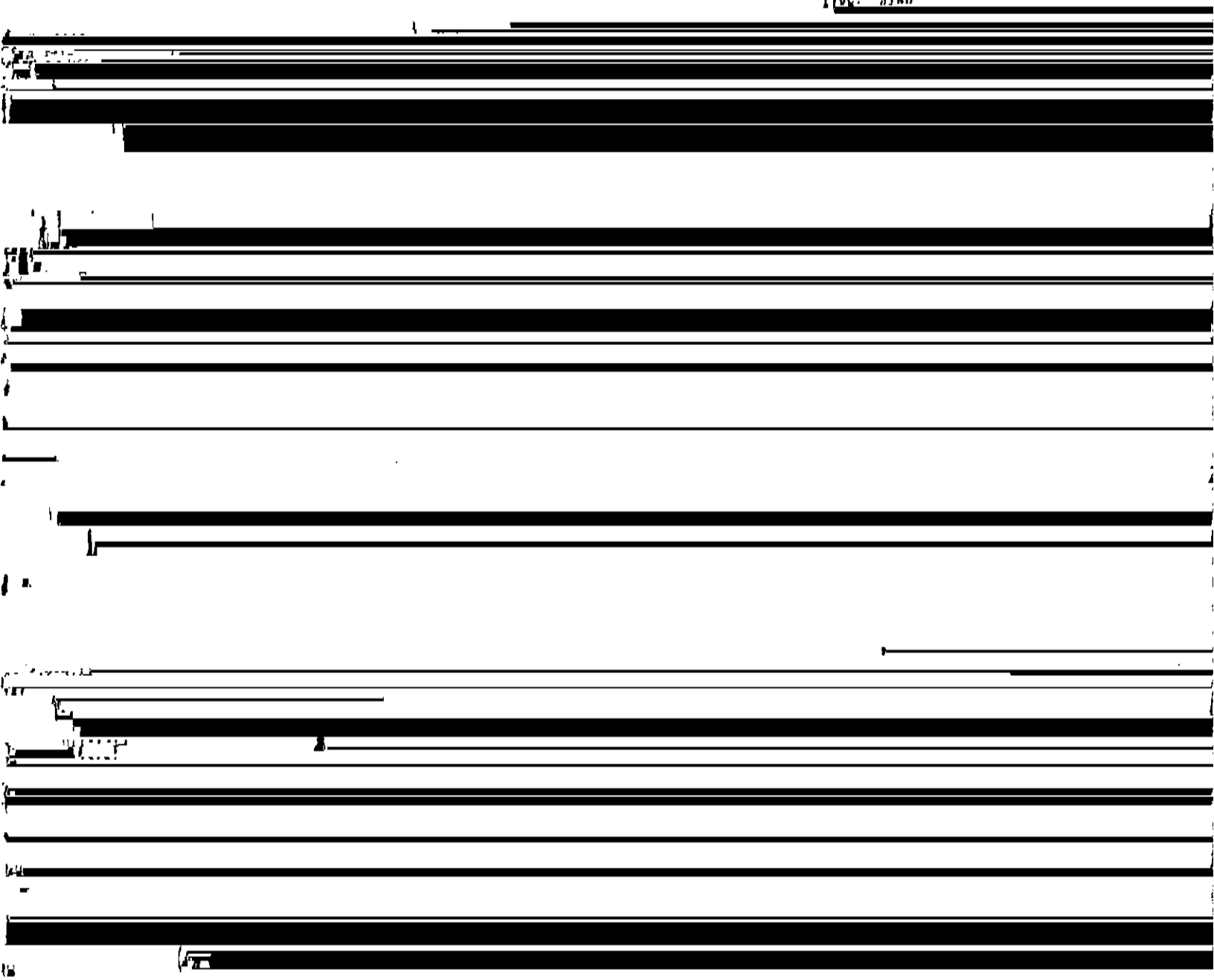
Sample: 707848-Std 4 Channel: *UV #2 322
Acquired: 06-NOV-108 13:18 Method: C:\MAX\DATA1\HYD-640
Filename: N0080605
Operator: JS



BASELINE 810 CUSTOM REPORT

Printed: 10-NOV-2008 11:34:23

SAMPLE: 707848-Std 5 Type: STND



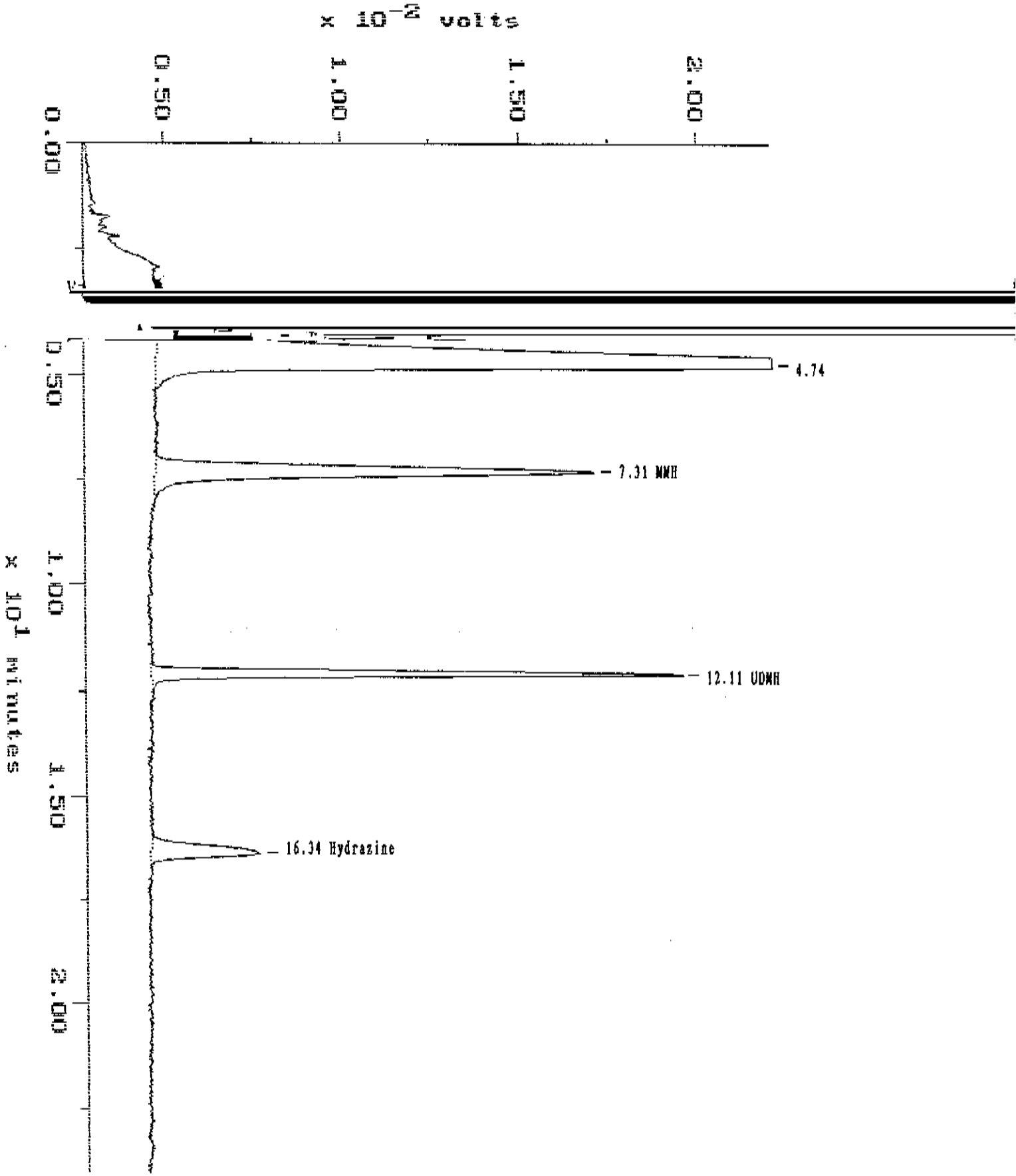
Rate: 2.0 points/sec
Duration: 24.000 minutes
Operator: JS

Index: 6

DETECTOR: UV #1 365

PK#	ID#	Component Name	Retention Time (minutes)	Peak Area	Sample Conc. (ug/L)
---	---	---	---	---	---

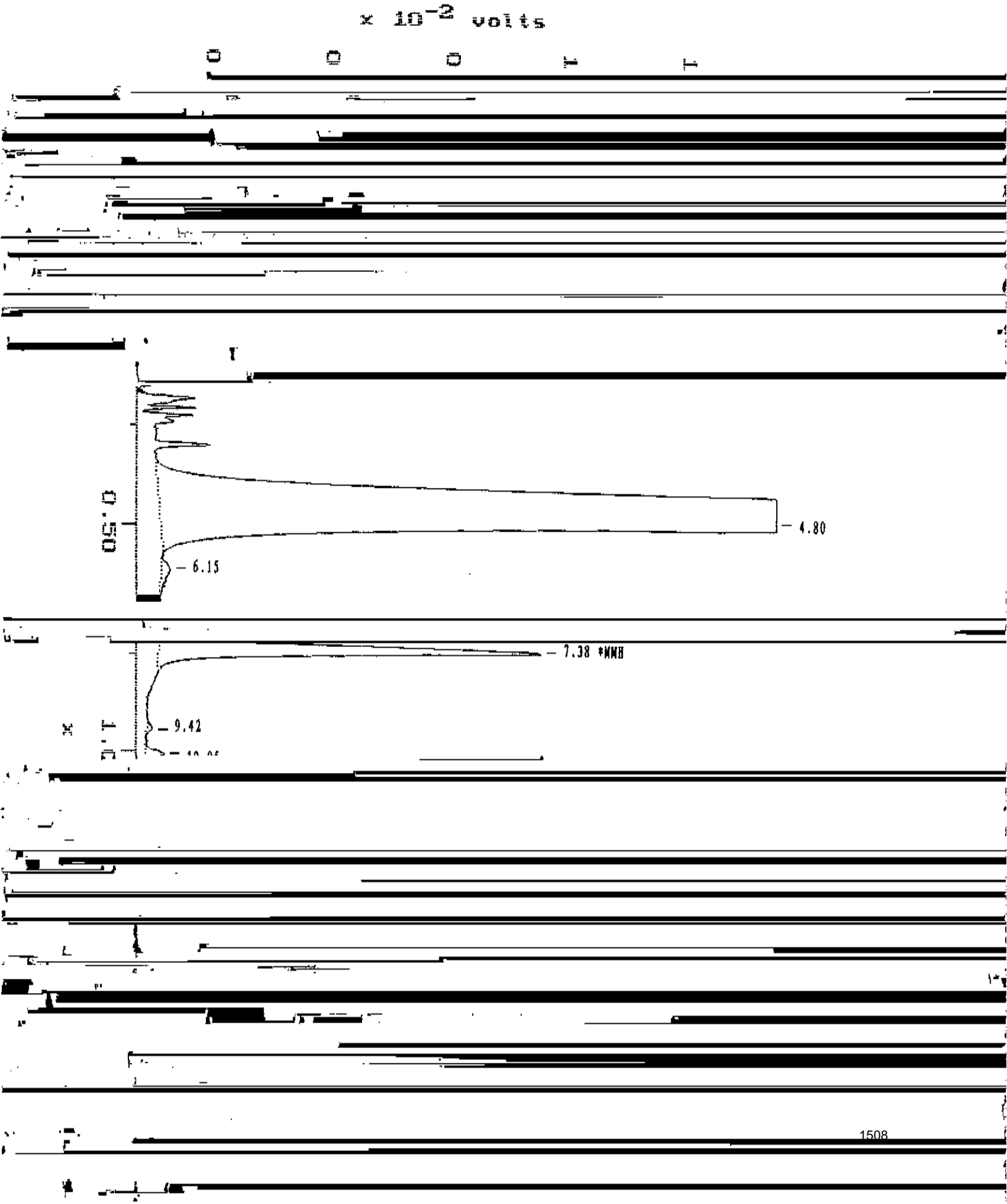
Sample: 707848-Std 5 Channel: UV #1 365 Filename: NO080606
Acquired: 06-NOV-108 13:43 Method: C:\MAX\DATA1\HYD-640 Operator: JS



1507

Sample: 707848-Std 5 Channel: *UV #2 322
Acquired: 06-NOV-108 13:43 Method: C:\MAX\DATA1\HYD-640

Filename: NO080606
Operator: JS



BASELINE 810 CUSTOM REPORT

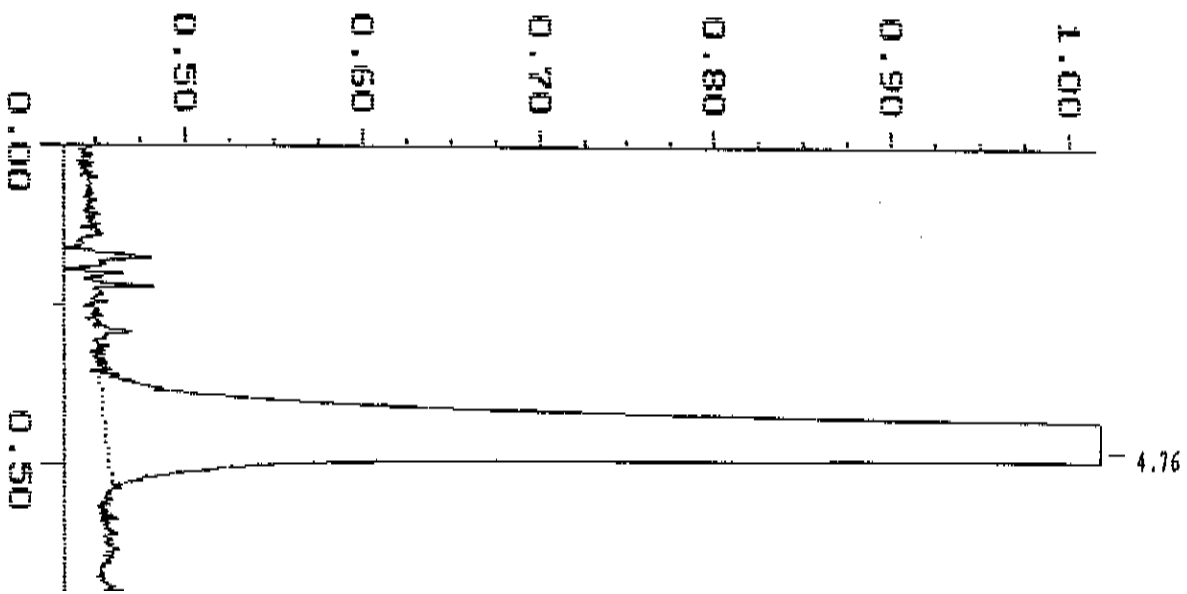
Printed: 10-NOV-2008 11:35:09

SAMPLE: ICV @ 25ppb
#7 in Method: EPA8315M,ODS COL,SHIMADZU LC/UV
Acquired: 6-NOV-2008 14:08
Rate: 2.0 points/sec
Duration: 24.000 minutes
Operator: JS

Type: UNKN
Instrument: Shimadzu 6A
Filename: N0080607
Index: 7

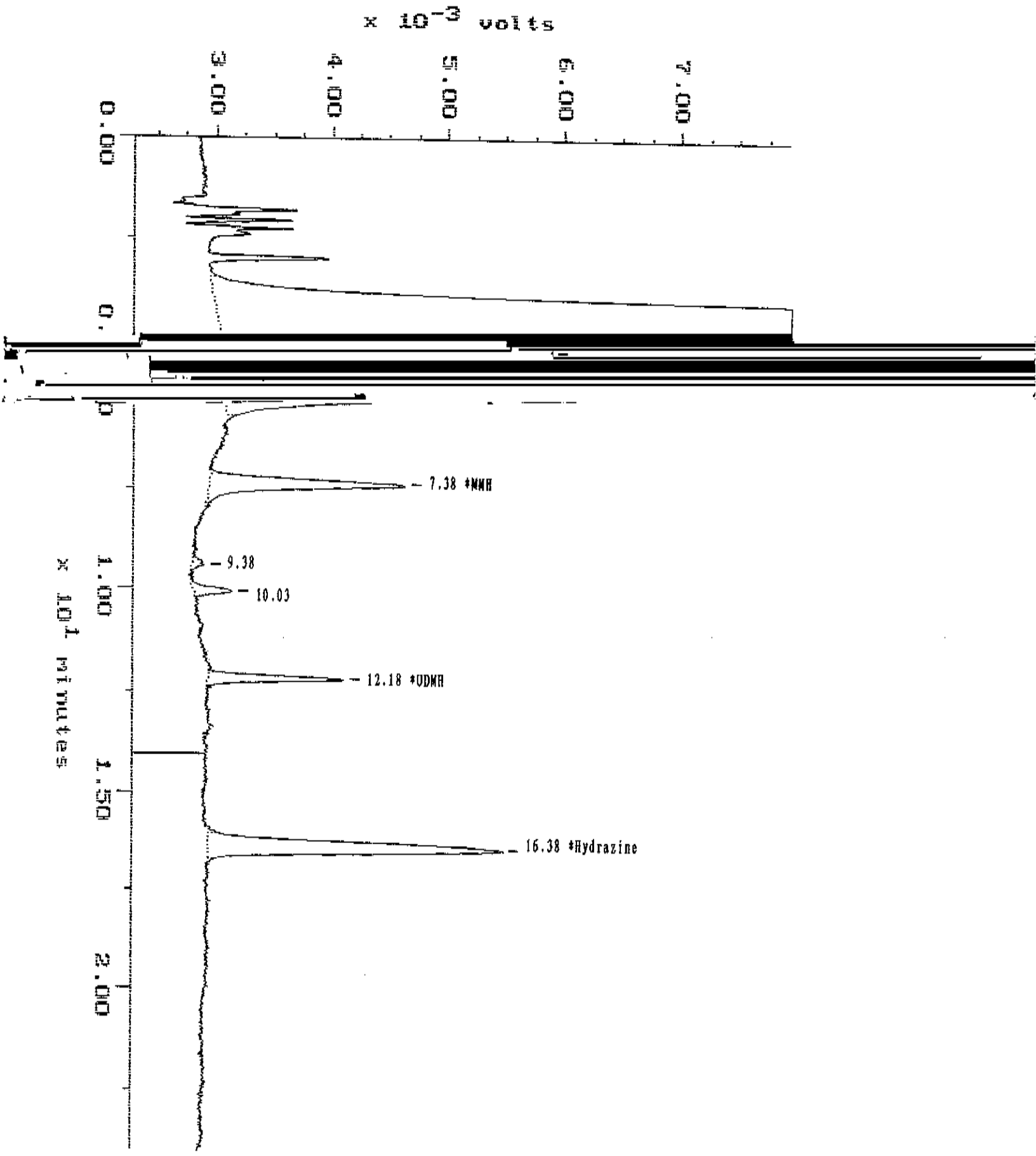
DETECTOR: UV #1 365

PK#	ID#	Component Name	Retention Time (minutes)	Peak Area	Sample Conc. (ug/L)
1			4.758	746615	
2	1	MMH	***		


0.00
0.50
0.50
0.60
0.70
0.80
0.90
1.00
4.76

Sample: ICV @ 25ppb Channel: *UV #2 322
Acquired: 06-NOV-108 14:08 Method: C:\MAX\DATA1\HYD-640

Filename: NO080607
Operator: JS



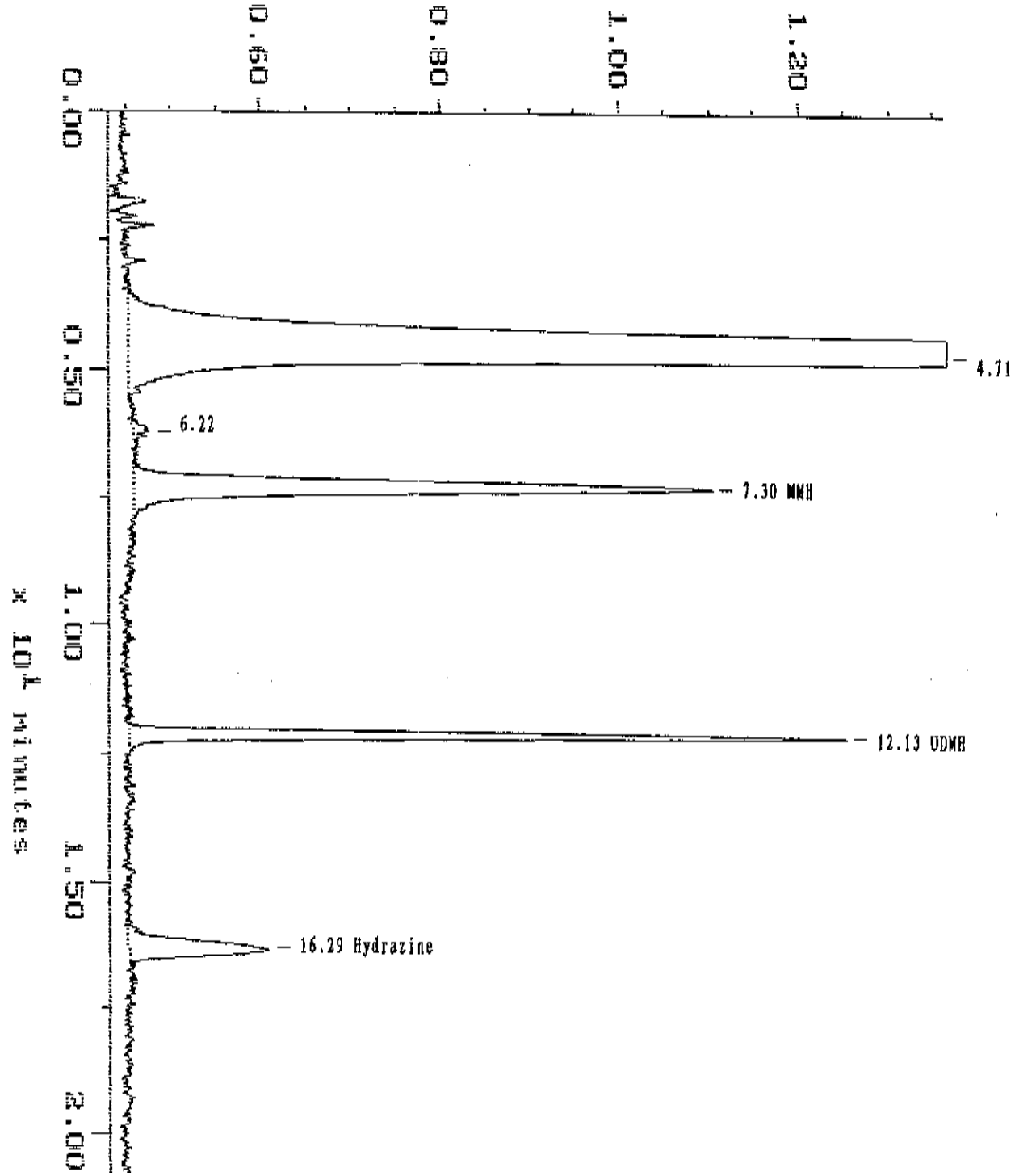
Printed: 10-NOV-2008 11:35:52

SAMPLE: 707848-LCS Type: UNKN

#8 in Method: RPA8315M.ONS COT SHIMADZU LC/MS

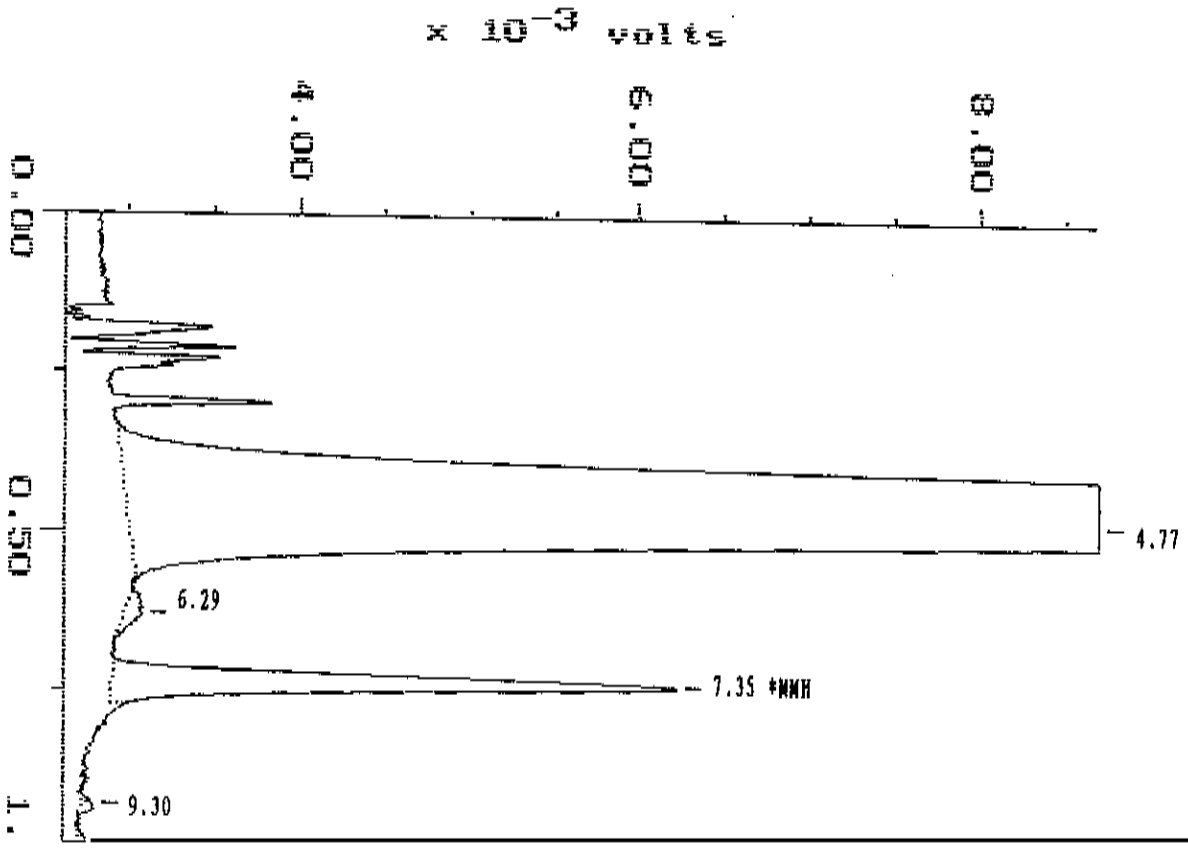
Sample: 707848-LCS Channel: UV #1 365 Filename: N0080608

Acquired: 06-NOV-08 14:34 Method: C:\MAX\DATA\2VD_Z40



Sample: 707848-LCS Channel: *UV #2 322 Filename: NO080608

Acquired: 06-NOV-108 14:24



BASELINE 810 CUSTOM REPORT

Printed: 10-NOV-2008 11:36:37

SAMPLE: 707848-LCSD
#9 in Method: EPA8315M,ODS COL,SHIMADZU LC/UV
Acquired: 6-NOV-2008 14:59
Rate: 2.0 points/sec
Duration: 24.000 minutes
Operator: JS

Type: UNKN
Instrument: Shimadzu 6A
Filename: N0080609
Index: 9

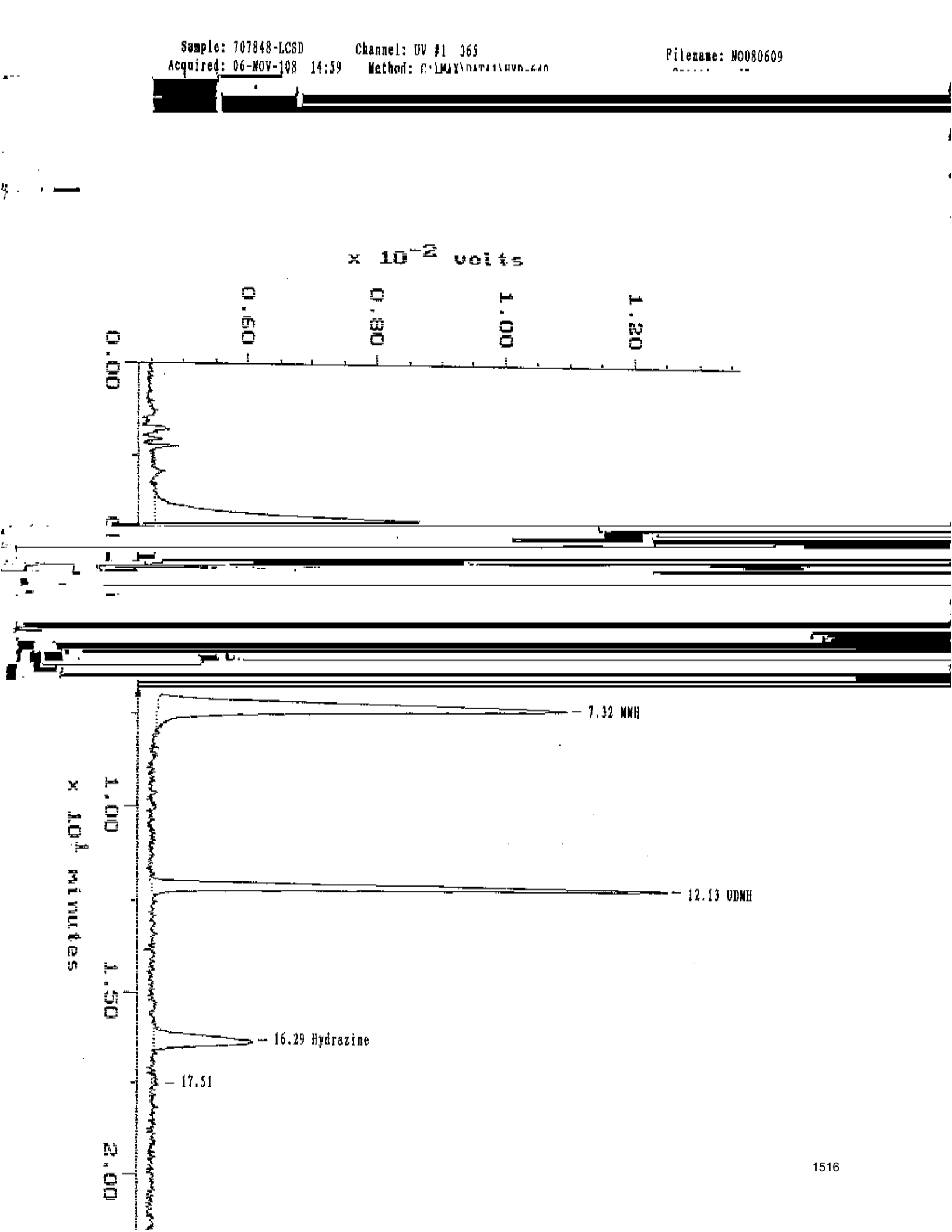
DETECTOR: UV #1 365

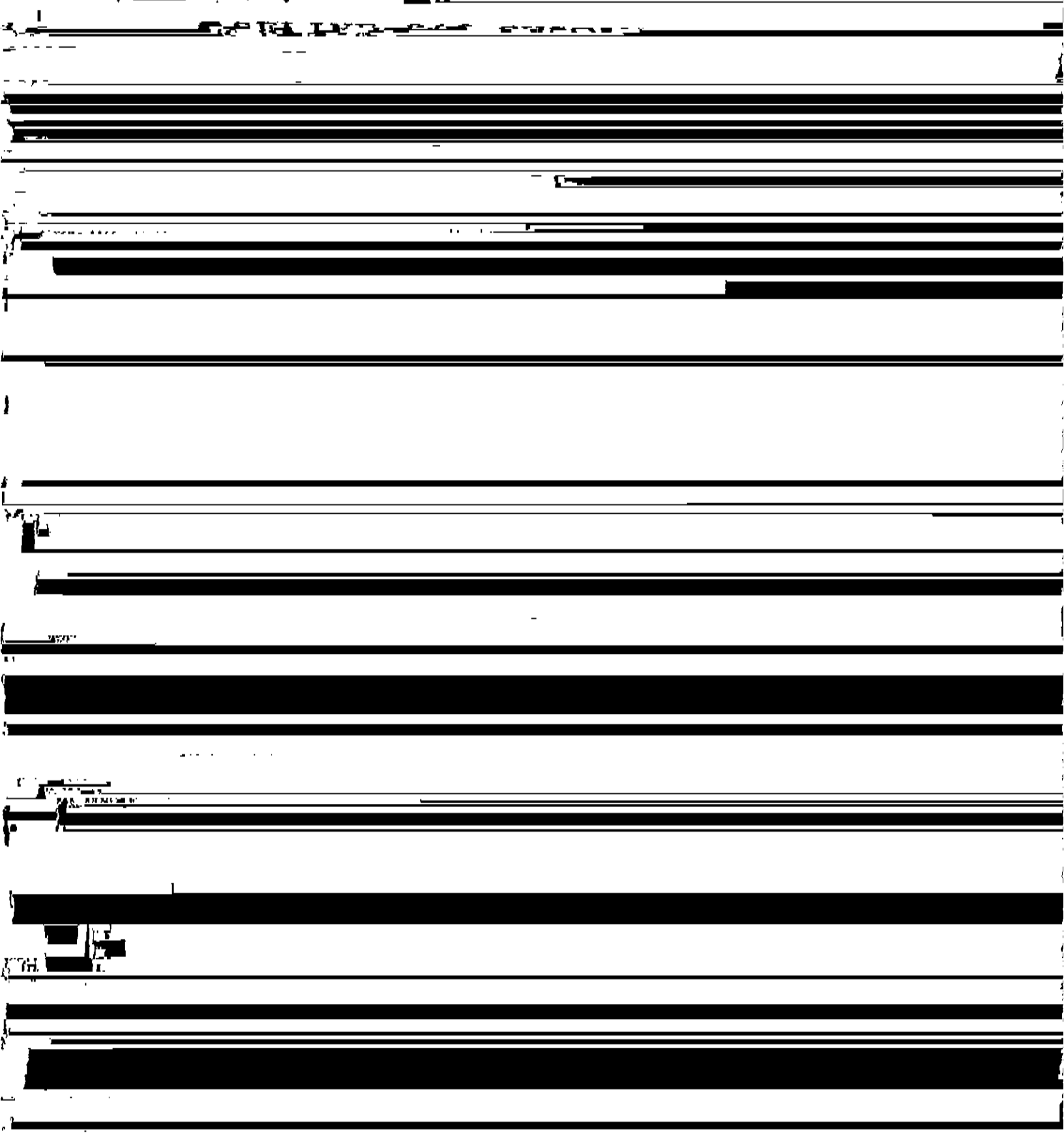
PK#	ID#	Component Name	Retention Time (minutes)	Peak Area	Sample Conc. (ug/L)
1			4.708	687524	
2			6.308	2850	
3	1	MMH	7.317	106560	53.5097
4	3	UDMH	12.125	75284	54.1107
5	5	Hydrazine	16.292	26913	9.9276
6			17.508	1193	
TOTAL				900325	117.5480

DETECTOR: *UV #2 322

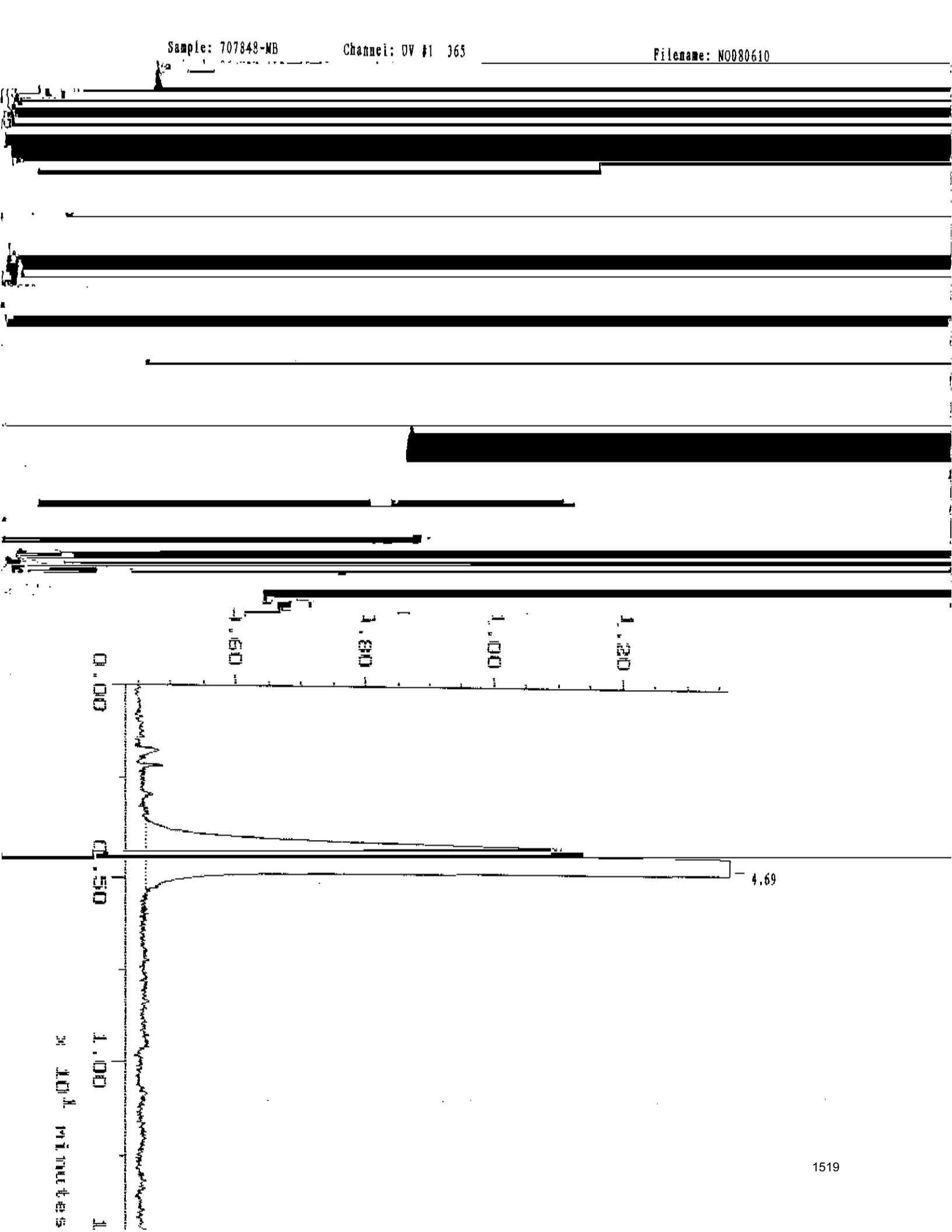
PK#	ID#	Component Name	Retention Time (minutes)	Peak Area	Sample Conc. (ug/L)
1			4.775	4548044	
2			6.292	3216	
3	2	*MMH	7.375	57165	54.8074
4			9.300	1161	
5			10.025	3467	
6	4	*UDMH	12.192	22719	53.0965
7	6	*Hydrazine	16.392	88489	9.6576
TOTAL				4724261	117.5616

Sample: 707848-LCSD Channel: UV #1 365 Filename: NO080609
Acquired: 06-NOV-108 14:59 Method: C:\MAY\DATA1\HYD_540

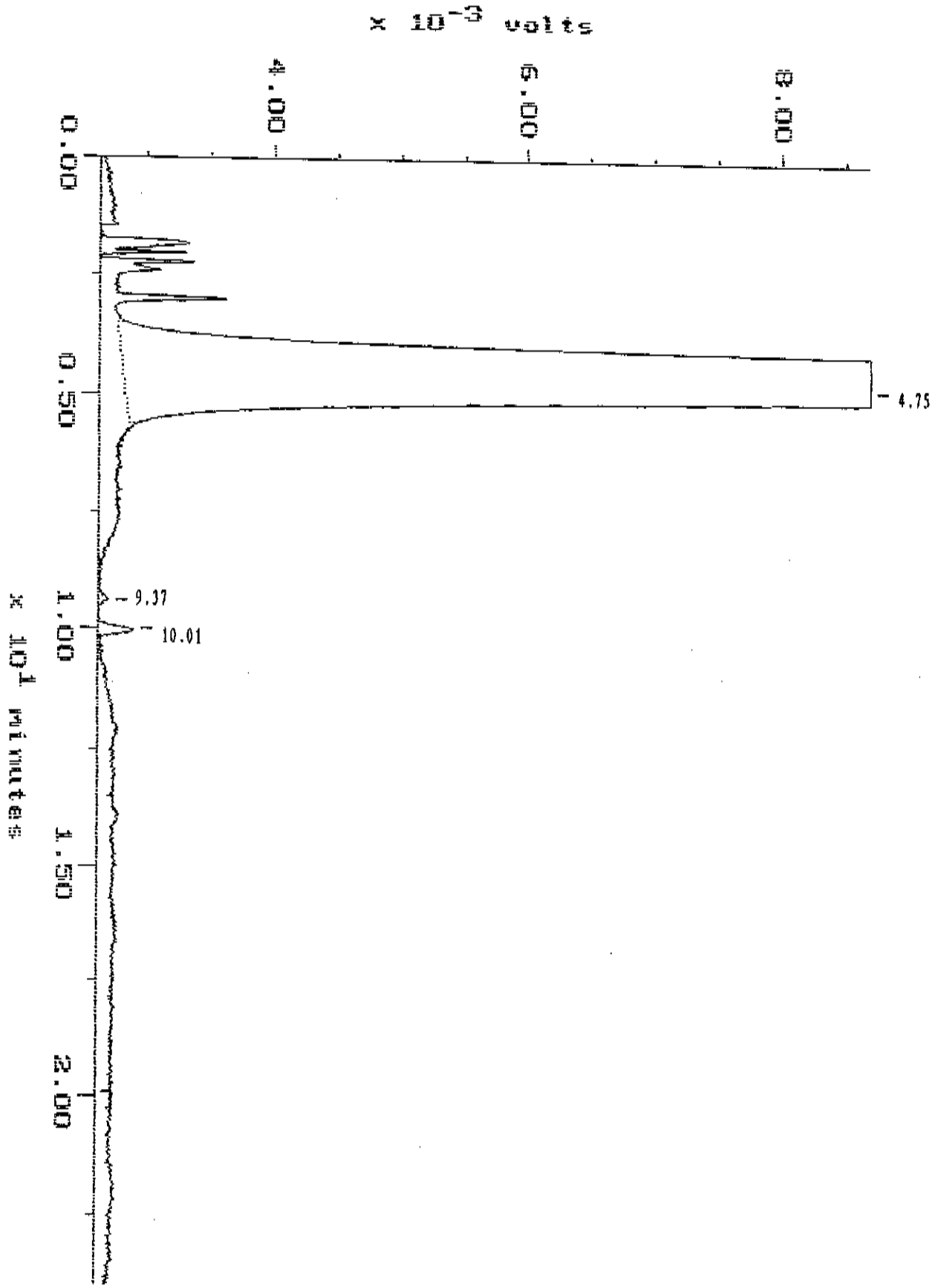




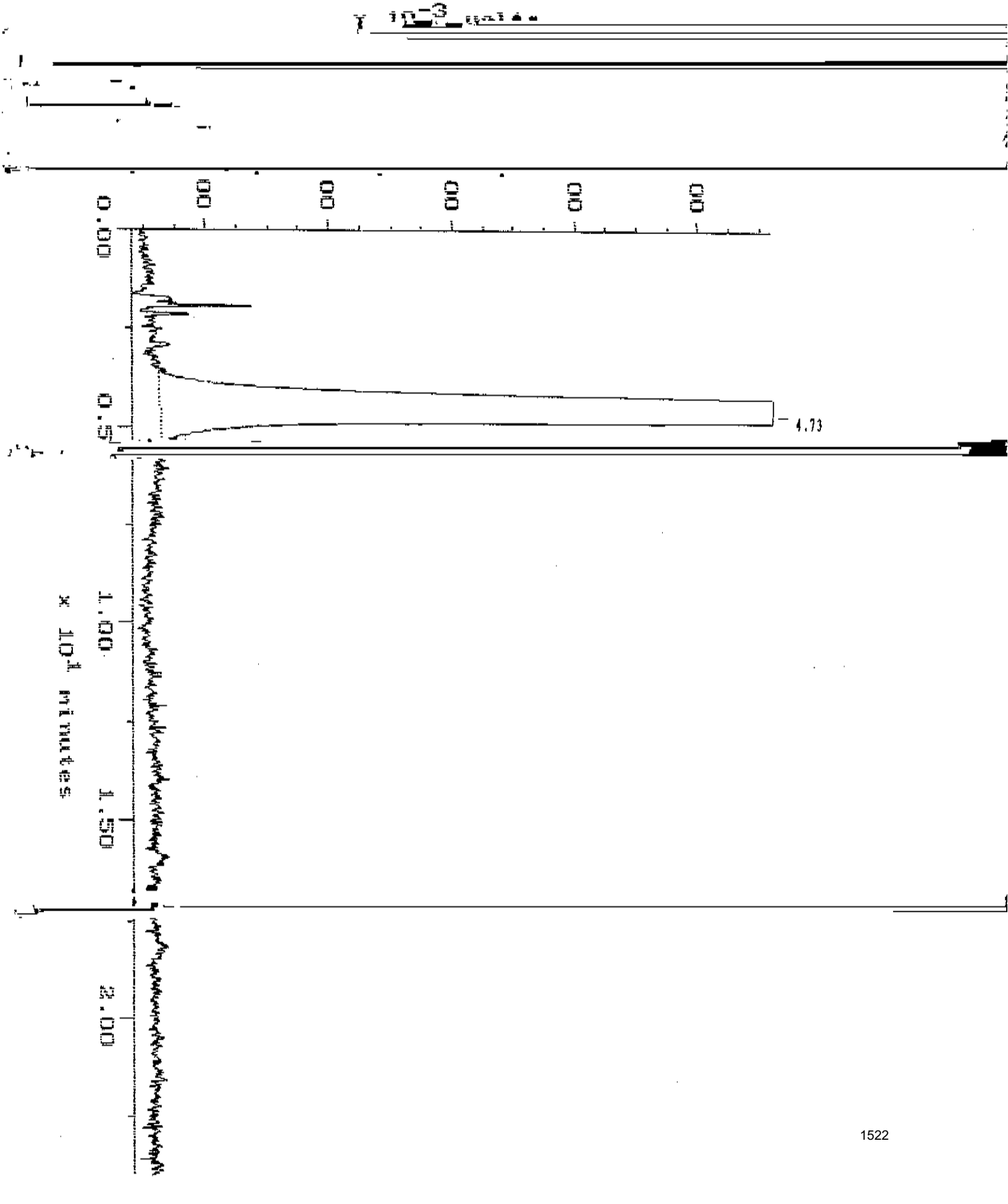
Sample: 707848-MB Channel: UV #1 365 Filename: N0080610

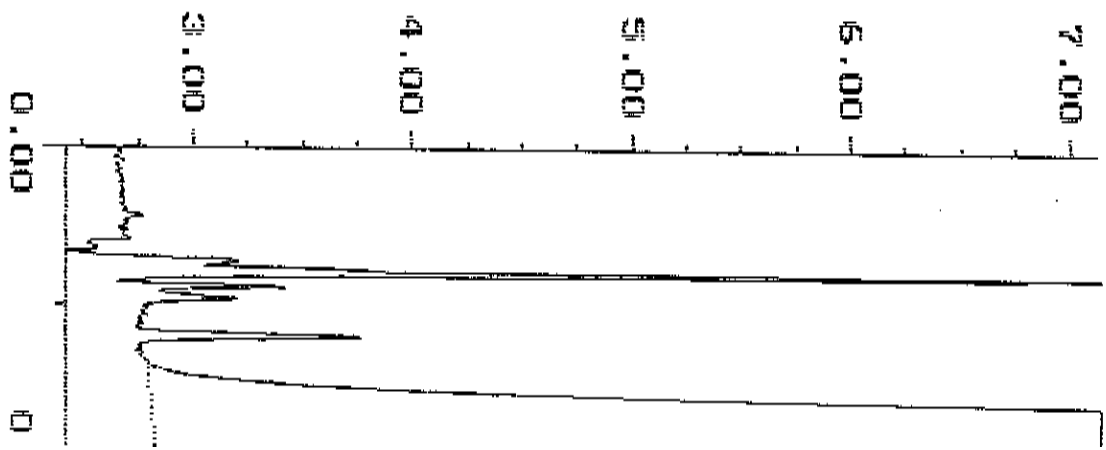


Sample: 707848-MB
Acquired: 06-NOV-108 15:25
Channel: *UV #2 322
Method: C:\MAX\DATA1\HYD-640
Filename: NC080610
Operator: JS



Sample: 979607 Channel: UV #1 365 Filename: N0080611
Acquired: 06-NOV-108 15:51 Method: C:\MAX\DATA1\HYD-640 Operator: JS

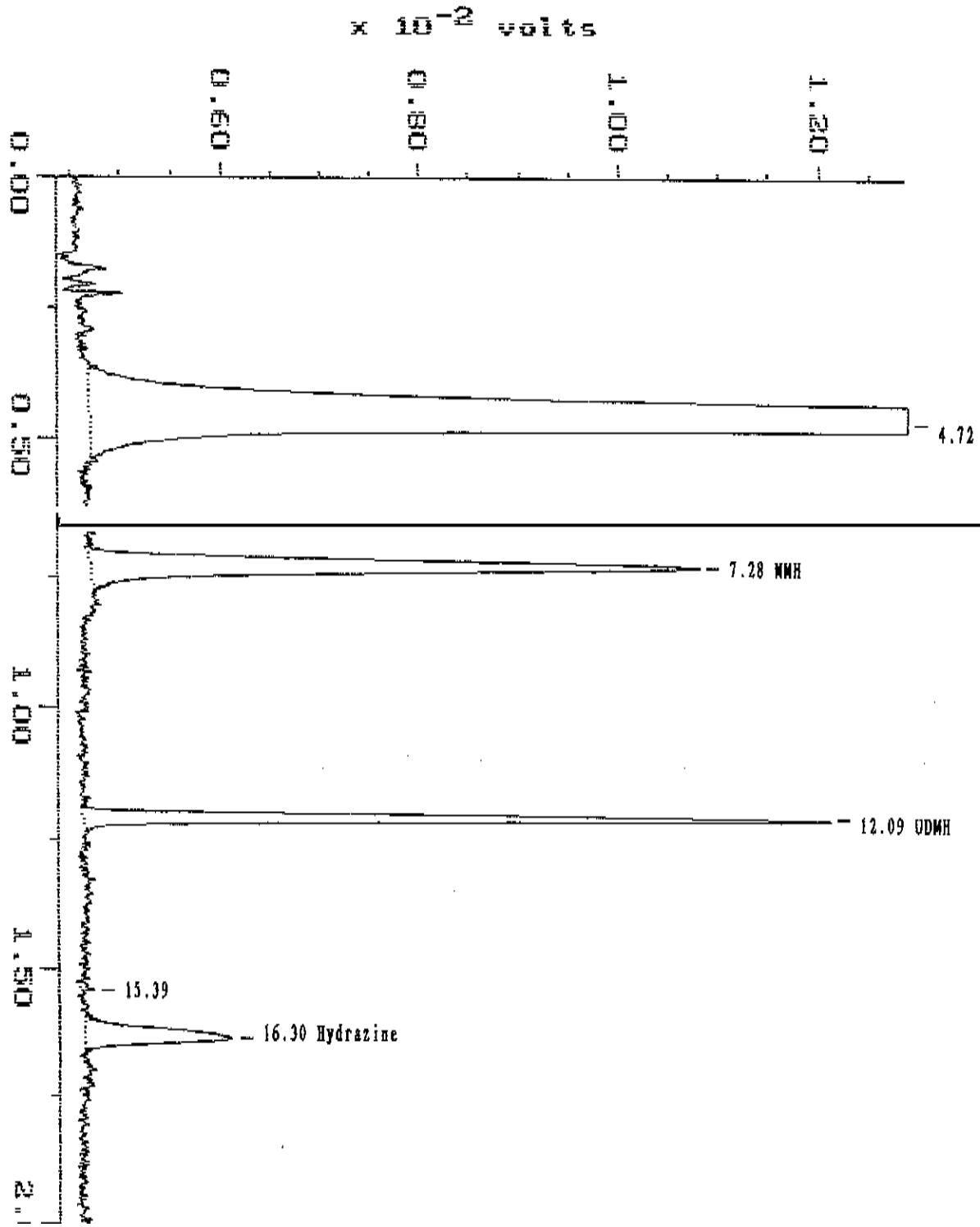


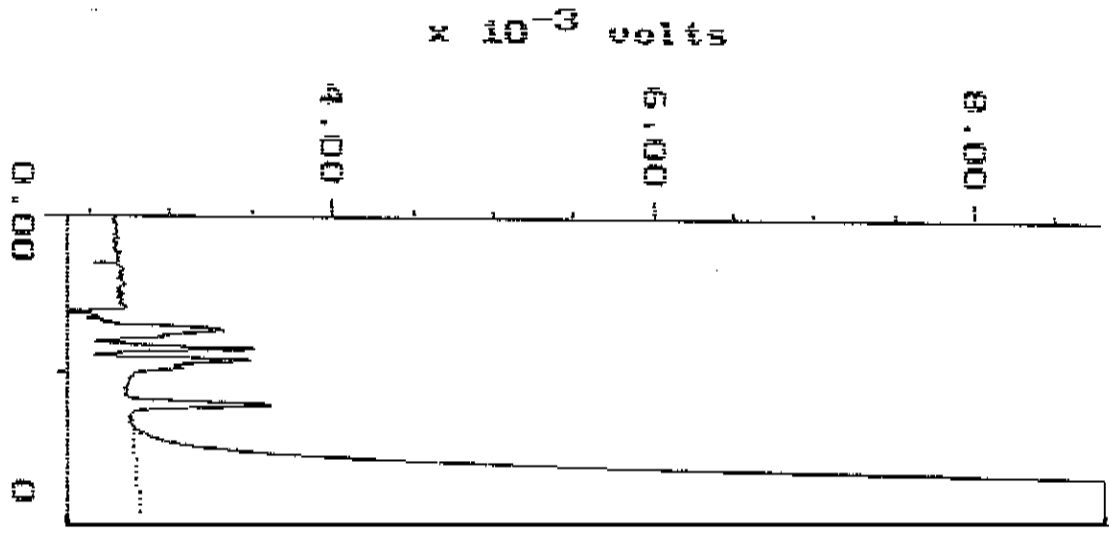

00'0
00'15
00'4
00'55
00'6
00'2
0

[redacted]

Sample: 979607 MS Channel: UV #1 165 File:

Acquired: 06-NOV-108 16:16 Method: C:\WAX\DATA1\HYD-640 Operator: JS




x 10⁻³ volts
00'4
00'6
00'8
00'0
0

BASELINE (c)1990 Dynamic Solutions, Division of Millipore

BASELINE 810 CUSTOM REPORT

Printed: 10-NOV-2008 11:39:32

SAMPLE: 979607 MSD

#13 in Method: EPA8315M,ODS COL,SHIMADZU LC/UV

Type: UNKN

Instrument: Shimadzu 6A

Acquired: 6-NOV-2008 16:41

Filename: NO080613

[redacted]

Duration: 24.000 minutes

Operator: JS

DETECTOR: UV #1 365

PK#	ID#	Component Name	Retention Time (minutes)	Peak Area	Sample Conc. (ug/L)
1			4.708	647886	
2	1	MMH	7.292	100401	50.4168
3	3	UDMH	12.100	69397	49.8791
4			13.267	1105	
5	[redacted]	[redacted]	[redacted]	[redacted]	

[redacted]

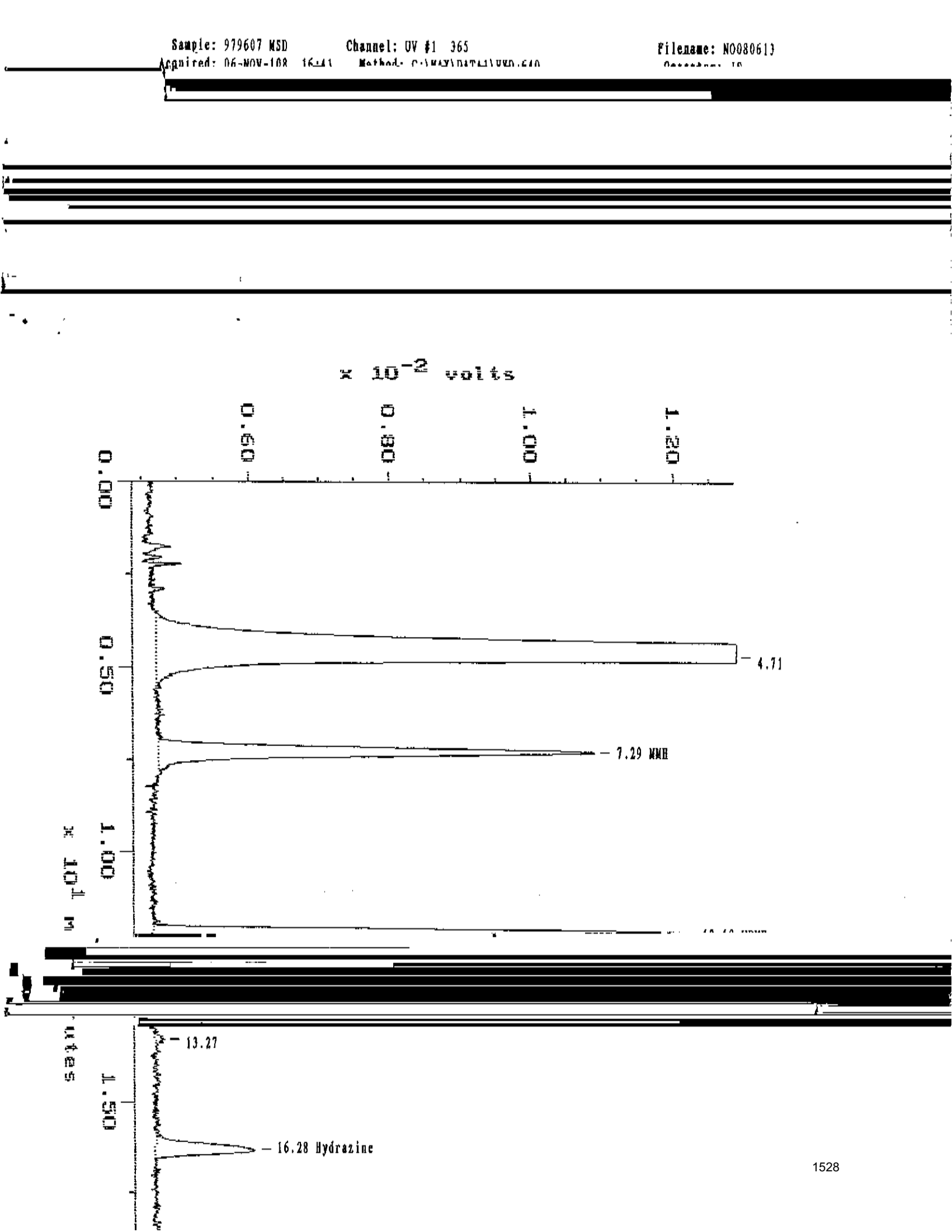
TOTAL				844626	109.8264

DETECTOR: *UV #2 322

PK#	ID#	Component Name	Retention Time (minutes)	Peak Area	Sample Conc. (ug/L)
1			4.775	4297384	
2	2	*MMH	7.358	51751	49.6169
3			9.342	882	
4	[redacted]	[redacted]	[redacted]		

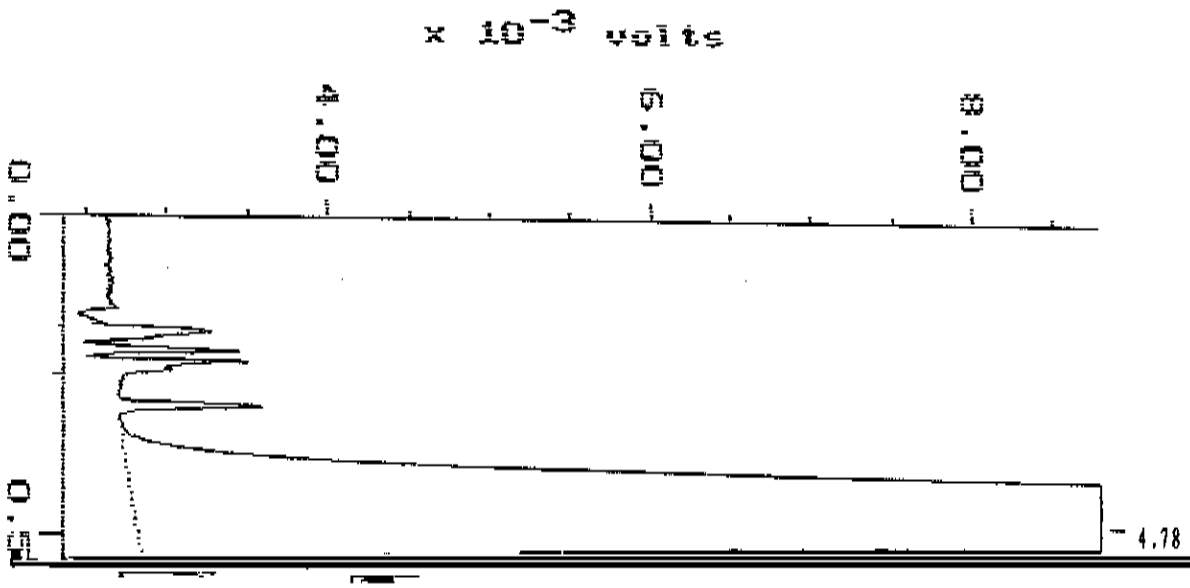
1527

Sample: 979607 MSD Channel: UV #1 365 Filename: NO080613



Sample: 979607 MSD Channel: *UV #2 322
Acquired: 06-NOV-108 16:41 Method: C:\MAX\DATA1\HYD-640

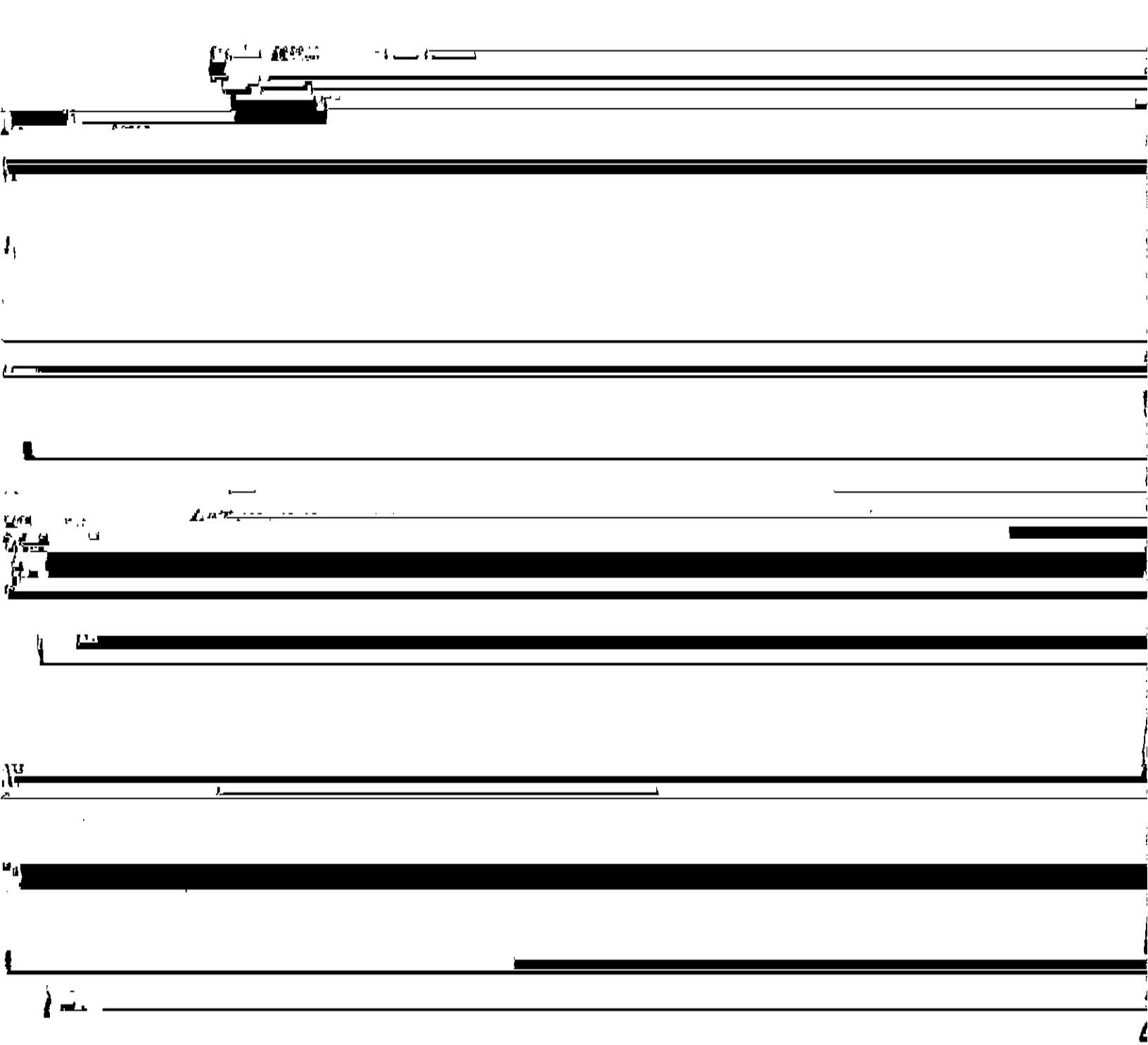
Filename: NO080613
Operator: JS

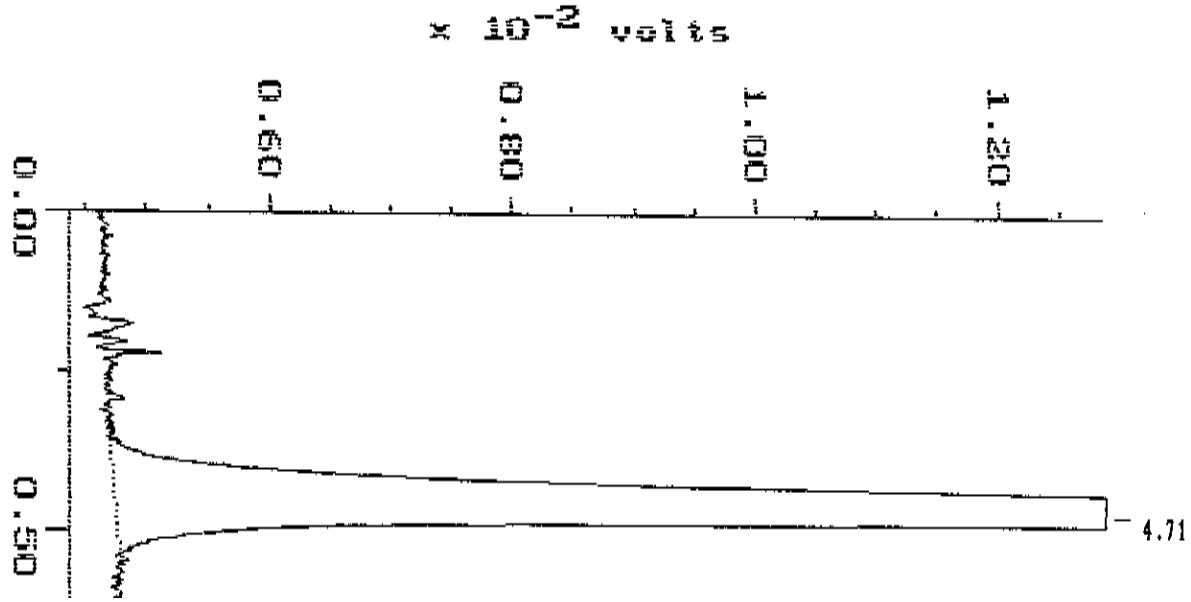


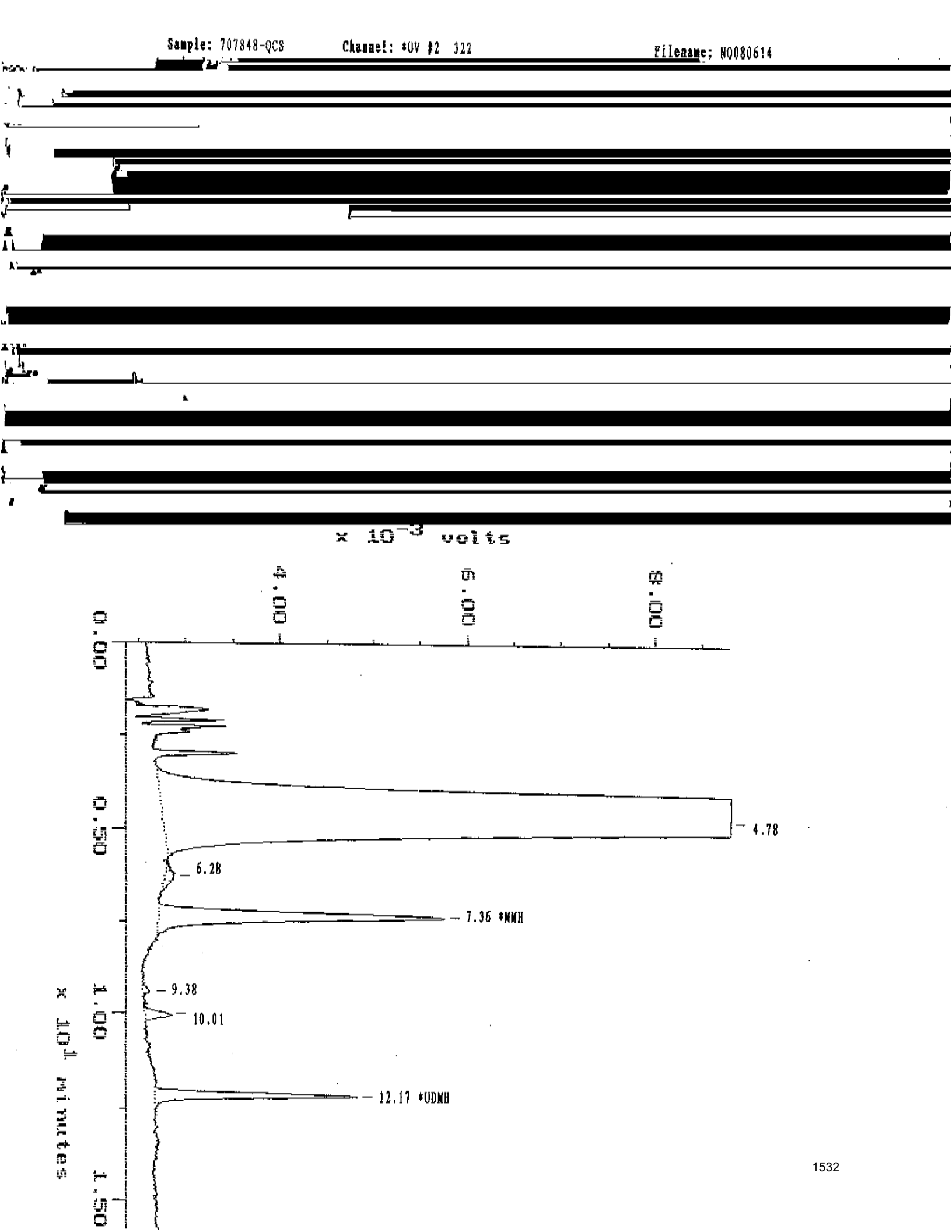
BASELINE 810 CUSTOM REPORT

Printed: 10-NOV-2008 11:40:16

SAMPLE: 707848-QCS Type: UNKN




x 10⁻² volts
00.0
05.0
08.0
00.1
02.1
05.0
4.71


Sample: 707848-QCS
Channel: *UV #2 322
Filename: NQ080614
x 10⁻³ volts
0.00
0.50
1.00
1.50
0.4
0.6
0.8
4.78
6.28
7.36 *NNH
9.38
10.01
12.17 *UDMH
x 10¹ minutes

BASELINE 810 CUSTOM REPORT

SAMPLE: MP BLANK 2
#15 in Method: EPA8315M,ODS COL,SHIMADZU LC/UV
Acquired: 6-NOV-2008 17:32
Rate: 2.0 points/sec
Duration: 24.000 minutes
Operator: JS

Type: UNKN
Instrument: Shimadzu 6A
Filename: N0080615
Index: 15

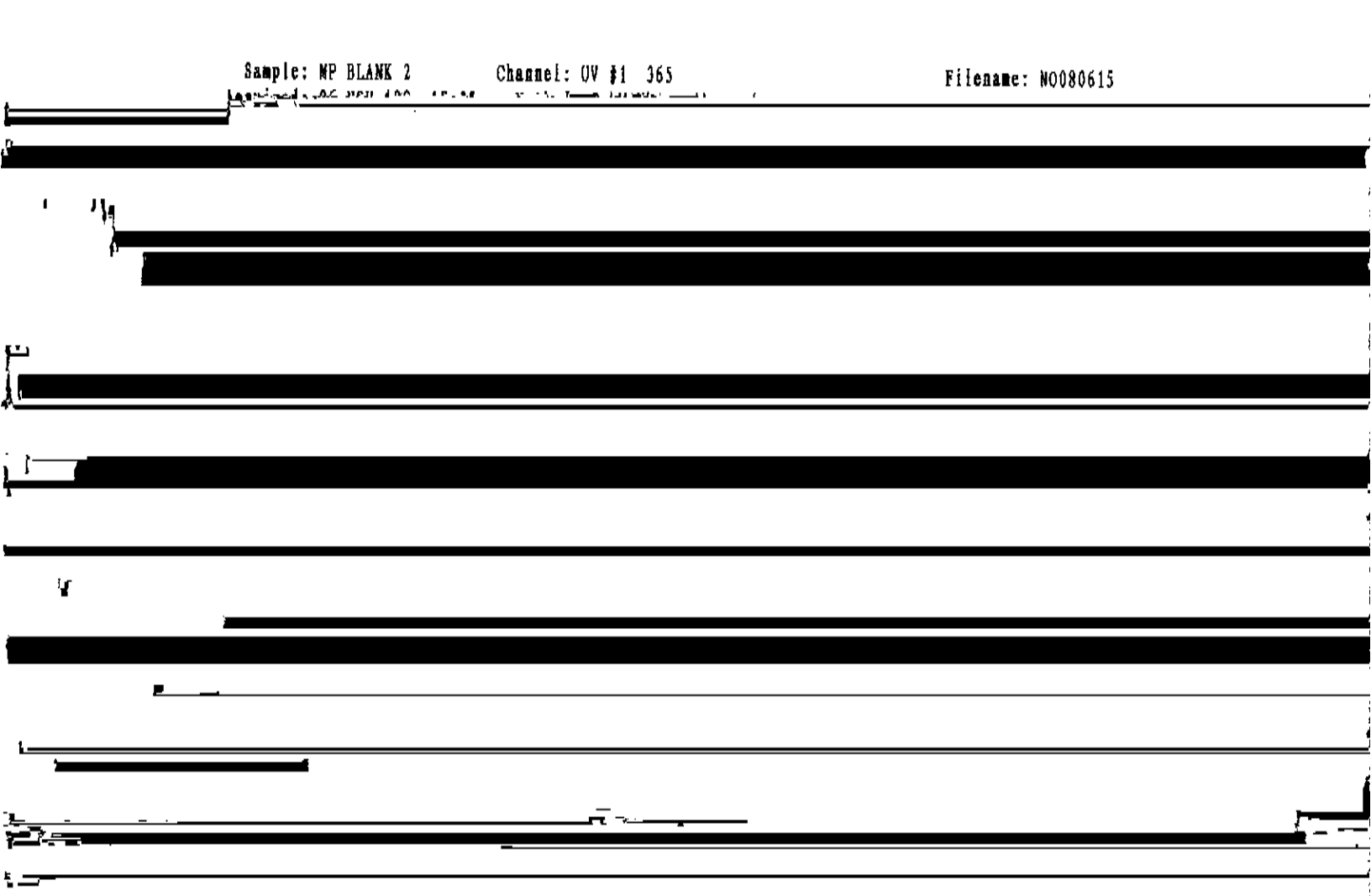
DETECTOR: UV #1 365

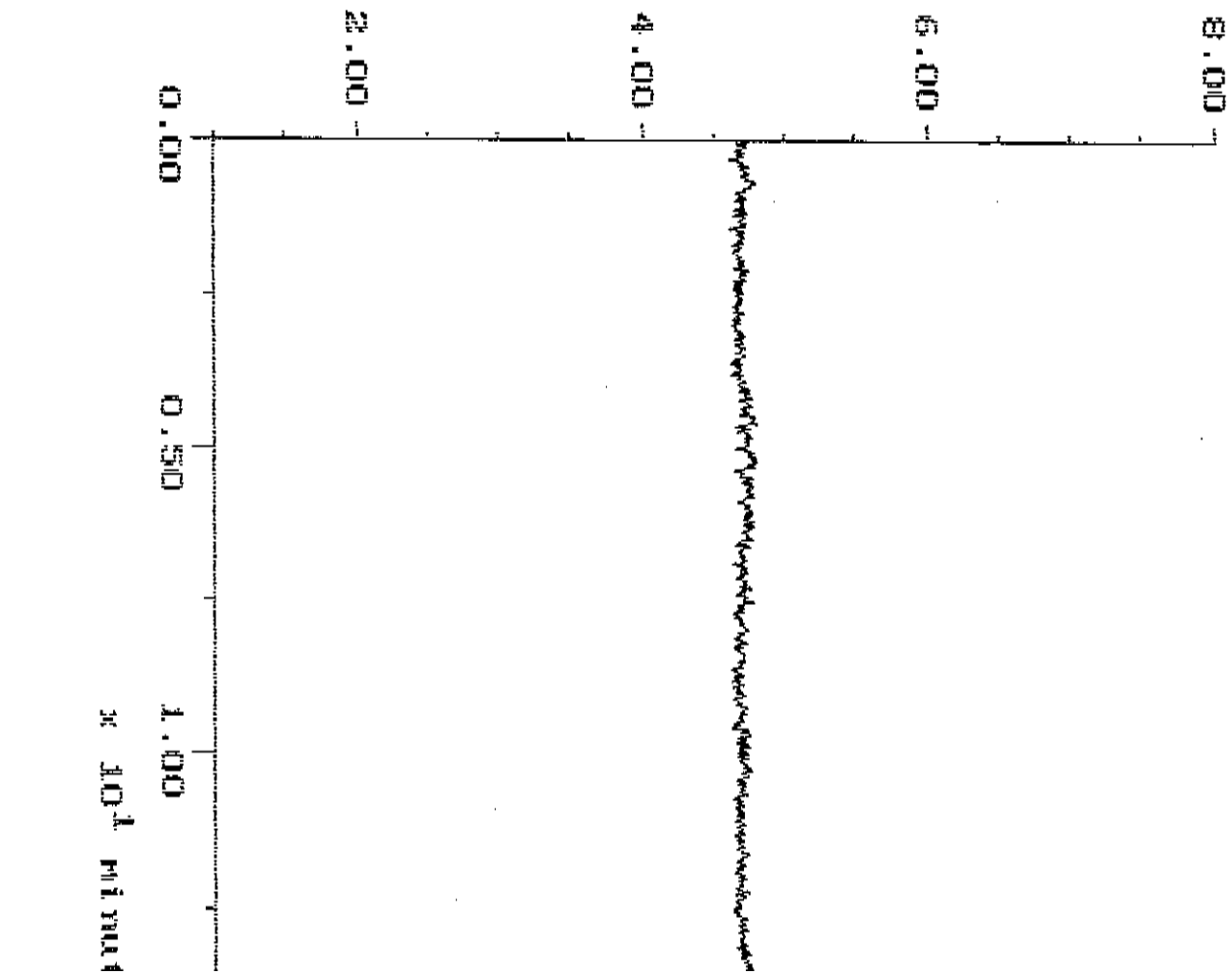
PK#	ID#	Component Name	Retention Time (minutes)	Peak Area	Sample Conc. (ug/L)
---	---	---	---	---	---

DETECTOR: *UV #2 322

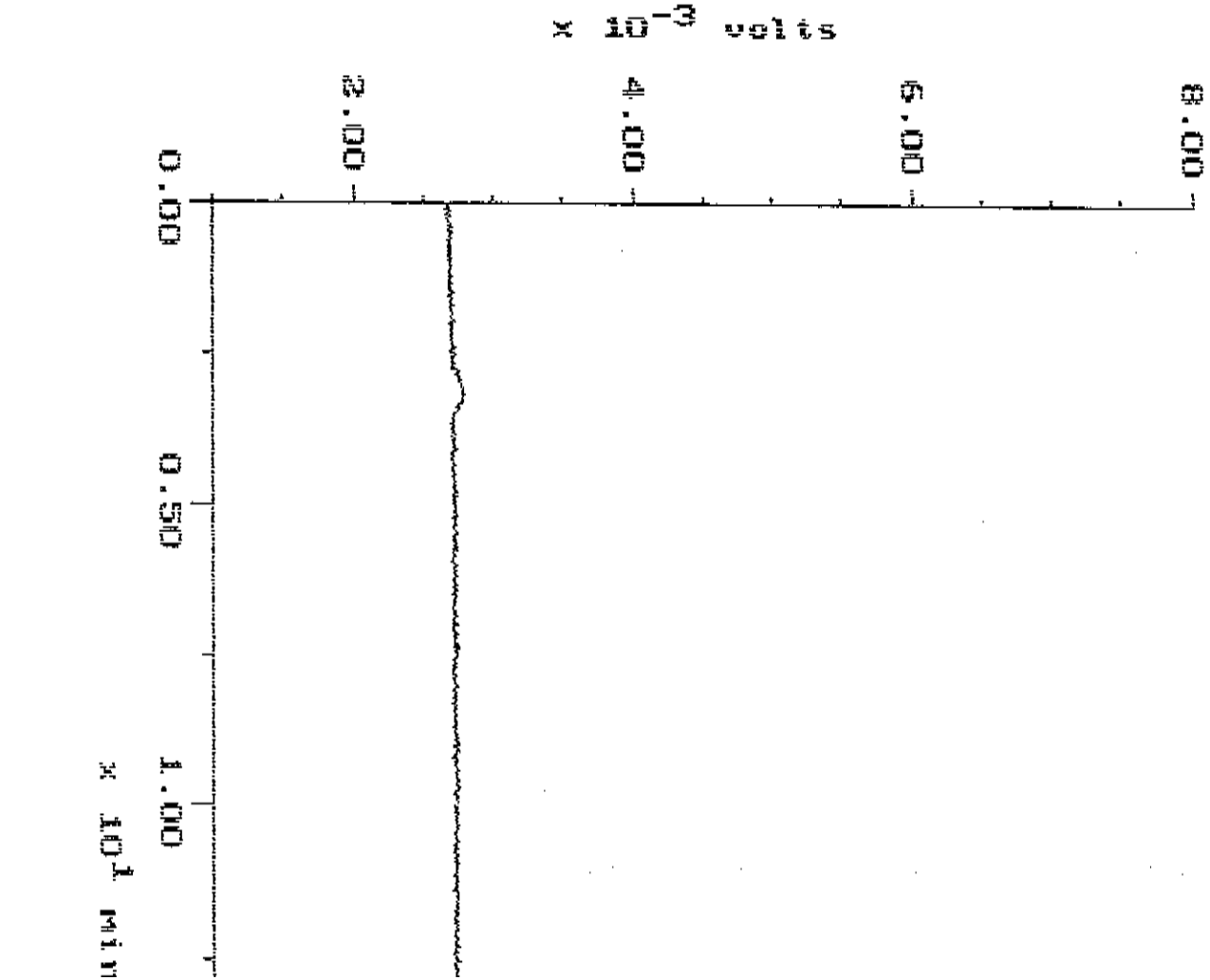
PK#	ID#	Component Name	Retention Time (minutes)	Peak Area	Sample Conc. (ug/L)
---	---	---	---	---	---
TOTAL				0	0.0000

Sample: MP BLANK 2 Channel: OV #1 365 Filename: NO080615





Sample: MP BLANK 2 Channel: *UV #2 322 Filename: NO080615



APPENDIX G

Section 24

Arroyo Simi – Frontier Park, November 20, 2008

MEC^{X} Data Validation Reports

DATA VALIDATION REPORT

Boeing SSFL NPDES

SAMPLE DELIVERY GROUP: IQK2187

R′e a′ed b

MEC^{X}, LP
12269 Ea t Va a′ D′i e
A l′o′a, CO 80014

Task Order Title: Boeing SSFL NPDES
Contract Task Order: 1261.100D.001
Sample Delivery Group: IQK2187
Project Manager: B. Kell
Matrix: Water
QC Level: IV
No. of Samples: 1
No. of Reanalyses /Dilutions: 0
Laboratory: Test America-Irvine, Test America-Ontario

1.

Client ID	Laboratory ID	Sub-Laboratory ID	Matrix	Collected	Method
Alton Simi-FP	IQK2187-01	CRK-2104-01	Water	11/20/08 1000	200.7, 525.2

No anomalies were observed regarding sample management. The samples within this SDG were received at the laboratory within the temperature limits of 4°C ± 2°C. According to the case narrative for this SDG, the samples were received intact, on ice, and properly preserved, if applicable. The COC was appropriately signed and dated by field and/or laboratory personnel. As the samples were delivered by courier, custody seals were noted. If necessary, the client ID was added to the sample summary by the reviewer.

D	The analyte is flagged (D) because reported result is from a diluted analysis.	The analyte is flagged (D) because reported result is from a diluted analysis.
P	Interference Check Sample (ICS) recovery was outside control limits.	Post Digestion Spike recovery was outside control limits.
DNQ	The reported result is above the method detection limit but below the reporting limit.	The reported result is above the method detection limit but below the reporting limit.
*II, *III	Unless otherwise noted in the data validation report, all problems found with the data have been described in Section II, "Sample Management," or Section III, "Method Analyte." The number following the asterisk (*) will indicate where the section where a description of the problem can be found.	Unless otherwise noted in the data validation report, all problems found with the data have been described in Section II, "Sample Management," or Section III, "Method Analyte." The number following the asterisk (*) will indicate where the section where a description of the problem can be found.

TestAmerica

Date Analyzed	Data Qualifiers	Analyte	Method	Batch	MDL	Reporting Limit	Sample Result	Dilution Factor	Date Extracted
11/2/2006	WDRA	Magnesium	EPA 200.7	6K20120	0.012	0.020	32	1	11/2/2006

TestAmerica Irvine

Joseph Doak
Project Manager

[redacted]

[redacted]

Sampled: 11/20/08
Received: 11/21/08

17461 Derian Avenue. Suite 100
Irvine, CA 92614
Attention: Joseph Doak

Project: N/A
IRK2187
Report Number: CRK0843

[redacted]

Analyte	Method	Batch	Limit	Result	Factor	Extracted	Analyzed	Qualifiers
RL1	Sample ID: CRK0843-03(IRK2187.01-01 (Arroyo Simi-FP) - Water)							
	Reporting Units: ug/l							
Chlorpyrifos	EPA 525.2	C8K2104	1.0	ND	5	11/21/2008	11/21/2008	
Diazinon	EPA 525.2	C8K2104	1.2	ND	5	11/21/2008	11/21/2008	
Surrogate: 1,3-Dimethyl-2-nitrobenzene (70-130%)								92 %

[redacted]

APPENDIX G

Section 25

Arroyo Simi – Frontier Park, November 20, 2008

Test America Analytical Laboratory Report

17461 Derian Avenue. Suite 100, Irvine, A 614 4 61 10 a , 4 60 7

A A

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61_ i, i in a Avenue, Suite 00
Ar, a ia, A 1007
Attenti n, r n n e

r e, t, Quarte Arr Si i r ntier
ark

Sa e , 11/ 0/0_
e, eive , 11/ 0/0_
I_ ue , 1 /01/0_ 1 ,44

N A #0110_ A a if rnia A # 706 SD A #10 6 AZ #AZ0671 NV # A01 1

SAMP ◗ O SS

S N A D, e ert t e a t a e r_ e, i i, _ u□ ntra, t a□ rat r in r ati n in, u e in t i re rt.

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I 1_ 7 01

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W.□ ater

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A

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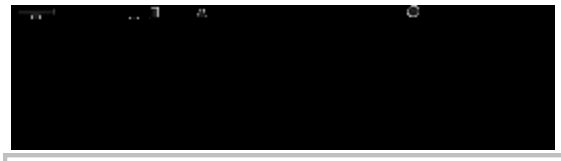
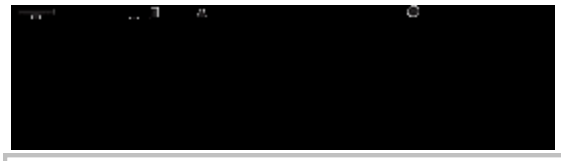
r e, t ana er



17461 Derian Avenue. Suite 100, Irvine, A 614 4 61 10 a , 4 60 7

W.□ a a ena/ ein
61. i, i in a Avenue, Suite 00 Sa e ,
Ar, a ia, A 1007
Attenti n, r n n e



17461 Derian Avenue. Suite 100, Irvine, A 614 4 61 10 a , 4 60 7

W□ a a ena/ ein r e. t ID, Quarte Arr Si i r ntier ark
61. i. i in a Avenue, Suite 00 Sa e , 11/ 0/0.
Ar. a ia, A 1007 e rt Nu 6□er, I 1. 7 e. eive , 11/ 0/0.
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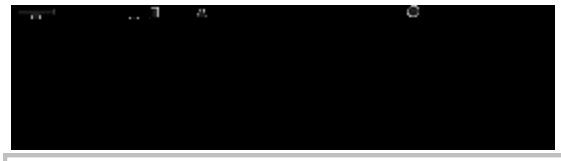

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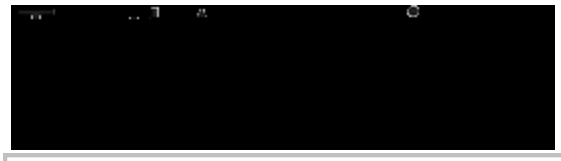

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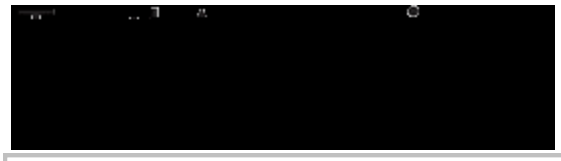

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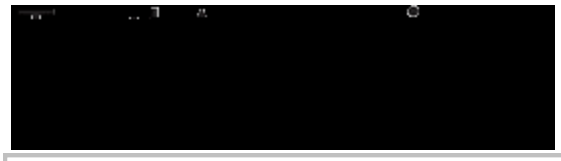

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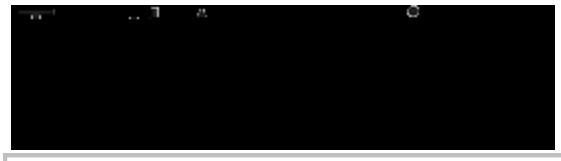

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