

**United States Drug Testing Laboratories**

1700 S. Mount Prospect Road Des Plaines, Illinois 60018

847.375.0770 Ph

847.375.0775 Fax

800.235.2367 Ph

[www.usdtl.com](http://www.usdtl.com)

December 03, 2011

Linda Bresnahan, M.S.  
Director of Program Operations  
Physician Health Services, Inc.  
890 Winter Street  
Waltham, MA 02451-1414  
(781) 434-7342 phone  
(781) 893-5321 fax  
[Lbresnahan@mms.org](mailto:Lbresnahan@mms.org)

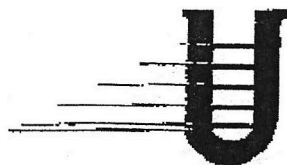
Re: Litigation Package 877649

Dear Ms. Bresnahan:

Enclosed is the Litigation Package for specimen 877649 you requested. If you have any questions, you may contact me at (847) 375-0770 x 8861.

Regards,

Joseph Jones  
Vice-President Laboratory Operations



**United States Drug Testing Laboratories**

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847.375.0770 Ph

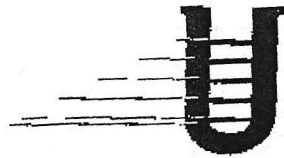
847.375.0775 Fax

800.235.2367 Ph

[www.usdtl.com](http://www.usdtl.com)

## **LITIGATION PACKAGE FOR**

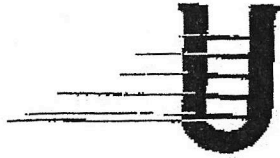
<b>ACCOUNT:</b>	<b>Physician Health Services</b>
<b>USDTL NUMBER:</b>	<b>877649</b>
<b>SPECIMEN ID:</b>	<b>1310 461430</b>
<b>MATRIX:</b>	<b>Blood</b>



United States Drug Testing Laboratories  
1700 S. Mount Prospect Road Des Plaines, Illinois 60018  
847.375.0770 Ph 847.375.0775 Fax  
800.235.2367 Ph www.usdtl.com

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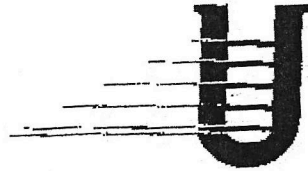
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## **SUMMARY OF RESULTS**

<b>ACCOUNT:</b>	<b>Physician Health Services</b>
<b>USDTL NUMBER:</b>	<b>877649</b>
<b>SPECIMEN ID:</b>	<b>1310</b> <b>461430</b>
<b>MATRIX:</b>	<b>Blood</b>



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## SUMMARY OF RESULTS

ACCOUNT: Physician Health Services  
USDTL NUMBER: 877649  
SPECIMEN ID: 1310  
461430  
MATRIX: Blood

TEST REQUESTED: Phosphatidylethanol - Blood

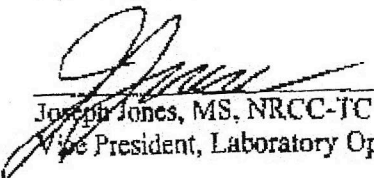
### INITIAL TEST

METHOD:	Liquid Chromatography - Tandem Mass Spectrometry		
Drug	Cutoff (ng/mL)	Response of Specimen (ng/mL)	Result
Phosphatidylethanol	20	255.4	<b>POSITIVE</b>

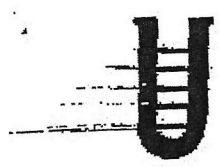
### CONFIRMATION TEST

METHOD:	Liquid Chromatography - Tandem Mass Spectrometry		
Drug	Cutoff (ng/mL)	Response of Specimen (ng/mL)	Result
Phosphatidylethanol	20	365.4	<b>POSITIVE</b>

I certify that the specimen identified by the laboratory accession number above has been examined upon receipt, handled, and analyzed in accordance with this laboratory's Standard Operating Procedure.

  
Joseph Jones, MS, NRCC-TC  
Vice President, Laboratory Operations

Dec 03, 2011  
Date



UNITED STATES DRUG TESTING LABORATORIES  
 1700 S. MOUNT PROSPECT ROAD  
 DES PLAINES, ILLINOIS 80018-1804  
 847-375-0770 fax 847-375-0775

Report Luis Sanchez MD  
 Physicians Health Services  
 880 Winter Street  
 Waltham, MA 02451

Cust ID PHSWMA  
 Client Physicians Health Services  
 Location  
 Collector

**Sample Information**

Chain of 461430  
 Name NA  
 Lab Sample ID 877648  
 Donor ID 461430

Test Reason Not given  
 Type Blood  
 Collected  
 Received 7/8/2011 10:48  
 Reported 7/14/2011 18:39

**Tests Requested**

Test	Result	Quantitation	Screen Limit	Confirm
PEth-BLD Phosphatidyl Ethanol (Blood)	POSITIVE			
PHOSPHATIDYL ETHANOL	POSITIVE		20 ng/mL	
Phosphatidyl Ethanol ( LCMSMS )	POSITIVE	365.4 ng/mL		20.0 ng/mL

**Internal Certification Hardcopy**

Tuesday, July 14, 2011 8:35:45 PM

Laboratory Charles E. Platts, PhD  
 Scientific Director Douglas Lewis

# PHYSICIAN HEALTH SERVICES, INC.

A Massachusetts Medical Society corporation  
www.physicianhealth.org

Luis T. Sanchez, MD  
Director

860 Winter Street  
Waltham, MA 02451-1614  
(781) 434-7404 • (800) 322-2393  
Fax (781) 893-5321

Date: July 19, 2011

To: United States Drug Testing Laboratories

Fax: 847-375-0775

Total number of pages: 3

Account Number: PHSWMA for Physician Health Services

attn: *Kendyll*

RE: Specimen Chain of: 461430

Donor ID as listed: 461430

Donor ID: 1310

Collection Date: 7/1/2011

Received Date: 7/8/11

Please update the lab report to reflect the donor ID number as listed on the order:  
to 1310

Please update the lab report to reflect that chain of custody was maintained.

Requested by Mary Howard:

*M. Howard* 7/19/11  
(signed) (date)

If you have any questions, please call Linda Bresnahan 781-434-7404



UNITED STATES DRUG TESTING LABORATORIES  
1700 S. MOUNT PROSPECT ROAD  
DES PLAINES, ILLINOIS 60018-1804  
847-376-0770 fax 847-376-0775

Report Luis Sanchez MD  
Physicians Health Services  
880 Winter Street  
Waltham, MA 02451

Cust ID PHSWMA  
Client Physicians Health Services  
Location  
Collector

### Sample Information

Chain of 1310  
Name NA  
Lab Sample ID 877649  
Donor ID 461430

Test Reason Not given  
Type Blood  
Collected 7/1/2011 00:00  
Received 7/8/2011 10:46  
Reported 7/20/2011 16:17

### Tests Requested

Test	Result	Quantitation	Screen Limit	Confirm
PEth-BLD Phosphatidyl Ethanol (Blood)	Sample POSITIVE			
PHOSPHATIDYL ETHANOL	POSITIVE		20 ng/mL	
Phosphatidyl Ethanol ( LCMSMS )	POSITIVE	365.4 ng/mL		20.0 ng/mL

### Sample Comments

REVISED REPORT PER CLIENTS REQUEST

CORRECTED DONOR ID FROM 46143 TO 1310

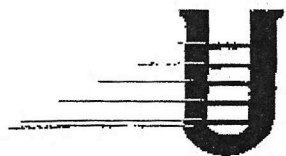
CORRECTED COLLECTION DATE TO 07/01/2011

Internal Certification Hardcopy

7/20/2011 4:17:05 PM

Laboratory Charles E. Babb, PhD  
Scientific Director Douglas Lewis





**United States Drug Testing Laboratories**

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## **CHAIN OF CUSTODY DOCUMENTS**

JUL-01-2011 FRI 12:29 PM

FAX NO.

P. 01/01

# PHYSICIAN HEALTH SERVICES, INC.

A Massachusetts Medical Society corporation  
www.physicianhealth.org

Julia T. Sanchez, MD  
Director

66004465

860 Winter Street  
Waltham, MA 02451-1114  
(781) 434-7404 • (800) 323-2903  
fax (781) 893-0331

Date: July 1, 2011

Fax to: Quest Diagnostics - 1180 Beacon Street, Brookline

Fax #: (617) 739-2941 (phone 617-232-5733)

SAMPLE, Blood  
MSN: 877649  
Control# 461430  
Receive date: 07/08/11 10:45  
Profile: PETH-BLD

For collection on Friday, July 1 for PHS Participant # 1310.

Please order Test: Phosphatidyl Ethanol, USDTL Test Code PETHStat by writing this information on the chain of custody form.

> The test requires 5ml whole blood in purple, gray or green top tube.

Requested by Mary Howard: M. Howard 7/1/11

If you have any questions please call me at: (781) 434-7404

Including a copy of this fax with the chain of custody form may help with the send out by Employer Solutions. Sample to be sent for testing to:

AMSCQA  
AMBCQA  
7/1/11

USDTL address:  
1700 South Mount Prospect Rd.  
Des Plaines, IL 60018  
(800) 235-2357

Batch 10818 07/02 A REQ  
1L JXRI

WC 461430 R  
TID 70087

WC 461430 R Req  
TID 70091

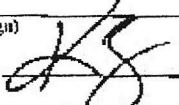
WC 461430 R Req

pt. signature X [Signature]

K:\PF\MS\Quest\Add-On Testing\PEth testing\PEth\_Q-Brookline2.doc

# Chain-of-Custody Specimen Receipt

ID 460430

Receiver Certification	Receiver	Date
I certify that the specimen received on this form was sealed in the appropriate container with the seal intact and the identification number and/or name on this form matches that on the specimen and the specimen was transferred to temporary laboratory storage.	<small>(sign)</small>  <small>(print)</small> KYLA BOGAN	7/8/11



1700 S. Mount Prospect Road | Oak Park, IL, 60014 | (800) 253-2307 | www.usdtl.com

Specimen Receipt

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FAX NO.

DEC-14-2011 FRI 01:16 PM

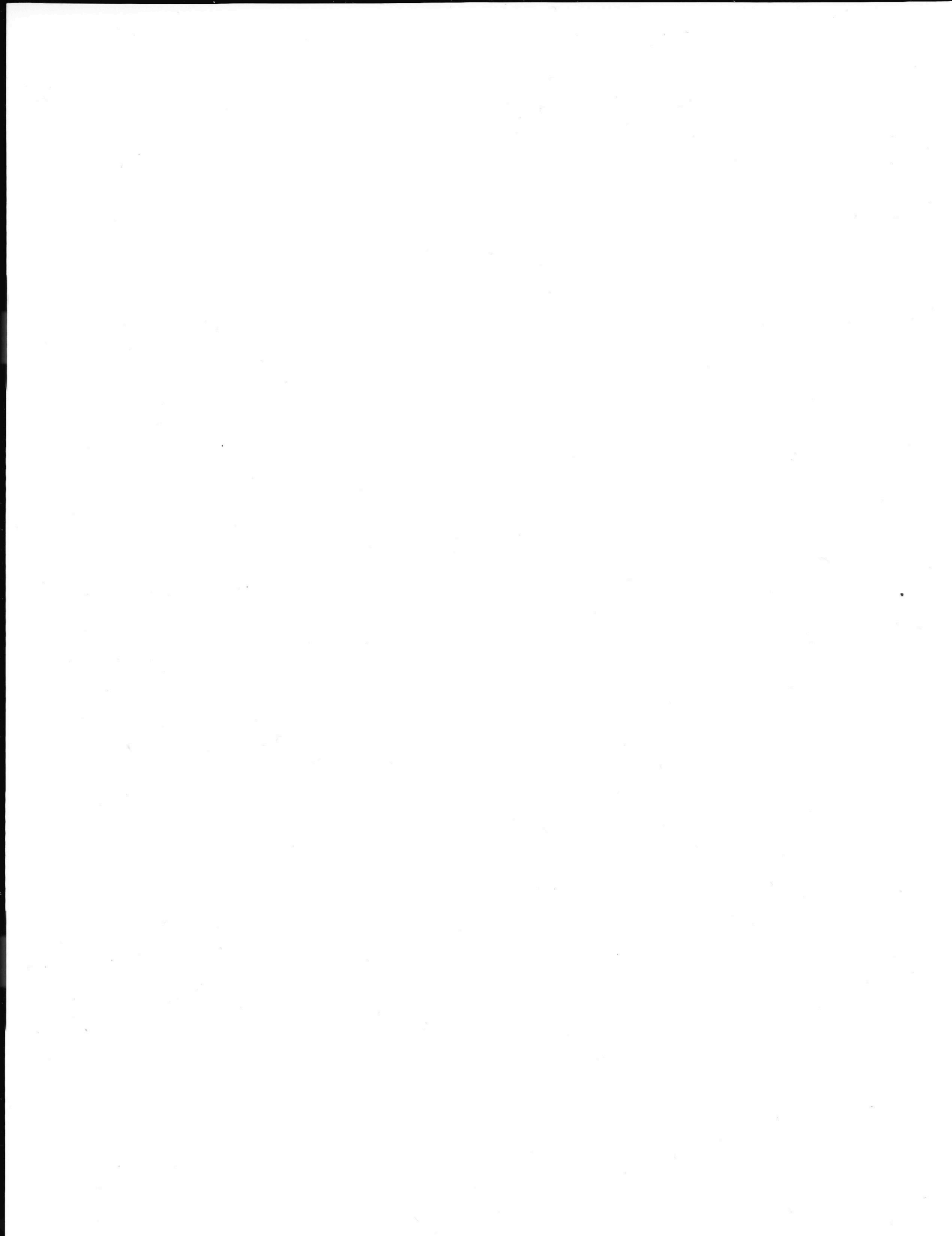
UNITED STATES DRUG TESTING LABORATORIES, INC

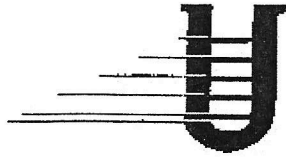
CHAIN OF CUSTODY FOR  
THE TRANSFER OF BLOOD TO  
LONG TERM STORAGE

MATRIX: Blood

REC'D DATE: July 2011

DATE	RELEASED BY	RECEIVED BY	PURPOSE
8/1/2011	Temp Storage Receiving Area	Janet McCrimmon	Select Specimens For Transfer to Long Term Storage
8/1/2011	Janet McCrimmon	LONG TERM STORAGE	TRANSFER BLOOD TO LONG TERM STORAGE





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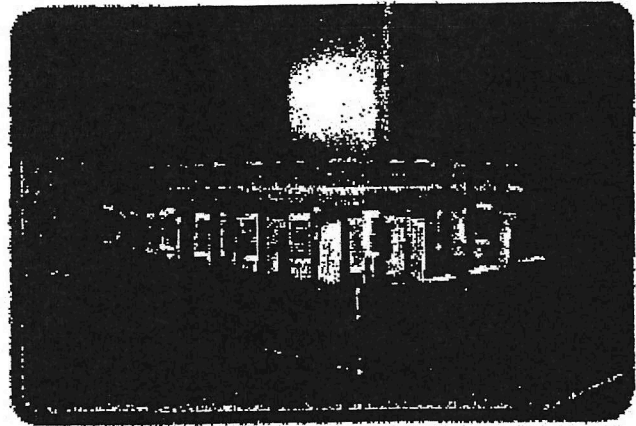
[www.usdtl.com](http://www.usdtl.com)

## **COLLECTION INSTRUCTIONS**

# Blood collection instructions

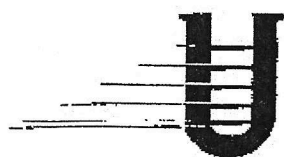
## Materials needed for collection

- ▶ requisition form
- ▶ forensic blood collection kit
- ▶ courier exempt human specimen overwrap



1. Verify the donor with a government-issued photo ID. (driver's license, state ID, passport)
2. Record the donor information on the requisition form.
3. Using one of the provided gray top Vacutainer tubes, execute blood draw following local Standard Operating Procedure. Discard the second vacutainer tube if not needed.
4. Peel the long chain-of-custody label from the requisition form and affix over the cap of the transport tube. Have the donor initial and date the seal. **Failure to place label over the cap will result in a "Rejected Specimen"**.
5. Have the donor print, sign and date the donor consent certification on the requisition form.
6. The collector should print, sign and date the collector certification on the requisition form.
7. Place the specimen tube(s) into the plastic tube holder.
8. Remove the adsorbent paper from the specimen bag and drape it over the tube between the two halves of the plastic tube holder.
9. Place the plastic tube holder in the specimen bag and seal the bag.
10. Place the requisition form and specimen bag into the exempt human specimen-labeled transport box and seal the box with the box seal sticker.
11. Place the transport box into the courier's exempt human specimen overwrap shipping bag. Contact your courier for pick-up.





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**INITIAL TEST DOCUMENTS**



#11

pet465189-11

### Batch Worklist

Batch LCMS/24692 Created 7/8/2011 10:58 HBN 2713634  
 Rule BLD LCSCRN Analyst W. Tunstall Status WP Volume \_\_\_\_\_



Pos	Lab ID	Specimen ID	Notes	Punches/Volume	Type	Analyte	Due Date
	877695				LOW	PEth-BLD	7/11/2011
	877696				HIGH	PEth-BLD	7/11/2011
	877697				CND	PEth-BLD	7/11/2011
	877698				MID	PEth-BLD	7/11/2011
<i>A2</i>	877434			<i>W</i>	SAMPLE	PET-BLDSPT	7/12/2011
<i>B2</i>	877438			<i>W</i>	SAMPLE	PET-BLDSPT	7/12/2011
<i>C2</i>	877541			<i>W</i>	SAMPLE	PEth-BLD	7/12/2011
<i>D2</i>	877548			<i>W</i>	SAMPLE	PEth-BLD	7/12/2011
<i>E2</i>	877550			<i>W</i>	SAMPLE	PEth-BLD	7/12/2011
<i>F2</i>	877618			<i>W</i>	SAMPLE	PEth-BLD	7/12/2011
<i>A7</i>	877622			<i>W</i>	SAMPLE	PEth-BLD	7/12/2011
<i>B3</i>	877624			<i>W</i>	SAMPLE	PEth-BLD	7/12/2011
<i>C3</i>	877649			<i>W</i>	SAMPLE	PEth-BLD	7/12/2011

*2*  
*7/11/11*

*1*  
*7/10/11*

# Batch Worklist

Batch LCMS/ 24692 Created 7/8/2011 10:58 HBN 2713634  
 Rule BLD LCSCRN Analyst W. Tunstall Status WP Volume \_\_\_\_\_



AL-UNETT

<u>CONTROL</u>	<u>SPIKE VOL (uL)</u>	
Calibrator	0309111 50uL	Internal Standard Lot # <u>50<sup>15</sup> 050211</u>
Mid	0309110 50uL	Internal Standard Spike Vol (uL) <u>50</u>
Low	0309113 50uL	Spiking Standard Lot # <u>0309111</u>
High	0310116 50uL	CNB Lot # <u>176 Z 95041</u>
<u>Blank</u>	<u>03091130 50uL</u>	Cal <u>0309111</u>
Fl Negative		

## CHAIN OF CUSTODY - SPECIMEN CONTAINERS

Date	Released By	Received By	Purpose/Remarks
7-8-11	TEMP STORAGE REC AREA Print: LEIGH ALTIZER Sign: <i>[Signature]</i>	TEMP STORAGE REC AREA Print: LEIGH ALTIZER Sign: <i>[Signature]</i>	Transfer Aliquots from Specimen Containers
7-8-11	TEMP STORAGE REC AREA Print: LEIGH ALTIZER Sign: <i>[Signature]</i>	TEMP STORAGE REC AREA Print: LEIGH ALTIZER Sign: <i>[Signature]</i>	Return Specimens to Temporary Storage

## CHAIN OF CUSTODY - SCREENING ALIQUOTS

Date	Released By	Received By	Purpose/Remarks
7-8-11	TEMP STORAGE EXTRACTION AREA Print: LEIGH ALTIZER Sign: <i>[Signature]</i>	TEMP STORAGE EXTRACTION AREA Print: LEIGH ALTIZER Sign: <i>[Signature]</i>	Transfer Aliquots to Extraction Area
7/8/11	TEMP STORAGE EXTRACTION AREA Print: MARLANDIS MIMS Sign: <i>[Signature]</i>	MARLANDIS MIMS Print: MARLANDIS MIMS Sign: <i>[Signature]</i>	SAMPLE PREPARATION
7/8/11	MARLANDIS MIMS Print: MARLANDIS MIMS Sign: <i>[Signature]</i>	RICHA SHAH Print: RICHA SHAH Sign: <i>[Signature]</i>	SAMPLE PREPARATION
7/8/11	RICHA SHAH Print: RICHA SHAH Sign: <i>[Signature]</i>	LEMS # 11 Print: RICHA SHAH Sign: <i>[Signature]</i>	LEMS Analysis
<del>7/8/11</del>	<del>LEMS # 11</del> Print: RICHA SHAH Sign: <i>[Signature]</i>	<del>LEMS/MS # 11</del> Print: RICHA SHAH Sign: <i>[Signature]</i>	<del>LO/MS/MS Analysis</del>
7/9/11	LEMS/MS # 11 Print: ROSEMARIE RIOS Sign: <i>[Signature]</i>	ROSEMARIE RIOS Print: ROSEMARIE RIOS Sign: <i>[Signature]</i>	Transfer Aliquots
7/9/11	ROSEMARIE RIOS Print: ROSEMARIE RIOS Sign: <i>[Signature]</i>	ROSEMARIE RIOS Print: ROSEMARIE RIOS Sign: <i>[Signature]</i>	Disposal

37/9/11

# Quant-Sample Report (ISTD)

**Batch Info**

Batch Data Path D:\MassHunter\Data\70811\QuantResults\petdbs189-11\_batch1.bin

Analysis Time 7/9/2011 4:07 PM  
 Report Time 7/9/2011 4:08 PM  
 Last Calib Update 7/9/2011 4:07 PM

**Analysis Info**

Acq Time 7/9/2011 14:48  
 Data File petdbs189-11a-10.d  
 Acq Method File pet DBS.m  
 Sample Name cal  
 Sample Type Calibration  
 Level 1  
 Sample Pos P1-B1  
 Sample Amount 3

9

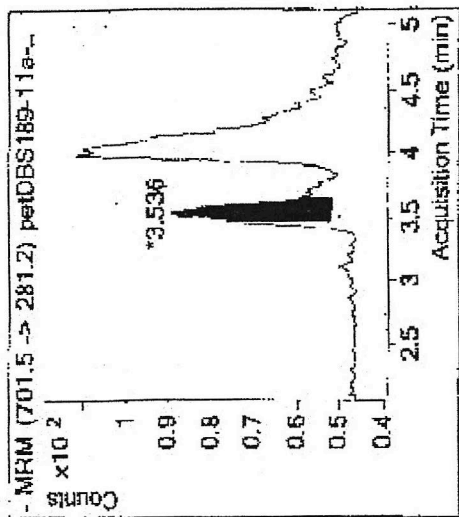
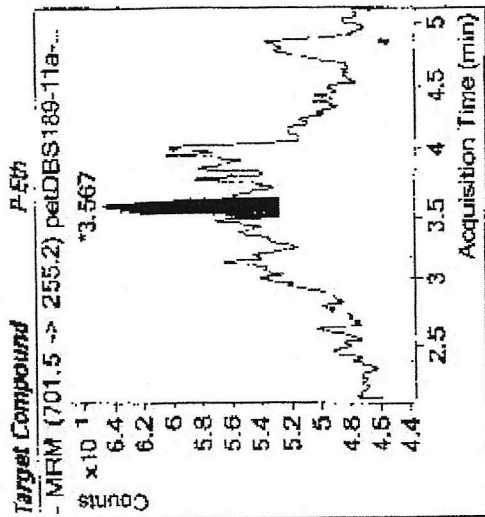
**Quantitation Results**

Target Compound	QUANT	QJAI	RT	Quant Area	Qual Area	Ch Column	Final Conc	Ratio	Min	Max	% Range
P-Eth	701.5 → 255.2	7015 → 281.2	3.567	68	266	20.00	20.00	392.64	274.40	509.60	30.00
P-Eth	701.5 → 255.2										

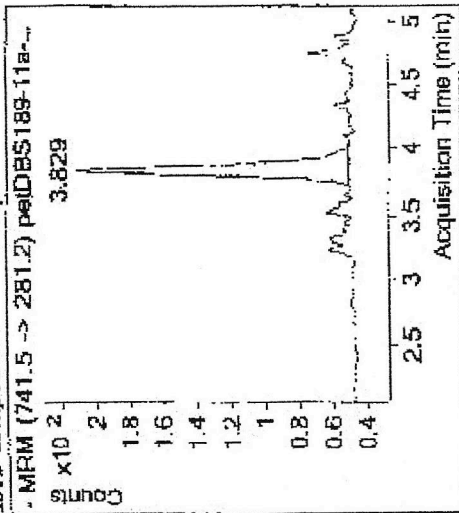
8

# Quant Sample Report (ISTD)

## Compound Graphics



## ISTD Compound



# Quant Sample Report (ISTD)

**Batch Info**

Batch Data Path D:\MassHunter\Data\070611\QuantResults\peids189-11.batch-bin

Analysis Time 7/9/2011 4:07 PM  
 Report Time 7/9/2011 4:08 PM  
 Last Calib Update 7/9/2011 4:07 PM

**Analysis Info**

Acq Time 7/9/2011 15:05  
 Data File peIDBS189-11a-12.d  
 Acq Method File pe1.DBS.m  
 Sample Name low  
 Sample Type Sample  
 Level  
 Sample Pos P1-D1  
 Sample Amount 3

M

**Quantitation Results**

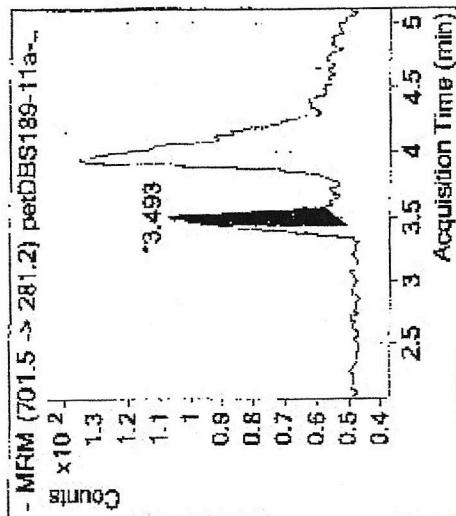
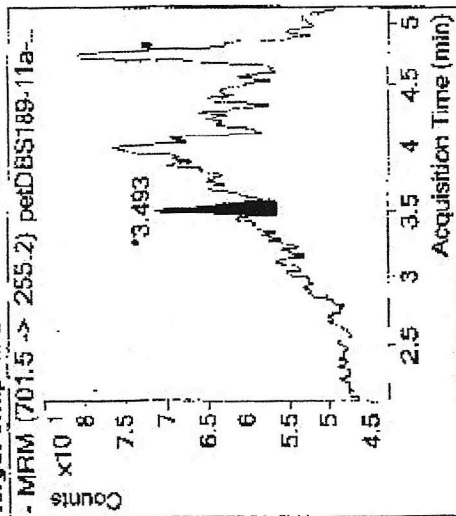
Target Compound	QUANT	QUAL	RT	Quant Area	Quant Area	On Column	Final Conc	Ratio	Min	Max	% Range
P-Eth	701.5 -> 255.2	701.5 -> 281.2	3.493	60	273	9.91	9.91	453.49	274.40	509.60	30.00
P-Eth	701.5 -> 255.2										

P

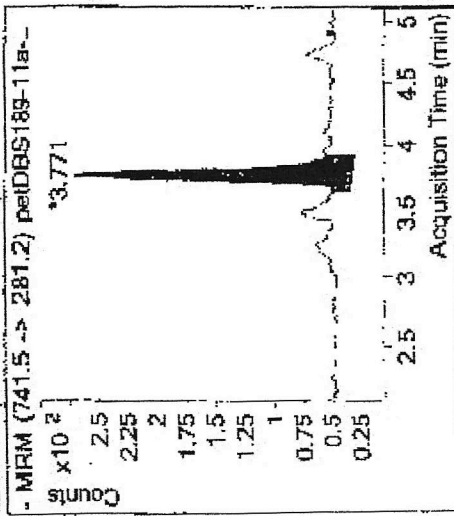
# Quant Sample Report (ISTD)

## Compound Graphics

Target Compound P-Eth



ISTD Compound P-Prop



# Quant Sample Report (ISTD)

**Batch Info**

Batch Data Path D:\MassHunter\Data\070811\QuantResults\petdbs189-11.batch.bin

Analysis Time 7/9/2011 4:07 PM  
 Report Time 7/9/2011 4:08 PM  
 Last Callb Update 7/9/2011 4:07 PM

**Analysis Info**

Acq Time 7/9/2011 14:57  
 Data File petDBS189-11a-11.d  
 Acq Method File pet.DBS.m  
 Sample Name mlid  
 Sample Type Sample  
 Level  
 Sample Pos P1-CL  
 Sample Amount 3

ad

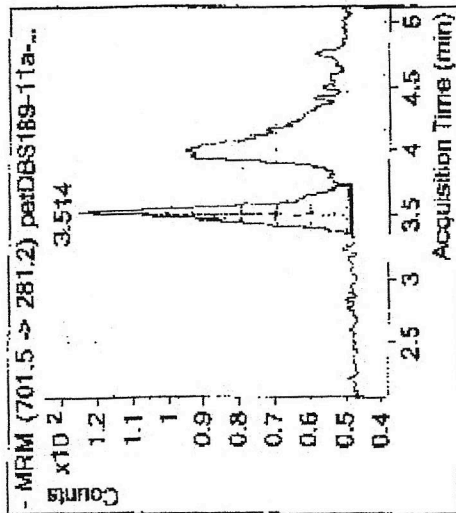
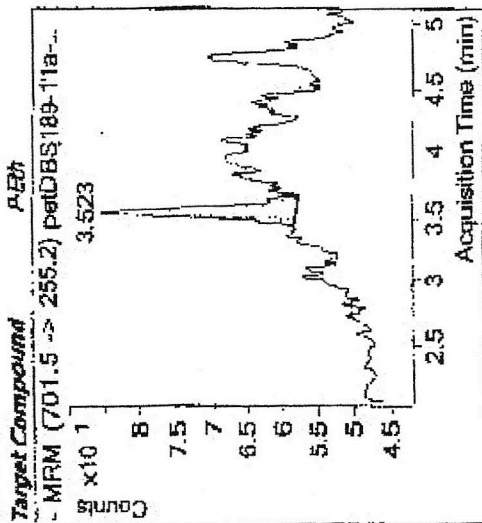
**Quantitation Results**

Target Compound	QUANT	QUAL	RT	Quant. Area	Qual Area	On Column	Final Conc	Ratio	Min.	Max	% Range
P-Eth	701.5 -> 255.2	701.5 -> 201.2	3.523	139	609	25.93	25.93	437.37	274.48	509.60	30.00
P-Eth	701.5 -> 255.2										

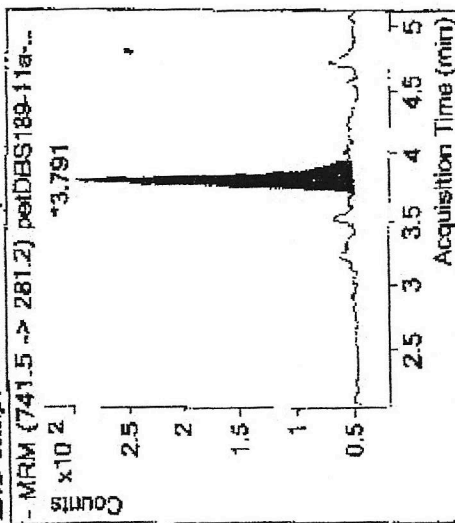
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# Quant Sample Report (ISTD)

## Compound Graphics



## ISTD Compound





# Quant Sample Report (ISTD)

**Batch Info**

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 Report Time 7/9/2011 4:08 PM  
 Last Calib Update 7/9/2011 4:07 PM

**Analysis Info**

Acq Time 7/9/2011 0:31  
 Data File pet085189-11-13.d  
 Acq Method File pet.DES.m  
 Sample Name High  
 Sample Type Sample  
 Level  
 Sample Pos P1-E1  
 Sample Amount 3

M

**Quantitation Results**

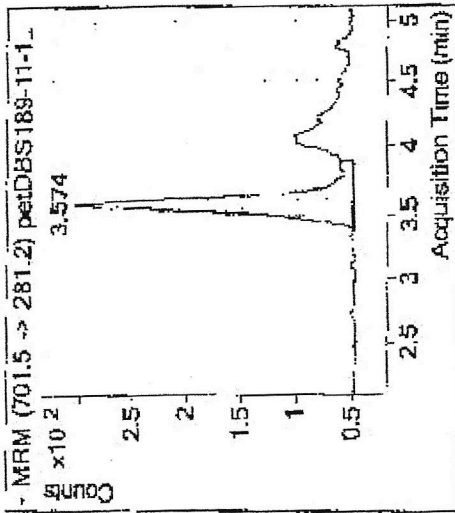
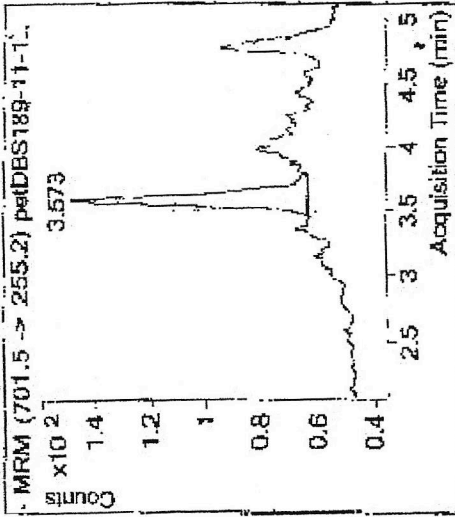
Target Compound	QUANT	RT	Quant Area	Qual Area	On Column	Final Conc	Ratio	Min	Max	% Range
P-Eth	701.5 -> 255.2	3.573	574	2017	82.49	351.59	274.40	509.60	30.00	
P-Eth	701.5 -> 255.2									

1

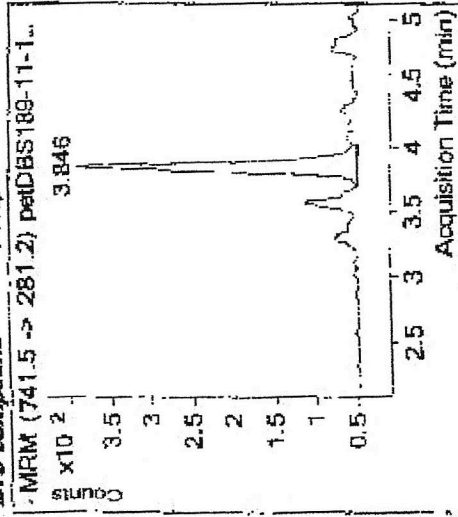
# Quant Sample Report (ISTD)

## Compound Graphics

Target Compound P-Eth



ISTD Compound P-Prop



# Quant Sample Report (ISTD)

**Batch Info**

Batch Data Path: D:\MassHunter\Data\70811\QuantResults\pctdbs189-11\_batch1.bin

Analysis Time: 7/9/2011 4:07 PM  
 Report Time: 7/9/2011 4:08 PM  
 Last Calib Update: 7/9/2011 4:07 PM

**Analysis Info**

Acq Time: 7/9/2011 0:48  
 Data File: pctDSS189-11-15.d  
 Acq Method File: pct DBS.m  
 Sample Name: neg  
 Sample Type: Sample  
 Level:   
 Sample Pos: P1-F1  
 Sample Amount: 3

M

**Quantitation Results**

Target Compound	QUANT	QUAL	RT	Quant Area	Qual Area	On Column	Final Conc	Ratio	Min	Max	% Range
P-Eth	701.5 -> 255.2	701.5 -> 281.2	3.693	5	1221	0.56	0.56		274.40	509.60	30.00
P-Eth	701.5 -> 255.2		3.963								
P-Eth	701.5 -> 255.2										

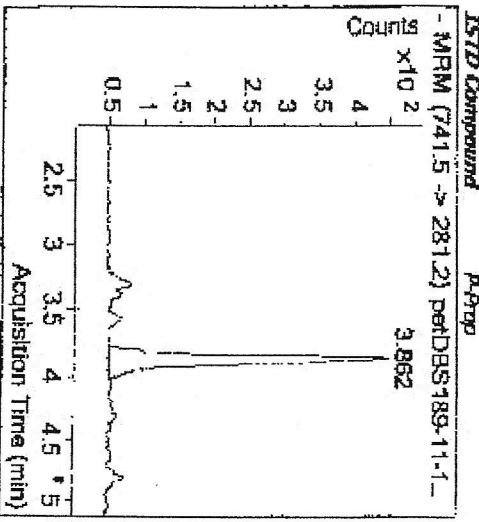
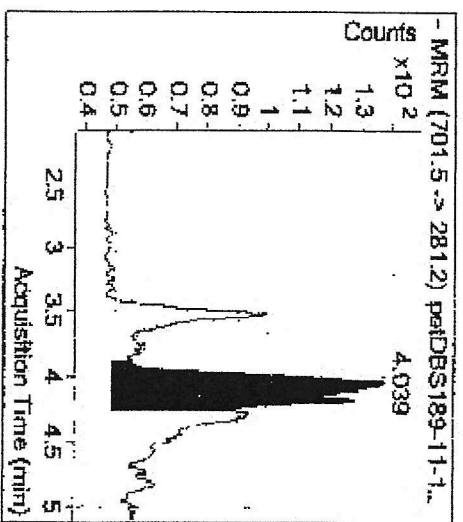
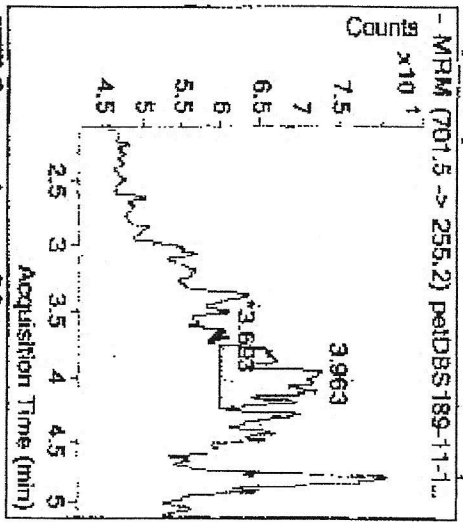
P

# Quant Sample Report (ISTD)

## Compound Graphics

Target Compound

PEP



# Quant Sample Report (ISTD)

**Batch Info**

Batch Data Path: D:\MassHunter\Data\070811\QuantResults\pdtts189-11\_batch.bh

**Analysis Time**

7/9/2011 4:07 PM

**Report Time**

7/9/2011 4:08 PM

**Last Callb Update**

7/9/2011 4:07 PM

**Analysis Info**

**Acq Time**

7/9/2011 8:58

**Data File**

pdtts189-11-24.d

**Acq Method File**

Det.DBS.m

**Sample Name**

877549

**Sample Type**

Sample

**Level**

P1-C3

**Sample Pos**

3

**Sample Amount**

3

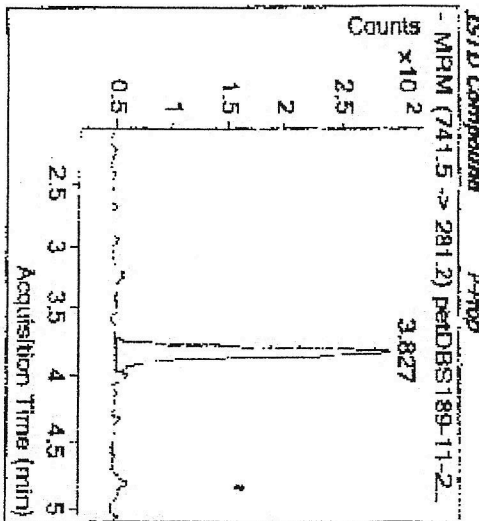
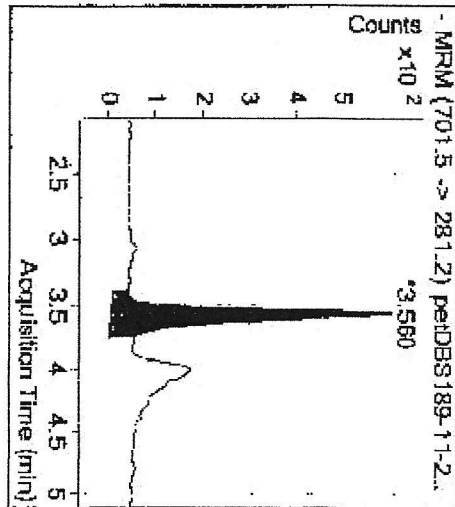
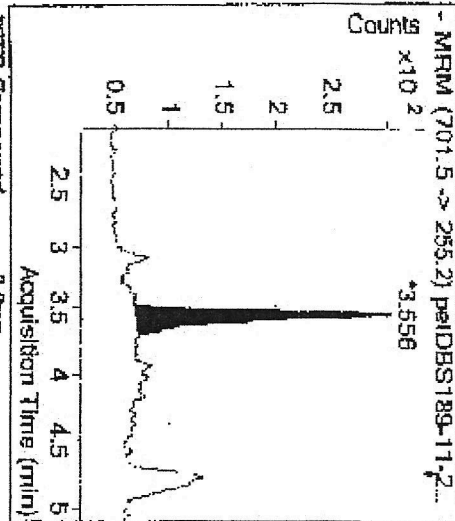
**Quantitation Results**

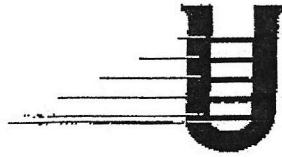
Target Compound	QANT	QUAL	RT	Quant Area	Qual Area	On Column	Final Conc	Ratio	Min	Max	% Range
P-Eth	701.5 -> 255.2	701.5 -> 281.2	1.556	1301	4115	255.42	255.42	316.23	274.40	509.60	30.00
P-Eth	701.5 -> 255.2										

# Quant Sample Report (ISTD)

## Compound Graphics

Target Compound: P-77b





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## **CONFIRMATION TEST DOCUMENTS**

petdb0194-11 (071311bs)

11 P2

Batch Worklist

Batch LCMS/24829 Created 7/13/2011 09:41 HBN 2714507  
Rule PEth CNF B Analyst S. Holmes Status WP Volume \_\_\_\_\_



Pop	Label ID	Specimen ID	Notes	Punches	Volume	Type	Analysis	Due Date
DI	879712					LOW	PEth CONF	7/14/2011
EI	879713					HIGH	PEth CONF	7/14/2011
AI	879714					CNB	PEth CONF	7/14/2011
CI	879715					MID	PEth CONF	7/14/2011
A2	876868	3246642	RERUN[CS,X]		3		SAMPLE PEth CONF	7/15/2011
B2	877582	600335	RERUN[CS,X]		3		SAMPLE PET CONF	7/16/2011
CA	877065	371043	RERUN[CS,X]		3		SAMPLE PEth CONF	7/16/2011
D2	877648	461430	RERUN[CS,X]		3		SAMPLE PEth CONF	7/16/2011
E2	878408	3246649			3		SAMPLE PEth CONF	7/15/2011

AI unrev  
BI OK

Handwritten signature and date: 2/14/11

Handwritten signature and date: 7/14/11



# Batch Worklist

Batch LCMS/24829 Created 7/13/2011 09:41 HBN 2714507  
 Rule PEth CNF B Analyst S. Holmes Status WP Volume \_\_\_\_\_



<b>CONTROL</b>	<b>SPIKE VOL (uL)</b>		
Calibrator	0309111	50 uL	Internal Standard Lot # 05024
Mid	0309112	50 uL	Internal Standard Spike Vol (uL) 50
Low	0309113	50 uL	Spiking Standard Lot # _____
High	0310116	50 uL	CNB Lot # 1762 050 uL
Blind QC	03091130	50 uL	Cal _____
Negative	_____		

## CHAIN OF CUSTODY - SPECIMEN CONTAINERS

Date	Released By	Received By	Purpose/Remarks
7-13-11	TEMP STORAGE REC AREA	Print: LEIGH ALTIZER Sign: _____	Transfer Aliquots from Specimen Containers
7-13-11	Print: LEIGH ALTIZER Sign: _____	TEMP STORAGE REC AREA	Return Specimens to Temporary Storage

## CHAIN OF CUSTODY - SCREENING ALIQUOTS

Date	Released By	Received By	Purpose/Remarks
7-13-11	Print: LEIGH ALTIZER Sign: _____	TEMP STORAGE EXTRACTION AREA	Transfer Aliquots to Extraction Area
7/13/11	TEMP STORAGE EXTRACTION AREA	Print: MARLANDIS MIMS Sign: _____	SAMPLE PREPARATION
7/13/11	Print: MARLANDIS MIMS Sign: _____	ERIC SKELNIK	Extraction
7/13/11	ERIC SKELNIK	LCMSMS 11	LCMSMS Analysis
7/14/11	LCMSMS 11 ROSEMARIE RIOS	ROSEMARIE RIOS	Transfer Aliquots
7/14/11	_____	Disposal	Disposal

# Quant Sample Report (ISTD)

**Batch Info**

Batch Data Path D:\MassHunter\Data\071311\QuantResults\petdbs194-11.batch.bin

Analysis Time 7/14/2011 1:00 PM  
 Report Time 7/14/2011 1:01 PM  
 Last Calib Update 7/14/2011 1:00 PM

**Analysis Info**

Acq Time 7/14/2011 3:14  
 Data File petdbs194-11-10.d  
 Acq Method File pet DBS.m  
 Sample Name cal  
 Sample Type Calibration  
 Level 1  
 Sample Pos P2-B1  
 Sample Amount

M

**Quantitation Results**

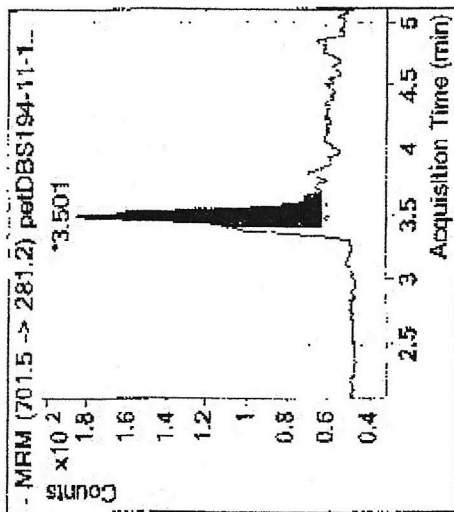
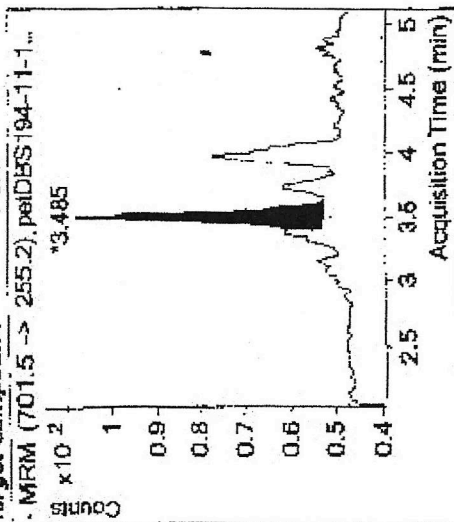
Target Compound	QUANT	QUAL	RT	Quant Area	Qual Area	On Column	Final Conc	Ratio	Min	Max	% Range
P-Eth	701.5 -> 255.2	701.5 -> 281.2	3.465	300	800	20.00	20.00	256.98	186.90	347.10	30.00
P-Eth	701.5 -> 255.2										

M

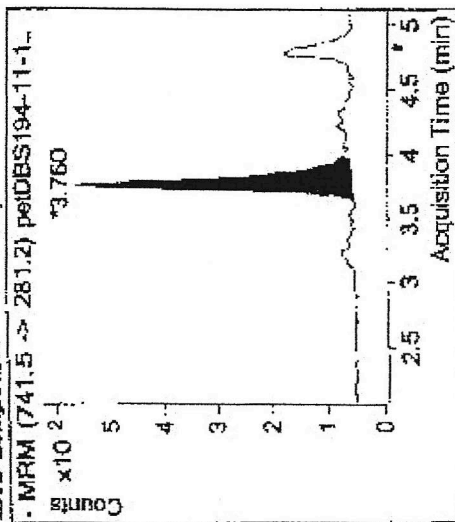
# Quant Sample Report (ISTD)

## Compound Graphics

Target Compound P-Eth



ISTD Compound P-Prop



# Quant Sample Report (ISTD)

**Batch Info**

Batch Data Path D:\MassHunter\Data\071311\QuantResults\peths194-11.batch.bin

Analysis Time 7/14/2011 1:00 PM  
 Report Time 7/14/2011 1:01 PM  
 Last Calib Update 7/14/2011 1:00 PM

**Analysis Info**

Acq Time 7/14/2011 3:31  
 Data File petDBS194-11-12.d  
 Acq Method File pet DBS.m  
 Sample Name low  
 Sample Type Sample  
 Level  
 Sample Pos P2-D1  
 Sample Amount

*ad*

**Quantitation Results**

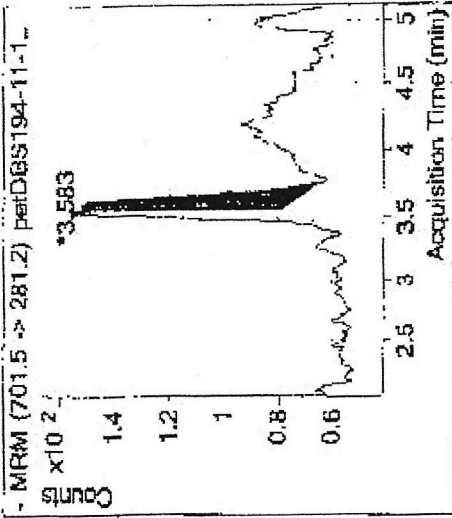
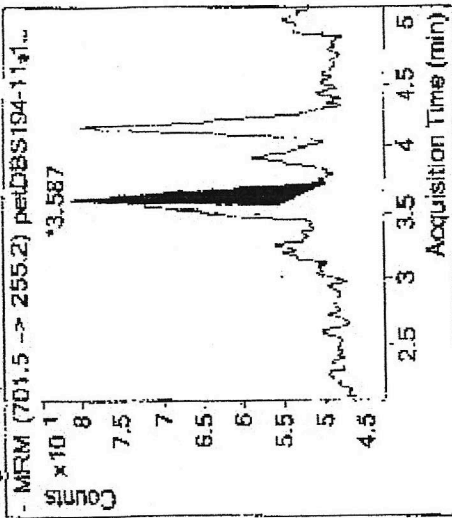
Target Compound	QUANT	QUAL	RT	Quant Area	Qual Area	On Column	Final Conc	Ratio	Min	Max	% Range
P-Eth	701.5 → 255.2	701.5 → 281.2	3.587	140	485	9.38	9.38	332.14	186.90	347.10	30.00
P-Eth	701.5 → 255.2										

*g*

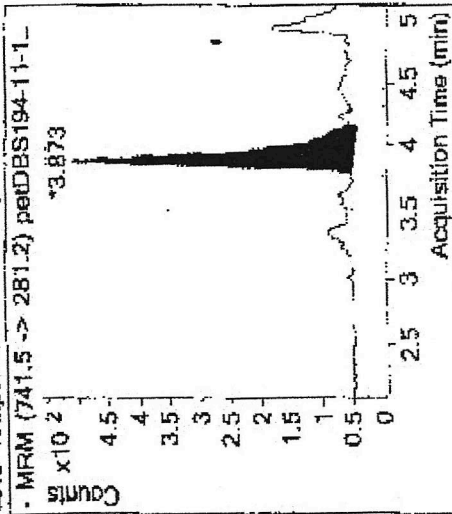
# Quant Sample Report (ISTD)

## Compound Graphics

Target Compound P-Eth



## ISTD Compound P-Prop



# Quant Sample Report (ISTD)

**Batch Info**  
 Batch Data Path: D:\MassHunter\Data\071311\QuantResults\petdbs194-1.1.batch.bin

Analysis Time: 7/14/2011 1:00 PM  
 Report Time: 7/14/2011 1:01 PM  
 Last Calib Update: 7/14/2011 1:00 PM

**Analysis Info**  
 Acq Time: 7/14/2011 3:22  
 Data File: petdbs194-1.1.d  
 Acq Method File: pet\_dbs.m  
 Sample Name: Inid  
 Sample Type: Sample  
 Level:  
 Sample Pos: P2-C1  
 Sample Amount:

M

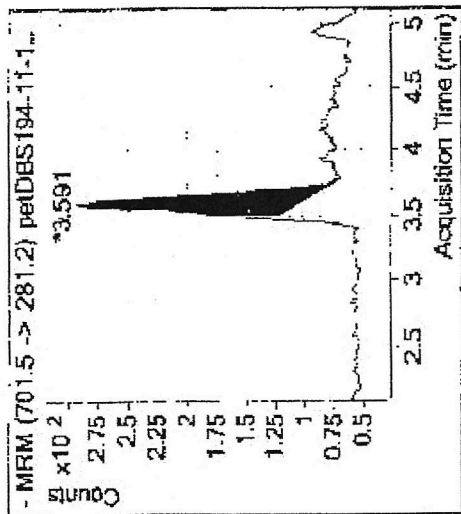
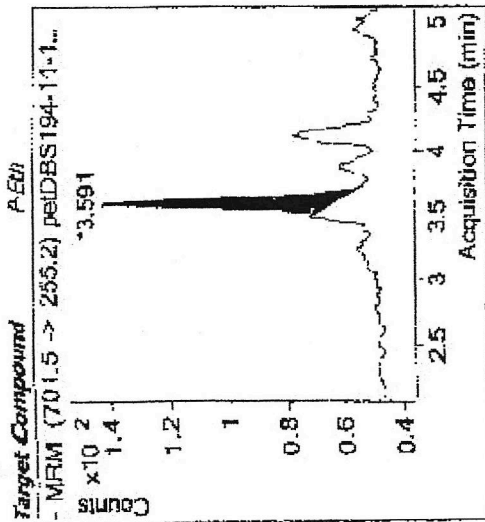
**Quantitation Results**

Target Compound	QUANT	QUAL	RT	Quant Area	Qual Area	On Column	Final Conc	Ratio	Min	Max	% Range
P-Eth	701.5 -> 255.2	701.5 -> 281.2	3.591	417	1352	27.52	27.52	323.97	186.90	347.10	30.00
P-Eth	701.5 -> 255.2										

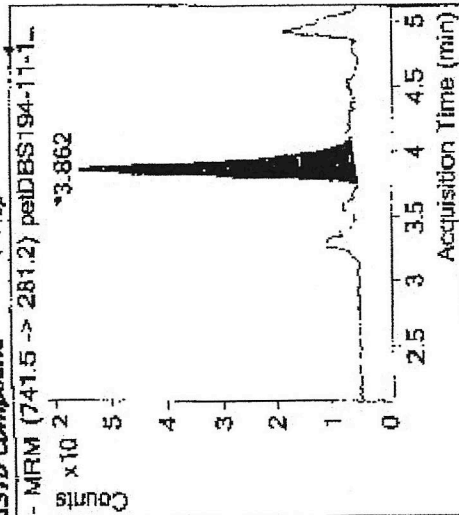
8

# Quant Sample Report (ISTD)

## Compound Graphics



## ISTD Compound



# Quant Sample Report (ISTD)

**Batch Info**

Batch Data Path D:\MassHunter\Data\071311\QuantResults\petdbs194-11.batch.bin

Analysis Time 7/14/2011 1:00 PM  
 Report Time 7/14/2011 1:01 PM  
 Last Callb Update 7/14/2011 1:00 PM

**Analysis Info**

Acq Time 7/14/2011 3:39  
 Data File petD8S194-11-13.a  
 Acq Method File pet.D8S.m  
 Sample Name High  
 Sample Type Sample  
 Level  
 Sample Pos P2-E1  
 Sample Amount

M

**Quantitation Results**

Target Compound	QUANT	QUAL	RT	Quant Area	Qual Area	On Column	Final Conc	Ratio	Min	Max	% Range
P-Eth	701.5 → 255.2	701.5 → 281.2	3.556	1505	3919	80.69	80.69	260.35	186.90	347.10	30.08
P-Eth	701.5 → 255.2										

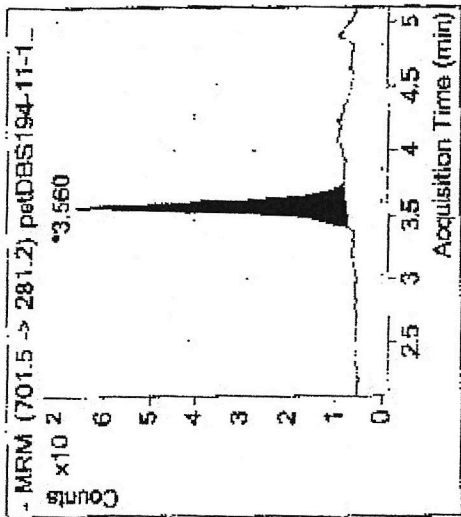
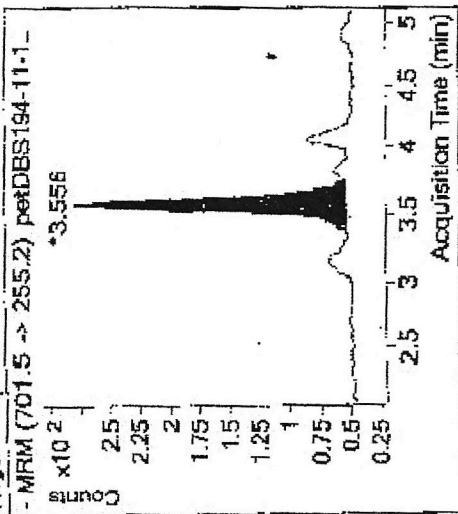
P



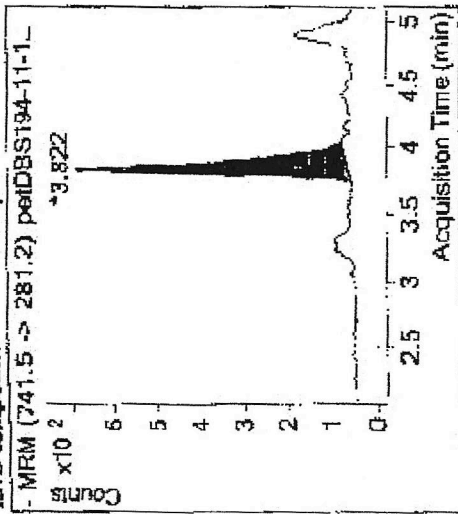
# Quant Sample Report (ISTD)

## Compound Graphics

Target Compound P-Eth



ISTD Compound P-Prop



# Quant Sample Report (ISTD)

**Batch Info**

Batch Data Path D:\MassHunter\Data\071311\QuantResults\petdb0194-11.batch.bin

Analysis Time 7/14/2011 1:00 PM  
 Report Time 7/14/2011 1:01 PM  
 Last Calib Update 7/14/2011 1:00 PM

**Analysis Info**

Acq Time 7/14/2011 3:56  
 Data File petDB0194-11-15.0  
 Acq Method File pet DBS.m  
 Sample Name neg  
 Sample Type Sample  
 Level  
 Sample Pos P2-F1  
 Sample Amount

ad

**Quantification Results**

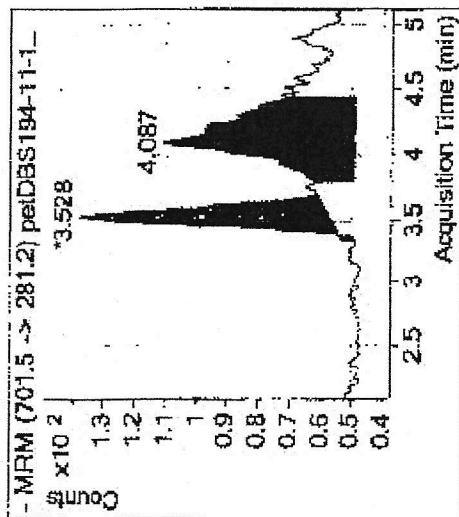
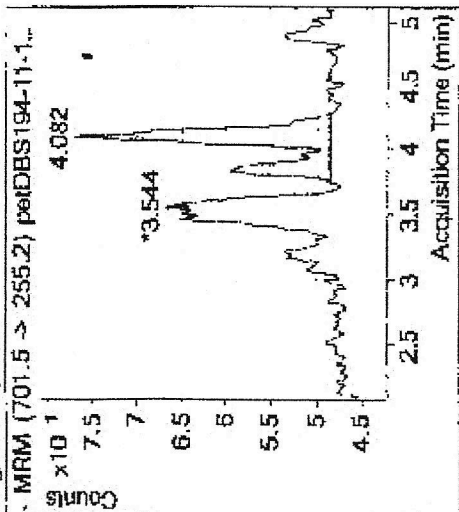
Target Compound	QUANT	QUAL	RT	Quant Area	Qual Area	On Column	Final Conc	Ratio	Miro	Max	% Range
P-Eth	701.5 -> 255.2	701.5 -> 281.2	3.544	5	738	0.36	0.36	15476.95	186.90	347.10	30.00
P-Eth	701.5 -> 255.2	701.5 -> 281.2	4.082		1342				186.90	347.10	30.00
P-Eth	701.5 -> 255.2										
P-Eth	701.5 -> 255.2										

d

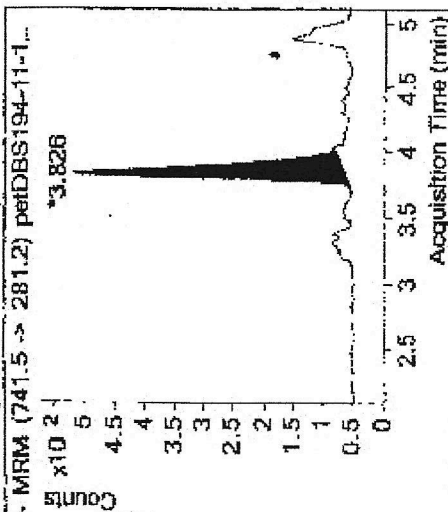
# Quant Sample Report (ISTD)

## Compound Graphics

Target Compound P-Eth



ISTD Compound P-Prop



# Quant Sample Report (ISTD)

**Batch Info**

Batch Data Path: D:\MassHunter\Data\071311\QuantResults\peidbs194-11.batch.bin

Analysis Time: 7/14/2011 1:00 PM  
 Report Time: 7/14/2011 1:01 PM  
 Last Calib Update: 7/14/2011 1:00 PM

**Analysis Info**

Acq Time: 7/14/2011 4:56  
 Data File: peidbs194-11-22.d  
 Acq Method File: peidb05.m  
 Sample Name: 877648  
 Sample Type: Sample  
 Level:   
 Sample Pos: P2-D2  
 Sample Amount:   
B

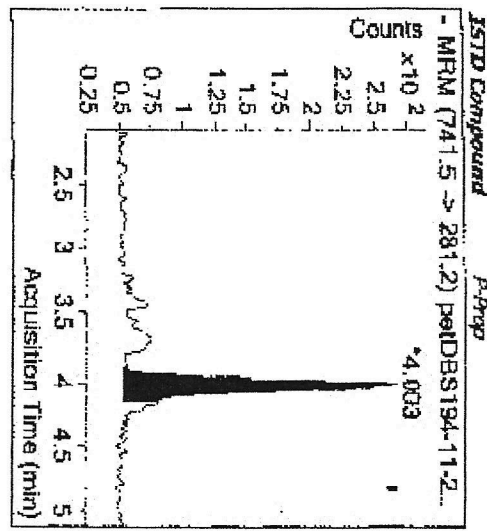
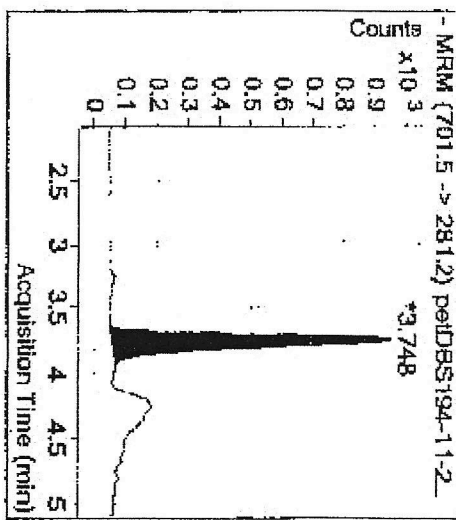
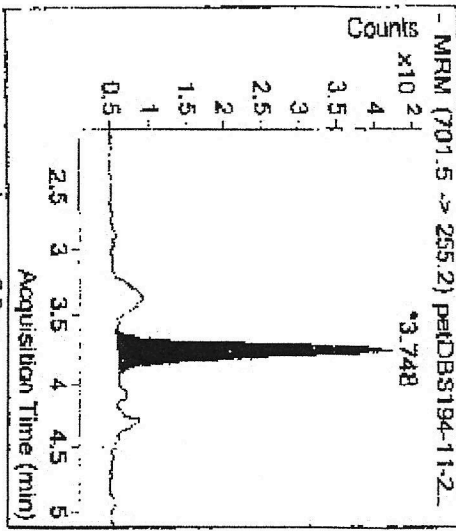
**Quantitation Results**

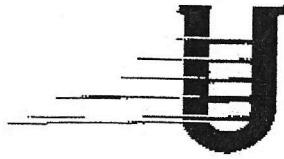
Target Compound	QUANT	QUAL	RT	Quant Area	Qual Area	On Column	Final Conc	Ratio	Min	Max	% Range
P-Eth	701.5 -> 255.2	701.5 -> 281.2	3.748	2429	5980	365.41	365.41	746.16	186.90	347.10	30.00
P-Eth	701.5 -> 255.2	Y									

# Quant Sample Report (ISTD)

## Compound Graphics

Target Compound P-Eth





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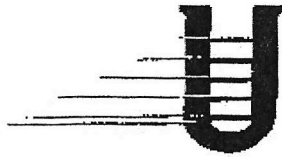
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800.235.2367 Ph

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