LAIDLAW ENVIRONMENTAL SERVICES

ENCOTEC

US EPA RECORD CENTER REGION 5
588532

August 28, 1998

Ms. Karen Dieckhaus
Ecology & Environment, Inc.
12251 Universal Drive
Taylor, MI 48180

RE: Analytical Services Results - S05-9807-803

Dear Ms. Dieckhaus:

Please find enclosed the analytical report for the above referenced samples received at ENCOTEC on 08/13/98. These samples were collected on 08/12/98 and are scheduled for disposal on 09/28/98. Please review this report and call me if you have any questions.

Sincerely,

Laidlaw Environmental, Inc./ENCOTEC
now known as Saftey-Kleen (ENCOTEC), Inc.

Gail A. Carr

Gail A. Carr
Program Manager

GAC/gac

Enclosure
SDG EE-WC-98H2
Batches: 13219
71060

Laidlaw Environmental, Inc. / Encotec
3985 Research Park Drive Ann Arbor, Michigan 48108
Phone 313.761.1389 Fax 313.761.1034

A Recycled Paper

DATA PACKAGE COVER PAGE

This report contains _____ pages, excluding the cover letter and is only for the submitted samples.

If any pages are missing please contact Laidlaw Environmental, Inc./ENCOTEC immediately.

This document is intended only for the person(s) identified in the cover letter and is to be considered **CONFIDENTIAL.**

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This analytical report does not comply with State of Utah batch QC requirements for organic extractables unless otherwise noted in the laboratory narrative.

Flags and Definitions

U = The analyte was not detected at or above the quantitation limit.

E = The analyte was detected at a concentration greater than the calibration range; therefore the result is estimated.

DL = The sample was diluted due to sample matrix, therefore QC was not recoverable.

* = The value is outside quality control limits.

K = Reported concentration is proportional to dilution factor and may be exaggerated.

P = When one or both sample results are <5 times the quantitation limit, the RPD cannot be properly evaluated. It is not included in the total QC count.

G = Result is greater than the numerical value presented.

J = The analyte was detected at a concentration below the quantitation limit but above the method detection limit.

B = The analyte was detected in the associated method blank.

M = Matrix interference has resulted in an elevated quantitation limit or distorted QC result.

NC = Not Calculable.

NA = Not Applicable.

A = If the sample result is >4 times the amount spiked, the MS recovery cannot be properly evaluated. It is not included in the total QC count.

CA = Combustion aid was necessary to achieve results.

W = Result is always reported as "wet weight."

SDG	A Sample Delivery Group is a grouping of samples arriving under separate Chains of Custody that are reported together.
QC Set ID	An alphanumeric identification associating appropriate QC data with sample data.
Calculation Basis	Indicates whether the results have been adjusted for moisture content.
Quant Limit	The limit at which the analyte can be reliably reported within the method- specified limits of precision and accuracy under routine operating conditions.
Dil	Dilution Factor.
Conc	The concentration, expressed in appropriate units.
LCS	Laboratory Control Sample.
LCD	Laboratory Control Sample Duplicate.
MS	Matrix Spike.
MSD	Matrix Spike Duplicate.
%Rec	The percent recovery of a fortified analyte (surrogate, matrix spike, lab control sample).
RPD	The relative percent difference for duplicate analyses.
Second Analysis Date	The date on which a sample was analyzed a second time, at a dilution different than that on the (initial) Analysis Date.

If a numerical value is very large, it will be expressed in scientific notation. For example, a concentration of 10,000,000 ug/Kg will be reported as 1E7.

LABORATORY NARRATIVE

Client Name:	ECOLOGY & ENVIRONMENT, INC.
Project Name:	KJ5103
Project Number:	71060
Sample Delivery Group:	EE-WC-98H2
Batch Number(s):	100013219
Narrative Date:	August 28, 1998

Samples were received and analyzed without incident, within holding times, with chain-of-custody maintained, and according to the referenced methods, except as noted below.

Sample, DTL-1, contained air bubbles in the vial for the volatile analysis.

MS/MSD Recovery Outliers

QC Set ID	Analysis	Corrective Action/Result
ICPH1701	Lead	Since ≥ 80% of the fortified analytes in the LCS recovered within QC windows, acceptable accuracy was demonstrated and matrix interference is assumed. Corrective action was deemed unnecessary.
BNAH1801S	Semivolatiles	See Below

A matrix spike and matrix spike duplicate was extracted on the client requested QC sample, DLT-1. Due to the nature of the sample matrix, the sample had to be analyzed at a high dilution, therefore all spike analytes would have been diluted out. No MS/MSD was reported. The laboratory control sample recovered within QC windows for all analytes.

I certify that the data presented in this report is accurate, complete and meets the minimum quality assurance standards as specified in 40-CFR 136, 40-CFR-141, and/or SW-846. An assessment of the quality of the data, noting any exceptions, outliers, and/or problems encountered has been narrated herein.

Walt Roudebush (or designee)
Technical Director

8/28/98
Date

SAMPLE CROSS REFERENCE REPORT

CLIENT: ECOLOGY & ENVIRONMENT, INC.
Project/Site: KJ5103
SDG: EE-WC-98H2
Submission ID(s): 100013219

Client Sample ID	ENCOTEC Sample ID	Sample Matrix	Date Sampled	Date Received
DLT-1	200091983	LIQUID, NON-AQUEOUS	08/12/98	08/13/98
DLT-2	200091984	LIQUID, AQUEOUS	08/12/98	08/13/98
DLD-1	200091985	LIQUID, NON-AQUEOUS	08/12/98	08/13/98
DLC-2	200091986	LIQUID, NON-AQUEOUS	08/12/98	08/13/98
DLC-3	200091987	LIQUID, NON-AQUEOUS	08/12/98	08/13/98
DLC-4	200091988	LIQUID, AQUEOUS	08/12/98	08/13/98
DLC-5	200091989	LIQUID, NON-AQUEOUS	08/12/98	08/13/98
DLC-6	200091990	LIQUID, NON-AQUEOUS	08/12/98	08/13/98
DLC-7	200091991	LIQUID, NON-AQUEOUS	08/12/98	08/13/98
DLC-8	200091992	LIQUID, NON-AQUEOUS	08/12/98	08/13/98
DLC-9	200091993	SOLID	08/12/98	08/13/98
DLC-10	200091994	SOLID	08/12/98	08/13/98
DLC-11	200091995	SOLID	08/12/98	08/13/98
DLC-9	200091996	TCLP EXTRACT	08/12/98	08/13/98
DLC-10	200091997	TCLP EXTRACT	08/12/98	08/13/98
DLC-11	200091998	TCLP EXTRACT	08/12/98	08/13/98

Safety-Kleen (ENCOTEC), Inc.
3985 Research Park Drive - Ann Arbor, MI 48108
Telephone: (313) 761-1389 - Telefax: (313) 761-1034

METHOD DESCRIPTION REPORT

CLIENT: ECOLOGY & ENVIRONMENT, INC.
Project/Site: KJ5103
SDG: EE-WC-98H2
Submission ID(s): 100013219

Method Reference	Description
450.1	Total Organic Halides
1010	Flashpoint, Determined by Pensky-Martens Closed Cup
9040B	pH, Electrometric, Aqueous
7.3.3.2	Reactivity, Cyanide
7.3.4.2	Reactivity, Sulfide
9253	Halogen as Chloride, Determined Titrimetrically
6010	Inductively Coupled Plasma - Atomic Emission Spectroscopy
7061	Arsenic, Hydride-AA
7470	Mercury, Cold Vapor, Aqueous Matrix
7471	Mercury, Cold Vapor, Non-Aqueous Matrices
7741	Selenium, AA, Hydride
DRO	Diesel Range Organic Compounds by GC/FID
8082	Polychlorinated Biphenyls by Gas Chromatography
GRO	Gas Range Organic Compounds by GC/FID
8260	Volatile Organic Compounds by GC/MS: Capillary Column
8270	Semivolatile Organic Compounds by GC/MS: Capillary Column

GENERAL CHEMISTRY

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DATA PACKET

General Chemistry

Safety-Kleen (ENCOTEC), Inc.
3985 Research Park Drive * Ann Arbor, MI 48108
734 / 761-1389

WASTE ANALYSIS DATA SUMMARY SHEET

Project Name: ECOLOGY & ENVIROMENTAL, INC.
Project Number: 71060
Report Date: August 18, 1998

Sample I.D.: DLT-1
Sample Date: 08/12/98
Date Received: 08/13/98
ENCOTEC I.D.: 200091983

U = Analyte not detected.

ANALYTE	QC SET ID	ANALYSIS DATE	METHOD	UNITS	RESULT	REPORT LIMIT	REGULATORY LIMIT
Flashpoint	WFPH1705	08/17/98	1010	^{0}F	>200	73^{0}F	140^{0}F
Corrosivity (as pH)	WPHH1608	08/16/98	9045	S.U.	5.6	NA	$2 \leq pH \leq 12.5$

1) Results of Paint Filter Test are "Free Liquid (FL)" or "No Free Liquid (NFL)."
2) Specific Gravity is expressed as a ratio relative to unity (density of water at 25^{0}C).
S.U. = Standard Units.
cps = centipoise
Percent ash and halogens analyses are performed on the residue from analysis by method 5050 and its aqueous solution.
Note:

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WASTE ANALYSIS DATA SUMMARY SHEET

Project Name: ECOLOGY & ENVIROMENTAL, INC.
Project Number: 71060
Report Date: August 18, 1998

Sample I.D.: DLT-2
Sample Date: 08/12/98
Date Received: 08/13/98
ENCOTEC I.D.: 200091984

U = Analyte not detected.

ANALYTE	QC SET ID	ANALYSIS DATE	METHOD	UNITS	RESULT	REPORT LIMIT	REGULATORY LIMIT
Flashpoint	WFPH1705	08/17/98	1010	^{0}F	>200	73^{0}F	140^{0}F
Corrosivity (as pH)	WPHH1607	08/16/98	9040	S.U.	7.1	NA	$2 \leq pH \leq 12.5$

1) Results of Paint Filter Test are "Free Liquid (FL)" or "No Free Liquid (NFL)."
2) Specific Gravity is expressed as a ratio relative to unity (density of water at 25^{0}C).
S.U. = Standard Units.
cps = centipoise
Percent ash and halogens analyses are performed on the residue from analysis by method 5050 and its aqueous solution.
Note:

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WASTE ANALYSIS DATA SUMMARY SHEET

Project Name: ECOLOGY & ENVIROMENTAL, INC.
Project Number: 71060
Report Date: August 18, 1998

Sample I.D.: DLD-1
Sample Date: 08/12/98
Date Received: 08/13/98
ENCOTEC I.D.: 200091985

U = Analyte not detected.

ANALYTE	QC SET ID	ANALYSIS DATE	METHOD	UNITS	RESULT	REPORT LIMIT	REGULATORY LIMIT
Corrosivity (as pH)	WPHH1608	08/16/98	9045	S.U.	<1	NA	$2 \leq pH \leq 12.5$

1) Results of Paint Filter Test are "Free Liquid (FL)" or "No Free Liquid (NFL)."
2) Specific Gravity is expressed as a ratio relative to unity (density of water at 25°C).
S.U. = Standard Units.
cps = centipoise
Percent ash and halogens analyses are performed on the residue from analysis by method 5050 and its aqueous solution.
Note:

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WASTE ANALYSIS DATA SUMMARY SHEET

Project Name: ECOLOGY & ENVIROMENTAL, INC.
Project Number: 71060
Report Date: August 18, 1998

Sample I.D.: DLC-2
Sample Date: 08/12/98
Date Received: 08/13/98
ENCOTEC I.D.: 200091986

U = Analyte not detected.

ANALYTE	QC SET ID	ANALYSIS DATE	METHOD	UNITS	RESULT	REPORT LIMIT	REGULATORY LIMIT
Corrosivity (as pH)	WPHH1705	08/17/98	9040	S.U.	<1	NA	$2 \leq pH \leq 12.5$

1) Results of Paint Filter Test are "Free Liquid (FL)" or "No Free Liquid (NFL)."
2) Specific Gravity is expressed as a ratio relative to unity (density of water at 25°C).
S.U. = Standard Units.
cps = centipoise
Percent ash and halogens analyses are performed on the residue from analysis by method 5050 and its aqueous solution.
Note:

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WASTE ANALYSIS DATA SUMMARY SHEET

Project Name: ECOLOGY & ENVIROMENTAL, INC.
Project Number: 71060
Report Date: August 18, 1998

Sample I.D.: DLC-3
Sample Date: 08/12/98
Date Received: 08/13/98
ENCOTEC I.D.: 200091987

U = Analyte not detected.

ANALYTE	QC SET ID	ANALYSIS DATE	METHOD	UNITS	RESULT	REPORT LIMIT	REGULATORY LIMIT
Corrosivity (as pH)	WPHH1607	08/16/98	9040	S.U.	9.6	NA	$2 \leq pH \leq 12.5$

1) Results of Paint Filter Test are "Free Liquid (FL)" or "No Free Liquid (NFL)."
2) Specific Gravity is expressed as a ratio relative to unity (density of water at 25°C).
S.U. = Standard Units.
cps = centipoise
Percent ash and halogens analyses are performed on the residue from analysis by method 5050 and its aqueous solution.
Note:

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WASTE ANALYSIS DATA SUMMARY SHEET

Project Name: ECOLOGY & ENVIROMENTAL, INC.
Project Number: 71060
Report Date: August 18, 1998

Sample I.D.: DLC-4
Sample Date: 08/12/98
Date Received: 08/13/98
ENCOTEC I.D.: 200091988

U = Analyte not detected.

ANALYTE	QC SET ID	ANALYSIS DATE	METHOD	UNITS	RESULT	REPORT LIMIT	REGULATORY LIMIT
Corrosivity (as pH)	WPHH1607	08/16/98	9040	S.U.	<1	NA	$2 \leq pH \leq 12.5$

1) Results of Paint Filter Test are "Free Liquid (FL)" or "No Free Liquid (NFL)."
2) Specific Gravity is expressed as a ratio relative to unity (density of water at 25°C).
S.U. = Standard Units.
cps = centipoise
Percent ash and halogens analyses are performed on the residue from analysis by method 5050 and its aqueous solution.
Note:

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WASTE ANALYSIS DATA SUMMARY SHEET

Project Name: ECOLOGY & ENVIROMENTAL, INC.
Project Number: 71060
Report Date: August 18, 1998

Sample I.D.: DLC-5
Sample Date: 08/12/98
Date Received: 08/13/98
ENCOTEC I.D.: 200091989

U = Analyte not detected.

ANALYTE	QC SET ID	ANALYSIS DATE	METHOD	UNITS	RESULT	REPORT LIMIT	REGULATORY LIMIT
Corrosivity (as pH)	WPHH1607	08/16/98	9040	S.U.	<1	NA	$2 \leq pH \leq 12.5$

1) Results of Paint Filter Test are "Free Liquid (FL)" or "No Free Liquid (NFL)."
2) Specific Gravity is expressed as a ratio relative to unity (density of water at 25°C).
S.U. = Standard Units.
cps = centipoise
Percent ash and halogens analyses are performed on the residue from analysis by method 5050 and its aqueous solution.
Note:

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WASTE ANALYSIS DATA SUMMARY SHEET

Project Name: ECOLOGY & ENVIRONMENTAL, INC.
Project Number: 71060
Report Date: August 18, 1998

Sample I.D.: DLC-6
Sample Date: 08/12/98
Date Received: 08/13/98
ENCOTEC I.D.: 200091990

U = Analyte not detected.

ANALYTE	QC SET ID	ANALYSIS DATE	METHOD	UNITS	RESULT	REPORT LIMIT	REGULATORY LIMIT
Flashpoint	WFPH1705	08/17/98	1010	^{0}F	171	73^{0}F	140^{0}F
Corrosivity (as pH)	WPHH1608	08/16/98	9045	S.U.	4.8	NA	$2 \leq pH \leq 12.5$

1) Results of Paint Filter Test are "Free Liquid (FL)" or "No Free Liquid (NFL)."
2) Specific Gravity is expressed as a ratio relative to unity (density of water at 25^{0}C).
S.U. = Standard Units.
cps = centipoise
Note: Percent ash and halogens analyses are performed on the residue from analysis by method 5050 and its aqueous solution.

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WASTE ANALYSIS DATA SUMMARY SHEET

Project Name: ECOLOGY & ENVIRONMENTAL, INC.
Project Number: 71060
Report Date: August 18, 1998

Sample I.D.: DLC-7
Sample Date: 08/12/98
Date Received: 08/13/98
ENCOTEC I.D.: 200091991

U = Analyte not detected.

ANALYTE	QC SET ID	ANALYSIS DATE	METHOD	UNITS	RESULT	REPORT LIMIT	REGULATORY LIMIT
Flashpoint	WFPH1705	08/17/98	1010	^{0}F	113	73^{0}F	140^{0}F
Corrosivity (as pH)	WPHH1608	08/16/98	9045	S.U.	5.2	NA	$2 \leq pH \leq 12.5$

1) Results of Paint Filter Test are "Free Liquid (FL)" or "No Free Liquid (NFL)."
2) Specific Gravity is expressed as a ratio relative to unity (density of water at 25^{0}C).
S.U. = Standard Units.
cps = centipoise
Percent ash and halogens analyses are performed on the residue from analysis by method 5050 and its aqueous solution.
Note:

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WASTE ANALYSIS DATA SUMMARY SHEET

Project Name: ECOLOGY & ENVIRONMENTAL, INC.
Project Number: 71060
Report Date: August 18, 1998

Sample I.D.: DLC-8
Sample Date: 08/12/98
Date Received: 08/13/98
ENCOTEC I.D.: 200091992

U = Analyte not detected.

ANALYTE	QC SET ID	ANALYSIS DATE	METHOD	UNITS	RESULT	REPORT LIMIT	REGULATORY LIMIT
Flashpoint	WFPH1705	08/17/98	1010	^{0}F	164	73^{0}F	140^{0}F
Corrosivity (as pH)	WPHH1608	08/16/98	9045	S.U.	4.3	NA	$2 \leq pH \leq 12.5$

1) Results of Paint Filter Test are "Free Liquid (FL)" or "No Free Liquid (NFL)."
2) Specific Gravity is expressed as a ratio relative to unity (density of water at 25^{0}C).
S.U. = Standard Units.
cps = centipoise
Percent ash and halogens analyses are performed on the residue from analysis by method 5050 and its aqueous solution.
Note:

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WASTE ANALYSIS DATA SUMMARY SHEET

Project Name: ECOLOGY AND ENVIRONMENT INC.
Project Number: 71060
Report Date: August 20, 1998

Sample I.D.:DLC-6
Sample Date:08/12/98
Date Received: 08/13/98
ENCOTEC I.D.: 200091990

U = Analyte not detected.

ANALYTE	QC SET ID	ANALYSIS DATE	METHOD	UNITS	RESULT	REPORT LIMIT	REGULATORY LIMIT
Reactive Cyanide	WCNH1804	08/18/98	7.3.3.2	mg/Kg	U	200	250
Reactive Sulfide	WRSH1804	08/18/98	7.3.4.2	mg/Kg	U	50	500

[1] Results of Paint Filter Test are "Free Liquid (FL)" or "No Free Liquid (NFL)."
[2] Specific Gravity is expressed as a ratio relative to unity (density of water at 25°C).
S.U. = Standard Units.
cps = centipoise
Percent ash and halogens analyses are performed on the residue from analysis by method 5050 and its aqueous solution.
Note:

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WASTE ANALYSIS DATA SUMMARY SHEET

Project Name: ECOLOGY AND ENVIRONMENT INC.
Project Number: 71060
Report Date: August 20, 1998

Sample I.D.:DLC-7
Sample Date:08/12/98
Date Received: 08/13/98
ENCOTEC I.D.: 200091991

U = Analyte not detected.

ANALYTE	QC SET ID	ANALYSIS DATE	METHOD	UNITS	RESULT	REPORT LIMIT	REGULATORY LIMIT
Reactive Cyanide	WCNH1804	08/18/98	7.3.3.2	mg/Kg	U	200	250
Reactive Sulfide	WRSH1804	08/18/98	7.3.4.2	mg/Kg	U	50	500

[1] Results of Paint Filter Test are "Free Liquid (FL)" or "No Free Liquid (NFL)."
[2] Specific Gravity is expressed as a ratio relative to unity (density of water at 25°C).
S.U. = Standard Units.
cps = centipoise
Percent ash and halogens analyses are performed on the residue from analysis by method 5050 and its aqueous solution.
Note:

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WASTE ANALYSIS DATA SUMMARY SHEET

Project Name: ECOLOGY AND ENVIRONMENT INC.
Project Number: 71060
Report Date: August 20, 1998

Sample I.D.:DLC-8
Sample Date:08/12/98
Date Received: 08/13/98
ENCOTEC I.D.: 200091992

U = Analyte not detected.

ANALYTE	QC SET ID	ANALYSIS DATE	METHOD	UNITS	RESULT	REPORT LIMIT	REGULATORY LIMIT
Reactive Cyanide	WCNH1804	08/18/98	7.3.3.2	mg/Kg	U	200	250
Reactive Sulfide	WRSH1804	08/18/98	7.3.4.2	mg/Kg	U	50	500

[1] Results of Paint Filter Test are "Free Liquid (FL)" or "No Free Liquid (NFL)."
[2] Specific Gravity is expressed as a ratio relative to unity (density of water at 25°C).
S.U. = Standard Units.
cps = centipoise
Percent ash and halogens analyses are performed on the residue from analysis by method 5050 and its aqueous solution.
Note:

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WASTE ANALYSIS DATA SUMMARY SHEET

Project Name: ENCOTEC
Project Number: 10000
Report Date: August 21, 1998

Sample I.D.: METHOD BLANK
Sample Date:NA
Date Received:NA
ENCOTEC I.D.: 200089680

U = Analyte not detected.

ANALYTE	QC SET ID	ANALYSIS DATE	METHOD	UNITS	RESULT	REPORT LIMIT	REGULATORY LIMIT
Reactive Cyanide	WCNH1804	08/18/98	7.3.3.2	mg/Kg	U	200	250
Reactive Sulfide	WRSH1804	08/18/98	7.3.4.2	mg/Kg	U	50	500

[1] Results of Paint Filter Test are "Free Liquid (FL)" or "No Free Liquid (NFL)."
[2] Specific Gravity is expressed as a ratio relative to unity (density of water at 25°C).
S.U. = Standard Units.
cps = centipoise
Percent ash and halogens analyses are performed on the residue from analysis by method 5050 and its aqueous solution.
Note:

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WASTE MATRIX CALIBRATION VERIFICATION

Project Name: ENCOTEC
Project Number: 10000
Report Date: August 18, 1998

Analyte	QC Set ID	Units	Theo. Value	Observed Value	% Rec	QUALITY CONTROL WINDOWS % Recovery
Flashpoint	WFPH1705	^0F	81	79	N/A	79 - 83 ^0F

* Value is outside quality control windows.

Recovery: 0 out of 1 outside QC Windows.

Note:

Form 120WPN4G.GN3

Rev. 08/10/98

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WASTE MATRIX CALIBRATION VERIFICATION

Project Name: ENCOTEC
Project Number: 10000
Report Date:August 20, 1998

Analyte	QC Set ID	Units	Theo. Value	Observed Value	% Rec	QUALITY CONTROL WINDOWS % Recovery
Reactive Cyanide	WCNH1804	mg/Kg	975	236	24	D - 100
Reactive Sulfide	WRSH1804	mg/Kg	685	563	82	D - 100

* Value is outside quality control windows.

Recovery: 0 out of 2 outside QC Windows.

Note:

Form 120WPN4G.GN3 Rev. 08/10/98

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WASTE MATRIX LABORATORY DUPLICATE (D) RECOVERY

Project Name: ENCOTEC
Project Number: 10000
Report Date: August 18, 1998

Analyte	ENCOTEC Sample ID	QC Set ID	Units	Sample Result	Duplicate Result	RPD	QUALITY CONTROL WINDOW RPD[1]
Flashpoint	200091983	WFPH1705	^{0}F	>200	>200	NC	30
Corrosivity, by pH	200091984	WPHH1607	S.U.	7.1	7.2	0.8	30

[1] When one or both concentrations are less than 5X detection level (DL), the QC Window is redefined. In that circumstance, the absolute value for the range between the two concentrations must be ≤ report limit (RL) for the results to be considered to be in control.

NC = One or both values is < RL, making results not calculable.
U = Analyte is undetected. * = Value is outside quality control windows.

RPD: 0 out of 2 outside QC Windows.

Note:

Form 120WPN7G.GN6 Rev. 08/10/98

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WASTE MATRIX LABORATORY DUPLICATE (D) RECOVERY

Project Name: ENCOTEC
Project Number: 10000
Report Date: August 18, 1998

Analyte	ENCOTEC Sample ID	QC Set ID	Units	Sample Result	Duplicate Result	RPD	QUALITY CONTROL WINDOW RPD[1]
Corrosivity, by pH	200091991	WPHH1608	S.U.	5.2	5.2	0.4	30

[1] When one or both concentrations are less than 5X detection level (DL), the QC Window is redefined. In that circumstance, the absolute value for the range between the two concentrations must be ≤ report limit (RL) for the results to be considered to be in control.

NC = One or both values is < RL, making results not calculable.
U = Analyte is undetected. * = Value is outside quality control windows.

RPD: 0 out of 1 outside QC Windows.

Note:

Form 120WPN7G.GN6 Rev. 08/10/98

Safety-Kleen (ENCOTEC), Inc.
3985 Research Park Drive * Ann Arbor, MI 48108
734 / 761-1389

WASTE MATRIX LABORATORY DUPLICATE (D) RECOVERY

Project Name: ENCOTEC
Project Number: 10000
Report Date:August 20, 1998

Analyte	ENCOTEC Sample ID	QC Set ID	Units	Sample Result	Duplicate Result	RPD	QUALITY CONTROL WINDOW RPD[1]
Reactive Cyanide	200091870	WCNH1804	mg/Kg	U	U	NC	30
Reactive Sulfide	200091870	WRSH1804	mg/Kg	U	U	NC	30

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[1] When one or both concentrations are less than 5X detection level (DL), the QC Window is redefined. In that circumstance, the absolute value for the range between the two concentrations must be ≤ report limit (RL) for the results to be considered to be in control.

NC = One or both values is < RL, making results not calculable.
U = Analyte is undetected. * = Value is outside quality control windows.

RPD: 0 out of 0 outside QC Windows.

Note:

Form 120WPN7G.GN6 Rev. 08/10/98

Safety-Kleen (ENCOTEC), Inc.
3985 Research Park Drive * Ann Arbor, MI 48108
734 / 761-1389

WASTE ANALYSIS DATA SUMMARY SHEET

Project Name: ECOLOGY & ENVIRONMENTAL, INC.
Project Number: 71060
Report Date: August 27, 1998

Sample I.D.: DLT -1
Sample Date: 08/12/98
Date Received: 08/13/98
ENCOTEC I.D.: 200091983

U = Analyte not detected.

ANALYTE	QC SET ID	ANALYSIS DATE	METHOD	UNITS	RESULT	REPORT LIMIT	REGULATORY LIMIT
Percent Halogens (as Cl^-)	WBTH2004	08/20/98	9253	%	U	0.05	NA

[1] Results of Paint Filter Test are "Free Liquid (FL)" or "No Free Liquid (NFL)."
[2] Specific Gravity is expressed as a ratio relative to unity (density of water at 25^0C).
S.U. = Standard Units.
cps = centipoise
Percent ash and halogens analyses are performed on the residue from analysis by method 5050 and its aqueous solution.
Note:

Form 120WPN1G.GN6 Rev. 08/10/98

Safety-Kleen (ENCOTEC), Inc.
3985 Research Park Drive * Ann Arbor, MI 48108
734 / 761-1389

WASTE ANALYSIS DATA SUMMARY SHEET

Project Name: ECOLOGY & ENVIRONMENTAL, INC.
Project Number: 71060
Report Date: August 27, 1998

Sample I.D.: DLT -2
Sample Date: 08/12/98
Date Received: 08/13/98
ENCOTEC I.D.: 200091984

U = Analyte not detected.

ANALYTE	QC SET ID	ANALYSIS DATE	METHOD	UNITS	RESULT	REPORT LIMIT	REGULATORY LIMIT
Percent Halogens (as Cl^-)	WBTH2004	08/20/98	9253	%	U	0.05	NA

1) Results of Paint Filter Test are "Free Liquid (FL)" or "No Free Liquid (NFL)."
2) Specific Gravity is expressed as a ratio relative to unity (density of water at 25°C).
S.U. = Standard Units.
cps = centipoise
Percent ash and halogens analyses are performed on the residue from analysis by method 5050 and its aqueous solution.
Note:

Form 120WPN1G.GN6 Rev. 08/10/98

Safety-Kleen (ENCOTEC), Inc.
3985 Research Park Drive * Ann Arbor, MI 48108
734 / 761-1389

WASTE MATRIX CALIBRATION VERIFICATION

Project Name: ENCOTEC
Project Number: 10000
Report Date: August 27, 1998

Analyte	QC Set ID	Units	Theo. Value	Observed Value	% Rec	QUALITY CONTROL WINDOWS % Recovery
Percent Halogens	WBYH2004	mg/L	102	106	104	70 - 130

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* Value is outside quality control windows.

Recovery: 0 out of 1 outside QC Windows.

Note:

Form 120WPN4G.GN3

Rev. 08/10/98

Safety-Kleen (ENCOTEC), Inc.
3985 Research Park Drive * Ann Arbor, MI 48108
734 / 761-1389

WASTE MATRIX LABORATORY DUPLICATE (D) RECOVERY

Project Name: ENCOTEC
Project Number: 10000
Report Date: August 27, 1998

Analyte	ENCOTEC Sample ID	QC Set ID	Units	Sample Result	Duplicate Result	RPD	QUALITY CONTROL WINDOW RPD[1)]
Percent Halogens	200091983	WBTH2004	%	U	U	NC	30

[1)] When one or both concentrations are less than 5X detection level (DL), the QC Window is redefined. In that circumstance, the absolute value for the range between the two concentrations must be ≤ report limit (RL) for the results to be considered to be in control.

NC = One or both values is < RL, making results not calculable.
U = Analyte is undetected. * = Value is outside quality control windows.

RPD: 0 out of 0 outside QC Windows.

Note:

Form 120WPN7G.GN6 Rev. 08/10/98

RAW DATA

General Chemistry

WASTE PROFILE GROUP

Summarized Data - Cover Sheet

Date of Summary: 8 / 17 / 98 Summarizer: Erik Landeck

LIMS ID

WFLP, WPH

Clients included in this summary package

	Client	Sub. #	Due Date	full	Sub. #	Due Date	full	Sub. #	Due Date	full
1.	EEI	13219	8/17/98	X						
2.										
3.										
4.										
5.										
6.										

	SUMMARY REVIEW - (Data Management)	Comments:
	☐ Summary review completed.	
/ /	☐ Data Summary accepted.	
	☐ Data Summary rejected.	
	☐ See comments for future reference.	

WPCOV.XLS 10/02/95

WASTE ANALYSIS DATA SUMMARY SHEET

Project Name: Ecology & Enviromental, Inc. Project Number: 71060

Report Date: _____

Sample I.D.: DLT - 1 U = Analyte not detected.

Sample Date: 08/12/98

Date Received: 08/13/98

ENCOTEC I.D.: 200091983

ANALYTE	QC SET ID	ANALYSIS DATE	METHOD	UNITS	RESULT	REPORT LIMIT	REGULATORY LIMIT
Flashpoint	WFPH1705	08/17/98	1010	°F	>200	73°F	140°F
Corrosivity (as pH)	WPHH1608	08/16/98	~~9040/9041~~/9045	S.U.	5.6	NA	2 ≤ pH ≤ 12.5
~~Corrosivity~~			~~1110~~	~~mmpy~~	~~U~~	~~6.35~~	~~6.35~~
Percent Water, Karl Fischer			ASTM D4377	% (wt)	U	0.03	NA
Reactive Cyanide			7.3.3.2	mg/Kg	U	200	250
Reactive Sulfide			7.3.4.2	mg/Kg	U	50	500
Heat Value			5050	BTU/lb	U	500	NA
Percent Ash			Gravimetric	%	U	0.2	NA
Acid Scrub			305.2	lb NaOH/lb	U	0.002	NA
Percent Halogens (as Cl^-)			9253	%	U	0.1	NA
Paint Filter Test			9095	NA[1]		NA	NA
Density			D653, E12, D4439	lb/ft³		NA	NA
Solids, Total			SM209A	%	U	0.1	NA
Specific Gravity			D1298, D1429	NA[2]		NA	NA
Total Organic Carbon			9060 Modified	mg/Kg	U	1	NA
~~Viscosity~~			~~Brookfield~~	~~cps @ 25°C~~	~~U~~	~~10~~	~~NA~~ 8/17 EL

[1] Results of Paint Filter Test are "Free Liquid (FL)" or "No Free Liquid (NFL)."

[2] Specific Gravity is expressed as a ratio relative to unity (density of water at 25°C).

S.U. = Standard Units. cps = centipoise

Percent ash and halogens analyses are performed on the residue from analysis by method 5050 and its aqueous solution.

Note:

Form 120WPH1G.GN6 Rev. 03/09/98

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WASTE ANALYSIS DATA SUMMARY SHEET

Project Name: Ecology & Environmental, Inc. Project Number: 71060

Report Date: _____

Sample I.D.: DLT-2 U = Analyte not detected.

Sample Date: 08/12/98

Date Received: 08/13/98

ENCOTEC I.D.: 200091984

ANALYTE	QC SET ID	ANALYSIS DATE	METHOD	UNITS	RESULT	REPORT LIMIT	REGULATORY LIMIT
Flashpoint	WFPH 1705	08/17/98	1010	°F	>200	73°F	140°F
Corrosivity (as pH)	WPHH 1607	08/16/98	9040 ~~/9041/9045~~	S.U.	7.1	NA	2 ≤ pH ≤ 12.5
~~Corrosivity~~			~~1110~~	~~mmpy~~	~~U~~	~~6.35~~	~~6.35~~
Percent Water, Karl Fischer			ASTM D4377	% (wt)	U	0.03	NA
Reactive Cyanide			7.3.3.2	mg/Kg	U	200	250
Reactive Sulfide			7.3.4.2	mg/Kg	U	50	500
Heat Value			5050	BTU/lb	U	500	NA
Percent Ash			Gravimetric	%	U	0.2	NA
Acid Scrub			305.2	lb NaOH/lb	U	0.002	NA
Percent Halogens (as Cl^-)			9253	%	U	0.1	NA
Paint Filter Test			9095	NA[1]		NA	NA
Density			D653, E12, D4439	lb/ft^3		NA	NA
Solids, Total			SM209A	%	U	0.1	NA
Specific Gravity			D1298, D1429	NA[2]		NA	NA
Total Organic Carbon			9060 Modified	mg/Kg	U	1	NA
~~Viscosity~~			~~Brookfield~~	~~cps @ 25°C~~	~~U~~	~~10~~	~~NA~~ 8/17 [illegible]

[1] Results of Paint Filter Test are "Free Liquid (FL)" or "No Free Liquid (NFL)."

[2] Specific Gravity is expressed as a ratio relative to unity (density of water at 25°C).

S.U. = Standard Units. cps = centipoise

Percent ash and halogens analyses are performed on the residue from analysis by method 5050 and its aqueous solution.

Note:

Form 120WPHIG.GN6 Rev. 03/09/98

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WASTE ANALYSIS DATA SUMMARY SHEET

Project Name: Ecology & Enviromental, Inc. Project Number: 71060

Report Date: _____

Sample I.D.: DLD-1 U = Analyte not detected.

Sample Date: 08/12/98

Date Received: 08/13/98

ENCOTEC I.D.: 200091985

ANALYTE	QC SET ID	ANALYSIS DATE	METHOD	UNITS	RESULT	REPORT LIMIT	REGULATORY LIMIT
~~Flashpoint~~			~~1010~~	~~°F~~		~~73°F~~	~~140°F~~
Corrosivity (as pH)	WPHH1608	08/16/98	~~9040/9041/~~9045	S.U.	<1	NA	2 ≤ pH ≤ 12.5
~~Corrosivity~~			~~1110~~	~~mmpy~~	~~U~~	~~6.35~~	~~6.35~~
Percent Water, Karl Fischer			ASTM D4377	% (wt)	U	0.03	NA
Reactive Cyanide			7.3.3.2	mg/Kg	U	200	250
Reactive Sulfide			7.3.4.2	mg/Kg	U	50	500
Heat Value			5050	BTU/lb	U	500	NA
Percent Ash			Gravimetric	%	U	0.2	NA
Acid Scrub			305.2	lb NaOH/lb	U	0.002	NA
Percent Halogens (as Cl^-)			9253	%	U	0.1	NA
Paint Filter Test			9095	NA[1]		NA	NA
Density			D653, E12, D4439	lb/ft^3		NA	NA
Solids, Total			SM209A	%	U	0.1	NA
Specific Gravity			D1298, D1429	NA[2]		NA	NA
Total Organic Carbon			9060 Modified	mg/Kg	U	1	NA
~~Viscosity~~			~~Brookfield~~	~~cps @ 25°C~~	~~U~~	~~10~~	~~NA~~ 8/17 EL

[1] Results of Paint Filter Test are "Free Liquid (FL)" or "No Free Liquid (NFL)."

[2] Specific Gravity is expressed as a ratio relative to unity (density of water at 25°C).

S.U. = Standard Units. cps = centipoise

Percent ash and halogens analyses are performed on the residue from analysis by method 5050 and its aqueous solution.

Note:

Form 120WPN1G.GN6 Rev. 03/09/98

WASTE ANALYSIS DATA SUMMARY SHEET

Project Name: Ecology & Environmental, Inc. Project Number: 71060

Report Date: _____

Sample I.D.: DLC-2 U = Analyte not detected.

Sample Date: 08/12/98

Date Received: 08/13/98

ENCOTEC I.D.: 2000 91986

ANALYTE	QC SET ID	ANALYSIS DATE	METHOD	UNITS	RESULT	REPORT LIMIT	REGULATORY LIMIT
~~Flashpoint~~			~~1010~~	~~°F~~		~~73°F~~	~~140°F~~
Corrosivity (as pH)	WPHH1705	08/17/98	9040/~~9041/9045~~	S.U.	<1	NA	2 ≤ pH ≤ 12.5
~~Corrosivity~~			~~1110~~	~~mmpy~~	~~U~~	~~6.35~~	~~6.35~~
Percent Water, Karl Fischer			ASTM D4377	% (wt)	U	0.03	NA
Reactive Cyanide			7.3.3.2	mg/Kg	U	200	250
Reactive Sulfide			7.3.4.2	mg/Kg	U	50	500
Heat Value			5050	BTU/lb	U	500	NA
Percent Ash			Gravimetric	%	U	0.2	NA
Acid Scrub			305.2	lb NaOH/lb	U	0.002	NA
Percent Halogens (as Cl^-)			9253	%	U	0.1	NA
Paint Filter Test			9095	NA[1]		NA	NA
Density			D653, E12, D4439	lb/ft^3		NA	NA
Solids, Total			SM209A	%	U	0.1	NA
Specific Gravity			D1298, D1429	NA[2]		NA	NA
Total Organic Carbon			9060 Modified	mg/Kg	U	1	NA
~~Viscosity~~			~~Brookfield~~	~~cps @ 25°C~~	~~U~~	~~10~~	~~NA~~ 8/17 EL

[1] Results of Paint Filter Test are "Free Liquid (FL)" or "No Free Liquid (NFL)."

[2] Specific Gravity is expressed as a ratio relative to unity (density of water at 25°C).

S.U. = Standard Units. cps = centipoise

Percent ash and halogens analyses are performed on the residue from analysis by method 5050 and its aqueous solution.

Note:

Form 120WPNIG GN6 Rev. 03/09/98

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WASTE ANALYSIS DATA SUMMARY SHEET

Project Name: Ecology & Enviromental, Inc. Project Number: 71060

Report Date: _____

Sample I.D.: DLC-3 U = Analyte not detected.

Sample Date: 08/12/98

Date Received: 08/13/98

ENCOTEC I.D.: 200091987

ANALYTE	QC SET ID	ANALYSIS DATE	METHOD	UNITS	RESULT	REPORT LIMIT	REGULATORY LIMIT
~~Flashpoint~~			~~1010~~	~~°F~~		~~73°F~~	~~140°F~~
Corrosivity (as pH)	WPHH1607	08/16/98	9040 ~~/9041/9045~~	S.U.	9.6	NA	2 ≤ pH ≤ 12.5
~~Corrosivity~~			~~1110~~	~~mmpy~~	~~U~~	~~6.35~~	~~6.35~~
Percent Water, Karl Fischer			ASTM D4377	% (wt)	U	0.03	NA
Reactive Cyanide			7.3.3.2	mg/Kg	U	200	250
Reactive Sulfide			7.3.4.2	mg/Kg	U	50	500
Heat Value			5050	BTU/lb	U	500	NA
Percent Ash			Gravimetric	%	U	0.2	NA
Acid Scrub			305.2	lb NaOH/lb	U	0.002	NA
Percent Halogens (as Cl^-)			9253	%	U	0.1	NA
Paint Filter Test			9095	NA[1]		NA	NA
Density			D653, E12, D4439	lb/ft³		NA	NA
Solids, Total			SM209A	%	U	0.1	NA
Specific Gravity			D1298, D1429	NA[2]		NA	NA
Total Organic Carbon			9060 Modified	mg/Kg	U	1	NA
~~Viscosity~~			~~Brookfield~~	~~cps @ 25°C~~	~~U~~	~~10~~	~~NA~~ 8/17 EL

[1] Results of Paint Filter Test are "Free Liquid (FL)" or "No Free Liquid (NFL)."

[2] Specific Gravity is expressed as a ratio relative to unity (density of water at 25°C).

S.U. = Standard Units. cps = centipoise

Percent ash and halogens analyses are performed on the residue from analysis by method 5050 and its aqueous solution.

Note:

Form 120WPNIG GN6 Rev 03/09/98

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WASTE ANALYSIS DATA SUMMARY SHEET

Project Name: Ecology & Enviromental, Inc. Project Number: 71068

Report Date: _____

Sample I.D.: DLC-4 U = Analyte not detected.

Sample Date: 08/12/98

Date Received: 08/13/98

ENCOTEC I.D.: 200091988

ANALYTE	QC SET ID	ANALYSIS DATE	METHOD	UNITS	RESULT	REPORT LIMIT	REGULATORY LIMIT
~~Flashpoint~~			~~1010~~	~~°F~~		~~73°F~~	~~140°F~~
Corrosivity (as pH)	WPHH1607	08/16/98	9040/~~9041/9045~~	S.U.	<1	NA	2 ≤ pH ≤ 12.5
~~Corrosivity~~			~~1110~~	~~mmpy~~	~~U~~	~~6.35~~	~~6.35~~
Percent Water, Karl Fischer			ASTM D4377	% (wt)	U	0.03	NA
Reactive Cyanide			7.3.3.2	mg/Kg	U	200	250
Reactive Sulfide			7.3.4.2	mg/Kg	U	50	500
Heat Value			5050	BTU/lb	U	500	NA
Percent Ash			Gravimetric	%	U	0.2	NA
Acid Scrub			305.2	lb NaOH/lb	U	0.002	NA
Percent Halogens (as Cl^-)			9253	%	U	0.1	NA
Paint Filter Test			9095	NA[1]		NA	NA
Density			D653, E12, D4439	lb/ft^3		NA	NA
Solids, Total			SM209A	%	U	0.1	NA
Specific Gravity			D1298, D1429	NA[2]		NA	NA
Total Organic Carbon			9060 Modified	mg/Kg	U	1	NA
~~Viscosity~~			~~Brookfield~~	~~cps @ 25°C~~	~~U~~	~~10~~	~~NA~~ 8/17 EL

[1] Results of Paint Filter Test are "Free Liquid (FL)" or "No Free Liquid (NFL).".

[2] Specific Gravity is expressed as a ratio relative to unity (density of water at 25°C).

S.U. = Standard Units. cps = centipoise

Percent ash and halogens analyses are performed on the residue from analysis by method 5050 and its aqueous solution.

Note:

Form 120WPN1G GN6 Rev. 03/09/98

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WASTE ANALYSIS DATA SUMMARY SHEET

Project Name: Ecology & Enviromental, Inc. Project Number: 71060

Report Date: _____

Sample I.D.: DLC-5 U = Analyte not detected.

Sample Date: 08/12/98

Date Received: 08/13/98

ENCOTEC I.D.: 200091989

ANALYTE	QC SET ID	ANALYSIS DATE	METHOD	UNITS	RESULT	REPORT LIMIT	REGULATORY LIMIT
~~Flashpoint~~			~~1010~~	~~°F~~		~~73°F~~	~~140°F~~
Corrosivity (as pH)	WPHH1607	08/16/98	9040/~~9041/9045~~	S.U.	<1	NA	2 ≤ pH ≤ 12.5
~~Corrosivity~~			~~1110~~	~~mmpy~~	~~U~~	~~6.35~~	~~6.35~~
Percent Water, Karl Fischer			ASTM D4377	% (wt)	U	0.03	NA
Reactive Cyanide			7.3.3.2	mg/Kg	U	200	250
Reactive Sulfide			7.3.4.2	mg/Kg	U	50	500
Heat Value			5050	BTU/lb	U	500	NA
Percent Ash			Gravimetric	%	U	0.2	NA
Acid Scrub			305.2	lb NaOH/lb	U	0.002	NA
Percent Halogens (as Cl^-)			9253	%	U	0.1	NA
Paint Filter Test			9095	NA[1]		NA	NA
Density			D653, E12, D4439	lb/ft^3		NA	NA
Solids, Total			SM209A	%	U	0.1	NA
Specific Gravity			D1298, D1429	NA[2]		NA	NA
Total Organic Carbon			9060 Modified	mg/Kg	U	1	NA
~~Viscosity~~			~~Brookfield~~	~~cps @ 25°C~~	~~U~~	~~10~~	~~NA~~ 8/17 EL

[1] Results of Paint Filter Test are "Free Liquid (FL)" or "No Free Liquid (NFL)."

[2] Specific Gravity is expressed as a ratio relative to unity (density of water at 25°C).

S.U. = Standard Units. cps = centipoise

Percent ash and halogens analyses are performed on the residue from analysis by method 5050 and its aqueous solution.

Note:

Form 120WPHIC.GNR Rev. 03/09/98

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WASTE ANALYSIS DATA SUMMARY SHEET

Project Name: Ecology & Enviromental, Inc. Project Number: 71060

Report Date: _____

Sample I.D.: DLC-6 U = Analyte not detected.

Sample Date: 08/12/98

Date Received: 08/13/98

ENCOTEC I.D.: 200091990

ANALYTE	QC SET ID	ANALYSIS DATE	METHOD	UNITS	RESULT	REPORT LIMIT	REGULATORY LIMIT
Flashpoint	WFPH1705	08/17/98	1010	°F	171	73°F	140°F
Corrosivity (as pH)	WPHH1608	08/16/98	~~9040/9041/~~0045	S.U.	4.8	NA	2 ≤ pH ≤ 12.5
~~Corrosivity~~			~~1110~~	~~mmpy~~	~~U~~	~~6.35~~	~~6.35~~
Percent Water, Karl Fischer			ASTM D4377	% (wt)	U	0.03	NA
Reactive Cyanide			7.3.3.2	mg/Kg	U	200	250
Reactive Sulfide			7.3.4.2	mg/Kg	U	50	500
Heat Value			5050	BTU/lb	U	500	NA
Percent Ash			Gravimetric	%	U	0.2	NA
Acid Scrub			305.2	lb NaOH/lb	U	0.002	NA
Percent Halogens (as Cl^-)			9253	%	U	0.1	NA
Paint Filter Test			9095	NA[1]		NA	NA
Density			D653, E12, D4439	lb/ft^3		NA	NA
Solids, Total			SM209A	%	U	0.1	NA
Specific Gravity			D1298, D1429	NA[2]		NA	NA
Total Organic Carbon			9060 Modified	mg/Kg	U	1	NA
~~Viscosity~~			~~Brookfield~~	~~cps @ 25°C~~	~~U~~	~~10~~	~~NA~~ 8/17 EL

[1] Results of Paint Filter Test are "Free Liquid (FL)" or "No Free Liquid (NFL)."

[2] Specific Gravity is expressed as a ratio relative to unity (density of water at 25°C).

S.U. = Standard Units. cps = centipoise

Percent ash and halogens analyses are performed on the residue from analysis by method 5050 and its aqueous solution.

Note:

Form 120WPNIG.GN6 Rev. 03/09/98

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WASTE ANALYSIS DATA SUMMARY SHEET

Project Name: Ecology & Enviromental, Inc. Project Number: 71060

Report Date: _____

Sample I.D.: DLC-7 U = Analyte not detected.

Sample Date: 08/12/98

Date Received: 08/13/98

ENCOTEC I.D.: 200091991

ANALYTE	QC SET ID	ANALYSIS DATE	METHOD	UNITS	RESULT	REPORT LIMIT	REGULATORY LIMIT
Flashpoint	WFPH1705	08/17/98	1010	°F	113	73°F	140°F
Corrosivity (as pH)	WPHH1608	08/16/98	~~9040/9041~~/9045	S.U.	5.2	NA	2 ≤ pH ≤ 12.5
~~Corrosivity~~			~~1110~~	~~mmpy~~	~~U~~	~~6.35~~	~~6.35~~
Percent Water, Karl Fischer			ASTM D4377	% (wt)	U	0.03	NA
Reactive Cyanide			7.3.3.2	mg/Kg	U	200	250
Reactive Sulfide			7.3.4.2	mg/Kg	U	50	500
Heat Value			5050	BTU/lb	U	500	NA
Percent Ash			Gravimetric	%	U	0.2	NA
Acid Scrub			305.2	lb NaOH/lb	U	0.002	NA
Percent Halogens (as Cl^-)			9253	%	U	0.1	NA
Paint Filter Test			9095	NA[1]		NA	NA
Density			D653, E12, D4439	lb/ft³		NA	NA
Solids, Total			SM209A	%	U	0.1	NA
Specific Gravity			D1298, D1429	NA[2]		NA	NA
Total Organic Carbon			9060 Modified	mg/Kg	U	1	NA
~~Viscosity~~			~~Brookfield~~	~~cps @ 25°C~~	~~U~~	~~10~~	~~NA~~ 8/17 EL

[1] Results of Paint Filter Test are "Free Liquid (FL)" or "No Free Liquid (NFL)."

[2] Specific Gravity is expressed as a ratio relative to unity (density of water at 25°C).

S.U. = Standard Units. cps = centipoise

Percent ash and halogens analyses are performed on the residue from analysis by method 5050 and its aqueous solution.

Note:

Form 120WPN1C.GN6 Rev. 03/09/98

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WASTE ANALYSIS DATA SUMMARY SHEET

Project Name: Ecology & Enviromental, Inc. Project Number: 71060

Report Date: _____

Sample I.D.: DLC-8 U = Analyte not detected.

Sample Date: 08/12/98

Date Received: 08/13/98

ENCOTEC I.D.: 200091992

ANALYTE	QC SET ID	ANALYSIS DATE	METHOD	UNITS	RESULT	REPORT LIMIT	REGULATORY LIMIT
Flashpoint	WFP H1705	08/17/98	1010	°F	164	73°F	140°F
Corrosivity (as pH)	WPH H1608	08/16/98	~~9040/9041~~/9045	S.U.	4.3	NA	2 ≤ pH ≤ 12.5
~~Corrosivity~~			~~1110~~	~~mmpy~~	~~U~~	~~6.35~~	~~6.35~~
Percent Water, Karl Fischer			ASTM D4377	% (wt)	U	0.03	NA
Reactive Cyanide			7.3.3.2	mg/Kg	U	200	250
Reactive Sulfide			7.3.4.2	mg/Kg	U	50	500
Heat Value			5050	BTU/lb	U	500	NA
Percent Ash			Gravimetric	%	U	0.2	NA
Acid Scrub			305.2	lb NaOH/lb	U	0.002	NA
Percent Halogens (as Cl^-)			9253	%	U	0.1	NA
Paint Filter Test			9095	NA[1]		NA	NA
Density			D653, E12, D4439	lb/ft^3		NA	NA
Solids, Total			SM209A	%	U	0.1	NA
Specific Gravity			D1298, D1429	NA[2]		NA	NA
Total Organic Carbon			9060 Modified	mg/Kg	U	1	NA
~~Viscosity~~			~~Brookfield~~	~~cps @ 25°C~~	~~U~~	~~10~~	~~NA~~ 8/17 EL

[1] Results of Paint Filter Test are "Free Liquid (FL)" or "No Free Liquid (NFL)."

[2] Specific Gravity is expressed as a ratio relative to unity (density of water at 25°C).

S.U. = Standard Units. cps = centipoise

Percent ash and halogens analyses are performed on the residue from analysis by method 5050 and its aqueous solution.

Note:

Form 120WPN1G.GN6 Rev. 03/09/98

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WASTE MATRIX LABORATORY DUPLICATE (D) RECOVERY

Project Name: ENCOTEC Project Number: 10000

Report Date:

Analyte	ENCOTEC Sample ID	QC Set ID	Units	Sample Result	Duplicate Result	RPD	QUALITY CONTROL WINDOW RPD[1]
Flashpoint	2000 91983	WFPH1705	°F	>200	>200	NC	30
Corrosivity, by pH	2000 91984	WPHH1607	S.U.	7.1	7.2	0.8%	30
~~Corrosivity~~			~~mmpy~~				~~30~~
Percent Water, Karl Fischer			% (wt)				30
Reactive Cyanide			mg/Kg				30
Reactive Sulfide			mg/Kg				30
Heat Value			BTU/lb				30
Percent Ash			%				30
Acid Scrub			lb NaOH/lb				30
Percent Halogens			%				30
Paint Filter Test			NA				
Density			lb/ft³				30
Solids, Total			%				30
Specific Gravity			NA				30
Total Organic Carbon			%				
~~Viscosity~~			~~cps @ 25°C~~				~~30~~ 8/17 E

1) When one or both concentrations are less than 5X detection level (DL), the QC Window is redefined. In that circumstance, the absolute value for the range between the two concentrations must be ≤ report limit (RL) for the results to be considered to be in control.

NC = One or both values is < RL, making results not calculable. U = Analyte is undetected. * = Value is outside quality control windows.

RPD: Ø out of 2 outside QC Windows.

Note:

Form 120WPN7G GN6 Rev. 05/26/95

44

WASTE MATRIX LABORATORY DUPLICATE (D) RECOVERY

Project Name: ENCOTEC Project Number: 10000

Report Date:

Analyte	ENCOTEC Sample ID	QC Set ID	Units	Sample Result	Duplicate Result	RPD	QUALITY CONTROL WINDOW RPD[1]
~~Flashpoint~~			~~°F~~				~~30~~
Corrosivity, by pH	200091991	WPHH1608	S.U.	5.2	5.2	0.4%	30
~~Corrosivity~~			~~mmpy~~				~~30~~
Percent Water, Karl Fischer			% (wt)				30
Reactive Cyanide			mg/Kg				30
Reactive Sulfide			mg/Kg				30
Heat Value			BTU/lb				30
Percent Ash			%				30
Acid Scrub			lb NaOH/lb				30
Percent Halogens			%				30
Paint Filter Test			NA				
Density			lb/ft³				30
Solids, Total			%				30
Specific Gravity			NA				30
Total Organic Carbon			%				
~~Viscosity~~			~~cps @ 25°C~~				~~30~~

8/17E

[1] When one or both concentrations are less than 5X detection level (DL), the QC Window is redefined. In that circumstance, the absolute value for the range between the two concentrations must be ≤ report limit (RL) for the results to be considered to be in control.

NC = One or both values is < RL, making results not calculable. U = Analyte is undetected. * = Value is outside quality control windows.

RPD: Ø out of 1 outside QC Windows.

Note:

Form 120WPN7G GN6 Rev. 05/26/95

ENVIRONMENTAL CONTROL TECHNOLOGY CORPORATION
3985 Research Park Drive * Ann Arbor, MI 48108
313 / 761-1389

WASTE MATRIX CALIBRATION VERIFICATION

Project Name: ENCOTEC

Project Number: 10000

Report Date: _____

Analyte	QC Set ID	Units	Theo. Value	Observed Value	% Rec	QUALITY CONTROL WINDOWS % Recovery
Flashpoint	WFPH1705	°F	81	79	N/A	79 - 83 °F
Percent Water, ~~Karl Fischer~~		~~% (wt)~~				~~80 - 120~~
Reactive Cyanide		mg/Kg				D - 100
Reactive Sulfide		mg/Kg				D - 100
Percent Halogens		mg/L	1000			70 - 130
Total Organic Carbon		mg/L	1000			90 - 110
~~Viscosity~~		~~cps~~				~~80 - 120~~

8/17 EL

* Value is outside quality control windows

Recovery: Ø out of 1 outside QC Windows.

Note:

Form 120WPN4G GN3

Rev. 08/10/94

WASTE PROFILE GROUP

Summarized Data - Cover Sheet

Date of Summary: 8 / 19 / 98. Summarizer: F. Austin Díaz

LIMS ID

WRCN

WRS2

Clients included in this summary package

	Client	Sub. #	Due Date	full	Sub. #	Due Date	full	Sub. #	Due Date	full
1.	EEI	13219	08/21/98	X						
2.										
3.										
4.										
5.										
6.										

	SUMMARY REVIEW - (Data Management)	Comments:
	☐ Summary review completed.	
/ /	☐ Data Summary accepted.	
	☐ Data Summary rejected.	
	☐ See comments for future reference.	

WPCOV.XLS 10/02/95

WASTE ANALYSIS DATA SUMMARY SHEET

Project Name: Ecology and Environment Inc. Project Number: 71060

Report Date: _____

Sample I.D.: DLC-6 U = Analyte not detected.

Sample Date: 08/12/98

Date Received: 08/13/98

ENCOTEC I.D.: 20009199D

ANALYTE	QC SET ID	ANALYSIS DATE	METHOD	UNITS	RESULT	REPORT LIMIT	REGULATORY LIMIT
~~Flashpoint~~			~~1010~~	~~°F~~		~~73°F~~	~~140°F~~
~~Corrosivity (as pH)~~			~~9040/9041/9045~~	~~S.U.~~		~~NA~~	~~2 ≤ pH ≤ 12.5~~
~~Corrosivity~~			~~1110~~	~~mmpy~~	~~U~~	~~6.35~~	~~6.35~~
Percent Water, ~~Karl Fischer~~			~~ASTM D4377~~	~~% (wt)~~	~~U~~	~~0.03~~	~~NA~~
Reactive Cyanide	WCNH1804	08/18/98	7.3.3.2	mg/Kg	U	200	250
Reactive Sulfide	WRSH1804	08/18/98	7.3.4.2	mg/Kg	U	50	500
~~Heat Value~~			~~5050~~	~~BTU/lb~~	~~U~~	~~500~~	~~NA~~
Percent Ash			Gravimetric	%	U	0.2	NA
Acid Scrub			305.2	lb NaOH/lb	U	0.002	NA
Percent Halogens (as Cl^-)			9253	%	U	0.1	NA
Paint Filter Test			9095	NA[1]		NA	NA
Density			D653, E12, D4439	lb/ft^3		NA	NA
Solids, Total			SM209A	%	U	0.1	NA
Specific Gravity			D1298, D1429	NA[2]		NA	NA
Total Organic Carbon			9060 Modified	mg/Kg	U	1	NA
~~Viscosity~~			~~Brookfield~~	~~cps @ 25°C~~	~~U~~	~~10~~	~~NA~~

FAD 8/19/98.

[1] Results of Paint Filter Test are "Free Liquid (FL)" or "No Free Liquid (NFL)."

[2] Specific Gravity is expressed as a ratio relative to unity (density of water at 25°C).

S.U. = Standard Units. cps = centipoise

Percent ash and halogens analyses are performed on the residue from analysis by method 5050 and its aqueous solution.

Note:

Form 120WPHIG.CNG Rev. 03/09/98

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WASTE ANALYSIS DATA SUMMARY SHEET

Project Name: Ecology and Environment Inc. Project Number: 71060

Report Date: _____

FAD 8/19/98.

Sample I.D.: ~~X~~ DLC-7 U = Analyte not detected.

Sample Date: 08/12/98

Date Received: 08/13/98

ENCOTEC I.D.: 200091991

ANALYTE	QC SET ID	ANALYSIS DATE	METHOD	UNITS	RESULT	REPORT LIMIT	REGULATORY LIMIT
~~Flashpoint~~			~~1010~~	~~°F~~		~~73°F~~	~~140°F~~
~~Corrosivity (as pH)~~			~~9040/9041/9045~~	~~S.U.~~		~~NA~~	~~2 ≤ pH ≤ 12.5~~
~~Corrosivity~~			~~1110~~	~~mmpy~~	~~U~~	~~6.35~~	~~6.35~~
Percent Water, ~~Karl Fischer~~			~~ASTM D4377~~	~~% (wt)~~	~~U~~	~~0.03~~	~~NA~~
Reactive Cyanide	WCNH1804	08/18/98	7.3.3.2	mg/Kg	U	200	250
Reactive Sulfide	WRSH1804	08/18/98	7.3.4.2	mg/Kg	U	50	500
~~Heat Value~~			~~5050~~	~~BTU/lb~~	~~U~~	~~500~~	~~NA~~
Percent Ash			Gravimetric	%	U	0.2	NA
Acid Scrub			305.2	lb NaOH/lb	U	0.002	NA
Percent Halogens (as Cl^-)			9253	%	U	0.1	NA
Paint Filter Test			9095	NA[1]		NA	NA
Density			D653, E12, D4439	lb/ft^3		NA	NA
Solids, Total			SM209A	%	U	0.1	NA
Specific Gravity			D1298, D1429	NA[2]		NA	NA
Total Organic Carbon			9060 Modified	mg/Kg	U	1	NA
~~Viscosity~~			~~Brookfield~~	~~cps @ 25°C~~	~~U~~	~~10~~	~~NA~~

FAD 8/19/98.

[1] Results of Paint Filter Test are "Free Liquid (FL)" or "No Free Liquid (NFL)."

[2] Specific Gravity is expressed as a ratio relative to unity (density of water at 25°C).

S.U. = Standard Units. cps = centipoise

Percent ash and halogens analyses are performed on the residue from analysis by method 5050 and its aqueous solution.

Note:

Form 120WPN1G.GN6 Rev. 03/09/98

WASTE ANALYSIS DATA SUMMARY SHEET

Project Name: Ecology and Environment Inc. Project Number: 71060

Report Date: _____

Sample I.D.: DLC-8 U = Analyte not detected.

Sample Date: 08/12/98

Date Received: 08/13/98

ENCOTEC I.D.: 200091992

ANALYTE	QC SET ID	ANALYSIS DATE	METHOD	UNITS	RESULT	REPORT LIMIT	REGULATORY LIMIT
~~Flashpoint~~			~~1010~~	~~°F~~		~~73°F~~	~~140°F~~
~~Corrosivity (as pH)~~			~~9040/9041/9045~~	~~S.U.~~		~~NA~~	~~2 ≤ pH ≤ 12.5~~
~~Corrosivity~~			~~1110~~	~~mmpy~~	~~U~~	~~6.35~~	~~6.35~~
Percent Water, ~~Karl Fischer~~			~~ASTM D4377~~	~~% (wt)~~	~~U~~	~~0.03~~	~~NA~~
Reactive Cyanide	WCNH1804	08/18/98	7.3.3.2	mg/Kg	U	200	250
Reactive Sulfide	WRSH1804	08/18/98	7.3.4.2	mg/Kg	U	50	500
~~Heat Value~~			~~5050~~	~~BTU/lb~~	~~U~~	~~500~~	~~NA~~
Percent Ash			Gravimetric	%	U	0.2	NA
Acid Scrub			305.2	lb NaOH/lb	U	0.002	NA
Percent Halogens (as Cl^-)			9253	%	U	0.1	NA
Paint Filter Test			9095	NA[1]		NA	NA
Density			D653, ~~E12~~, D4439	lb/ft^3		NA	NA
Solids, Total			SM209A	%	U	0.1	NA
Specific Gravity			D1298, D1429	NA[2]		NA	NA
Total Organic Carbon			9060 Modified	mg/Kg	U	1	NA
~~Viscosity~~			~~Brookfield~~	~~cps @ 25°C~~	~~U~~	~~10~~	~~NA~~

FAD 8/19/98.

[1] Results of Paint Filter Test are "Free Liquid (FL)" or "No Free Liquid (NFL)."

[2] Specific Gravity is expressed as a ratio relative to unity (density of water at 25°C).

S.U. = Standard Units. cps = centipoise

Percent ash and halogens analyses are performed on the residue from analysis by method 5050 and its aqueous solution.

Note:

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WASTE ANALYSIS DATA SUMMARY SHEET

Project Name: ENCOTEC Project Number: 18000

Report Date: _____

Sample I.D.: Method Blank U = Analyte not detected.

Sample Date: N/A

Date Received: N/A

ENCOTEC I.D.: 200089680

ANALYTE	QC SET ID	ANALYSIS DATE	METHOD	UNITS	RESULT	REPORT LIMIT	REGULATORY LIMIT
~~Flashpoint~~			~~1010~~	~~°F~~		~~73°F~~	~~140°F~~
~~Corrosivity (as pH)~~			~~9040/9041/9045~~	~~S.U.~~		~~NA~~	~~2 ≤ pH ≤ 12.5~~
~~Corrosivity~~			~~1110~~	~~mmpy~~	~~U~~	~~6.35~~	~~6.35~~
Percent Water, ~~Karl Fischer~~			~~ASTM D4377~~	~~% (wt)~~	~~U~~	~~0.03~~	~~NA~~
Reactive Cyanide	WCNH1804	08/18/98	7.3.3.2	mg/Kg	U	200	250
Reactive Sulfide	WRSH1804	08/18/98	7.3.4.2	mg/Kg	U	50	500
~~Heat Value~~			~~5050~~	~~BTU/lb~~	~~U~~	~~500~~	~~NA~~
Percent Ash			Gravimetric	%	U	0.2	NA
Acid Scrub			305.2	lb NaOH/lb	U	0.002	NA
Percent Halogens (as Cl^-)			9253	%	U	0.1	NA
Paint Filter Test			9095	NA[1]		NA	NA
Density			D653, ~~E12~~, D4439	lb/ft^3		NA	NA
Solids, Total			SM209A	%	U	0.1	NA
Specific Gravity			D1298, D1429	NA[2]		NA	NA
Total Organic Carbon			9060 Modified	mg/Kg	U	1	NA
~~Viscosity~~			~~Brookfield~~	~~cps @ 25°C~~	~~U~~	~~10~~	~~NA~~

FAD 8/19/98.

[1] Results of Paint Filter Test are "Free Liquid (FL)" or "No Free Liquid (NFL)."

[2] Specific Gravity is expressed as a ratio relative to unity (density of water at 25°C).

S.U. = Standard Units. cps = centipoise

Percent ash and halogens analyses are performed on the residue from analysis by method 5050 and its aqueous solution.

Note:

Form 120WPNIC.GN6 Rev. 03/09/98

ENVIRONMENTAL CONTROL TECHNOLOGY CORPORATION
3985 Research Park Drive * Ann Arbor, MI 48108
313 / 761-1389

WASTE MATRIX CALIBRATION VERIFICATION

Project Name: ENCOTEC

Project Number: 10000

Report Date:

Analyte	ENCOTEC ID.	QC Set ID	Units	Theo. Value	Observed Value	% Rec	QUALITY CONTROL WINDOWS % Recovery
~~Flashpoint~~			~~°F~~	~~81~~		~~N/A~~	~~79 - 83 °F~~
~~Percent Water, Karl Fischer~~			~~% (wt)~~				~~80 - 120~~
Reactive Cyanide	200089975	WCNH1804	mg/Kg	975	236	24	D - 100
Reactive Sulfide	200089975	WRSH1804	mg/Kg	685	563	82	D - 100
~~Percent Halogens~~			~~mg/L~~	~~1000~~			~~70 - 130~~
~~Total Organic Carbon~~			~~mg/L~~	~~1000~~			~~90 - 110~~
~~Viscosity~~			~~cps~~				~~80 - 120~~

FAD 8/19/98.

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* Value is outside quality control windows.

Recovery: Ø out of 2 outside QC Windows.

Note:

WASTE MATRIX LABORATORY DUPLICATE (D) RECOVERY

Project Name: ENCOTEC Project Number 10000

Report Date:

Analyte	ENCOTEC Sample ID	QC Set ID	Units	Sample Result	Duplicate Result	RPD	QUALITY CONTROL WINDOW RPD[1]
~~Flashpoint~~			~~°F~~				~~30~~
~~Corrosivity, by pH~~			~~S.U.~~				~~30~~
~~Corrosivity~~			~~mmpy~~				~~30~~
Percent Water, ~~Karl Fischer~~			~~% (wt)~~				~~30~~
Reactive Cyanide	2000 91870	WCNH1804	mg/Kg	U	U	NC	30
Reactive Sulfide	2000 91870	WRSH1804	mg/Kg	U	U	NC.	30
~~Heat Value~~			~~BTU/lb~~				~~30~~
Percent Ash			%				30
Acid Scrub			lb NaOH/lb				30
Percent Halogens			%				30
Paint Filter Test			NA				
Density			lb/ft³				30
Solids, Total			%				30
Specific Gravity			NA				30
Total Organic Carbon			%				
~~Viscosity~~			~~cps @ 25°C~~				~~30~~

FAD 8/19/98.

[1] When one or both concentrations are less than 5X detection level (DL), the QC Window is redefined. In that circumstance, the absolute value for the range between the two concentrations must be ≤ report limit (RL) for the results to be considered to be in control.

NC = One or both values is < RL, making results not calculable. U = Analyte is undetected. * = Value is outside quality control windows.

RPD: Ø out of Ø outside QC Windows.

Note:

Form 120WPN7GGN6 Rev. 05/26/95

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WASTE PROFILE pH CALIBRATION LOG

PAGE W1

		CALIBRATION					CHECK STANDARD	
		pH 4		pH 7			pH 10	
DATE	Analyst	Lot #	Reading	Lot #	Reading	SLOPE	Lot #	Reading
7/22/98	MD	M062	4.00	M102	7.01	99.4	S061	10.02
7/23/98	MD	M062	4.01	M102	7.02	99.2	S061	10.03
7/24/98	MD	M062	4.00	M102	7.01	99.7	S061	10.01
7/25/98	EL	M062	4.01	M102	7.01	99.5	S061	10.01
7/27/98	MD	M062	4.02	M102	7.01	100.0	S061	10.00
7/29/98	MD	M062	4.01	M102	7.03	98.8	S061	10.03
7/30/98	MD	M062	4.01	M102	7.03	99.0	S061	10.04
7/31/98	MD	M062	4.01	M102	7.02	99.4	S061	10.03
8/3/98	MD	M062	4.01	M102	7.02	99.3	S061	10.02
8/4/98	MD	M062	4.01	M102	7.01	99.4	F113	10.03
8/7/98	MD	M062	4.00	M102	6.99	99.8	F113	9.99
8/9/98	MD	M062	4.00	M102	6.99	100.2	F113	9.95
8/10/98	MD	M062	3.99	M102	6.98	99.9	F113	9.98
8/11/98	MD	M062	4.01	M102	7.01	99.5	F113	10.02
8/12/98	MD	M062	4.01	M102	7.00	99.4	F113	10.05
8/13/98	MD	M062	4.01	M102	7.02	99.5	F113	10.04
8/16/98	MD	M062	4.01	M102	7.01	99.2	F113	10.02
8/17/98	MD	M062	4.03	M102	7.04	98.3	F113	10.05
8/18/98	MD	M062	4.01	M102	7.02	99.2	F113	10.02
8/19/98	MD	M062	4.01	M102	7.03	99.7	F113	10.04
8/20/98	MD	M062	4.02	M102	7.03	99.9	F113	10.04
8/21/98	RAR	M062	4.00	M102	7.00	99.1	F113	10.04
8/24/98	RAR	M062	4.00	M102	7.02	99.0	F113	10.04
8/25/98	SH	M052	4.06	M102	7.06	99.1	F113	10.05

C

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Standards Raw Data in Chronological Order for A or quantitation channel
Initial Method Calibration(s) for B or confirmation channel
Retention Window Sheet for B or confirmation channel
Continuing Calibration Forms
Standards Raw Data in Chronological Order for B or confirmation channel
Raw Sample in order by date and time analyzed
Method Blank
LCS
MS/MSD

DATA PACKET
PCBs

ANALYTICAL REPORT

CLIENT: ECOLOGY & ENVIRONMENT, INC.
Project/Site: KJ5103
Sample ID: DLT-1

Date Sampled:	08/12/98	**ENCOTEC Project ID:**	71060
Date Received:	08/13/98	**ENCOTEC SDG ID:**	EE-WC-98H2
Date Extracted:	08/18/98	**ENCOTEC QC Set ID:**	PCBH1801O
Analysis Date:	08/18/98	**ENCOTEC Submission ID:**	100013219
Second Analysis Date:	N/A	**ENCOTEC Sample ID:**	200091983
Method Reference:	8082	**Percent Total Solids:**	N/A
Matrix:	LIQUID, NON-AQUEOUS	**Calculation Basis:**	Wet Weight

	PCB MDEQ Part 201 List	CAS #	Quant Limit (ug/Kg)	Dil	Conc (ug/Kg)	Flag
1	PCB-1016	12674-11-2	500	1	U	
2	PCB-1221	11104-28-2	500	1	U	
3	PCB-1232	11141-16-5	500	1	U	
4	PCB-1242	53469-21-9	500	1	U	
5	PCB-1248	12672-29-6	500	1	U	
6	PCB-1254	11097-69-1	500	1	U	
7	PCB-1260	11096-82-5	500	1	U	

Safety-Kleen (ENCOTEC), Inc.
3985 Research Park Drive ■ Ann Arbor, MI 48108
Telephone: (734) 761-1389 - Telefax: (734) 761-1034

Report Date: 08/21/98

ANALYTICAL REPORT

CLIENT: ECOLOGY & ENVIRONMENT, INC.
Project/Site: KJ5103
Sample ID: DLT-2

Date Sampled:	08/12/98	**ENCOTEC Project ID:**	71060
Date Received:	08/13/98	**ENCOTEC SDG ID:**	EE-WC-98H2
Date Extracted:	08/21/98	**ENCOTEC QC Set ID:**	PCBH2105W
Analysis Date:	08/23/98	**ENCOTEC Submission ID:**	100013219
Second Analysis Date:	N/A	**ENCOTEC Sample ID:**	200091984
Method Reference:	8082	**Percent Total Solids:**	N/A
Matrix:	LIQUID, AQUEOUS	**Calculation Basis:**	N/A

	PCB MDEQ Part 201 List	CAS #	Quant Limit (ug/L)	Dil	Conc (ug/L)	Flag
1	PCB-1016	12674-11-2	1.0	1	U	
2	PCB-1221	11104-28-2	1.0	1	U	
3	PCB-1232	11141-16-5	1.0	1	U	
4	PCB-1242	53469-21-9	1.0	1	U	
5	PCB-1248	12672-29-6	1.0	1	U	
6	PCB-1254	11097-69-1	1.0	1	U	
7	PCB-1260	11096-82-5	1.0	1	U	

Safety-Kleen (ENCOTEC), Inc.
3985 Research Park Drive ■ Ann Arbor, MI 48108
Telephone: (734) 761-1389 - Telefax: (734) 761-1034

Report Date: 08/24/98

QUALITY ASSESSMENT REPORT - METHOD BLANK Analysis

Extraction Date:	08/18/98	**ENCOTEC Project ID:**	71060
Analysis Date:	08/18/98	**ENCOTEC SDG ID:**	EE-WC-98H2
Second Analysis Date:	N/A	**ENCOTEC QC Set ID:**	PCBH1801O
Method Reference:	8082	**ENCOTEC Submission ID:**	100013219
Matrix:	LIQUID, NON-AQUEOUS	**ENCOTEC Method Blank ID:**	200089720

	PCB MDEQ Part 201 List	CAS #	Quant Limit (ug/Kg)	Dil	Conc (ug/Kg)	Flag
1	PCB-1016	12674-11-2	330	1	U	
2	PCB-1221	11104-28-2	330	1	U	
3	PCB-1232	11141-16-5	330	1	U	
4	PCB-1242	53469-21-9	330	1	U	
5	PCB-1248	12672-29-6	330	1	U	
6	PCB-1254	11097-69-1	330	1	U	
7	PCB-1260	11096-82-5	330	1	U	

Safety-Kleen (ENCOTEC), Inc.
3985 Research Park Drive ■ Ann Arbor, MI 48108
Telephone: (734) 761-1389 - Telefax: (734) 761-1034

QUALITY ASSESSMENT REPORT - METHOD BLANK Analysis

Extraction Date:	08/21/98	**ENCOTEC Project ID:**	71060
Analysis Date:	08/23/98	**ENCOTEC SDG ID:**	EE-WC-98H2
Second Analysis Date:	N/A	**ENCOTEC QC Set ID:**	PCBH2105W
Method Reference:	8082	**ENCOTEC Submission ID:**	100013219
Matrix:	LIQUID, AQUEOUS	**ENCOTEC Method Blank ID:**	200089729

	PCB MDEQ Part 201 List	CAS #	Quant Limit (ug/L)	Dil	Conc (ug/L)	Flag
1	PCB-1016	12674-11-2	0.20	1	U	
2	PCB-1221	11104-28-2	0.20	1	U	
3	PCB-1232	11141-16-5	0.40	1	U	
4	PCB-1242	53469-21-9	0.20	1	U	
5	PCB-1248	12672-29-6	0.20	1	U	
6	PCB-1254	11097-69-1	0.20	1	U	
7	PCB-1260	11096-82-5	0.20	1	U	

Laidlaw Environmental, Inc. / ENCOTEC
3985 Research Park Drive * Ann Arbor, MI 48108
734 / 761-1389

OIL MATRIX SURROGATE RECOVERY
POLYCHLORINATED BIPHENYLS

Project Name: ECOLOGY AND ENVIRONMENT, INC.
Project Number: 71060
Method: 8082
QC Set I.D.: PCBH18010

ENCOTEC Sample Number	Percent Recovery 2,4,5,6-TCMX (50-150)	Percent Recovery Decachlorobiphenyl (31-154)
200091983	64	90
200089720 MB	89	94
200089890 LCS	77	78
200091983 MS	71	91
200091983 MSD	87	94

* Value outside of established quality control windows.
DL = Sample matrix diluted, therefore surrogate recoveries are not applicable.
M = Matrix interferences caused distortion to recovery value.

RECOVERY: 0 out of 10 outside QC Windows.

Form 057CON2G.GN1 Rev. 12/05/97

Safety-Kleen (ENCOTEC), Inc.
3985 Research Park Drive * Ann Arbor, MI 48108
734 / 761-1389

WATER MATRIX SURROGATE RECOVERY
POLYCHLORINATED BIPHENYLS

Project Name: ECOLOGY & ENVIRONMENT, INC.
Project Number: 71060
Method: 608___ 8082_X_
Report Date: August 26, 1998
QC Set I.D.: PCBH2105W

ENCOTEC Sample Number	Percent Recovery 2,4,5,6-TCMX (36 - 125)**	Percent Recovery Decachlorobiphenyl (32 - 138)**
200091984	69	49
200089729 MB	85	77
200089893 LCS	47	60
200092473 MS	36	74
200092473 MSD	38	75

* Value outside of established quality control windows.
** Percent recovery quality control limit windows.
DL = Sample matrix diluted, therefore surrogate recoveries are not applicable.
M = Matrix interferences caused distortion to recovery value.

RECOVERY: __0__ out of __10__ outside QC Windows.

Note:

Form 057CWN2G.GN2 Rev. 08/10/98

Safety-Kleen (ENCOTEC), Inc.
3985 Research Park Drive * Ann Arbor, MI 48108
(734) 761-1389

LABORATORY CONTROL SAMPLE (LCS)
POLYCHLORINATED BIPHENYLS - OIL MATRIX

Project Name: ENCOTEC
Project Number: 10000
QC Set I.D.: PCBH1801O

ENCOTEC ID: 200089890

AROCLOR	AMOUNT SPIKED (mg/Kg)	AMOUNT RECOVERED (mg/Kg)	PERCENT RECOVERED (percent)	QC LIMITS RANGE (percent)
PCB 1016	5.0	4.4	88	50 - 150
PCB 1260	5.0	4.2	84	43 - 165

RECOVERY: 0 out of 2 outside QC Windows

Form 057CON4G.GN3 Rev. 08/10/98

Safety-Kleen (ENCOTEC), Inc.
3985 Research Park Drive * Ann Arbor, MI 48108
734 / 761-1389

LABORATORY CONTROL SAMPLE (LCS)
POLYCHLORINATED BIPHENYLS - WATER MATRIX

Project Name: ENCOTEC
Project Number: 10000
QC Set I.D.: PCBH2105W

ENCOTEC ID: 200089893

AROCLOR	AMOUNT SPIKED (ug/L)	AMOUNT RECOVERED (ug/L)	PERCENT RECOVERED (percent)	QC LIMITS RANGE (percent)
PCB 1016	1.0	0.73	73	50 - 150
PCB 1260	1.0	0.75	75	41 - 123

RECOVERY: __0__ out of __2__ outside QC Windows

Form 057CWN4G.GN1 Rev. 08/10/98

Safety-Kleen (ENCOTEC), Inc.
3985 Research Park Drive * Ann Arbor, MI 48108
734 / 761-1389

MATRIX SPIKE (MS) AND MATRIX SPIKE DUPLICATE (MSD)
POLYCHLORINATED BIPHENYLS - OIL MATRIX

Project Name: ENCOTEC
Project Number: 10000
QC Set I.D.: PCBH1801O

SAMPLE SPIKED - ENCOTEC ID: 200091983

Aroclor	Concentration Spiked (mg/Kg)	Sample Result (mg/Kg)	MS Conc (mg/Kg)	% Rec	MSD Conc (mg/Kg)	% Rec	RPD	QUALITY CONTROL WINDOWS RPD	QUALITY CONTROL WINDOWS %Recovery
PCB 1016	5.0	U	4.4	88	4.5	90	2.2	40	50 - 150
PCB 1260	5.0	U	4.0	80	4.3	86	7.2	29	43 - 165

RPD: 0 out of 2 outside QC Windows.
RECOVERY: 0 out of 4 outside QC Windows.

Note:

Form 057CON3G.GN4 Rev. 08/10/98

Safety-Kleen (ENCOTEC), Inc.
3985 Research Park Drive * Ann Arbor, MI 48108
734 / 761-1389

MATRIX SPIKE (MS) AND MATRIX SPIKE DUPLICATE (MSD)
POLYCHLORINATED BIPHENYLS - WATER MATRIX

Project Name: ENCOTEC
Project Number: 10000
QC Set I.D.: PCBH2105W

SAMPLE SPIKED - ENCOTEC ID: 200092473

Aroclor	Concentration Spiked (ug/L)	Sample Result (ug/L)	MS Conc (ug/L)	% Rec	MSD Conc (ug/L)	% Rec	RPD	QUALITY CONTROL WINDOWS RPD	QUALITY CONTROL WINDOWS %Recovery
PCB 1016	2.0	U	1.35	68	1.30	65	45	40	50-150
PCB 1260	2.0	U	1.58	79	1.68	84	61	23	41-123

RPD: 0 out of 2 outside QC Windows.
RECOVERY: 0 out of 4 outside QC Windows.

Note:

Form 057CWN3G.GN2 Rev. 08/10/98

PCB MEDIUM LEVEL EXTRACTION

DATE 8 / 18 / 98

Matrix: Oil ✓ / Soil ___ / Water ___

PCB SURROGATE: SPCB/Med JC
CONC 0.8/0.2 ppm DCB/TCMX in hexane; AMT: .5 mL
ID: PC065D

PCB SPIKE: MSPCB
CONC: 10 ppm 1016/1260 in hexane; AMT: .5 mL
ID: PC057D

CLIENT	BATCH #
EEI	13219
GM	13199

SJRR/SPK
CHECKED BY ___

Hexane Lot #: BS147

QC SET ID: PCBH18010

CLIENT	CLIENT I.D.	ENCOTEC NUMBER	AMOUNT (L or g)	Final Vol	Split Ratio	REMARKS
EEI	DLT-1	91983	1.0	2.0	2/10	
	MS	91983	1.0	2.0	2/10	
	MSD	91983	1.0	2.0	2/10	
	LCS	89890	—	2.0	2/10	
	MB0818981A	89720	-	2.0	2/10	
GM	Sub-Basement oil	91870 JC	1.0	2.0	2/10	

CALIBRATION WEIGHT SET S002
BALANCE ID 10303953 / 50104649

	LOCATION	DATE/TIME	ANALYST
SAMPLE TAKEN FROM	Login	8/18/98 2:00	JC
SAMPLES RETURNED TO	org ext	8/18/98 3:30	JC
EXTRACTS STORED IN	~~Login lost~~ 18A	8/18/98 3:30	JC
EXTRACTS TAKEN TO	GCHPlc	8/18/98 3:30	JC

	ANALYST	DATE/TIME
EXT.	JC	8/18/98
CONC.	JC	8/18/98
C/U	JC	8/18/98 3pm

WT. USED (g)	1	2.00 JC
BAL. RD. (g)	1.00 JC	2.00
CAL. REQ. (+/- 0.05g)	Y	N

COL. PACK: FLORISIL AMT: 1.0 GM
LOT # 957060
ELUENT: HEXANE, 0-10 ML FRACTION SAVED

COL PACK: SILICA GEL AMT: 1 ML
LOT # ___
ELUENT: HEXANE, 0-10 ML FRACTION SAVED

CHECKED BY JClark DATE 8/18/98

PROCEDURE SUMMARY

WATERS: 4 mL sample extracted w/5 mL hexane, shake for 2 minutes, transfer hexane layer to 20mL vial, repeated 2x, 1 mL of 15 mL split taken, c/u on florisil.
FINAL VOLUME = 10.0 mL (1.0 mL 6ppm DCB/1.5 ppm TCMX surrogate, 1.0 mL 10ppm PCB mix matrix spike)

SOIL: 4.0 g sample extracted with 20 mL hexane, water sonicated for 15 minutes, 2 mL of 20 mL split taken, blown down to 1.0 mL on N-Evap, c/u on florisil.
FINAL VOLUME = 2.0 mL (1.0 mL 0.8 ppm DCB/0.2 ppm TCMX surrogate, 1.0 mL 10ppm PCB mix matrix spike)

OIL: 1.0 g sample extracted w/10 mL hexane, add 1-2 mL H_2SO_4, shake for 2 minutes, take 2 mL of 10 mL split, blow down to 1.0 mL on N-Evap, c/u on florisil.
FINAL VOLUME = 2.0 mL (0.5 mL 0.8ppm DCB 0.2ppm TCMX surrogate, 0.5 mL 10 ppm PCB mix matrix spike)

Page ___ of ___

PCB WATER EXTRACTION

Method: 3510B _____ Level: Reg. ___

3520 _____ Low ___

PCB SURROGATE: SPCB

CONC 0.8/0.2 ppm DCB/TCMX; AMT. 100 uL

ID: PCB[illegible]

DATE 08 / 19 / 98

PCB SPIKE: _____ TE 8-19-98

CONC: 10 ppm 1221/1248/1260; AMT: 100 uL

ID: _____

CLIENT	BATCH #
EEI	13219
GMI	13283 13278

SURR/SPK

CHECKED BY _____

QC SET ID PCBH190410

LCS ID LPCBH190410

CLIENT	CLIENT I.D.	ENCOTEC NUMBER	AMT (L)	PCB Final Vol	PCB Split Ratio	MeCl2 lot # 85124 REMARKS
EEI, GMI	MB081998-1A	89723	1.0	2.0	1	
EEI	DLI-2	91984	0.1	2.0	1	diluted to 1L
GMI	outfall 02 composite	92347	1.0	2.0	1	
	outfall 02 composite	92312	1.0	2.0	1	
	outfall 02 composite	92347 dup	1.0	2.0	1	
	outfall 02 composite	92312 dup	1.0	2.0		
		92016	1.0	2.0	1	re-extracts from 8-17-98
		92017	1.0	2.0	1	
		92190	1.0	2.0	1	
—		92191	1.0	2.0	1	—
						TE 8-19-98

	LOCATION	DATE/TIME	ANALYST
SAMPLES TAKEN FROM	LI	8-19-98 / 9am	TE
RETURNED TO	LI	/ 4:30pm	
EXTRACTS STORED IN	~~#18~~	/	
EXTRACTS TAKEN TO	GC/HPLC	/ 4:15pm	

	ANALYST	DATE/TIME
EXT.	TE	8-18-98 / 9am
CONC.		/ 12pm
C/U		/ 2pm

COL. PACK: FLORISIL AMT: 1.0 g

LOT # 957060

ELUENT: HEXANE

0-10 mL FRACTION SAVED

TE

COL PACK: SILICA GEL AMT: 1.0 g

LOT # _____

ELUENT: HEXANE

0-10 mL FRACTION SAVED

C

CHECKED BY: Tracy Eckel DATE 8/19/98

870

PROCEDURE SUMMARY:

1 L sample extracted 3x w/60 mL $MeCl_2$ at neutral pH, concentrated, split _____ mL of _____ mL,

then hex-exchanged on N-Evap to 1.0 mL; c/u on florisil and (if needed) silica gel; conc. to FINAL VOLUME = _____ mL

Page ___ of ___

PCB WATER EXTRACTION

Method: 3510B ✓ Level: Reg. ___

3520 ___ Low ___

PCB SURROGATE: SPCB
CONC: 0.8/0.2 ppm DCB/TCMX: AMT: 100 uL
ID: PC066D

DATE 8/21/98

PCB SPIKE: MS PCB
CONC: 10 ppm 1221/1248/1260: AMT: 100 uL
ID: PC057D

CLIENT	BATCH #
EQC	13317, 13345
GMI	13323
DED	13321

EEI/13219

QC SET ID PCBH2105W

SURR/SPK

CHECKED BY [illegible]

LCS ID LPCBH2105W

CLIENT	CLIENT I.D.	ENCOTEC NUMBER	AMT (L)	PCB Final Vol	PCB Split Ratio	REMARKS
EQC	WELL #29	92471	1.0	2.0	1	
	WELL #26A	92472	1.0	2.0	1	
	WELL #27A	92473	1.0	2.0	1	
—	WELL #28	92653	1.0	2.0	1	~~Severe emulsion~~ vls
GMI	OUTFALL 02-COMPOSITE	92505	1.0	2.0	1	slight emulsion
	dup OUTFALL 02 COMPOSITE	92505 dup	1.0	2.0	1	
DED	IMPOUNDMENT	92500	1.0	2.0	1	severe emulsion +50mls
EQC/GMI/DED/MS		92473	~~1.0~~ .5	2.0	1	#
	MSD	92473	~~1.0~~ .5	2.0	1	#
	LCS	89803	1.0	2.0	1	
—	MB 082198-1A	89729	1.0	2.0	1	
EEI	DLT-2	91984	0.1	2.0	1	reextract from 081998

	LOCATION	DATE/TIME	ANALYST
SAMPLES TAKEN FROM	L1	082198/9:00	vls
RETURNED TO	L1	082198/2:00pm	vls
EXTRACTS STORED IN	12	082198/1:30pm	vls
EXTRACTS TAKEN TO	GCMAC	8-23-98/3:30	TE

	ANALYST	DATE/TIME
EXT.	vls	082198/9:45
CONC.	TE	8-23-98/10am
C/U	[illegible]	[illegible]/10pm

COL. PACK: FLORISIL AMT: 1.0 g
LOT # 957060
ELUENT: HEXANE
0-10 mL FRACTION SAVED

TE

COL PACK: SILICA GEL AMT: 1.0 g
LOT # ___
ELUENT: HEXANE
0-10 mL FRACTION SAVED

C

CHECKED BY: [illegible] DATE 8-23-98

871

PROCEDURE SUMMARY:

1 L sample extracted 3x w/60 mL $MeCl_2$ at neutral pH, concentrated, split _____ mL of _____ mL,

then hex-exchanged on N-Evap to 1.0 mL; c/u on florisil and (if needed) silica gel; conc. to FINAL VOLUME = _____ mL

ORGANIC ANALYSIS RE-EXTRACTION REQUEST FORM

Parameter: PCB

Client Code	Submission Number	ENCOTEC Numbers	Matrix	Orig. Smpl Vol/Wt	Original Ext. Date
EEI	13219	91984	Water	08/19/98	1.0L Water 100mL 08/21/98

REASONS FOR RE-EXTRACTION (Check all that apply)

1. Noncompliant QC: PCB
   - Surrogate Recoveries Low ☑ High ☐
   - LCS/LCD Recoveries Low ☐ High ☐
   - RPDs LCS/LCDs ☐ MS/MSDs ☐
2. Matrix Interference ☐
3. Contamination of Method Blank ☐ QC ☐ Samples ☐
4. Incorrect Surrogate/Spike Amount ☐
5. Samples require client-specified QC ☐
6. Other (explain): _____

Has the original data been sent on to Data Systems (DS)? ☐ Yes ☐ No ☑ Data is being submitted as *PRELIMINARY*

If "YES" is checked, inform DS IMMEDIATELY to place a hold on those results! _____ date DS is informed

Will project due date be exceeded by reanalysis? ☐ Yes ☐ No

Requested by 2. Coffman ☑ GC ☐ GC/MS Date 08/20/98

Approved by (N) Requesting Lab Group Leader/Designate Date 08/21/98

Approved by [signature] Extractions Group Leader/Designate Date 08/21/98

Date: 8/21/98

CORRECTIVE ACTION BY ORGANIC EXTRACTIONS

Holding Time: 1. Re-extract Sample — w/in ☐ outside[1] ☒ 2. Reprocess new split of sample ☐ 3. Insufficient amount of sample[1] ☐

[1] If reextraction will take place outside holding time or if there is insufficient sample for reextraction, complete an ACA.

4. Additional Processing of Sample: _____

REANALYSIS RESULTS

Reanalysis completed on 08/23/98

in QC Set PCBH2105W by Tammy M. Coffman TMC (print analyst's name) analyst's initials

1. Contamination Eliminated (i.e., Extraction Technique): ☐
2. QC Results (Surrogate / LCS/LCD / MS/MSD) within windows (i.e., Extraction Technique): ☐ (circle those that apply)
3. Reanalysis confirms original results (i.e., Matrix Interference): ☐
4. Reanalysis does not confirm original results: ☑

The PM and DS receive copies of this form on the day it is approved by the requesting group's Group Leader/Designate.

Print: 12. Can (print PM name) [initials] PM initials[2] cc'd on Date: 08/21/98

[2] The PM initials the form if he/she is available when the form is presented. Data Systems cc'd on Date: 8/22

ODREEXT.xls Rev 4/29/98

ANALYSIS CORRECTIVE ACTION FORM

This form is to document variances to analytical protocols which have originated in the laboratory; check or complete statements as applicable.

Lab: Org. Ext. Parameter: PCB Submission ID(s) affected: 13219

Sample ID(s) affected: 91984

Primary analyst: Frank Kodrack (print) Date: 8 21 98

PROBLEM(S) ENCOUNTERED and CORRECTIVE ACTION(S) TAKEN

1. ☐ Unable to recover from **unacceptable continuing calibration criteria** for detected target analyte(s). Affected samples are not being analyzed under a new Initial Calibration because _____

2. ☐ **Method blank contamination** for target analyte(s) exceeding that permitted by the CORQC SOP exists; one or more associated samples are affected and are being reextracted and/or reprocessed.

   ☐ Data with **QC outliers** for **LCS / LCD / MS / MSD / MD / Surrogate.**
   (circle affected QC sample(s))

   The situation requires reanalysis / reprocessing / reextraction / post-digestion spike
   (circle corrective action taken) **per the CORQC SOP**

   Where applicable, a redigestion or reextraction request form is being initiated; a copy of the approved form will be provided to the Project Manager within one business day of issue.

3. ☑ **Holding time missed / preservation improper** due to:
   (circle one)

   ENCOTEC error / client error / reextraction / reanalysis / project amendment.
   (circle one)

4. ☐ other (See reverse)

C

APPROVAL TO PROCEED

☑ Approved ☐ Rejected reason: Holding time expired prior to Request for Re-extraction

Group Leader: [signature] Date: 8 / 21 / 98

If item 4.I. (side two) is completed, a copy of this form MUST also be provided to the QCO or Technical Director(TD) for co-approval before proceeding.

☐ Approved ☐ Rejected reason: _____

QCO/TD (circle): _____ Date: ____ / ____ / ____

DISTRIBUTION (WITHIN ONE BUSINESS DAY)

If item 3 or 4 is checked, the Group Leader (or designate) is to identifiy the Project Manager and date of distribution. The Project Manager, if available, is to acknowledge receipt by initialing a copy of this approved form. Original to be filed with raw data.

cc to Project Manager (PM): Walt Putnam (print) (PM's initials) Date: ____ / ____ / ____

4. In the event that items 1,2, or 3 on side one of this form do not apply, please check the following as applicable. If the situation is not covered by these choices or if further information is required, describe the situation in the space provided. This information will be of interest to the project manager and may also be discussed in the laboratory narrative.

A. ☐ Sample ☐ QC Sample was ☐ contaminated ☐ incorrectly fortified ☐ destroyed in preparation/analysis.

B. ☐ Redigestion ☐ re-extraction ☐ reanalysis has been scheduled.

C. No / insufficient additional ☐ sample ☐ QC sample is available for ☐ processing ☐ prep/extraction
(circle one)

D. ☐ Failure to TSC initial sample weight before processing or ☐ sample too wet to fully TSC initial sample weight; reporting limits may be affected.

E. ☐ QC set maximum mistakenly exceeded. ☐ QC set designation changed from _____

to _____

F. ☐ EICP outliers (GC/MS only) repeated during reanalysis; sample matrix interference confirmed.

G. Error in downloaded LIMS ☐ Prep ☐ Analytical information discovered and ☐ corrected ☐ requires immediate attention.

H. Requested reporting limit has been exceeded as a result of dilutions necessary to reduce ☐ native color or turbidity or ☐ other matrix effects.

C

I. Describe: _____

Distribution: See side one.

ANALYSIS CORRECTIVE ACTION FORM

This form is to document variances to analytical protocols which have originated in the laboratory; check or complete statements as applicable

Lab: GC/HPLC Parameter: PCB Submission ID(s) affected: 13347 / 13219

Sample ID(s) affected: #92058 and #91954

Primary analyst: TAMMY M. COFFMAN (print) Date: 08 25 95

PROBLEM(S) ENCOUNTERED and CORRECTIVE ACTION(S) TAKEN

1. ☐ Unable to recover from unacceptable continuing calibration criteria for detected target analyte(s). Affected samples are not being analyzed under a new Initial Calibration because _____

2. ☐ Method blank contamination for target analyte(s) exceeding that permitted by the CORQC SOP exists; one or more associated samples are affected and are being reextracted and/or reprocessed.

   ☐ Data with QC outliers for LCS / LCD / MS / MSD / MD / Surrogate.
   (circle affected QC sample(s))

   The situation requires reanalysis / reprocessing / reextraction / post-digestion spike per the CORQC SOP
   (circle corrective action taken)

   Where applicable, a redigestion or reextraction request form is being initiated; a copy of the approved form will be provided to the Project Manager within one business day of issue.

3. ☐ Holding time missed / preservation improper due to:
   (circle one)

   ENCOTEC error / client error / reextraction / reanalysis / project amendment.
   (circle one)

4. ☑ other (See reverse)

C

APPROVAL TO PROCEED

☐ Approved ☐ Rejected reason: _____

Group Leader: _____ Date: ____ / ____ / ____

If item 4.1. (side two) is completed, a copy of this form MUST also be provided to the QCO or Technical Director(TD) for co-approval before proceeding

☐ Approved ☐ Rejected reason: _____

QCO TD (circle): _____ Date: ____ / ____ / ____

DISTRIBUTION (WITHIN ONE BUSINESS DAY)

If item 3 or 4 is checked, the Group Leader (or designate) is to identifiy the Project Manager and date of distribution. The Project Manager, if available, is to acknowledge receipt by initialing a copy of this approved form. Original to be filed with raw data.

cc to Project Manager (PM): _____ (print) _____ (PM's initials) Date: ____ / ____ / ____

Side 1

4. In the event that items 1,2, or 3 on side one of this form do not apply, please check the following as applicable. If the situation is not covered by these choices or if further information is required, describe the situation in the space provided. This information will be of interest to the project manager and may also be discussed in the laboratory narrative.

A. ☐ Sample ☐ QC Sample was ☐ contaminated ☐ incorrectly fortified ☐ destroyed in preparation/analysis.

B. ☐ Redigestion ☐ re-extraction ☐ reanalysis has been scheduled.

C. No / insufficient additional ☐ sample ☐ QC sample is available for ☐ processing ☐ prep/extraction
(circle one)

D. ☐ Failure to TSC initial sample weight before processing or ☐ sample too wet to fully TSC initial sample weight; reporting limits may be affected.

E. ☐ QC set maximum mistakenly exceeded. ☐ QC set designation changed from _____

to _____.

F. ☐ EICP outliers (GC/MS only) repeated during reanalysis; sample matrix interference confirmed.

G. Error in downloaded LIMS ☐ Prep ☐ Analytical information discovered and ☐ corrected ☐ requires immediate attention.

H. Requested reporting limit has been exceeded as a result of dilutions necessary to reduce ☐ native color or turbidity or ☐ other matrix effects.

C

I. Describe: closing continuing calibrations at cycle #98 through cycle #105 encountered "RUN STOP ERROR" due to electrical power surges that had occured continuously throughout the evening and day. Therefore closing cont. calibrations at the end of the run exceeded 12 hours from the time samples were analyzed. Note: no ⊕'s found in any of the samples.

Distribution: See side one.

ANCORAC [illegible]

RAW DATA

PCB's

O:55PCDEXT.PRN

CYCLE	SAMPLE NAME	METHOD	DATA FILE	DILUTION FACTOR
1	PRIMER	Z8080ARD	55PCD	1
2	BLANK HEXANE 08/14/98	Z8080ARD	55PCD	1
3	AR2148 .05 PC045D	Z8080ARD	55PCD	1
4	AR1660 .05 PC038D	Z8080ARD	55PCD	1
5	AR1254 .05 PC049D	Z8080ARD	55PCD	1
6	AR1242 .05 PC053D	Z8080ARD	55PCD	1
7	AR2148 0.1 PC046D	Z8080ARD	55PCD	1
8	AR1660 0.1 PC039D	Z8080ARD	55PCD	1
9	AR1254 0.1 PC050D	Z8080ARD	55PCD	1
10	AR1242 0.1 PC054D	Z8080ARD	55PCD	1
11	AR2148 0.5 PC047D	Z8080ARD	55PCD	1
12	AR1660 0.5 PC040D	Z8080ARD	55PCD	1
13	AR1254 0.5 PC051D	Z8080ARD	55PCD	1
14	AR1242 0.5 PC055D	Z8080ARD	55PCD	1
15	AR2148 1.0 PC048D	Z8080ARD	55PCD	1
16	AR1660 1.0 PC041D	Z8080ARD	55PCD	1
17	AR1254 1.0 PC052D	Z8080ARD	55PCD	1
18	AR1242 1.0 PC056D	Z8080ARD	55PCD	1
19	AR2148 1.2 PC042D	Z8080ARD	55PCD	1
20	AR1660 1.2 PC037D	Z8080ARD	55PCD	1
21	AR1254 1.2 PC043D	Z8080ARD	55PCD	1 TMC
22	AR1242 1.2 PC044D	Z8080ARD	55PCD	1
23	BLANK HEXANE	Z8080ARD	55PCD	1 08/20/99
24	ICV	Z8080ARD	55PCD	1
25	AR3268 .05 PC061D	Z8080ARD	55PCD	1
26	AR3268 0.5 PC060D	Z8080ARD	55PCD	1
27	AR3268 1.0 PC059D	Z8080ARD	55PCD	1
28	AR1262 .05 PC064D	Z8080ARD	55PCD	1
29	AR1262 1.0 PC063D	Z8080ARD	55PCD	1
30	AR1262 1.0 PC062D	Z8080ARD	55PCD	1
31	GNC/MB081598-1A 89715 HG/ACID	Z8080ARD	55PCD	1
32	GNC/????? TANK/PERMEATE HG/ACID	Z8080ARD	55PCD	1
33	GNC/????? TANK/PERMEATE HG/ACID 1:10	Z8080ARD	55PCD	1
34	GNC/????? TANK/PERMEATE HG/ACID 1:100	Z8080ARD	55PCD	1
35	GNC/????? TANK/PERMEATE HG/ACID 1:200	Z8080ARD	55PCD	1
36	GNM/MB081598-1D 89717 HG/ACID	Z8080ARD	55PCD	1
37	GGA/MB081498-1G 89713 HG/ACID	Z8080ARD	55PCD	1
38	GGA/12987 90613 HG/ACID RE-EXTRACT	Z8080ARD	55PCD	1
39	GGA/12987 90609 HG/ACID RE-EXTRACT	Z8080ARD	55PCD	1
40	GGA/12987 90610 HG/ACID RE-EXTRACT	Z8080ARD	55PCD	1
41	GGA/12987 90611 HG/ACID RE-EXTRACT	Z8080ARD	55PCD	1
42	GGA/12987 90612 HG/ACID RE-EXTRACT	Z8080ARD	55PCD	1
43	GNM/13081 91050 HG/ACID	Z8080ARD	55PCD	1
44	GNM/MB081298-2C 89705 HG/ACID	Z8080ARD	55PCD	1
45	GNM/13058 90969 HG/ACID	Z8080ARD	55PCD	1
46	GNM/13058 90970 HG/ACID	Z8080ARD	55PCD	1
47	BLA/CON/GMI/MB081498-2A 89714 HG/ACID	Z8080ARD	55PCD	1
48	CON/13201 91888 HG/ACID	Z8080ARD	55PCD	1
49	CON/13201 91889 HG/ACID	Z8080ARD	55PCD	1
50	CON/13201 91890 HG/ACID	Z8080ARD	55PCD	1
51	AR2148 0.5, PC047D	Z8080ARD	55PCD	1
52	AR1660 0.5, PC040D	Z8080ARD	55PCD	1
53	AR1254 0.5, PC051D	Z8080ARD	55PCD	1
54	AR1242 0.5, PC055D	Z8080ARD	55PCD	1
55	AR2148 0.5, PC047D	Z8080ARD	55PCD	1
56	AR1660 0.5, PC040D	Z8080ARD	55PCD	1

57	AR1254 0.5, PC051D	Z8080ARD	55PCD	1
58	AR1242 0.5, PC055D	Z8080ARD	55PCD	1
59	AR3268 0.5 PC060D	Z8080ARD	55PCD	1
60	AR1262 0.5 PC063D	Z8080ARD	55PCD	1
61	AR3268 0.5 PC060D	Z8080ARD	55PCD	1
62	AR1262 0.5 PC063D	Z8080ARD	55PCD	1
63	CON/13201 91891 HG/ACID	Z8080ARD	55PCD	1
64	CON/13201 91892 HG/ACID	Z8080ARD	55PCD	1
65	GNC/????? TANK/PERMEATE RR LEFT OVER SPL	Z8080ARD	55PCD	1
66	CON/13201 91893 HG/ACID	Z8080ARD	55PCD	1
67	GMI/13154 91511 HG/ACID	Z8080ARD	55PCD	1
68	BLA/13138 91441 HG/ACID	Z8080ARD	55PCD	1
69	BLA/13138 91442 HG/ACID	Z8080ARD	55PCD	1
70	BLA/13138 91443 HG/ACID	Z8080ARD	55PCD	1
71	BLA/13138 91443MS HG/ACID	Z8080ARD	55PCD	1
72	BLA/13138 91443MSD HG/ACID	Z8080ARD	55PCD	1
73	BLA/LCS(PCBH1403W) 89979 HG/ACID	Z8080ARD	55PCD	1
74	BLA/LCD(PCBH1403W) 89889 HG/ACID	Z8080ARD	55PCD	1
75	AR2148 0.5, PC047D	Z8080ARD	55PCD	1
76	AR1660 0.5, PC040D	Z8080ARD	55PCD	1
77	AR1254 0.5, PC051D	Z8080ARD	55PCD	1
78	AR1242 0.5, PC055D	Z8080ARD	55PCD	1
79	AR2148 0.5, PC047D	Z8080ARD	55PCD	1
80	AR1660 0.5, PC040D	Z8080ARD	55PCD	1
81	AR1254 0.5, PC051D	Z8080ARD	55PCD	1
82	AR1242 0.5, PC055D	Z8080ARD	55PCD	1
83	AR3268 0.5, PC059D	Z8080ARD	55PCD	1
84	AR1262 0.5, PC063D	Z8080ARD	55PCD	1
85	AR3268 0.5, PC059D	Z8080ARD	55PCD	1
86	AR1262 0.5, PC063D	Z8080ARD	55PCD	1
87	GNC/MB081598-1A 89716 HG/ACID	Z8080ARD	55PCD	1
88	GMI/BLA/EQC/MB081398-1A 89708 HG/ACID	Z8080ARD	55PCD	1
89	GNC/????? TANK 1 PERMEATE HG/ACID	Z8080ARD	55PCD	1
90	GMI/13126 91398 HG/ACID	Z8080ARD	55PCD	1
91	GMI/13136 91423 HG/ACID	Z8080ARD	55PCD	1
92	GMI/13154 91511 HG/ACID RE-SPLIT	Z8080ARD	55PCD	1
93	GMI/13126 91398 HG/ACID RE-SPLIT	Z8080ARD	55PCD	1
94	GMI/13136 91423 HG/ACID RE-SPLIT	Z8080ARD	55PCD	1
95	HEXANE	Z8080ARD	55PCD	1
96	EQC/13139 91446 HG/ACID	Z8080ARD	55PCD	1
97	BLA/LCS(PCBH1202W) 89885 HG/ACID	Z8080ARD	55PCD	1
98	BLA/13138 91438 HG/ACID	Z8080ARD	55PCD	1
99	BLA/13138 91439 HG/ACID	Z8080ARD	55PCD	1
100	BLA/13138 91440 HG/ACID	Z8080ARD	55PCD	1
101	BLA/13138 91440MS HG/ACID	Z8080ARD	55PCD	1
102	BLA/13138 91440MSD HG/ACID	Z8080ARD	55PCD	1
103	AR2148 0.5, PC047D LOST FILE	Z8080ARD	55PCD	1
104	AR2148 0.5, PC047D	Z8080ARD	55PCD	1
105	AR1660 0.5, PC040D	Z8080ARD	55PCD	1
106	AR1254 0.5, PC051D	Z8080ARD	55PCD	1
107	AR1242 0.5, PC055D	Z8080ARD	55PCD	1
108	AR2148 0.5, PC047D	Z8080ARD	55PCD	1
109	AR1660 0.5, PC040D	Z8080ARD	55PCD	1
110	AR1254 0.5, PC051D	Z8080ARD	55PCD	1
111	AR1242 0.5, PC055D	Z8080ARD	55PCD	1
112	AR2148 0.5, PC047D	Z8080ARD	55PCD	1
113	AR1660 0.5, PC040D	Z8080ARD	55PCD	1
114	AR1254 0.5, PC051D	Z8080ARD	55PCD	1
115	AR1242 0.5, PC055D	Z8080ARD	55PCD	1
116	AR3268 0.5, PC059D	Z8080ARD	55PCD	1

117	AR1262 0.5, PC063D	Z8080ARD	55PCD	1
118	AR3268 0.5, PC059D	Z8080ARD	55PCD	1
119	AR2148 0.5 PC047D	Z8080ARD	55PCD	1
120	AR1660 0.5 PC040D	Z8080ARD	55PCD	1
121	AR1254 0.5 PC051D	Z8080ARD	55PCD	1
122	AR1242 0.5 PC055D	Z8080ARD	55PCD	1
123	GMI/GNC/MB081798-2F 89179B ACID	Z8080ARD	55PCD	1
124	GMI/13225 92016 ACID	Z8080ARD	55PCD	1
125	GMI/13226 92017 ACID	Z8080ARD	55PCD	1
126	GNC/13234 92031 REXT ACID	Z8080ARD	55PCD	1
127	GMI/13126 91398 REXT ACID	Z8080ARD	55PCD	1
128	GMI/13136 91423 REXT ACID	Z8080ARD	55PCD	1
129	GMI/13154 91511 REXT ACID	Z8080ARD	55PCD	1
130	CCV BLANK HEXANE	Z8080ARD	55PCD	1
131	AR2148 0.5 PC047D	Z8080ARD	55PCD	1
132	AR1660 0.5 PC040D	Z8080ARD	55PCD	1
133	AR1254 0.5 PC051D	Z8080ARD	55PCD	1
134	AR1242 0.5 PC055D	Z8080ARD	55PCD	1
135	EEI/GM/MB081898-1A 89720 HG/ACID	Z8080ARD	55PCD	1
136	FWX/DED/COR/GMI/MB081898-1C 89721 HG/ACI	Z8080ARD	55PCD	1
137	COR/13204 91909 HG/ACID	Z8080ARD	55PCD	1
138	FWX/13211 91930 HG/ACID	Z8080ARD	55PCD	1
139	FWX/13211 91932 HG/ACID	Z8080ARD	55PCD	1
140	GMI/13254 92190 HG/ACID	Z8080ARD	55PCD	1
141	GMI/13254 92191 HG/ACID	Z8080ARD	55PCD	1
142	DED/13205 91910 HG/ACID	Z8080ARD	55PCD	1
143	GM/13199 91871 HG/ACID	Z8080ARD	55PCD	1
144	EEI/LCS(PCBH1801O) 89890 HG/ACID	Z8080ARD	55PCD	1
145	GM/13199 91871 HG/ACID RR LOST FILE	Z8080ARD	55PCD	1
146	EEI/13219 91983 HG/ACID 1:10 DILUTION	Z8080ARD	55PCD	1
147	GM/13199 91871 HG/ACID RR 1:10 DILUTION	Z8080ARD	55PCD	1
148	EEI/LCS(PCBH1801O) RR	Z8080ARD	55PCD	1
149	EEI/13219 91983 HG/ACID RR	Z8080ARD	55PCD	1
150	EEI/13219 91983MS HG/ACID	Z8080ARD	55PCD	1
151	EEI/13219 91983MSD HG/ACID	Z8080ARD	55PCD	1
152	HEXANE	Z8080ARD	55PCD	1
153	HEXANE	Z8080ARD	55PCD	1
154	HEXANE	Z8080ARD	55PCD	1
155	PRIMER	Z8080ARD	55PCD	1
156	AR2148 0.5, PC047D	Z8080ARD	55PCD	1
157	AR1660 0.5, PC040D	Z8080ARD	55PCD	1
158	AR1254 0.5, PC051D	Z8080ARD	55PCD	1
159	AR1242 0.5, PC055D	Z8080ARD	55PCD	1
160	AR2148 0.5, PC047D	Z8080ARD	55PCD	1
161	AR1660 0.5, PC040D	Z8080ARD	55PCD	1
162	AR1254 0.5, PC051D	Z8080ARD	55PCD	1
163	AR1242 0.5, PC055D	Z8080ARD	55PCD	1
164	EEI/GMI/MB081998-1A 89723 HG/ACID	Z8080ARD	55PCD	1
165	GMI/13225 92106 HG/ACID RE-EXTRACT	Z8080ARD	55PCD	1
166	GMI/13226 92107 HG/ACID RE-EXTRACT	Z8080ARD	55PCD	1
167	GMI/13283 92347 HG/ACID	Z8080ARD	55PCD	1
168	GMI/13278 92312 HG/ACID	Z8080ARD	55PCD	1
169	GMI/13254 92190 HG/ACID RE-EXTRACT	Z8080ARD	55PCD	1
170	GMI/13254 92191 HG/ACID RE-EXTRACT	Z8080ARD	55PCD	1
171	EEI/13219 91984 HG/ACID	Z8080ARD	55PCD	1
172	BLA/MB081798-1A 89718 HG/ACID	Z8080ARD	55PCD	1
173	MEC/EQC/MB081998-2B 89725 HG/ACID	Z8080ARD	55PCD	1
174	BLA/13182 91627 HG/ACID	Z8080ARD	55PCD	1
175	MEC/13263 92455 HG/ACID	Z8080ARD	55PCD	1
176	AR2148 0.5, PC047D	Z8080ARD	55PCD	1

177	AR1660	0.5,	PC040D	Z8080ARD 55PCD	1
178	AR1254	0.5,	PC051D	Z8080ARD 55PCD	1
179	AR1242	0.5,	PC055D	Z8080ARD 55PCD	1
180	AR2148	0.5,	PC047D	Z8080ARD 55PCD	1
181	AR1660	0.5,	PC040D	Z8080ARD 55PCD	1
182	AR1254	0.5,	PC051D	Z8080ARD 55PCD	1
183	AR1242	0.5,	PC055D	Z8080ARD 55PCD	1

END OF SEQUENCE

Method file name: O:55PCD1
Default Sample Name: 2
Operator: TMC
Date-time: 08-16-1998 10:12:24 version: 4582

ACQUISITION PARAMETERS

SINGLE OR DUAL CHANNEL (1 OR 2)	1.00
RUN TIME (minutes)	17.50
END TIME FOR PLOTS (default=RUN TIME)	17.50
SOLVENT DELAY TIME (minutes)	0.00
PEAK DETECTION THRESHOLD (microv/sec)	15.00
Area Threshold	1000.00
MINIMUM PEAK WIDTH (seconds)	5.00
TIME FOR ONE SAMPLE (seconds)	0.50
NUMBER OF REAL TIME CRT PAGES TO PLOT (0 TO 99)	1.00
REAL TIME PLOT FULL SCALE FOR CH.0 (millivolts)	200.00
REAL TIME FULL SCALE FOR CH.1 (millivolts)	200.00
HARD COPY REAL TIME PLOT	NO
AUTO ZERO REAL TIME PLOT	NO
RECORD AREA TABLES ON DISK	NO
RECORD RAW DATA	NO
NUMBER OF CRT PAGES FOR REPLOT (1 TO 99)	2.00
VERTICAL SCALE FACTOR FOR REPLOT (units of largest peak)	0.00
OFFSET FOR THE REPLOT (millivolts)	-99.00
PUT NAMES ON REPLOT?	YES
Horizontal Plotting?	NO
Formfeed after report	YES
Formfeed after plot	YES
PRINT AREA PERCENT REPORT	NO
PRINT EXTERNAL STANDARD REPORT	YES
PRINT INTERNAL STANDARD REPORT	NO
FINAL REPORT AREA REJECT (microvolt-sec)	2000.00
LINK TO USER PROGRAM	NO
FULL SCALE RANGE FOR A.D.C. (3=1VOLT, 1=2VOLT, 0=10VOLT)	0.00
AREA REJECT FOR REFERENCE PEAKS?	20000.00
% RET TIME WINDOW FOR REFERENCE PEAKS	1.00
RET TIME WINDOW IN SECONDS FOR REF. PEAKS	10.00
AREA OR PEAK HEIGHT QUANTITATION (0 OR 1)	0.00
PRINT GROUP REPORT	NO
NUMBER OF CALIBRATION LEVELS (1 TO 6)	5.00
LIST COMPONENTS NOT FOUND IN SAMPLE?	NO
INCLUDE UNKNOWN PEAKS IN REPORTS?	YES
UPDATE RESPONSE FACTORS WITH REPLACEMENT (0) OR AVERAGE (1)	1.00
DEFAULT DILUTION FACTOR	1.00
DEFAULT SAMPLE WEIGHT	1.00
DEFAULT AMOUNT INJECTED	1.00
DEFAULT AMOUNT OF INTERNAL STANDARD	0.00
PRINT GPC MW DISTRIBUTION	NO
PRINT SIMULATED DISTILLATION REPORT	NO

Response factor for unknowns= 0.0000E+00
Component Units = ug/ml

1 TCMX Ret. Time = 2.92 min. Fit.type = 2

Ref. peak: DCB Int Std: DCB Window size: 1.6%
AREA = 2.6058D+07 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9996

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	56756	0.00208	0.00000004
2	112499	0.00417	0.00000004
3	529622	0.02080	0.00000004
4	1101677	0.04170	0.00000004
5	1295108	0.05000	0.00000004

2 1221C1 Ret. Time = 3.14 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 1.5%
AREA = 2.1290D+05 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9915

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	11719	0.05000	0.00000427
2	25119	0.10000	0.00000398
3	115220	0.50000	0.00000434
4	224041	1.00000	0.00000446
5	242183	1.20000	0.00000495

3 1221C2 Ret. Time = 3.28 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 1.4%
AREA = 1.3252D+05 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9923

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	8350	0.05000	0.00000599
2	15459	0.10000	0.00000647
3	72452	0.50000	0.00000690
4	138257	1.00000	0.00000723
5	151416	1.20000	0.00000793

4 1221C3 Ret. Time = 3.38 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 1.4%
AREA = 5.6503D+05 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9929

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	30720	0.05000	0.00000163
2	65539	0.10000	0.00000153
3	302348	0.50000	0.00000165
4	593082	1.00000	0.00000169
5	645533	1.20000	0.00000186

5 1248C1 Ret. Time = 4.45 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 1.1%
AREA = 2.2066D+05 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9922

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	13135	0.05000	0.00000381
2	27464	0.10000	0.00000364
3	120550	0.50000	0.00000415
4	229959	1.00000	0.00000435
5	252255	1.20000	0.00000476

6 1248C2 Ret. Time = 5.00 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 0.9%
AREA = 1.2010D+06 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9948

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	67775	0.05000	0.00000074

2	135184	0.10000	0.00000074
3	633769	0.50000	0.00000079
4	1254276	1.00000	0.00000080
5	1381271	1.20000	0.00000087

7 1248C3 Ret. Time = 5.73 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 0.8%
AREA = 3.6620D+05 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9924

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	21685	0.05000	0.00000231
2	45402	0.10000	0.00000220
3	200229	0.50000	0.00000250
4	381230	1.00000	0.00000262
5	418908	1.20000	0.00000286

8 1248C4 Ret. Time = 6.59 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 0.7%
AREA = 7.9460D+05 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9929

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	47105	0.05000	0.00000106
2	93220	0.10000	0.00000107
3	433160	0.50000	0.00000115
4	827860	1.00000	0.00000121
5	909416	1.20000	0.00000132

9 1248C5 Ret. Time = 7.85 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 0.6%
AREA = 9.2820D+05 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9947

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	56035	0.05000	0.00000089
2	108130	0.10000	0.00000092
3	492785	0.50000	0.00000101
4	966343	1.00000	0.00000103
5	1068435	1.20000	0.00000112

10 DCB Ret. Time = 17.08 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 0.3%
AREA = 2.7264D+07 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9992

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	118094	0.00417	0.00000004
2	266888	0.00833	0.00000003
3	1127423	0.04170	0.00000004
4	2309823	0.08330	0.00000004
5	2694626	0.10000	0.00000004

Ev#	Time	Event	Description
1	0.00	PD-	Peak Detection (on/off)
2	0.00	FBA	Force Baseline at All peak starts
3	2.55	PD+	Peak Detection (on/off)

********** AUTOMATIC CALIBRATION UPDATE **********

Sample Name: AR2148 .05 PC045D
Operator: TMC Date Taken: 08-15-1998 12:14:46
Date: 08-16-1998 Time: 09:59:22
Interface: 4 Cycle: 3
Method: O:55PCD1 Channel: 0
Vial: 0 Level 1
Today's Date: 08-16-1998 Time: 09:59:22
1 Area table file used in measured average:
O:55PCD3
Start delay: 0.00
Area reject: 2000.00 One sample per .5 sec.
Amount injected: 1.00 Std. Amt. Injected: 1.00
EXTERNAL STANDARD CALIBRATION

COMP NUM	NAME	OLD RET.TIME	MEASURED RET.TIME	NEW RET.TIME	OLD AREA	MEASURED AREA	NEW AREA
2	1221C1	3.13	3.13	3.13	10593	11719	11719
3	1221C2	3.28	3.28	3.28	6383	8350	8350
4	1221C3	3.38	3.38	3.38	26658	30720	30720
5	1248C1	4.45	4.45	4.45	10970	13135	13135
6	1248C2	4.99	4.99	4.99	54657	67775	67775
7	1248C3	5.72	5.72	5.72	17627	21685	21685
8	1248C4	6.58	6.58	6.58	38446	47105	47105
9	1248C5	7.84	7.84	7.84	47251	56035	56035
10	DCB	17.08	17.08	17.08	102207	4556	4556

********** Peaks Not Found In This Calibration. No Changes Made. **********

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
TCMX	2.92	DCB

Method O:55PCD1 updated on disk. 08-16-1998 09:59:23 version: 4576

********** AUTOMATIC CALIBRATION UPDATE **********

Sample Name: AR2148 0.1 PC046D
Operator: TMC Date Taken: 08-15-1998 13:36:56
Date: 08-16-1998 Time: 09:59:30
Interface: 4 Cycle: 7
Method: O:55PCD1 Channel: 0
Vial: 0 Level 2
Today's Date: 08-16-1998 Time: 09:59:30
1 Area table file used in measured average:
O:55PCD7
Start delay: 0.00
Area reject: 2000.00 One sample per .5 sec.
Amount injected: 1.00 Std. Amt. Injected: 1.00
EXTERNAL STANDARD CALIBRATION

COMP NUM	NAME	OLD RET.TIME	MEASURED RET.TIME	NEW RET.TIME	OLD AREA	MEASURED AREA	NEW AREA
2	1221C1	3.13	3.13	3.13	21914	25119	25119
3	1221C2	3.28	3.28	3.28	13391	15459	15459
4	1221C3	3.38	3.38	3.38	54151	65539	65539
5	1248C1	4.45	4.45	4.45	22042	27464	27464
6	1248C2	4.99	4.99	4.99	112942	135184	135184

7	1248C3	5.72	5.72	5.72	35867	45402	45402
8	1248C4	6.58	6.58	6.58	77970	93220	93220
9	1248C5	7.84	7.84	7.84	89617	108130	108130

********** Peaks Not Found In This Calibration. No Changes Made. **********

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
TCMX	2.92	DCB
DCB	17.08	DCB

Method O:55PCD1 updated on disk. 08-16-1998 09:59:30 version: 4577

********** AUTOMATIC CALIBRATION UPDATE **********

Sample Name: AR2148 0.5 PC047D
Operator: TMC Date Taken: 08-15-1998 14:59:23
Date: 08-16-1998 Time: 09:59:34
Interface: 4 Cycle: 11
Method: O:55PCD1 Channel: 0
Vial: 0 Level 3
Today's Date: 08-16-1998 Time: 09:59:34
1 Area table file used in measured average:
O:55PCD11
Start delay: 0.00
Area reject: 2000.00 One sample per .5 sec.
Amount injected: 1.00 Std. Amt. Injected: 1.00
EXTERNAL STANDARD CALIBRATION

COMP NUM	NAME	OLD RET.TIME	MEASURED RET.TIME	NEW RET.TIME	OLD AREA	MEASURED AREA	NEW AREA
2	1221C1	3.13	3.13	3.13	100627	115220	115220
3	1221C2	3.28	3.28	3.28	63521	72452	72452
4	1221C3	3.38	3.38	3.38	264144	302348	302348
5	1248C1	4.45	4.45	4.45	105444	120550	120550
6	1248C2	4.99	4.99	4.99	547860	633769	633769
7	1248C3	5.72	5.72	5.72	176658	200229	200229
8	1248C4	6.58	6.58	6.58	373950	433160	433160
9	1248C5	7.84	7.84	7.84	431247	492785	492785
10	DCB	17.08	17.12	17.10	939406	25375	25375

********** Peaks Not Found In This Calibration. No Changes Made. **********

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
TCMX	2.92	DCB

Method O:55PCD1 updated on disk. 08-16-1998 09:59:34 version: 4578

********** AUTOMATIC CALIBRATION UPDATE **********

Sample Name: AR2148 1.0 PC048D
Operator: TMC Date Taken: 08-15-1998 16:29:24
Date: 08-16-1998 Time: 09:59:46
Interface: 4 Cycle: 15
Method: O:55PCD1 Channel: 0
Vial: 0 Level 4
Today's Date: 08-16-1998 Time: 09:59:46
1 Area table file used in measured average:
O:55PCD15
Start delay: 0.00
Area reject: 2000.00 One sample per .5 sec.
Amount injected: 1.00 Std. Amt. Injected: 1.00
EXTERNAL STANDARD CALIBRATION

COMP NUM	NAME	OLD RET.TIME	MEASURED RET.TIME	NEW RET.TIME	OLD AREA	MEASURED AREA	NEW AREA
2	1221C1	3.13	3.15	3.14	189488	224041	224041
3	1221C2	3.28	3.29	3.28	119279	138257	138257
4	1221C3	3.38	3.39	3.38	499722	593082	593082
5	1248C1	4.45	4.47	4.46	191933	229959	229959
6	1248C2	4.99	5.01	5.00	1045046	1254276	1254276
7	1248C3	5.72	5.75	5.74	326389	381230	381230
8	1248C4	6.58	6.61	6.60	699107	827860	827860
9	1248C5	7.84	7.87	7.85	825883	966343	966343
10	DCB	17.10	17.10	17.10	1987507	28295	28295

********** Peaks Not Found In This Calibration. No Changes Made. **********

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
TCMX	2.92	DCB

Method O:55PCD1 updated on disk. 08-16-1998 09:59:46 version: 4579

********** AUTOMATIC CALIBRATION UPDATE **********

Sample Name: AR2148 1.2 PC042D
Operator: TMC Date Taken: 08-15-1998 17:51:53
Date: 08-16-1998 Time: 09:59:52
Interface: 4 Cycle: 19
Method: O:55PCD1 Channel: 0
Vial: 0 Level 5
Today's Date: 08-16-1998 Time: 09:59:52
1 Area table file used in measured average:
O:55PCD19
Start delay: 0.00
Area reject: 2000.00 One sample per .5 sec.
Amount injected: 1.00 Std. Amt. Injected: 1.00

EXTERNAL STANDARD CALIBRATION

COMP NUM	NAME	OLD RET.TIME	MEASURED RET.TIME	NEW RET.TIME	OLD AREA	MEASURED AREA	NEW AREA
2	1221C1	3.14	3.13	3.14	234580	242183	242183
3	1221C2	3.28	3.28	3.28	146709	151416	151416
4	1221C3	3.38	3.38	3.38	624294	645533	645533
5	1248C1	4.46	4.45	4.45	242390	252255	252255
6	1248C2	5.00	4.99	5.00	1325811	1381271	1381271
7	1248C3	5.74	5.72	5.73	405005	418908	418908
8	1248C4	6.60	6.58	6.59	872986	909416	909416
9	1248C5	7.85	7.84	7.85	1039473	1068435	1068435

********** Peaks Not Found In This Calibration. No Changes Made. **********

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
TCMX	2.92	DCB
DCB	17.10	DCB

Method O:55PCD1 updated on disk. 08-16-1998 09:59:52 version: 4580

Method file name: O:55PCD2
Default Sample Name: 2
Operator: TMC
Date-time: 08-16-1998 09:14:01 version: 4484

ACQUISITION PARAMETERS

SINGLE OR DUAL CHANNEL (1 OR 2)	1.00
RUN TIME (minutes)	17.50
END TIME FOR PLOTS (default=RUN TIME)	17.50
SOLVENT DELAY TIME (minutes)	0.00
PEAK DETECTION THRESHOLD (microv/sec)	15.00
Area Threshold	1000.00
MINIMUM PEAK WIDTH (seconds)	5.00
TIME FOR ONE SAMPLE (seconds)	0.50
NUMBER OF REAL TIME CRT PAGES TO PLOT (0 TO 99)	1.00
REAL TIME PLOT FULL SCALE FOR CH.0 (millivolts)	200.00
REAL TIME FULL SCALE FOR CH.1 (millivolts)	200.00
HARD COPY REAL TIME PLOT	NO
AUTO ZERO REAL TIME PLOT	NO
RECORD AREA TABLES ON DISK	NO
RECORD RAW DATA	NO
NUMBER OF CRT PAGES FOR REPLOT (1 TO 99)	2.00
VERTICAL SCALE FACTOR FOR REPLOT (units of largest peak)	0.00
OFFSET FOR THE REPLOT (millivolts)	-99.00
PUT NAMES ON REPLOT?	YES
Horizontal Plotting?	NO
Formfeed after report	YES
Formfeed after plot	YES
PRINT AREA PERCENT REPORT	NO
PRINT EXTERNAL STANDARD REPORT	YES
PRINT INTERNAL STANDARD REPORT	NO
FINAL REPORT AREA REJECT (microvolt-sec)	10000.00
LINK TO USER PROGRAM	NO
FULL SCALE RANGE FOR A.D.C. (3=1VOLT, 1=2VOLT, 0=10VOLT)	0.00
AREA REJECT FOR REFERENCE PEAKS?	20000.00
% RET TIME WINDOW FOR REFERENCE PEAKS	1.00
RET TIME WINDOW IN SECONDS FOR REF. PEAKS	10.00
AREA OR PEAK HEIGHT QUANTITATION (0 OR 1)	0.00
PRINT GROUP REPORT	NO
NUMBER OF CALIBRATION LEVELS (1 TO 6)	5.00
LIST COMPONENTS NOT FOUND IN SAMPLE?	NO
INCLUDE UNKNOWN PEAKS IN REPORTS?	YES
UPDATE RESPONSE FACTORS WITH REPLACEMENT (0) OR AVERAGE (1)	1.00
DEFAULT DILUTION FACTOR	1.00
DEFAULT SAMPLE WEIGHT	1.00
DEFAULT AMOUNT INJECTED	1.00
DEFAULT AMOUNT OF INTERNAL STANDARD	0.00
PRINT GPC MW DISTRIBUTION	NO
PRINT SIMULATED DISTILLATION REPORT	NO

Response factor for unknowns= 0.0000E+00
Component Units = ug/ml

1 TCMX Ret. Time = 2.92 min. Fit.type = 2
Ref. peak: 1260C3 Int Std: DCB Window size: 1.6%

AREA = 2.6058D+07 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9996

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	56756	0.00208	0.00000004
2	112499	0.00417	0.00000004
3	529622	0.02080	0.00000004
4	1101677	0.04170	0.00000004
5	1295108	0.05000	0.00000004

2 1016C1 Ret. Time = 4.45 min. Fit.type = 2
Ref. peak: 1260C3 Int Std: DCB Window size: 1.1%
AREA = 4.6676D+05 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9939

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	31152	0.05000	0.00000161
2	58281	0.10000	0.00000172
3	255812	0.50000	0.00000195
4	479856	1.00000	0.00000208
5	538562	1.20000	0.00000223

3 1016C2 Ret. Time = 4.99 min. Fit.type = 2
Ref. peak: 1260C3 Int Std: DCB Window size: 0.9%
AREA = 1.6874D+06 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9986

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	92727	0.05000	0.00000054
2	185065	0.10000	0.00000054
3	864990	0.50000	0.00000058
4	1726235	1.00000	0.00000058
5	1981890	1.20000	0.00000061

4 1016C3 Ret. Time = 5.22 min. Fit.type = 2
Ref. peak: 1260C3 Int Std: DCB Window size: 0.9%
AREA = 6.4847D+05 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9954

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	39031	0.05000	0.00000128
2	87875	0.10000	0.00000114
3	345300	0.50000	0.00000145
4	665665	1.00000	0.00000150
5	752864	1.20000	0.00000159

5 1016C4 Ret. Time = 6.59 min. Fit.type = 2
Ref. peak: 1260C3 Int Std: DCB Window size: 0.8%
AREA = 5.8659D+05 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9942

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	37334	0.05000	0.00000134
2	72483	0.10000	0.00000138
3	321961	0.50000	0.00000155
4	602079	1.00000	0.00000166
5	677561	1.20000	0.00000177

6 1016C5 Ret. Time = 7.38 min. Fit.type = 2
Ref. peak: 1260C3 Int Std: DCB Window size: 0.7%
AREA = 4.4587D+05 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9936

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	26916	0.10000	0.00000372
2	52653	0.10000	0.00000190

3	247095	0.50000	0.00000202
4	454289	1.00000	0.00000220
5	518751	1.20000	0.00000231

7 1260C1 Ret. Time = 10.41 min. Fit.type = 2
Ref. peak: 1260C3 Int Std: DCB Window size: 0.4%
AREA = 1.3044D+06 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9981

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	75479	0.05000	0.00000066
2	149785	0.10000	0.00000067
3	681640	0.50000	0.00000073
4	1330142	1.00000	0.00000075
5	1529596	1.20000	0.00000078

8 1260C2 Ret. Time = 11.26 min. Fit.type = 2
Ref. peak: 1260C3 Int Std: DCB Window size: 0.1%
AREA = 2.1666D+06 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9994

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	111853	0.05000	0.00000045
2	226140	0.10000	0.00000044
3	1083853	0.50000	0.00000046
4	2205707	1.00000	0.00000045
5	2566253	1.20000	0.00000047

9 1260C3 Ret. Time = 12.44 min. Fit.type = 2
Ref. peak: 1260C3 Int Std: DCB Window size: 0.4%
AREA = 8.1596D+05 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9969

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	47212	0.05000	0.00000106
2	95870	0.10000	0.00000104
3	436034	0.50000	0.00000115
4	833438	1.00000	0.00000120
5	951432	1.20000	0.00000126

10 1260C4 Ret. Time = 13.12 min. Fit.type = 2
Ref. peak: 1260C3 Int Std: DCB Window size: 0.4%
AREA = 3.0586D+06 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9943

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	152140	0.05000	0.00000033
2	300802	0.10000	0.00000033
3	1552104	0.50000	0.00000032
4	3237355	1.00000	0.00000031
5	3512365	1.20000	0.00000034

11 1260C5 Ret. Time = 13.83 min. Fit.type = 2
Ref. peak: 1260C3 Int Std: DCB Window size: 0.4%
AREA = 1.3896D+06 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9998

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	74785	0.05000	0.00000067
2	145451	0.10000	0.00000069
3	680162	0.50000	0.00000074
4	1396413	1.00000	0.00000072
5	1667185	1.20000	0.00000072

12 DCB Ret. Time = 17.08 min. Fit.type = 2

Ref. peak: DCB Int Std: DCB Window size: 0.3%

AREA = 2.7264D+07 * AMOUNT + 0.0000D+00

Correlation (R squared) = 0.9992

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	118094	0.00417	0.00000004
2	266888	0.00833	0.00000003
3	1127423	0.04170	0.00000004
4	2309823	0.08330	0.00000004
5	2694626	0.10000	0.00000004

Ev#	Time	Event	Description
1	0.00	PD-	Peak Detection (on/off)
2	2.55	PD+	Peak Detection (on/off)

********** AUTOMATIC CALIBRATION UPDATE **********

Sample Name: AR1660 .05 PC038D
Operator: TMC Date Taken: 08-15-1998 12:35:25
Date: 08-16-1998 Time: 09:13:45
Interface: 4 Cycle: 4
Method: O:55PCD2 Channel: 0
Vial: 0 Level 1
Today's Date: 08-16-1998 Time: 09:13:45
1 Area table file used in measured average:
O:55PCD4
Start delay: 0.00
Area reject: 10000.00 One sample per .5 sec.
Amount injected: 1.00 Std. Amt. Injected: 1.00
EXTERNAL STANDARD CALIBRATION

COMP NUM	NAME	OLD RET.TIME	MEASURED RET.TIME	NEW RET.TIME	OLD AREA	MEASURED AREA	NEW AREA
1	TCMX	2.92	2.92	2.92	56756	56756	56756
2	1016C1	4.45	4.45	4.45	31152	31152	31152
3	1016C2	4.99	4.99	4.99	92727	92727	92727
4	1016C3	5.21	5.22	5.22	39031	39031	39031
5	1016C4	6.58	6.59	6.59	37334	37334	37334
6	1016C5	7.37	7.38	7.38	26916	26916	26916
7	1260C1	10.41	10.41	10.41	75479	75479	75479
8	1260C2	11.26	11.26	11.26	111853	111853	111853
9	1260C3	12.44	12.44	12.44	47212	47212	47212
10	1260C4	13.13	13.13	13.13	152140	152140	152140
11	1260C5	13.84	13.84	13.84	74785	74785	74785
12	DCB	17.09	17.08	17.08	118094	118094	118094

All peaks were found.
Method O:55PCD2 updated on disk. 08-16-1998 09:13:46 version: 4480

********** AUTOMATIC CALIBRATION UPDATE **********

Sample Name: AR1660 0.1 PC039D
Operator: TMC Date Taken: 08-15-1998 13:57:34
Date: 08-16-1998 Time: 09:13:49
Interface: 4 Cycle: 8
Method: O:55PCD2 Channel: 0
Vial: 0 Level 2
Today's Date: 08-16-1998 Time: 09:13:49
1 Area table file used in measured average:
O:55PCD8
Start delay: 0.00
Area reject: 10000.00 One sample per .5 sec.
Amount injected: 1.00 Std. Amt. Injected: 1.00
EXTERNAL STANDARD CALIBRATION

COMP NUM	NAME	OLD RET.TIME	MEASURED RET.TIME	NEW RET.TIME	OLD AREA	MEASURED AREA	NEW AREA
1	TCMX	2.92	2.92	2.92	112499	112499	112499
2	1016C1	4.45	4.45	4.45	58281	58281	58281
3	1016C2	4.99	4.99	4.99	185065	185065	185065
4	1016C3	5.22	5.21	5.21	87875	87875	87875
5	1016C4	6.59	6.58	6.59	72483	72483	72483
6	1016C5	7.38	7.38	7.38	52653	52653	52653

7	1260C1	10.41	10.41	10.41	149785	149785	149785
8	1260C2	11.26	11.26	11.26	226140	226140	226140
9	1260C3	12.44	12.43	12.44	95870	95870	95870
10	1260C4	13.13	13.13	13.13	300802	300802	300802
11	1260C5	13.84	13.83	13.84	145451	145451	145451
12	DCB	17.08	17.08	17.08	266888	266888	266888

All peaks were found.
Method O:55PCD2 updated on disk. 08-16-1998 09:13:49 version: 4481

********** AUTOMATIC CALIBRATION UPDATE **********

Sample Name: AR1660 0.5 PC040D
Operator: TMC Date Taken: 08-15-1998 15:20:04
Date: 08-16-1998 Time: 09:13:53
Interface: 4 Cycle: 12
Method: O:55PCD2 Channel: 0
Vial: 0 Level 3
Today's Date: 08-16-1998 Time: 09:13:53
1 Area table file used in measured average:
O:55PCD12
Start delay: 0.00
Area reject: 10000.00 One sample per .5 sec.
Amount injected: 1.00 Std. Amt. Injected: 1.00
EXTERNAL STANDARD CALIBRATION

COMP NUM	NAME	OLD RET.TIME	MEASURED RET.TIME	NEW RET.TIME	OLD AREA	MEASURED AREA	NEW AREA
1	TCMX	2.92	2.92	2.92	463967	529622	529622
2	1016C1	4.45	4.45	4.45	43475	255812	255812
3	1016C2	4.99	4.99	4.99	133793	864990	864990
4	1016C3	5.21	5.21	5.21	66562	345300	345300
5	1016C4	6.59	6.58	6.59	53639	321961	321961
6	1016C5	7.38	7.38	7.38	54963	247095	247095
7	1260C1	10.41	10.41	10.41	581821	681640	681640
8	1260C2	11.26	11.26	11.26	920704	1083853	1083853
9	1260C3	12.44	12.43	12.44	374084	436034	436034
10	1260C4	13.13	13.13	13.13	7855	1552104	1552104
11	1260C5	13.84	13.83	13.84	2917	680162	680162
12	DCB	17.08	17.08	17.08	22175	1127423	1127423

All peaks were found.
Method O:55PCD2 updated on disk. 08-16-1998 09:13:53 version: 4482

********** AUTOMATIC CALIBRATION UPDATE **********

Sample Name: AR1660 1.0 PC041D
Operator: TMC Date Taken: 08-15-1998 16:50:02
Date: 08-16-1998 Time: 09:13:56
Interface: 4 Cycle: 16
Method: O:55PCD2 Channel: 0
Vial: 0 Level 4
Today's Date: 08-16-1998 Time: 09:13:56
1 Area table file used in measured average:
O:55PCD16
Start delay: 0.00
Area reject: 10000.00 One sample per .5 sec.
Amount injected: 1.00 Std. Amt. Injected: 1.00
EXTERNAL STANDARD CALIBRATION

COMP OLD MEASURED NEW OLD MEASURED NEW

NUM	NAME	RET.TIME	RET.TIME	RET.TIME	AREA	AREA	AREA
1	TCMX	2.92	2.92	2.92	529622	1101677	1101677
2	1016C1	4.45	4.45	4.45	255812	479856	479856
3	1016C2	4.99	4.99	4.99	864990	1726235	1726235
4	1016C3	5.21	5.22	5.21	345300	665665	665665
5	1016C4	6.59	6.59	6.59	321961	602079	602079
6	1016C5	7.38	7.38	7.38	247095	454289	454289
7	1260C1	10.41	10.41	10.41	681640	1330142	1330142
8	1260C2	11.26	11.26	11.26	1083853	2205707	2205707
9	1260C3	12.44	12.43	12.43	436034	833438	833438
10	1260C4	13.13	13.12	13.12	1552104	3237355	3237355
11	1260C5	13.84	13.83	13.83	680162	1396413	1396413
12	DCB	17.08	17.08	17.08	1127423	2309823	2309823

All peaks were found.
Method O:55PCD2 updated on disk. 08-16-1998 09:13:56 version: 4483

********** AUTOMATIC CALIBRATION UPDATE **********

Sample Name: AR1660 1.2 PC037D
Operator: TMC Date Taken: 08-15-1998 18:12:30
Date: 08-16-1998 Time: 09:14:00
Interface: 4 Cycle: 20
Method: O:55PCD2 Channel: 0
Vial: 0 Level 5
Today's Date: 08-16-1998 Time: 09:14:00
1 Area table file used in measured average:
O:55PCD20
Start delay: 0.00
Area reject: 10000.00 One sample per .5 sec.
Amount injected: 1.00 Std. Amt. Injected: 1.00

EXTERNAL STANDARD CALIBRATION

COMP NUM	NAME	OLD RET.TIME	MEASURED RET.TIME	NEW RET.TIME	OLD AREA	MEASURED AREA	NEW AREA
1	TCMX	2.92	2.92	2.92	1257465	1295108	1295108
2	1016C1	4.45	4.45	4.45	518099	538562	538562
3	1016C2	4.99	4.99	4.99	1893928	1981890	1981890
4	1016C3	5.21	5.22	5.22	723230	752864	752864
5	1016C4	6.59	6.59	6.59	646601	677561	677561
6	1016C5	7.38	7.38	7.38	492271	518751	518751
7	1260C1	10.41	10.41	10.41	1454035	1529596	1529596
8	1260C2	11.26	11.26	11.26	2447685	2566253	2566253
9	1260C3	12.43	12.44	12.44	903975	951432	951432
10	1260C4	13.12	13.12	13.12	3398217	3512365	3512365
11	1260C5	13.83	13.83	13.83	1543345	1667185	1667185
12	DCB	17.08	17.08	17.08	2572508	2694626	2694626

All peaks were found.
Method O:55PCD2 updated on disk. 08-16-1998 09:14:01 version: 4484

Method file name: O:55PCD3
Default Sample Name: 2
Operator: TMC
Date-time: 08-16-1998 10:15:58 version: 3197

ACQUISITION PARAMETERS

SINGLE OR DUAL CHANNEL (1 OR 2)	1.00
RUN TIME (minutes)	17.50
END TIME FOR PLOTS (default=RUN TIME)	17.50
SOLVENT DELAY TIME (minutes)	0.00
PEAK DETECTION THRESHOLD (microv/sec)	15.00
Area Threshold	1000.00
MINIMUM PEAK WIDTH (seconds)	5.00
TIME FOR ONE SAMPLE (seconds)	0.50
NUMBER OF REAL TIME CRT PAGES TO PLOT (0 TO 99)	1.00
REAL TIME PLOT FULL SCALE FOR CH.0 (millivolts)	200.00
REAL TIME FULL SCALE FOR CH.1 (millivolts)	200.00
HARD COPY REAL TIME PLOT	NO
AUTO ZERO REAL TIME PLOT	NO
RECORD AREA TABLES ON DISK	NO
RECORD RAW DATA	NO
NUMBER OF CRT PAGES FOR REPLOT (1 TO 99)	2.00
VERTICAL SCALE FACTOR FOR REPLOT (units of largest peak)	0.00
OFFSET FOR THE REPLOT (millivolts)	-99.00
PUT NAMES ON REPLOT?	YES
Horizontal Plotting?	NO
Formfeed after report	YES
Formfeed after plot	YES
PRINT AREA PERCENT REPORT	NO
PRINT EXTERNAL STANDARD REPORT	YES
PRINT INTERNAL STANDARD REPORT	NO
FINAL REPORT AREA REJECT (microvolt-sec)	2000.00
LINK TO USER PROGRAM	NO
FULL SCALE RANGE FOR A.D.C. (3=1VOLT, 1=2VOLT, 0=10VOLT)	0.00
AREA REJECT FOR REFERENCE PEAKS?	20000.00
% RET TIME WINDOW FOR REFERENCE PEAKS	1.00
RET TIME WINDOW IN SECONDS FOR REF. PEAKS	10.00
AREA OR PEAK HEIGHT QUANTITATION (0 OR 1)	0.00
PRINT GROUP REPORT	NO
NUMBER OF CALIBRATION LEVELS (1 TO 6)	5.00
LIST COMPONENTS NOT FOUND IN SAMPLE?	NO
INCLUDE UNKNOWN PEAKS IN REPORTS?	YES
UPDATE RESPONSE FACTORS WITH REPLACEMENT (0) OR AVERAGE (1)	1.00
DEFAULT DILUTION FACTOR	1.00
DEFAULT SAMPLE WEIGHT	1.00
DEFAULT AMOUNT INJECTED	1.00
DEFAULT AMOUNT OF INTERNAL STANDARD	0.00
PRINT GPC MW DISTRIBUTION	NO
PRINT SIMULATED DISTILLATION REPORT	NO

Response factor for unknowns= 0.0000E+00
Component Units = ug/ml

1 TCMX Ret. Time = 2.92 min. Fit.type = 2
Ref. peak: 1254C5 Int Std: 1254C5 Window size: 1.6%

AREA = 2.6058D+07 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9996

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	56756	0.00208	0.00000004
2	112499	0.00417	0.00000004
3	529622	0.02080	0.00000004
4	1101677	0.04170	0.00000004
5	1295108	0.05000	0.00000004

2 1254C1 Ret. Time = 7.97 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 0.6%
AREA = 1.0643D+06 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9971

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	65008	0.05000	0.00000077
2	126603	0.10000	0.00000079
3	552805	0.50000	0.00000090
4	1096496	1.00000	0.00000091
5	1239610	1.20000	0.00000097

3 1254C2 Ret. Time = 9.03 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 0.6%
AREA = 1.5744D+06 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9983

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	81811	0.05000	0.00000061
2	174339	0.10000	0.00000057
3	787453	0.50000	0.00000063
4	1623560	1.00000	0.00000062
5	1846678	1.20000	0.00000065

4 1254C3 Ret. Time = 10.41 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 0.5%
AREA = 6.1675D+05 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9949

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	35706	0.05000	0.00000140
2	76045	0.10000	0.00000132
3	331959	0.50000	0.00000151
4	636740	1.00000	0.00000157
5	712221	1.20000	0.00000168

5 1254C4 Ret. Time = 11.26 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 0.5%
AREA = 1.6611D+06 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9980

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	83679	0.05000	0.00000060
2	187035	0.10000	0.00000053
3	846435	0.50000	0.00000059
4	1712204	1.00000	0.00000058
5	1942394	1.20000	0.00000062

6 1254C5 Ret. Time = 13.12 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 0.4%
AREA = 3.4252D+05 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9945

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	25605	0.05000	0.00000195
2	41405	0.10000	0.00000242

3	185699	0.50000	0.00000269
4	352202	1.00000	0.00000284
5	395991	1.20000	0.00000303

7 DCB Ret. Time = 17.08 min. Fit.type = 2
Ref. peak: 1254C1 Int Std: DCB Window size: 0.3%
AREA = 2.7264D+07 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9992

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	118094	0.00417	0.00000004
2	266888	0.00833	0.00000003
3	1127423	0.04170	0.00000004
4	2309823	0.08330	0.00000004
5	2694626	0.10000	0.00000004

Ev#	Time	Event	Description
1	0.00	PD-	Peak Detection (on/off)
2	2.55	PD+	Peak Detection (on/off)

********** AUTOMATIC CALIBRATION UPDATE **********

Sample Name: AR1254 .05 PC049D
Operator: TMC Date Taken: 08-15-1998 12:56:00
Date: 08-16-1998 Time: 10:13:15
Interface: 4 Cycle: 5
Method: O:55PCD3 Channel: 0
Vial: 0 Level 1
Today's Date: 08-16-1998 Time: 10:13:15
1 Area table file used in measured average:
O:55PCD5
Start delay: 0.00
Area reject: 2000.00 One sample per .5 sec.
Amount injected: 1.00 Std. Amt. Injected: 1.00

EXTERNAL STANDARD CALIBRATION

COMP NUM	NAME	OLD RET.TIME	MEASURED RET.TIME	NEW RET.TIME	OLD AREA	MEASURED AREA	NEW AREA
2	1254C1	7.97	7.97	7.97	52812	65008	65008
3	1254C2	9.03	9.02	9.02	70651	81811	81811
4	1254C3	10.40	10.40	10.40	30290	35706	35706
5	1254C4	11.25	11.25	11.25	73562	83679	83679
6	1254C5	13.12	13.13	13.13	17595	25605	25605
7	DCB	17.08	17.08	17.08	102207	49373	49373

********** Peaks Not Found In This Calibration. No Changes Made. **********

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
TCMX	2.92	1254C5

Method O:55PCD3 updated on disk. 08-16-1998 10:13:16 version: 3192

********** AUTOMATIC CALIBRATION UPDATE **********

Sample Name: AR1254 0.1 PC050D
Operator: TMC Date Taken: 08-15-1998 14:18:10
Date: 08-16-1998 Time: 10:13:19
Interface: 4 Cycle: 9
Method: O:55PCD3 Channel: 0
Vial: 0 Level 2
Today's Date: 08-16-1998 Time: 10:13:19
1 Area table file used in measured average:
O:55PCD9
Start delay: 0.00
Area reject: 2000.00 One sample per .5 sec.
Amount injected: 1.00 Std. Amt. Injected: 1.00

EXTERNAL STANDARD CALIBRATION

COMP NUM	NAME	OLD RET.TIME	MEASURED RET.TIME	NEW RET.TIME	OLD AREA	MEASURED AREA	NEW AREA
2	1254C1	7.97	7.97	7.97	104882	126603	126603
3	1254C2	9.02	9.02	9.02	145477	174339	174339
4	1254C3	10.40	10.40	10.40	61825	76045	76045
5	1254C4	11.25	11.25	11.25	156642	187035	187035
6	1254C5	13.13	13.12	13.12	37029	41405	41405
7	DCB	17.08	17.07	17.08	191917	24090	24090

********** Peaks Not Found In This Calibration. No Changes Made. **********

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
TCMX	2.92	1254C5

Method O:55PCD3 updated on disk. 08-16-1998 10:13:19 version: 3193

********** AUTOMATIC CALIBRATION UPDATE **********

Sample Name: AR1254 0.5 PC051D
Operator: TMC Date Taken: 08-15-1998 15:40:25
Date: 08-16-1998 Time: 10:13:22
Interface: 4 Cycle: 13
Method: O:55PCD3 Channel: 0
Vial: 0 Level 3
Today's Date: 08-16-1998 Time: 10:13:22
1 Area table file used in measured average:
O:55PCD13
Start delay: 0.00
Area reject: 2000.00 One sample per .5 sec.
Amount injected: 1.00 Std. Amt. Injected: 1.00
EXTERNAL STANDARD CALIBRATION

COMP NUM	NAME	OLD RET.TIME	MEASURED RET.TIME	NEW RET.TIME	OLD AREA	MEASURED AREA	NEW AREA
2	1254C1	7.97	7.97	7.97	454659	552805	552805
3	1254C2	9.02	9.03	9.03	647134	787453	787453
4	1254C3	10.40	10.41	10.40	274591	331959	331959
5	1254C4	11.25	11.26	11.25	697527	846435	846435
6	1254C5	13.12	13.13	13.12	160932	185699	185699
7	DCB	17.08	17.08	17.08	939406	16610	16610

********** Peaks Not Found In This Calibration. No Changes Made. **********

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
TCMX	2.92	1254C5

Method O:55PCD3 updated on disk. 08-16-1998 10:13:22 version: 3194

********** AUTOMATIC CALIBRATION UPDATE **********

Sample Name: AR1254 1.0 PC052D
Operator: TMC Date Taken: 08-15-1998 17:10:39
Date: 08-16-1998 Time: 10:13:25
Interface: 4 Cycle: 17
Method: O:55PCD3 Channel: 0
Vial: 0 Level 4
Today's Date: 08-16-1998 Time: 10:13:25
1 Area table file used in measured average:
O:55PCD17
Start delay: 0.00
Area reject: 2000.00 One sample per .5 sec.
Amount injected: 1.00 Std. Amt. Injected: 1.00
EXTERNAL STANDARD CALIBRATION

COMP NUM	NAME	OLD RET.TIME	MEASURED RET.TIME	NEW RET.TIME	OLD AREA	MEASURED AREA	NEW AREA
2	1254C1	7.97	7.97	7.97	967089	1096496	1096496
3	1254C2	9.03	9.03	9.03	1423340	1623560	1623560
4	1254C3	10.40	10.40	10.40	567622	636740	636740
5	1254C4	11.25	11.26	11.26	1512096	1712204	1712204
6	1254C5	13.12	13.12	13.12	329949	352202	352202
7	DCB	17.08	17.08	17.08	1987507	23525	23525

********** Peaks Not Found In This Calibration. No Changes Made. **********

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
TCMX	2.92	1254C5

Method O:55PCD3 updated on disk. 08-16-1998 10:13:26 version: 3195

********** AUTOMATIC CALIBRATION UPDATE **********

Sample Name: AR1254 1.2 PC043D
Operator: TMC Date Taken: 08-15-1998 18:33:07
Date: 08-16-1998 Time: 10:13:28
Interface: 4 Cycle: 21
Method: O:55PCD3 Channel: 0
Vial: 0 Level 5
Today's Date: 08-16-1998 Time: 10:13:28
1 Area table file used in measured average:
O:55PCD21
Start delay: 0.00
Area reject: 2000.00 One sample per .5 sec.
Amount injected: 1.00 Std. Amt. Injected: 1.00

EXTERNAL STANDARD CALIBRATION

COMP NUM	NAME	OLD RET.TIME	MEASURED RET.TIME	NEW RET.TIME	OLD AREA	MEASURED AREA	NEW AREA
2	1254C1	7.97	7.97	7.97	1169690	1239610	1239610
3	1254C2	9.03	9.03	9.03	1753269	1846678	1846678
4	1254C3	10.40	10.41	10.41	678541	712221	712221
5	1254C4	11.26	11.26	11.26	1835740	1942394	1942394
6	1254C5	13.12	13.13	13.12	389927	395991	395991
7	DCB	17.08	17.08	17.08	2572508	31097	31097

********** Peaks Not Found In This Calibration. No Changes Made. **********

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
TCMX	2.92	1254C5

Method O:55PCD3 updated on disk. 08-16-1998 10:13:29 version: 3196

Method file name: O:55PCD4
Default Sample Name: 2
Operator: TMC
Date-time: 08-16-1998 10:19:20 version: 4206

ACQUISITION PARAMETERS

SINGLE OR DUAL CHANNEL (1 OR 2)	1.00
RUN TIME (minutes)	17.50
END TIME FOR PLOTS (default=RUN TIME)	17.50
SOLVENT DELAY TIME (minutes)	0.00
PEAK DETECTION THRESHOLD (microv/sec)	15.00
Area Threshold	1000.00
MINIMUM PEAK WIDTH (seconds)	5.00
TIME FOR ONE SAMPLE (seconds)	0.50
NUMBER OF REAL TIME CRT PAGES TO PLOT (0 TO 99)	1.00
REAL TIME PLOT FULL SCALE FOR CH.0 (millivolts)	200.00
REAL TIME FULL SCALE FOR CH.1 (millivolts)	200.00
HARD COPY REAL TIME PLOT	NO
AUTO ZERO REAL TIME PLOT	NO
RECORD AREA TABLES ON DISK	NO
RECORD RAW DATA	NO
NUMBER OF CRT PAGES FOR REPLOT (1 TO 99)	2.00
VERTICAL SCALE FACTOR FOR REPLOT (units of largest peak)	0.00
OFFSET FOR THE REPLOT (millivolts)	-99.00
PUT NAMES ON REPLOT?	YES
Horizontal Plotting?	NO
Formfeed after report	YES
Formfeed after plot	YES
PRINT AREA PERCENT REPORT	NO
PRINT EXTERNAL STANDARD REPORT	YES
PRINT INTERNAL STANDARD REPORT	NO
FINAL REPORT AREA REJECT (microvolt-sec)	2000.00
LINK TO USER PROGRAM	NO
FULL SCALE RANGE FOR A.D.C. (3=1VOLT, 1=2VOLT, 0=10VOLT)	0.00
AREA REJECT FOR REFERENCE PEAKS?	20000.00
% RET TIME WINDOW FOR REFERENCE PEAKS	1.00
RET TIME WINDOW IN SECONDS FOR REF. PEAKS	10.00
AREA OR PEAK HEIGHT QUANTITATION (0 OR 1)	0.00
PRINT GROUP REPORT	NO
NUMBER OF CALIBRATION LEVELS (1 TO 6)	5.00
LIST COMPONENTS NOT FOUND IN SAMPLE?	NO
INCLUDE UNKNOWN PEAKS IN REPORTS?	YES
UPDATE RESPONSE FACTORS WITH REPLACEMENT (0) OR AVERAGE (1)	1.00
DEFAULT DILUTION FACTOR	1.00
DEFAULT SAMPLE WEIGHT	1.00
DEFAULT AMOUNT INJECTED	1.00
DEFAULT AMOUNT OF INTERNAL STANDARD	0.00
PRINT GPC MW DISTRIBUTION	NO
PRINT SIMULATED DISTILLATION REPORT	NO

Response factor for unknowns= 0.0000E+00
Component Units = ug/ml

1 TCMX Ret. Time = 2.92 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 1.6%

AREA = 2.6058D+07 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9996

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	56756	0.00208	0.00000004
2	112499	0.00417	0.00000004
3	529622	0.02080	0.00000004
4	1101677	0.04170	0.00000004
5	1295108	0.05000	0.00000004

2 1242C1 Ret. Time = 4.45 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 1.1%
AREA = 3.5474D+05 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9952

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	26380	0.05000	0.00000190
2	43475	0.10000	0.00000230
3	191455	0.50000	0.00000261
4	363321	1.00000	0.00000275
5	411632	1.20000	0.00000292

3 1242C2 Ret. Time = 4.99 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 0.9%
AREA = 1.2261D+06 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9987

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	67727	0.05000	0.00000074
2	133793	0.10000	0.00000075
3	628602	0.50000	0.00000080
4	1253809	1.00000	0.00000080
5	1440513	1.20000	0.00000083

4 1242C3 Ret. Time = 5.22 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 0.8%
AREA = 4.8670D+05 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9931

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	46170	0.05000	0.00000108
2	66562	0.10000	0.00000150
3	260730	0.50000	0.00000192
4	497995	1.00000	0.00000201
5	564994	1.20000	0.00000212

5 1242C4 Ret. Time = 6.59 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 0.7%
AREA = 4.5437D+05 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9962

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	27553	0.05000	0.00000181
2	53639	0.10000	0.00000186
3	242100	0.50000	0.00000207
4	467450	1.00000	0.00000214
5	527246	1.20000	0.00000228

6 1242C5 Ret. Time = 7.85 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 0.6%
AREA = 5.3030D+05 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9969

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	30283	0.05000	0.00000165
2	62516	0.10000	0.00000160

3	274991	0.50000	0.00000182
4	548047	1.00000	0.00000182
5	616525	1.20000	0.00000195

7 DCB Ret. Time = 17.08 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 0.3%
AREA = 2.7264D+07 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9992

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	118094	0.00417	0.00000004
2	266888	0.00833	0.00000003
3	1127423	0.04170	0.00000004
4	2309823	0.08330	0.00000004
5	2694626	0.10000	0.00000004

Ev#	Time	Event	Description
1	0.00	PD-	Peak Detection (on/off)
2	2.50	PD+	Peak Detection (on/off)

********** AUTOMATIC CALIBRATION UPDATE **********

Sample Name: AR1242 .05 PC053D
Operator: TMC Date Taken: 08-15-1998 13:16:39
Date: 08-16-1998 Time: 10:16:56
Interface: 4 Cycle: 6
Method: O:55PCD4 Channel: 0
Vial: 0 Level 1
Today's Date: 08-16-1998 Time: 10:16:56
1 Area table file used in measured average:
O:55PCD6
Start delay: 0.00
Area reject: 2000.00 One sample per .5 sec.
Amount injected: 1.00 Std. Amt. Injected: 1.00
EXTERNAL STANDARD CALIBRATION

COMP NUM	NAME	OLD RET.TIME	MEASURED RET.TIME	NEW RET.TIME	OLD AREA	MEASURED AREA	NEW AREA
2	1242C1	4.45	4.45	4.45	24148	26380	26380
3	1242C2	4.99	4.99	4.99	56207	67727	67727
4	1242C3	5.21	5.22	5.22	39997	46170	46170
5	1242C4	6.58	6.59	6.59	20354	27553	27553
6	1242C5	7.84	7.84	7.84	26960	30283	30283
7	DCB	17.08	17.10	17.10	102207	30947	30947

********** Peaks Not Found In This Calibration. No Changes Made. **********

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
TCMX	2.92	DCB

Method O:55PCD4 updated on disk. 08-16-1998 10:16:56 version: 4201

********** AUTOMATIC CALIBRATION UPDATE **********

Sample Name: AR1242 0.1 PC054D
Operator: TMC Date Taken: 08-15-1998 14:38:49
Date: 08-16-1998 Time: 10:17:01
Interface: 4 Cycle: 10
Method: O:55PCD4 Channel: 0
Vial: 0 Level 2
Today's Date: 08-16-1998 Time: 10:17:01
1 Area table file used in measured average:
O:55PCD10
Start delay: 0.00
Area reject: 2000.00 One sample per .5 sec.
Amount injected: 1.00 Std. Amt. Injected: 1.00
EXTERNAL STANDARD CALIBRATION

COMP NUM	NAME	OLD RET.TIME	MEASURED RET.TIME	NEW RET.TIME	OLD AREA	MEASURED AREA	NEW AREA
2	1242C1	4.45	4.45	4.45	34313	43475	43475
3	1242C2	4.99	4.99	4.99	110880	133793	133793
4	1242C3	5.22	5.21	5.21	50881	66562	66562
5	1242C4	6.59	6.58	6.59	44129	53639	53639
6	1242C5	7.84	7.85	7.85	50697	62516	62516
7	DCB	17.10	17.09	17.10	191917	22175	22175

********** Peaks Not Found In This Calibration. No Changes Made. **********

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
TCMX	2.92	DCB

Method O:55PCD4 updated on disk. 08-16-1998 10:17:01 version: 4202

********** AUTOMATIC CALIBRATION UPDATE **********

Sample Name: AR1242 0.5 PC055D
Operator: TMC Date Taken: 08-15-1998 16:01:03
Date: 08-16-1998 Time: 10:17:05
Interface: 4 Cycle: 14
Method: O:55PCD4 Channel: 0
Vial: 0 Level 3
Today's Date: 08-16-1998 Time: 10:17:05
1 Area table file used in measured average:
O:55PCD14
Start delay: 0.00
Area reject: 2000.00 One sample per .5 sec.
Amount injected: 1.00 Std. Amt. Injected: 1.00
EXTERNAL STANDARD CALIBRATION

COMP NUM	NAME	OLD RET.TIME	MEASURED RET.TIME	NEW RET.TIME	OLD AREA	MEASURED AREA	NEW AREA
2	1242C1	4.45	4.45	4.45	160994	191455	191455
3	1242C2	4.99	4.99	4.99	527020	628602	628602
4	1242C3	5.21	5.22	5.21	218822	260730	260730
5	1242C4	6.59	6.59	6.59	202401	242100	242100
6	1242C5	7.85	7.85	7.85	233143	274991	274991
7	DCB	17.10	17.08	17.09	939406	5611	5611

********** Peaks Not Found In This Calibration. No Changes Made. **********

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
TCMX	2.92	DCB

Method O:55PCD4 updated on disk. 08-16-1998 10:17:05 version: 4203

********** AUTOMATIC CALIBRATION UPDATE **********

Sample Name: AR1242 1.0 PC056D
Operator: TMC Date Taken: 08-15-1998 17:31:16
Date: 08-16-1998 Time: 10:17:08
Interface: 4 Cycle: 18
Method: O:55PCD4 Channel: 0
Vial: 0 Level 4
Today's Date: 08-16-1998 Time: 10:17:08
1 Area table file used in measured average:
O:55PCD18
Start delay: 0.00
Area reject: 2000.00 One sample per .5 sec.
Amount injected: 1.00 Std. Amt. Injected: 1.00
EXTERNAL STANDARD CALIBRATION

COMP NUM	NAME	OLD RET.TIME	MEASURED RET.TIME	NEW RET.TIME	OLD AREA	MEASURED AREA	NEW AREA
2	1242C1	4.45	4.45	4.45	330274	363321	363321
3	1242C2	4.99	4.99	4.99	1135030	1253809	1253809
4	1242C3	5.21	5.22	5.22	452054	497995	497995
5	1242C4	6.59	6.59	6.59	421734	467450	467450
6	1242C5	7.85	7.84	7.84	498013	548047	548047
7	DCB	17.09	17.08	17.09	1987507	14442	14442

********** Peaks Not Found In This Calibration. No Changes Made. **********

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
TCMX	2.92	DCB

Method O:55PCD4 updated on disk. 08-16-1998 10:17:09 version: 4204

********** AUTOMATIC CALIBRATION UPDATE **********

Sample Name: AR1242 1.2 PC044D
Operator: TMC Date Taken: 08-15-1998 18:53:45
Date: 08-16-1998 Time: 10:17:12
Interface: 4 Cycle: 22
Method: O:55PCD4 Channel: 0
Vial: 0 Level 5
Today's Date: 08-16-1998 Time: 10:17:12
1 Area table file used in measured average:
O:55PCD22
Start delay: 0.00
Area reject: 2000.00 One sample per .5 sec.
Amount injected: 1.00 Std. Amt. Injected: 1.00

EXTERNAL STANDARD CALIBRATION

COMP NUM	NAME	OLD RET.TIME	MEASURED RET.TIME	NEW RET.TIME	OLD AREA	MEASURED AREA	NEW AREA
2	1242C1	4.45	4.45	4.45	390274	411632	411632
3	1242C2	4.99	4.99	4.99	1360770	1440513	1440513
4	1242C3	5.22	5.22	5.22	535666	564994	564994
5	1242C4	6.59	6.59	6.59	497425	527246	527246
6	1242C5	7.84	7.85	7.85	584794	616525	616525
7	DCB	17.09	17.09	17.09	2572508	6248	6248

********** Peaks Not Found In This Calibration. No Changes Made. **********

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
TCMX	2.92	DCB

Method O:55PCD4 updated on disk. 08-16-1998 10:17:12 version: 4205

Method file name: O:55PCD5
Default Sample Name: 2
Operator: DW/DGF
Date-time: 08-16-1998 10:32:31 version: 4601

ACQUISITION PARAMETERS

SINGLE OR DUAL CHANNEL (1 OR 2)	1.00
RUN TIME (minutes)	17.50
END TIME FOR PLOTS (default=RUN TIME)	17.50
SOLVENT DELAY TIME (minutes)	0.00
PEAK DETECTION THRESHOLD (microv/sec)	15.00
Area Threshold	1000.00
MINIMUM PEAK WIDTH (seconds)	5.00
TIME FOR ONE SAMPLE (seconds)	0.50
NUMBER OF REAL TIME CRT PAGES TO PLOT (0 TO 99)	1.00
REAL TIME PLOT FULL SCALE FOR CH.0 (millivolts)	200.00
REAL TIME FULL SCALE FOR CH.1 (millivolts)	200.00
HARD COPY REAL TIME PLOT	NO
AUTO ZERO REAL TIME PLOT	NO
RECORD AREA TABLES ON DISK	NO
RECORD RAW DATA	NO
NUMBER OF CRT PAGES FOR REPLOT (1 TO 99)	2.00
VERTICAL SCALE FACTOR FOR REPLOT (units of largest peak)	0.00
OFFSET FOR THE REPLOT (millivolts)	-99.00
PUT NAMES ON REPLOT?	YES
Horizontal Plotting?	NO
Formfeed after report	YES
Formfeed after plot	YES
PRINT AREA PERCENT REPORT	NO
PRINT EXTERNAL STANDARD REPORT	YES
PRINT INTERNAL STANDARD REPORT	NO
FINAL REPORT AREA REJECT (microvolt-sec)	2000.00
LINK TO USER PROGRAM	NO
FULL SCALE RANGE FOR A.D.C. (3=1VOLT, 1=2VOLT, 0=10VOLT)	0.00
AREA REJECT FOR REFERENCE PEAKS?	20000.00
% RET TIME WINDOW FOR REFERENCE PEAKS	1.00
RET TIME WINDOW IN SECONDS FOR REF. PEAKS	10.00
AREA OR PEAK HEIGHT QUANTITATION (0 OR 1)	0.00
PRINT GROUP REPORT	NO
NUMBER OF CALIBRATION LEVELS (1 TO 6)	5.00
LIST COMPONENTS NOT FOUND IN SAMPLE?	NO
INCLUDE UNKNOWN PEAKS IN REPORTS?	YES
UPDATE RESPONSE FACTORS WITH REPLACEMENT (0) OR AVERAGE (1)	1.00
DEFAULT DILUTION FACTOR	1.00
DEFAULT SAMPLE WEIGHT	1.00
DEFAULT AMOUNT INJECTED	1.00
DEFAULT AMOUNT OF INTERNAL STANDARD	0.00
PRINT GPC MW DISTRIBUTION	NO
PRINT SIMULATED DISTILLATION REPORT	NO

Response factor for unknowns= 0.0000E+00
Component Units = ug/ml

1 TCMX Ret. Time = 2.92 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 1.6%

AREA = 2.6058D+07 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9996

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	56756	0.00208	0.00000004
2	112499	0.00417	0.00000004
3	529622	0.02080	0.00000004
4	1101677	0.04170	0.00000004
5	1295108	0.05000	0.00000004

2 1221C1 Ret. Time = 3.14 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 1.5%
AREA = 2.1290D+05 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9915

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	11719	0.05000	0.00000427
2	25119	0.10000	0.00000398
3	115220	0.50000	0.00000434
4	224041	1.00000	0.00000446
5	242183	1.20000	0.00000495

3 1221C2 Ret. Time = 3.28 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 1.4%
AREA = 1.3252D+05 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9923

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	8350	0.05000	0.00000599
2	15459	0.10000	0.00000647
3	72452	0.50000	0.00000690
4	138257	1.00000	0.00000723
5	151416	1.20000	0.00000793

4 1221C3 Ret. Time = 3.38 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 1.4%
AREA = 5.6503D+05 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9929

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	30720	0.05000	0.00000163
2	65539	0.10000	0.00000153
3	302348	0.50000	0.00000165
4	593082	1.00000	0.00000169
5	645533	1.20000	0.00000186

5 1248C1 Ret. Time = 4.45 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 1.1%
AREA = 2.2066D+05 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9922

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	13135	0.05000	0.00000381
2	27464	0.10000	0.00000364
3	120550	0.50000	0.00000415
4	229959	1.00000	0.00000435
5	252255	1.20000	0.00000476

6 1248C2 Ret. Time = 5.00 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 0.9%
AREA = 1.2010D+06 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9948

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	67775	0.05000	0.00000074
2	135184	0.10000	0.00000074

3	633769	0.50000	0.00000079
4	1254276	1.00000	0.00000080
5	1381271	1.20000	0.00000087

7 1248C3 Ret. Time = 5.73 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 0.8%
AREA = 3.6620D+05 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9924

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	21685	0.05000	0.00000231
2	45402	0.10000	0.00000220
3	200229	0.50000	0.00000250
4	381230	1.00000	0.00000262
5	418908	1.20000	0.00000286

8 1248C4 Ret. Time = 6.59 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 0.7%
AREA = 7.9460D+05 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9929

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	47105	0.05000	0.00000106
2	93220	0.10000	0.00000107
3	433160	0.50000	0.00000115
4	827860	1.00000	0.00000121
5	909416	1.20000	0.00000132

9 1248C5 Ret. Time = 7.85 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 0.6%
AREA = 9.2820D+05 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9947

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	56035	0.05000	0.00000089
2	108130	0.10000	0.00000092
3	492785	0.50000	0.00000101
4	966343	1.00000	0.00000103
5	1068435	1.20000	0.00000112

10 1260C1 Ret. Time = 10.41 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 0.4%
AREA = 1.3044D+06 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9981

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	75479	0.05000	0.00000066
2	149785	0.10000	0.00000067
3	681640	0.50000	0.00000073
4	1330142	1.00000	0.00000075
5	1529596	1.20000	0.00000078

11 1260C2 Ret. Time = 11.26 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 0.1%
AREA = 2.1666D+06 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9994

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	111853	0.05000	0.00000045
2	226140	0.10000	0.00000044
3	1083853	0.50000	0.00000046
4	2205707	1.00000	0.00000045
5	2566253	1.20000	0.00000047

12 1260C3 Ret. Time = 12.44 min. Fit.type = 2

Ref. peak: DCB Int Std: DCB Window size: 0.4%
AREA = 8.1596D+05 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9969

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	47212	0.05000	0.00000106
2	95870	0.10000	0.00000104
3	436034	0.50000	0.00000115
4	833438	1.00000	0.00000120
5	951432	1.20000	0.00000126

13 1260C4 Ret. Time = 13.12 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 0.4%
AREA = 3.0586D+06 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9943

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	152140	0.05000	0.00000033
2	300802	0.10000	0.00000033
3	1552104	0.50000	0.00000032
4	3237355	1.00000	0.00000031
5	3512365	1.20000	0.00000034

14 1260C5 Ret. Time = 13.83 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 0.4%
AREA = 1.3896D+06 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9998

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	74785	0.05000	0.00000067
2	145451	0.10000	0.00000069
3	680162	0.50000	0.00000074
4	1396413	1.00000	0.00000072
5	1667185	1.20000	0.00000072

15 DCB Ret. Time = 17.08 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 0.3%
AREA = 2.7264D+07 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9992

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	118094	0.00417	0.00000004
2	266888	0.00833	0.00000003
3	1127423	0.04170	0.00000004
4	2309823	0.08330	0.00000004
5	2694626	0.10000	0.00000004

Ev#	Time	Event	Description
1	0.00	PD-	Peak Detection (on/off)
2	2.55	PD+	Peak Detection (on/off)

Method file name: O:55PCD6
Default Sample Name: 2
Operator: TMC
Date-time: 08-16-1998 09:19:07 version: 4494

ACQUISITION PARAMETERS

SINGLE OR DUAL CHANNEL (1 OR 2)	1.00
RUN TIME (minutes)	17.25
END TIME FOR PLOTS (default=RUN TIME)	17.25
SOLVENT DELAY TIME (minutes)	0.00
PEAK DETECTION THRESHOLD (microv/sec)	15.00
Area Threshold	1000.00
MINIMUM PEAK WIDTH (seconds)	5.00
TIME FOR ONE SAMPLE (seconds)	0.50
NUMBER OF REAL TIME CRT PAGES TO PLOT (0 TO 99)	1.00
REAL TIME PLOT FULL SCALE FOR CH.0 (millivolts)	200.00
REAL TIME FULL SCALE FOR CH.1 (millivolts)	200.00
HARD COPY REAL TIME PLOT	NO
AUTO ZERO REAL TIME PLOT	NO
RECORD AREA TABLES ON DISK	NO
RECORD RAW DATA	NO
NUMBER OF CRT PAGES FOR REPLOT (1 TO 99)	2.00
VERTICAL SCALE FACTOR FOR REPLOT (units of largest peak)	0.00
OFFSET FOR THE REPLOT (millivolts)	-50.00
PUT NAMES ON REPLOT?	YES
Horizontal Plotting?	NO
Formfeed after report	YES
Formfeed after plot	YES
PRINT AREA PERCENT REPORT	NO
PRINT EXTERNAL STANDARD REPORT	YES
PRINT INTERNAL STANDARD REPORT	NO
FINAL REPORT AREA REJECT (microvolt-sec)	5000.00
LINK TO USER PROGRAM	NO
FULL SCALE RANGE FOR A.D.C. (3=1VOLT, 1=2VOLT, 0=10VOLT)	0.00
AREA REJECT FOR REFERENCE PEAKS?	5000.00
% RET TIME WINDOW FOR REFERENCE PEAKS	1.00
RET TIME WINDOW IN SECONDS FOR REF. PEAKS	10.00
AREA OR PEAK HEIGHT QUANTITATION (0 OR 1)	0.00
PRINT GROUP REPORT	NO
NUMBER OF CALIBRATION LEVELS (1 TO 6)	3.00
LIST COMPONENTS NOT FOUND IN SAMPLE?	NO
INCLUDE UNKNOWN PEAKS IN REPORTS?	YES
UPDATE RESPONSE FACTORS WITH REPLACEMENT (0) OR AVERAGE (1)	1.00
DEFAULT DILUTION FACTOR	1.00
DEFAULT SAMPLE WEIGHT	1.00
DEFAULT AMOUNT INJECTED	1.00
DEFAULT AMOUNT OF INTERNAL STANDARD	0.00
PRINT GPC MW DISTRIBUTION	NO
PRINT SIMULATED DISTILLATION REPORT	NO

Response factor for unknowns= 0.0000E+00
Component Units = ug/ml

1 TCMX Ret. Time = 2.92 min. Fit.type = 2
Ref. peak: 1268C3 Int Std: DCB Window size: 1.8%

AREA = 2.6231D+07 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9994

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	56756	0.00208	0.00000004
2	529622	0.02080	0.00000004
3	1101677	0.04170	0.00000004

2 1232C1 Ret. Time = 4.46 min. Fit.type = 2
Ref. peak: 1268C3 Int Std: DCB Window size: 1.3%
AREA = 2.0163D+05 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9988

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	12310	0.05000	0.00000406
2	104279	0.50000	0.00000479
3	199787	1.00000	0.00000501

3 1232C2 Ret. Time = 4.99 min. Fit.type = 2
Ref. peak: 1268C3 Int Std: DCB Window size: 1.2%
AREA = 6.5831D+05 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9993

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	40642	0.05000	0.00000123
2	336471	0.50000	0.00000149
3	654261	1.00000	0.00000153

4 1232C3 Ret. Time = 5.22 min. Fit.type = 2
Ref. peak: 1268C3 Int Std: DCB Window size: 1.1%
AREA = 2.7846D+05 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9976

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	19566	0.05000	0.00000256
2	145228	0.50000	0.00000344
3	275184	1.00000	0.00000363

5 1232C4 Ret. Time = 6.59 min. Fit.type = 2
Ref. peak: 1268C3 Int Std: DCB Window size: 1.0%
AREA = 2.4036D+05 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9981

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	16258	0.05000	0.00000308
2	124863	0.50000	0.00000400
3	237806	1.00000	0.00000421

6 1232C5 Ret. Time = 7.85 min. Fit.type = 2
Ref. peak: 1268C3 Int Std: DCB Window size: 1.0%
AREA = 2.7255D+05 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9943

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	17444	0.05000	0.00000287
2	147650	0.50000	0.00000339
3	266674	1.00000	0.00000375

7 1268C1 Ret. Time = 11.75 min. Fit.type = 2
Ref. peak: 1268C3 Int Std: DCB Window size: 1.0%
AREA = 6.5708D+05 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9999

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	36656	0.05000	0.00000136
2	326394	0.50000	0.00000153
3	657965	1.00000	0.00000152

8 1268C2 Ret. Time = 12.66 min. Fit.type = 2
Ref. peak: 1268C3 Int Std: DCB Window size: 1.0%
AREA = 1.0729D+06 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9994

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	62857	0.05000	0.00000080
2	523579	0.50000	0.00000095
3	1078883	1.00000	0.00000093

9 1268C3 Ret. Time = 14.74 min. Fit.type = 2
Ref. peak: 1268C3 Int Std: DCB Window size: 1.0%
AREA = 4.1770D+06 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9748

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	202569	0.05000	0.00000025
2	2470902	0.50000	0.00000020
3	3986085	1.00000	0.00000025

2%

10 1268C4 Ret. Time = 14.94 min. Fit.type = 2
Ref. peak: 1268C3 Int Std: DCB Window size: 1.0%
AREA = 1.0170D+06 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9816

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	43100	0.05000	0.00000116
2	420702	0.50000	0.00000119
3	1061336	1.00000	0.00000094

12%

11 1268C5 Ret. Time = 15.24 min. Fit.type = 2
Ref. peak: 1268C3 Int Std: DCB Window size: 1.0%
AREA = 1.1553D+06 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9874

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	71686	0.05000	0.00000070
2	497802	0.50000	0.00000100
3	1194515	1.00000	0.00000084

18%

12 DCB Ret. Time = 17.08 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 0.3%
AREA = 2.7592D+07 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9997

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	118094	0.00417	0.00000004
2	1127423	0.04170	0.00000004
3	2309823	0.08330	0.00000004

Ev#	Time	Event	Description
1	0.00	PD-	Peak Detection (on/off)
2	2.25	PD+	Peak Detection (on/off)

********** AUTOMATIC CALIBRATION UPDATE **********

Sample Name: AR3268 .05 PC061D
Operator: TMC Date Taken: 08-15-1998 19:55:41
Date: 08-16-1998 Time: 09:11:35
Interface: 4 Cycle: 25
Method: O:55PCD6 Channel: 0
Vial: 0 Level 1
Today's Date: 08-16-1998 Time: 09:11:35
1 Area table file used in measured average:
O:55PCD25
Start delay: 0.00
Area reject: 5000.00 One sample per .5 sec.
Amount injected: 1.00 Std. Amt. Injected: 1.00

EXTERNAL STANDARD CALIBRATION

COMP NUM	NAME	OLD RET.TIME	MEASURED RET.TIME	NEW RET.TIME	OLD AREA	MEASURED AREA	NEW AREA
2	1232C1	4.45	4.45	4.45	12299	12310	12310
3	1232C2	4.99	4.99	4.99	36301	40642	40642
4	1232C3	5.21	5.22	5.22	21189	19566	19566
5	1232C4	6.59	6.59	6.59	12355	16258	16258
6	1232C5	7.84	7.85	7.85	17978	17444	17444
7	1268C1	11.74	11.74	11.74	41866	36656	36656
8	1268C2	12.66	12.66	12.66	61016	62857	62857
9	1268C3	14.73	14.75	14.75	226656	202569	202569
10	1268C4	14.93	14.93	14.93	54253	43100	43100
11	1268C5	15.22	15.23	15.23	55007	71686	71686
12	DCB	17.03	17.08	17.08	147825	110793	110793

********** Peaks Not Found In This Calibration. No Changes Made. **********

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
TCMX	2.91	1268C3

Method O:55PCD6 updated on disk. 08-16-1998 09:11:36 version: 4491

********** AUTOMATIC CALIBRATION UPDATE **********

Sample Name: AR3268 0.5 PC060D
Operator: TMC Date Taken: 08-15-1998 20:16:17
Date: 08-16-1998 Time: 09:11:39
Interface: 4 Cycle: 26
Method: O:55PCD6 Channel: 0
Vial: 0 Level 2
Today's Date: 08-16-1998 Time: 09:11:39
1 Area table file used in measured average:
O:55PCD26
Start delay: 0.00
Area reject: 5000.00 One sample per .5 sec.
Amount injected: 1.00 Std. Amt. Injected: 1.00

EXTERNAL STANDARD CALIBRATION

COMP NUM	NAME	OLD RET.TIME	MEASURED RET.TIME	NEW RET.TIME	OLD AREA	MEASURED AREA	NEW AREA
2	1232C1	4.45	4.46	4.45	111830	104279	104279
3	1232C2	4.99	4.99	4.99	354698	336471	336471
4	1232C3	5.22	5.22	5.22	157566	145228	145228

5	1232C4	6.59	6.59	6.59	130877	124863	124863
6	1232C5	7.85	7.85	7.85	140640	147650	147650
7	1268C1	11.74	11.75	11.75	331717	326394	326394
8	1268C2	12.66	12.67	12.66	686180	523579	523579
9	1268C3	14.75	14.76	14.75	2531336	2470902	2470902
10	1268C4	14.93	14.94	14.94	428946	420702	420702
11	1268C5	15.23	15.23	15.23	505462	497802	497802
12	DCB	17.08	17.08	17.08	1435997	916104	916104

********** Peaks Not Found In This Calibration. No Changes Made. **********

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
TCMX	2.91	1268C3

Method O:55PCD6 updated on disk. 08-16-1998 09:11:40 version: 4492

********** AUTOMATIC CALIBRATION UPDATE **********

Sample Name: AR3268 1.0 PC059D
Operator: TMC Date Taken: 08-15-1998 20:36:48
Date: 08-16-1998 Time: 09:11:49
Interface: 4 Cycle: 27
Method: O:55PCD6 Channel: 0
Vial: 0 Level 3
Today's Date: 08-16-1998 Time: 09:11:50
1 Area table file used in measured average:
O:55PCD27
Start delay: 0.00
Area reject: 5000.00 One sample per .5 sec.
Amount injected: 1.00 Std. Amt. Injected: 1.00

EXTERNAL STANDARD CALIBRATION

COMP NUM	NAME	OLD RET.TIME	MEASURED RET.TIME	NEW RET.TIME	OLD AREA	MEASURED AREA	NEW AREA
2	1232C1	4.45	4.46	4.46	216284	199787	199787
3	1232C2	4.99	4.99	4.99	704136	654261	654261
4	1232C3	5.22	5.22	5.22	290853	275184	275184
5	1232C4	6.59	6.59	6.59	254758	237806	237806
6	1232C5	7.85	7.85	7.85	284401	266674	266674
7	1268C1	11.75	11.75	11.75	670591	657965	657965
8	1268C2	12.66	12.67	12.66	1324603	1078883	1078883
9	1268C3	14.75	14.73	14.74	3878408	3986085	3986085
10	1268C4	14.94	14.94	14.94	1010653	1061336	1061336
11	1268C5	15.23	15.24	15.24	1145612	1194515	1194515
12	DCB	17.08	17.08	17.08	3721207	2086368	2086368

********** Peaks Not Found In This Calibration. No Changes Made. **********

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
TCMX	2.91	1268C3

Method O:55PCD6 updated on disk. 08-16-1998 09:11:50 version: 4493

Method file name: O:55PCD7
Default Sample Name: 2
Operator: TMC
Date-time: 08-16-1998 09:25:02 version: 3171

ACQUISITION PARAMETERS

SINGLE OR DUAL CHANNEL (1 OR 2)	1.00
RUN TIME (minutes)	18.50
END TIME FOR PLOTS (default=RUN TIME)	18.50
SOLVENT DELAY TIME (minutes)	0.00
PEAK DETECTION THRESHOLD (microv/sec)	15.00
Area Threshold	1000.00
MINIMUM PEAK WIDTH (seconds)	5.00
TIME FOR ONE SAMPLE (seconds)	0.50
NUMBER OF REAL TIME CRT PAGES TO PLOT (0 TO 99)	1.00
REAL TIME PLOT FULL SCALE FOR CH.0 (millivolts)	200.00
REAL TIME FULL SCALE FOR CH.1 (millivolts)	200.00
HARD COPY REAL TIME PLOT	NO
AUTO ZERO REAL TIME PLOT	NO
RECORD AREA TABLES ON DISK	NO
RECORD RAW DATA	NO
NUMBER OF CRT PAGES FOR REPLOT (1 TO 99)	2.00
VERTICAL SCALE FACTOR FOR REPLOT (units of largest peak)	0.00
OFFSET FOR THE REPLOT (millivolts)	-75.00
PUT NAMES ON REPLOT?	YES
Horizontal Plotting?	NO
Formfeed after report	YES
Formfeed after plot	YES
PRINT AREA PERCENT REPORT	NO
PRINT EXTERNAL STANDARD REPORT	YES
PRINT INTERNAL STANDARD REPORT	NO
FINAL REPORT AREA REJECT (microvolt-sec)	15000.00
LINK TO USER PROGRAM	NO
FULL SCALE RANGE FOR A.D.C. (3=1VOLT, 1=2VOLT, 0=10VOLT)	0.00
AREA REJECT FOR REFERENCE PEAKS?	20000.00
% RET TIME WINDOW FOR REFERENCE PEAKS	1.00
RET TIME WINDOW IN SECONDS FOR REF. PEAKS	10.00
AREA OR PEAK HEIGHT QUANTITATION (0 OR 1)	0.00
PRINT GROUP REPORT	NO
NUMBER OF CALIBRATION LEVELS (1 TO 6)	3.00
LIST COMPONENTS NOT FOUND IN SAMPLE?	NO
INCLUDE UNKNOWN PEAKS IN REPORTS?	YES
UPDATE RESPONSE FACTORS WITH REPLACEMENT (0) OR AVERAGE (1)	1.00
DEFAULT DILUTION FACTOR	1.00
DEFAULT SAMPLE WEIGHT	1.00
DEFAULT AMOUNT INJECTED	1.00
DEFAULT AMOUNT OF INTERNAL STANDARD	0.00
PRINT GPC MW DISTRIBUTION	NO
PRINT SIMULATED DISTILLATION REPORT	NO

Response factor for unknowns= 0.0000E+00
Component Units = ug/ml

1 TCMX Ret. Time = 2.92 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 1.8%

AREA = 2.6231D+07 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9994

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	56756	0.00208	0.00000004
2	529622	0.02080	0.00000004
3	1101677	0.04170	0.00000004

2 1262C1 Ret. Time = 9.38 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 0.7%
AREA = 4.3366D+05 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9995

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	27658	0.05000	0.00000181
2	218536	0.50000	0.00000229
3	432510	1.00000	0.00000231

3 1262C2 Ret. Time = 9.72 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 0.6%
AREA = 7.2611D+05 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9996

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	45761	0.05000	0.00000109
2	363935	0.50000	0.00000137
3	725192	1.00000	0.00000138

4 1262C3 Ret. Time = 10.41 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 0.6%
AREA = 9.3852D+05 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9999

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	50011	0.05000	0.00000100
2	463126	0.50000	0.00000108
3	941433	1.00000	0.00000106

5 1262C4 Ret. Time = 12.44 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 0.5%
AREA = 1.1774D+06 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9987

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	59757	0.05000	0.00000084
2	562883	0.50000	0.00000089
3	1190307	1.00000	0.00000084

6 1262C5 Ret. Time = 13.13 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 0.5%
AREA = 3.7524D+06 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9997

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	184119	0.05000	0.00000027
2	1912393	0.50000	0.00000026
3	3734507	1.00000	0.00000027

7 DCB Ret. Time = 17.08 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 0.3%
AREA = 2.7592D+07 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9997

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	118094	0.00417	0.00000004
2	1127423	0.04170	0.00000004
3	2309823	0.08330	0.00000004

Ev#	Time	Event	Description
1	0.00	PD-	Peak Detection (on/off)
2	2.25	PD+	Peak Detection (on/off)

********** AUTOMATIC CALIBRATION UPDATE **********

Sample Name: AR1262 .05 PC064D
Operator: TMC Date Taken: 08-15-1998 20:57:25
Date: 08-16-1998 Time: 09:12:15
Interface: 4 Cycle: 28
Method: O:55PCD7 Channel: 0
Vial: 0 Level 1
Today's Date: 08-16-1998 Time: 09:12:16
1 Area table file used in measured average:
O:55PCD28
Start delay: 0.00
Area reject: 15000.00 One sample per .5 sec.
Amount injected: 1.00 Std. Amt. Injected: 1.00
EXTERNAL STANDARD CALIBRATION

COMP NUM	NAME	OLD RET.TIME	MEASURED RET.TIME	NEW RET.TIME	OLD AREA	MEASURED AREA	NEW AREA
2	1262C1	9.37	9.38	9.38	27406	27658	27658
3	1262C2	9.71	9.72	9.72	45126	45761	45761
4	1262C3	10.40	10.41	10.41	52235	50011	50011
5	1262C4	12.43	12.44	12.44	67513	59757	59757
7	DCB	17.03	17.08	17.08	147825	49935	49935

********** Peaks Not Found In This Calibration. No Changes Made. **********

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
TCMX	2.91	DCB
1262C5	12.87	DCB

Method O:55PCD7 updated on disk. 08-16-1998 09:12:16 version: 3165

********** AUTOMATIC CALIBRATION UPDATE **********

Sample Name: AR1262 1.0 PC063D
Operator: TMC Date Taken: 08-15-1998 21:17:59
Date: 08-16-1998 Time: 09:12:20
Interface: 4 Cycle: 29
Method: O:55PCD7 Channel: 0
Vial: 0 Level 2
Today's Date: 08-16-1998 Time: 09:12:20
1 Area table file used in measured average:
O:55PCD29
Start delay: 0.00
Area reject: 15000.00 One sample per .5 sec.
Amount injected: 1.00 Std. Amt. Injected: 1.00
EXTERNAL STANDARD CALIBRATION

COMP NUM	NAME	OLD RET.TIME	MEASURED RET.TIME	NEW RET.TIME	OLD AREA	MEASURED AREA	NEW AREA
2	1262C1	9.38	9.38	9.38	257836	218536	218536
3	1262C2	9.72	9.73	9.72	429050	363935	363935
4	1262C3	10.41	10.41	10.41	550418	463126	463126
5	1262C4	12.44	12.44	12.44	641994	562883	562883
6	1262C5	12.87	12.88	12.87	94544	72538	72538
7	DCB	17.08	17.08	17.08	1435997	28418	28418

********** Peaks Not Found In This Calibration. No Changes Made. **********

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
TCMX	2.91	DCB

Method O:55PCD7 updated on disk. 08-16-1998 09:12:20 version: 3166

********** AUTOMATIC CALIBRATION UPDATE **********

Sample Name: AR1262 1.0 PC062D
Operator: TMC Date Taken: 08-15-1998 21:38:37
Date: 08-16-1998 Time: 09:12:24
Interface: 4 Cycle: 30
Method: O:55PCD7 Channel: 0
Vial: 0 Level 3
Today's Date: 08-16-1998 Time: 09:12:24
1 Area table file used in measured average:
O:55PCD30
Start delay: 0.00
Area reject: 15000.00 One sample per .5 sec.
Amount injected: 1.00 Std. Amt. Injected: 1.00

EXTERNAL STANDARD CALIBRATION

COMP NUM	NAME	OLD RET.TIME	MEASURED RET.TIME	NEW RET.TIME	OLD AREA	MEASURED AREA	NEW AREA
2	1262C1	9.38	9.38	9.38	505082	432510	432510
3	1262C2	9.72	9.73	9.72	842346	725192	725192
4	1262C3	10.41	10.41	10.41	1107009	941433	941433
5	1262C4	12.44	12.44	12.44	1347359	1190307	1190307
6	1262C5	12.87	12.88	12.87	158701	145629	145629
7	DCB	17.08	17.08	17.08	3721207	27154	27154

********** Peaks Not Found In This Calibration. No Changes Made. **********

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
TCMX	2.91	DCB

Method O:55PCD7 updated on disk. 08-16-1998 09:12:26 version: 3167

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Retention Time Window Analysis
PCB's

Instrument I.D.: 3400 A/B
Column I.D.: XTI-5
Study Date: 1/17/98

FILE:	4PCD10	4PCD83	4PCD156					
Compound	Retention Time #1 (Minutes)	Retention Time #2 (Minutes)	Retention Time #3 (Minutes)	Retention Time Average (Minutes)	Retention Time STD (Minutes)	3 x STD (Minutes)	3 second Window (%)	Retention Time Window (%)
1221 C1	3.300	3.292	3.300	3.297	0.005	0.014	1.516	1.516
1221 C2	3.450	3.450	3.450	3.450	0.000	0.000	1.449	1.449
1221 C3	3.550	3.550	3.550	3.550	0.000	0.000	1.408	1.408

Note All calculations utilize the full precision available on both EXCEL 5.0 and the Nelson 2600 chromatography system, displayed final values may differ slightly from those obtained utilizing displayed values as input

A three second window is generated (as a percent of the average retention time) along with three times the standard deviation, the retention time window (%) is the greater of the two

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Retention Time Window Analysis
PCB's

Instrument I.D.: 3400-A/B
Column I.D.: XTI-5
Study Date: 1/17/98

FILE:	4PCD10	4PCD83	4PCD156					
Compound	Retention Time #1 (Minutes)	Retention Time #2 (Minutes)	Retention Time #3 (Minutes)	Retention Time Average (Minutes)	Retention Time STD (Minutes)	3 x STD (Minutes)	3 second Window (%)	Retention Time Window (%)
1248 C1	4.658	4.658	4.658	4.658	0.000	0.000	1.073	1.073
1248 C2	5.442	5.442	5.442	5.442	0.000	0.000	0.919	0.919
1248 C3	6.517	6.508	6.508	6.511	0.005	0.016	0.768	0.768
1248 C4	6.842	6.842	6.842	6.842	0.000	0.000	0.731	0.731
1248 C5	8.117	8.117	8.117	8.117	0.000	0.000	0.616	0.616

Note: All calculations utilize the full precision available on both EXCEL 5.0 and the Nelson 2600 chromatography system, displayed final values may differ slightly from those obtained utilizing displayed values as input.

A three second window is generated (as a percent of the average retention time) along with three times the standard deviation, the retention time window (%) is the greater of the two.

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Retention Time Window Analysis
PCB's

Instrument I.D.: 3400-A/B
Column I.D.: XTI-5
Study Date: 1/17/98

FILE:	4PCD11	4PCD84	4PCD157					
Compound	Retention Time #1 (Minutes)	Retention Time #2 (Minutes)	Retention Time #3 (Minutes)	Retention Time Average (Minutes)	Retention Time STD (Minutes)	3 x STD (Minutes)	3 second Window (%)	Retention Time Window (%)
1016 C1	4.667	4.658	4.667	4.664	0.005	0.016	1.072	1.072
1016 C2	5.442	5.442	5.442	5.442	0.000	0.000	0.919	0.919
1016 C3	5.625	5.625	5.625	5.625	0.000	0.000	0.889	0.889
1016 C4	6.517	6.508	6.517	6.514	0.005	0.016	0.768	0.768
1016 C5	6.842	6.842	6.842	6.842	0.000	0.000	0.731	0.731

Note All calculations utilize the full precision available on both EXCEL 5.0 and the Nelson 2600 chromatography system, displayed final values may differ slightly from those obtained utilizing displayed values as input

A three second window is generated (as a percent of the average retention times along with three times the standard deviation, the retention time window (%) is the greater of the two

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Retention Time Window Analysis
PCB's

Instrument I.D.: 3400-A/B
Column I.D.: XTI-5
Study Date: 1/17/98

FILE:	4PCD11	4PCD84	4PCD157					
Compound	Retention Time #1 (Minutes)	Retention Time #2 (Minutes)	Retention Time #3 (Minutes)	Retention Time Average (Minutes)	Retention Time STD (Minutes)	3 x STD (Minutes)	3 second Window (%)	Retention Time Window (%)
1260 C1	11.550	11.542	11.550	11.547	0.005	0.014	0.433	0.433
1260 C2	12.042	12.033	12.042	12.039	0.005	0.016	0.415	0.415
1260 C3	12.700	12.692	12.700	12.697	0.005	0.014	0.394	0.394
1260 C4	13.367	13.350	13.367	13.361	0.010	0.029	0.371	0.374
1260 C5	14.058	14.042	14.058	14.053	0.009	0.028	0.356	0.356

Note: All calculations utilize the full precision available on both EXCEL 5.0 and the Nelson 2600 chromatography system, displayed final values may differ slightly from those obtained utilizing displayed values as input.

A three second window is generated (as a percent of the average retention time) along with three times the standard deviation, the retention time window (%) is the greater of the two.

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Retention Time Window Analysis
PCB's

Instrument I.D.: 3400-A/B
Column I.D.: XTI-5
Study Date: 1/17/98

FILE:	4PCD12	4PCD85	4PCD158					
Compound	Retention Time #1 (Minutes)	Retention Time #2 (Minutes)	Retention Time #3 (Minutes)	Retention Time Average (Minutes)	Retention Time STD (Minutes)	3 x STD (Minutes)	3 second Window (%)	Retention Time Window (%)
TCMX	3.067	3.067	3.067	3.067	0.000	0.000	1.630	1.630
1254 C1	8.250	8.242	8.233	8.242	0.009	0.026	0.607	0.607
1254 C2	9.033	9.025	9.017	9.025	0.008	0.024	0.554	0.554
1254 C3	10.058	10.050	10.042	10.050	0.008	0.024	0.498	0.498
1254 C4	10.867	10.858	10.850	10.858	0.009	0.026	0.460	0.460
1254 C5	11.558	11.550	11.542	11.550	0.008	0.024	0.433	0.433
DCB	17.417	17.408	17.400	17.408	0.009	0.026	0.287	0.287

Note: All calculations utilize the full precision available on both EXCEL 5.0 and the Nelson 2600 chromatography system, displayed final values may differ slightly from those obtained utilizing displayed values as input.

A three second window is generated (as a percent of the average retention time) along with three times the standard deviation, the retention time window (%) is the greater of the two.

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Continuing Calibration Report
Method 8080 (PCB)

ICV

Compound	Continuing Calibration (ug/ml)	Percent Difference (%)
TCMX		
AROCLOR 1221		
AROCLOR 1016	0.5484	9.7
AROCLOR 1248		
AROCLOR 1254		
AROCLOR 1260	0.5183	3.7
DCB		

Percent outside QC windows

* = values outside quality control windows.
QC window = 15 %.

Standards	Data Files	Date	Time
AR2148			
AR1660	55PCD24	08/15/98	19:34:59
AR1254			

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Continuing Calibration Report
Method 8080 (PCB)

Compound	Continuing Calibration (ug/ml)	Percent Difference (%)
TCMX	0.0190	-8.6
AROCLOR 1221	0.5075	1.5
AROCLOR 1016	0.5026	0.5
AROCLOR 1242	0.5151	3.0
AROCLOR 1248	0.5072	1.4
AROCLOR 1254	0.4992	-2.2
AROCLOR 1260	0.4844	-3.1
DCB	0.0419	0.5

Percent outside QC windows 0

* = values outside quality control windows.
QC window = 15 %.

Standards	Data Files	Date	Time
AR2148	55PCD131	08/18/98	16:16:56
AR1660	55PCD132	08/18/98	16:37:39
AR1254	55PCD133	08/18/98	16:58:19
AR1242	55PCD134	08/18/98	17:19:01

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Continuing Calibration Report
Method 8080 (PCB)

Compound	Continuing Calibration (ug/ml)	Percent Difference (%)
TCMX	0.0176	-14
AROCLOR 1221	0.4883	-2.3
AROCLOR 1016	0.4703	-5.9
AROCLOR 1242	0.4938	-1.2
AROCLOR 1248	0.4837	-3.3
AROCLOR 1254	0.4587	-8.2
AROCLOR 1260	0.4491	-10.2
DCB	0.0393	-5.8
Percent outside QC windows		0

* = values outside quality control windows.
QC window = 15 %.

Standards	Data Files	Date	Time
AR2148	55PCD156	08/19/98	02:17:11
AR1660	55PCD157	08/19/98	02:37:42
AR1254	55PCD158	08/19/98	02:58:20
AR1242	55PCD159	08/19/98	03:18:54

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Continuing Calibration Report
Method 8080 (PCB)

Compound	Continuing Calibration (ug/ml)	Percent Difference (%)
TCMX	0.0192	-7.7
AROCLOR 1221	0.5676	14
AROCLOR 1016	0.5058	1.2
AROCLOR 1242	0.5191	3.8
AROCLOR 1248	0.5573	11
AROCLOR 1254	0.4938	-1.2
AROCLOR 1260	0.4721	-5.6
DCB	0.0404	-3.1
Percent outside QC windows		0

* = values outside quality control windows.
QC window = 15 %.

Standards	Data Files	Date	Time
AR2148	55PCD160	08/19/98	17:27:12
AR1660	55PCD161	08/19/98	17:47:46
AR1254	55PCD162	08/19/98	18:08:16
AR1242	55PCD163	08/19/98	18:28:58

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Continuing Calibration Report
Method 8080 (PCB)

Compound	Continuing Calibration (ug/ml)	Percent Difference (%)
TCMX	0.0189	-9.1
AROCLOR 1221	0.5084	1.7
AROCLOR 1016	0.4869	-2.6
AROCLOR 1242	0.5065	1.3
AROCLOR 1248	0.5089	1.8
AROCLOR 1254	0.4871	-2.6
AROCLOR 1260	0.4664	-6.7
DCB	0.0414	-0.7
Percent outside QC windows		0

* = values outside quality control windows.
QC window = 15 %.

Standards	Data Files	Date	Time
AR2148	55PCD176	08/20/98	00:01:35
AR1660	55PCD177	08/20/98	00:22:09
AR1254	55PCD178	08/20/98	02:05:11
AR1242	55PCD179	08/20/98	01:03:22

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Continuing Calibration Report
Method 8080 (PCB)

Compound	Continuing Calibration (ug/ml)	Percent Difference (%)
TCMX	0.0184	-12
AROCLOR 1221	0.5147	2.9
AROCLOR 1016	0.4979	-0.4
AROCLOR 1242	0.5172	3.4
AROCLOR 1248	0.5130	2.6
AROCLOR 1254	0.4740	-4.6
AROCLOR 1260	0.4765	-4.7
DCB	0.0412	-1.2
Percent outside QC windows		0

* = values outside quality control windows.
QC window = 15 %.

Standards	Data Files	Date	Time
AR2148	55PCD180	08/20/98	01:23:58
AR1660	55PCD181	08/20/98	01:44:35
AR1254	55PCD182	08/20/98	00:42:46
AR1242	55PCD183	08/20/98	02:25:48

File Saved as: 55PCD19.CON

******* EXTERNAL STANDARD TABLE *******

********** 08-16-1998 09:02:43 Version 5.1.5 **********

* Sample Name: AR2148 .05 PC045D Data File: O:55PCD3 *

* Date: 08-15-1998 12:14:46 Method: O:55PCD1 08-12-1998 19:21:58 # 4575*

* Interface: 4 Cycle#: 3 Operator TMC Channel#: 0 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

* Instrument Type: 3400-A/B Column Type: XTI-5 30M 0.53 1.0um *

* Solvent Description: *

* Conditions: 210 3.5H 260 @6/M H0 295 @15/M H4.34 *

* Detector 0: A4 R1 Detector 1: *

* Misc. Information: INJ-240,DET-310,4.0UL INJ *

****

Starting Delay: 0.00 Ending retention time: 17.50

Area reject: 2000 One sample per 0.500 sec.

Amount injected: 1.00 Dilution factor: 1.00

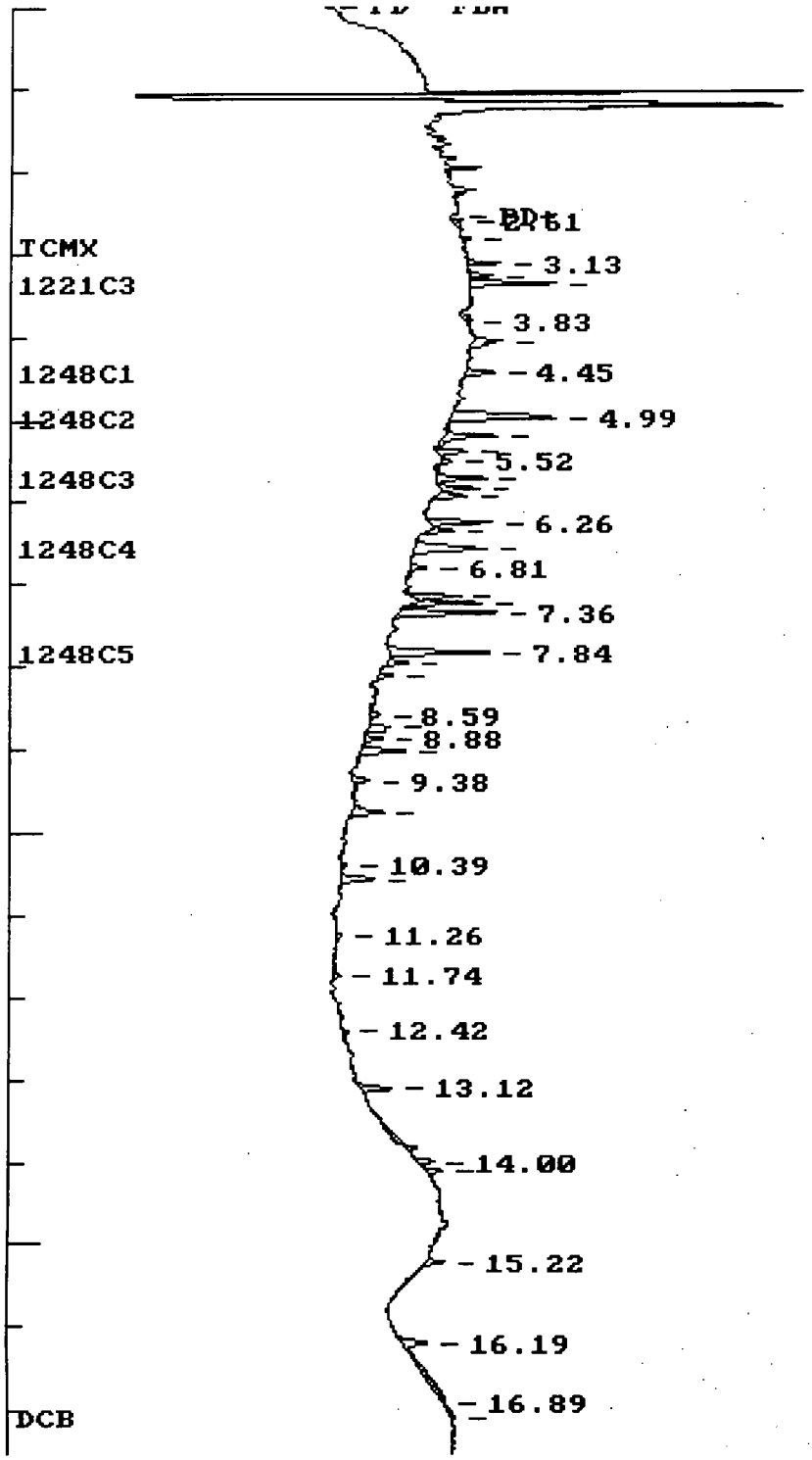
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	2.608		0.0000	0.0000%	5450	1569	3.5	1			0.0000E+00
2	2.833		0.0000	0.0000%	2396	1123	2.1	1			0.0000E+00
3	3.133	1221C1	0.0604	11.7636%	11719	4626	2.5	1	0	0	5.1573E-06
4	3.275	1221C2	0.0686	13.3611%	8350	3440	2.4	1	0	0	8.2206E-06
5	3.375	1221C3	0.0598	11.6446%	30720	11712	2.6	1	0	0	1.9475E-06
6	3.825		0.0000	0.0000%	5282	763	6.9	1			0.0000E+00
7	4.067		0.0000	0.0000%	18424	4278	4.3	1			0.0000E+00
8	4.450	1248C1	0.0659	12.8363%	13135	4032	3.3	1	0	0	5.0207E-06
9	4.992	1248C2	0.0626	12.1927%	67775	14427	4.7	1	0	0	9.2426E-07
10	5.208		0.0000	0.0000%	29346	7469	3.9	1			0.0000E+00
11	5.392		0.0000	0.0000%	12491	4178	3.0	1			0.0000E+00
12	5.517		0.0000	0.0000%	2557	1557	1.6	1			0.0000E+00
13	5.725	1248C3	0.0647	12.6015%	21685	6612	3.3	1	0	0	2.9856E-06
14	5.842		0.0000	0.0000%	13428	5075	2.6	1			0.0000E+00
15	5.933		0.0000	0.0000%	13302	3808	3.5	1			0.0000E+00
16	6.258		0.0000	0.0000%	25501	8513	3.0	1			0.0000E+00
17	6.358		0.0000	0.0000%	10261	3468	3.0	1			0.0000E+00
18	6.583	1248C4	0.0655	12.7499%	47105	9930	4.7	1	0	0	1.3906E-06
19	6.808		0.0000	0.0000%	8575	2385	3.6	1			0.0000E+00
20	7.158		0.0000	0.0000%	16500	6033	2.7	1			0.0000E+00
21	7.242		0.0000	0.0000%	25632	9217	2.8	1			0.0000E+00
22	7.358		0.0000	0.0000%	45805	13357	3.4	1			0.0000E+00
23	7.842	1248C5	0.0658	12.8144%	56035	13838	4.0	1	0	-.0066	1.1749E-06
24	7.975		0.0000	0.0000%	9768	3058	3.2	1			0.0000E+00
25	8.125		0.0000	0.0000%	7711	2191	3.5	1			0.0000E+00
26	8.592		0.0000	0.0000%	4889	1405	3.5	1			0.0000E+00
27	8.742		0.0000	0.0000%	10773	3112	3.5	1			0.0000E+00
28	8.875		0.0000	0.0000%	8622	2451	3.5	1			0.0000E+00
29	9.033		0.0000	0.0000%	22660	6058	3.7	1			0.0000E+00
30	9.383		0.0000	0.0000%	10354	2336	4.4	1			0.0000E+00
31	9.767		0.0000	0.0000%	19343	4559	4.2	1			0.0000E+00
32	10.392		0.0000	0.0000%	3071	903	3.4	1			0.0000E+00
33	10.575		0.0000	0.0000%	18991	4705	4.0	1			0.0000E+00
34	11.258		0.0000	0.0000%	3130	801	3.9	1			0.0000E+00
35	11.742		0.0000	0.0000%	3513	920	3.8	1			0.0000E+00
36	12.417		0.0000	0.0000%	2791	734	3.8	1			0.0000E+00
37	13.117		0.0000	0.0000%	15159	4318	3.5	1			0.0000E+00
39	14.000		0.0000	0.0000%	6139	2107	2.9	1			0.0000E+00

40	14.117	0.0000	0.0000%	7647	2292	3.3	1			0.0000E+00
41	15.217	0.0000	0.0000%	10340	2496	4.1	1			0.0000E+00
42	16.192	0.0000	0.0000%	13338	3395	3.9	1			0.0000E+00
43	16.892	0.0000	0.0000%	18404	441	41.7	1			0.0000E+00
44	17.083 DCB	0.0002	0.0359%	4556	622	7.3	1	0	0	4.0440E-08

TOTAL AMOUNT = 0.5138

Areas, times, and heights stored in: O:55PCD3.ATB
Data File = O:55PCD3.PTS Printed on 08-16-1998 at 09:02:45
Start time: 0.00 min. Stop time: 17.50 min. Offset: -99 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-16-1998 09:02:49 Version 5.1.5 **********

* Sample Name: AR1660 .05 PC038D Data File: O:55PCD4 *
* Date: 08-15-1998 12:35:25 Method: O:55PCD2 08-12-1998 19:17:58 # 4475*
* Interface: 4 Cycle#: 4 Operator TMC Channel#: 0 Vial#: N.A. *
* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

* Instrument Type: 3400-A/B Column Type: XTI-5 30M 0.53 1.0um *
* Solvent Description: *
* Conditions: 210 3.5H 260 @6/M H0 295 @15/M H4.34 *
* Detector 0: A4 R1 Detector 1: *
* Misc. Information: INJ-240,DET-310,4.0UL INJ *

****

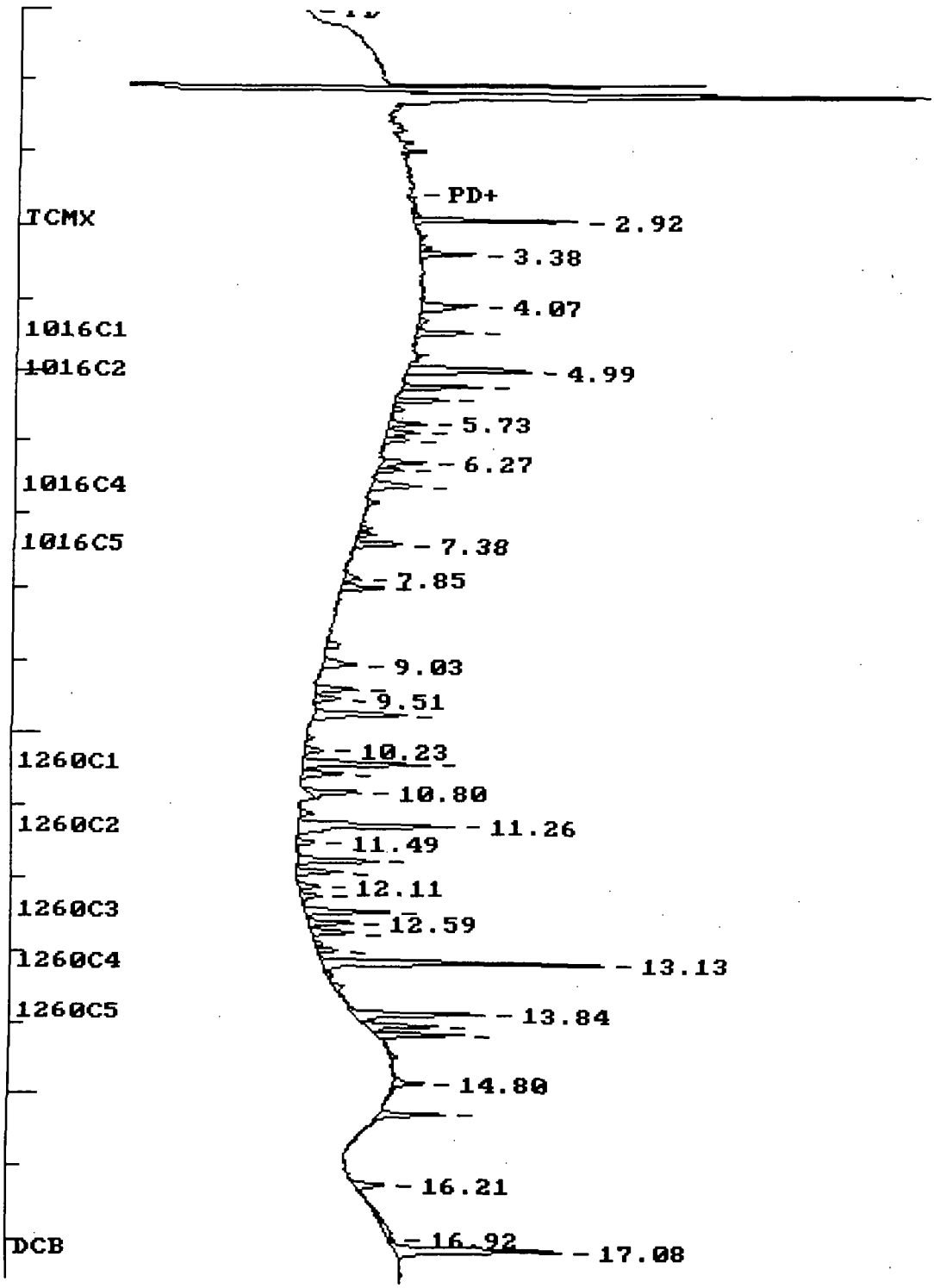
Starting Delay: 0.00 Ending retention time: 17.50
Area reject: 10000 One sample per 0.500 sec.
Amount injected: 1.00 Dilution factor: 1.00
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
3	2.917	TCMX	0.0023	0.3664%	56756	25382	2.2	2	45	0	4.0927E-08
6	3.375		0.0000	0.0000%	23562	8749	2.7	2			0.0000E+00
8	4.075		0.0000	0.0000%	39265	8555	4.6	1			0.0000E+00
10	4.450	1016C1	0.0721	11.3650%	31152	8776	3.5	2	45	0	2.3129E-06
12	4.992	1016C2	0.0597	9.4114%	92727	19363	4.8	1	45	0	6.4346E-07
13	5.217	1016C3	0.0650	10.2598%	39031	12603	3.1	1	45	0	1.6665E-06
14	5.400		0.0000	0.0000%	24236	8118	3.0	2			0.0000E+00
16	5.733		0.0000	0.0000%	19867	5758	3.5	2			0.0000E+00
17	5.850		0.0000	0.0000%	18310	5223	3.5	2			0.0000E+00
18	5.958		0.0000	0.0000%	15946	3809	4.2	2			0.0000E+00
19	6.267		0.0000	0.0000%	24298	7185	3.4	2			0.0000E+00
20	6.367		0.0000	0.0000%	16670	4343	3.8	2			0.0000E+00
21	6.592	1016C4	0.0691	10.8941%	37334	7814	4.8	1	45	0	1.8500E-06
25	7.383	1016C5	0.0656	10.3552%	26916	7508	3.6	1	45	0	2.4391E-06
26	7.850		0.0000	0.0000%	11734	2627	4.5	2			0.0000E+00
27	7.975		0.0000	0.0000%	25041	6765	3.7	2			0.0000E+00
29	9.033		0.0000	0.0000%	26432	5306	5.0	1			0.0000E+00
30	9.375		0.0000	0.0000%	25623	6691	3.8	2			0.0000E+00
31	9.508		0.0000	0.0000%	15490	3839	4.0	2			0.0000E+00
32	9.717		0.0000	0.0000%	61298	14278	4.3	1			0.0000E+00
34	10.225		0.0000	0.0000%	10854	2826	3.8	1			0.0000E+00
35	10.408	1260C1	0.0631	9.9523%	75479	19526	3.9	2	45	0	8.3593E-07
36	10.550		0.0000	0.0000%	26217	6447	4.1	2			0.0000E+00
37	10.800		0.0000	0.0000%	28141	7931	3.5	1			0.0000E+00
39	11.258	1260C2	0.0564	8.8891%	111853	23969	4.7	1	45	0	5.0383E-07
40	11.492		0.0000	0.0000%	11594	2831	4.1	1			0.0000E+00
41	11.750		0.0000	0.0000%	47595	12424	3.8	1			0.0000E+00
42	11.908		0.0000	0.0000%	26515	7129	3.7	1			0.0000E+00
43	12.108		0.0000	0.0000%	12667	3220	3.9	2			0.0000E+00
44	12.233		0.0000	0.0000%	11914	3169	3.8	2			0.0000E+00
45	12.442	1260C3	0.0631	9.9534%	47212	13201	3.6	1	45	0	1.3366E-06
46	12.592		0.0000	0.0000%	25342	6941	3.7	2			0.0000E+00
47	12.725		0.0000	0.0000%	26843	6716	4.0	2			0.0000E+00
49	12.975		0.0000	0.0000%	10465	3197	3.3	2			0.0000E+00
50	13.133	1260C4	0.0531	8.3741%	152140	43825	3.5	2	45	0	3.4896E-07
53	13.842	1260C5	0.0598	9.4258%	74785	19984	3.7	2	45	0	7.9906E-07
54	14.008		0.0000	0.0000%	36601	10630	3.4	2			0.0000E+00
55	14.125		0.0000	0.0000%	41200	13201	3.1	2			0.0000E+00

57	14.800	0.0000	0.0000%	18564	4664	4.0	1			0.0000E+00
58	15.233	0.0000	0.0000%	42245	10605	4.0	1			0.0000E+00
59	16.208	0.0000	0.0000%	19839	4673	4.2	1			0.0000E+00
60	16.925	0.0000	0.0000%	19870	826	24.0	2			0.0000E+00
61	17.083 DCB	0.0048	0.7533%	118094	26011	4.5	2	61	0	4.0440E-08

TOTAL AMOUNT = 0.6340

Areas, times, and heights stored in: O:55PCD4.ATB
Data File = O:55PCD4.PTS Printed on 08-16-1998 at 09:02:51
Start time: 0.00 min. Stop time: 17.50 min. Offset: -99 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-16-1998 09:02:54 Version 5.1.5 **********

* Sample Name: AR1254 .05 PC049D Data File: O:55PCD5 *

* Date: 08-15-1998 12:56:00 Method: O:55PCD3 08-12-1998 19:27:15 # 3191*

* Interface: 4 Cycle#: 5 Operator TMC Channel#: 0 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

* Instrument Type: 3400-A/B Column Type: XTI-5 30M 0.53 1.0um *

* Solvent Description: *

* Conditions: 210 3.5H 260 @6/M H0 295 @15/M H4.34 *

* Detector 0: A4 R1 Detector 1: *

* Misc. Information: INJ-240,DET-310,4.0UL INJ *

****

Starting Delay: 0.00 Ending retention time: 17.50

Area reject: 2000 One sample per 0.500 sec.

Amount injected: 1.00 Dilution factor: 1.00

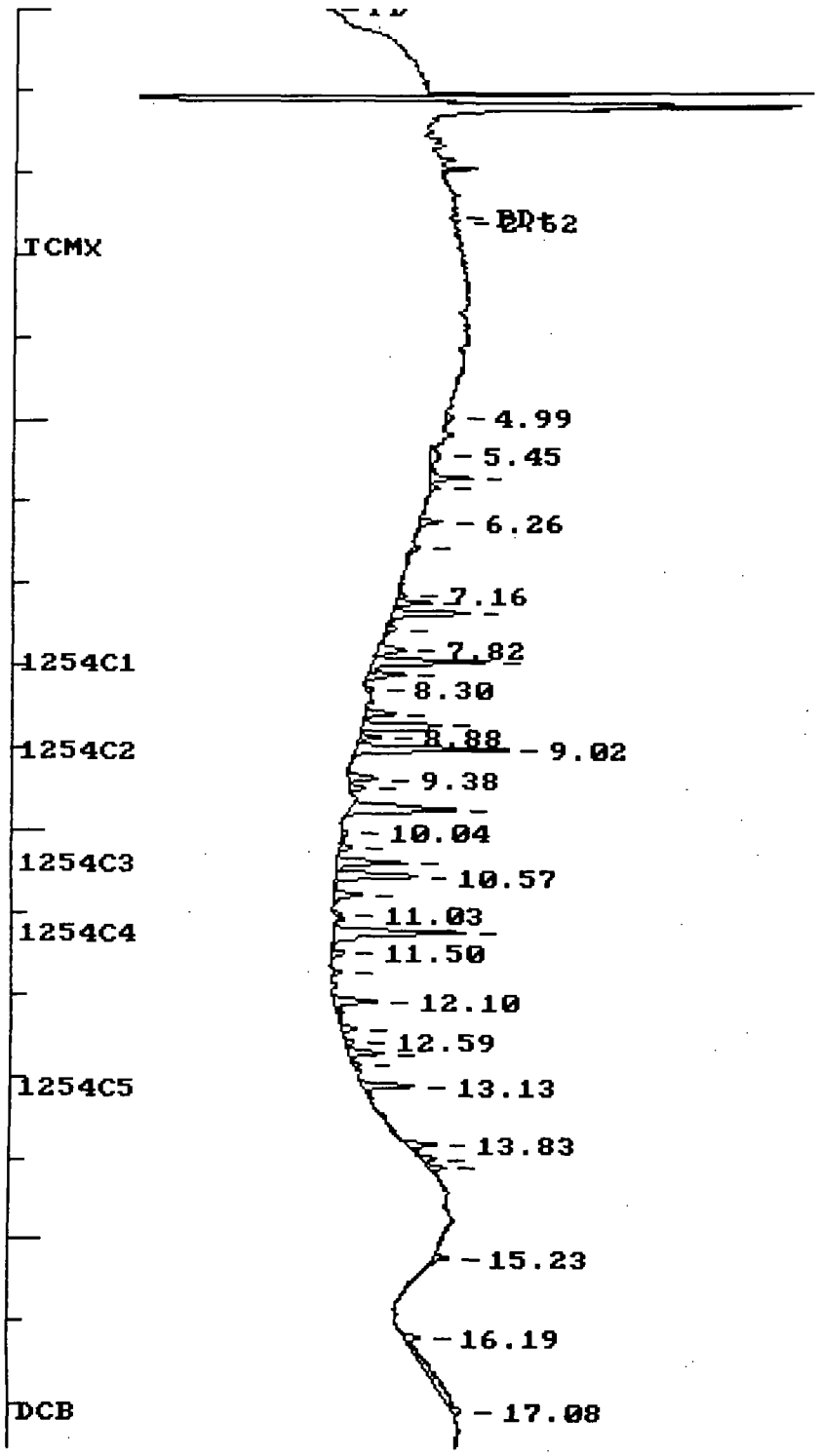
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	2.617		0.0000	0.0000%	2337	914	2.6	1			0.0000E+00
3	4.992		0.0000	0.0000%	6505	1182	5.5	1			0.0000E+00
4	5.450		0.0000	0.0000%	11426	1430	8.0	2			0.0000E+00
5	5.725		0.0000	0.0000%	21118	5879	3.6	2			0.0000E+00
6	5.842		0.0000	0.0000%	5052	1522	3.3	2			0.0000E+00
7	6.258		0.0000	0.0000%	11669	3246	3.6	1			0.0000E+00
8	6.583		0.0000	0.0000%	4178	1145	3.6	1			0.0000E+00
9	7.158		0.0000	0.0000%	3972	1246	3.2	2			0.0000E+00
10	7.242		0.0000	0.0000%	15953	4890	3.3	2			0.0000E+00
11	7.375		0.0000	0.0000%	39817	10733	3.7	2			0.0000E+00
12	7.558		0.0000	0.0000%	8425	1664	5.1	2			0.0000E+00
13	7.817		0.0000	0.0000%	21421	3885	5.5	2			0.0000E+00
14	7.967	1254C1	0.0673	20.8056%	65008	16087	4.0	2	45	0	1.0350E-06
15	8.125		0.0000	0.0000%	21536	5201	4.1	2			0.0000E+00
16	8.300		0.0000	0.0000%	4587	1035	4.4	1			0.0000E+00
17	8.600		0.0000	0.0000%	15540	4199	3.7	2			0.0000E+00
18	8.742		0.0000	0.0000%	40379	10738	3.8	2			0.0000E+00
19	8.883		0.0000	0.0000%	10956	3108	3.5	2			0.0000E+00
20	9.025	1254C2	0.0571	17.6715%	81811	20763	3.9	2	45	0	6.9852E-07
21	9.383		0.0000	0.0000%	16830	4040	4.2	2			0.0000E+00
22	9.500		0.0000	0.0000%	8136	2151	3.8	2			0.0000E+00
23	9.758		0.0000	0.0000%	76463	14711	5.2	1			0.0000E+00
24	10.042		0.0000	0.0000%	4167	818	5.1	2			0.0000E+00
25	10.225		0.0000	0.0000%	7415	1777	4.2	2			0.0000E+00
26	10.400	1254C3	0.0632	19.5430%	35706	9632	3.7	2	45	0	1.7700E-06
27	10.567		0.0000	0.0000%	54332	11069	4.9	2			0.0000E+00
28	10.800		0.0000	0.0000%	17171	3913	4.4	1			0.0000E+00
29	11.025		0.0000	0.0000%	2326	833	2.8	1			0.0000E+00
30	11.250	1254C4	0.0554	17.1269%	83679	18000	4.6	2	45	0	6.6188E-07
31	11.500		0.0000	0.0000%	6938	1611	4.3	2			0.0000E+00
32	11.742		0.0000	0.0000%	5106	1477	3.5	1			0.0000E+00
33	12.100		0.0000	0.0000%	28191	5905	4.8	3			0.0000E+00
35	12.433		0.0000	0.0000%	7874	1991	4.0	2			0.0000E+00
36	12.592		0.0000	0.0000%	4808	1214	4.0	2			0.0000E+00
37	12.725		0.0000	0.0000%	19186	4864	3.9	2			0.0000E+00
38	12.875		0.0000	0.0000%	3073	819	3.8	1			0.0000E+00
39	13.125	1254C5	0.0784	24.2356%	25605	7105	3.6	1	45	0	3.0609E-06
40	13.825		0.0000	0.0000%	13296	3858	3.4	2			0.0000E+00

41	14.008	0.0000	0.0000%	7059	1874	3.8	2			0.0000E+00
42	14.117	0.0000	0.0000%	6802	2087	3.3	2			0.0000E+00
43	15.233	0.0000	0.0000%	14150	2343	6.0	1			0.0000E+00
44	16.192	0.0000	0.0000%	10603	2285	4.6	2			0.0000E+00
45	17.083 DCB	0.0020	0.6174%	49373	1395	35.4	2	14	0	4.0440E-08

TOTAL AMOUNT = 0.3234

Areas, times, and heights stored in: O:55PCD5.ATB
Data File = O:55PCD5.PTS Printed on 08-16-1998 at 09:02:56
Start time: 0.00 min. Stop time: 17.50 min. Offset: -99 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-16-1998 09:02:59 Version 5.1.5 **********

* Sample Name: AR1242 .05 PC053D Data File: O:55PCD6 *

* Date: 08-15-1998 13:16:39 Method: O:55PCD4 08-12-1998 19:29:27 # 4200*

* Interface: 4 Cycle#: 6 Operator TMC Channel#: 0 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

* Instrument Type: 3400-A/B Column Type: XTI-5 30M 0.53 1.0um *

* Solvent Description: *

* Conditions: 210 3.5H 260 @6/M H0 295 @15/M H4.34 *

* Detector 0: A4 R1 Detector 1: *

* Misc. Information: INJ-240,DET-310,4.0UL INJ *

****

Starting Delay: 0.00 Ending retention time: 17.50

Area reject: 2000 One sample per 0.500 sec.

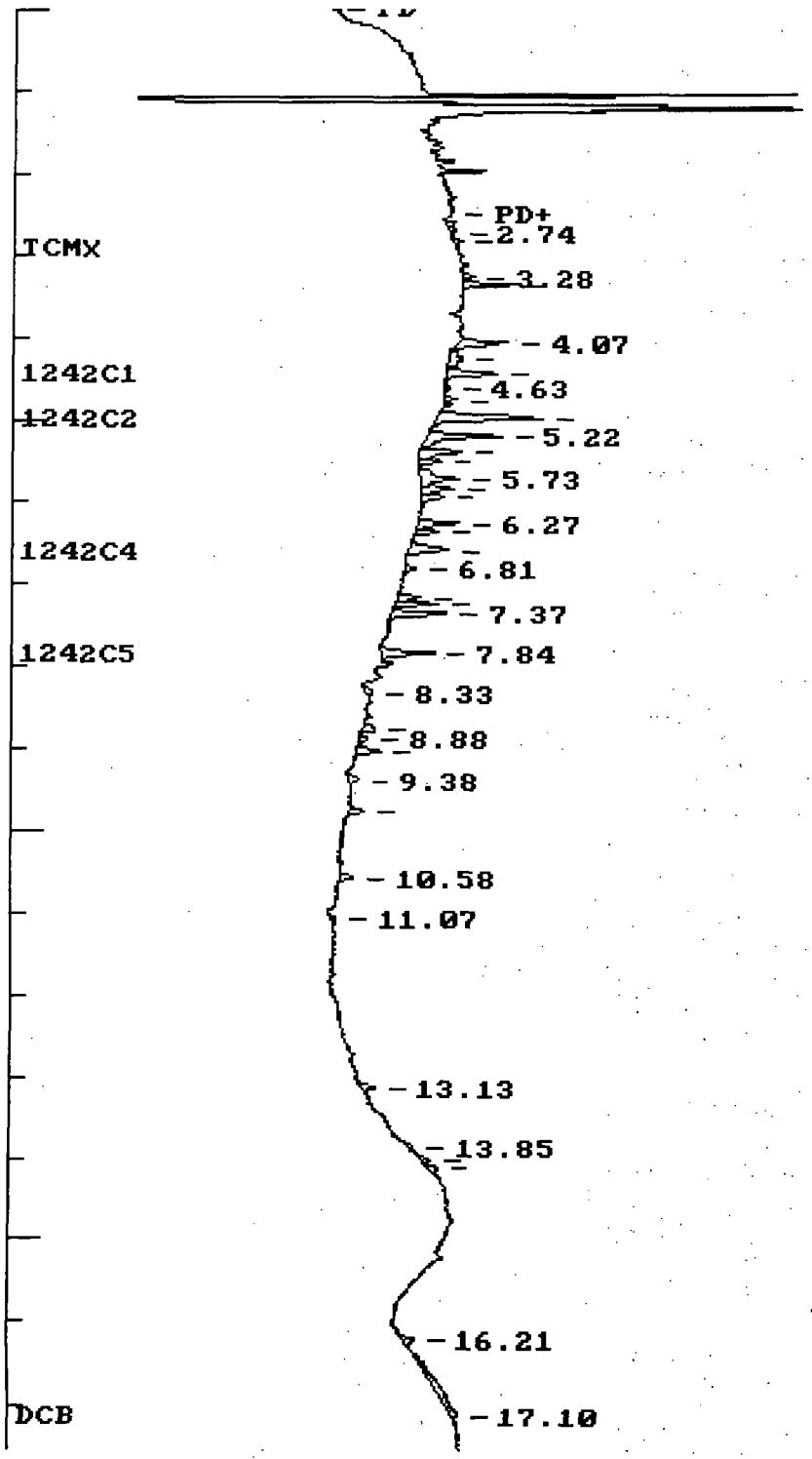
Amount injected: 1.00 Dilution factor: 1.00

Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	2.742		0.0000	0.0000%	10472	849	12.3	2			0.0000E+00
2	2.842		0.0000	0.0000%	2829	1201	2.4	2			0.0000E+00
3	3.275		0.0000	0.0000%	3342	1623	2.1	1			0.0000E+00
4	3.375		0.0000	0.0000%	17765	7165	2.5	1			0.0000E+00
5	4.067		0.0000	0.0000%	29719	7148	4.2	1			0.0000E+00
6	4.267		0.0000	0.0000%	15046	2095	7.2	2			0.0000E+00
7	4.450	1242C1	0.0807	21.6232%	26380	7043	3.7	2	39	-.1169	3.0580E-06
8	4.625		0.0000	0.0000%	2044	763	2.7	1			0.0000E+00
9	4.767		0.0000	0.0000%	4036	1855	2.2	1			0.0000E+00
10	4.992	1242C2	0.0601	16.1102%	67727	14858	4.6	1	39	-.1169	8.8742E-07
11	5.217	1242C3	0.1030	27.6100%	46170	10525	4.4	1	39	0	2.2310E-06
12	5.400		0.0000	0.0000%	22669	5981	3.8	2			0.0000E+00
13	5.517		0.0000	0.0000%	11774	2943	4.0	2			0.0000E+00
14	5.733		0.0000	0.0000%	28683	5412	5.3	2			0.0000E+00
15	5.850		0.0000	0.0000%	16280	4508	3.6	2			0.0000E+00
16	5.942		0.0000	0.0000%	13597	2935	4.6	2			0.0000E+00
17	6.267		0.0000	0.0000%	20612	5846	3.5	2			0.0000E+00
18	6.367		0.0000	0.0000%	12262	3459	3.5	2			0.0000E+00
19	6.592	1242C4	0.0662	17.7369%	27553	5699	4.8	2	39	0	2.4016E-06
20	6.808		0.0000	0.0000%	5779	1719	3.4	1			0.0000E+00
21	7.167		0.0000	0.0000%	11358	3196	3.6	2			0.0000E+00
22	7.250		0.0000	0.0000%	18062	6037	3.0	2			0.0000E+00
23	7.367		0.0000	0.0000%	25857	7548	3.4	2			0.0000E+00
24	7.842	1242C5	0.0619	16.5842%	30283	7249	4.2	1	39	-.1169	2.0431E-06
25	8.333		0.0000	0.0000%	4915	808	6.1	1			0.0000E+00
26	8.750		0.0000	0.0000%	6846	1767	3.9	1			0.0000E+00
27	8.883		0.0000	0.0000%	5541	1244	4.5	2			0.0000E+00
28	9.042		0.0000	0.0000%	14210	3400	4.2	2			0.0000E+00
29	9.383		0.0000	0.0000%	6735	1271	5.3	1			0.0000E+00
30	9.775		0.0000	0.0000%	7621	2128	3.6	1			0.0000E+00
32	10.583		0.0000	0.0000%	8249	2101	3.9	1			0.0000E+00
33	11.067		0.0000	0.0000%	2411	681	3.5	1			0.0000E+00
34	13.133		0.0000	0.0000%	6149	1711	3.6	1			0.0000E+00
35	13.850		0.0000	0.0000%	3418	882	3.9	2			0.0000E+00
36	14.025		0.0000	0.0000%	6854	1182	5.8	2			0.0000E+00
37	14.108		0.0000	0.0000%	4691	1223	3.8	2			0.0000E+00
38	16.208		0.0000	0.0000%	6140	1441	4.3	1			0.0000E+00
39	17.100	DCB	0.0013	0.3355%	30947	775	39.9	1	39	0	4.0440E-08

TOTAL AMOUNT = 0.3731

Areas, times, and heights stored in: O:55PCD6.ATB
Data File = O:55PCD6.PTS Printed on 08-16-1998 at 09:03:01
Start time: 0.00 min. Stop time: 17.50 min. Offset: -99 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-16-1998 09:03:04 Version 5.1.5 **********

* Sample Name: AR2148 0.1 PC046D Data File: O:55PCD7 *

* Date: 08-15-1998 13:36:56 Method: O:55PCD1 08-12-1998 19:21:58 # 4575*

* Interface: 4 Cycle#: 7 Operator TMC Channel#: 0 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

* Instrument Type: 3400-A/B Column Type: XTI-5 30M 0.53 1.0um *

* Solvent Description: *

* Conditions: 210 3.5H 260 @6/M H0 295 @15/M H4.34 *

* Detector 0: A4 R1 Detector 1: *

* Misc. Information: INJ-240,DET-310,4.0UL INJ *

****

Starting Delay: 0.00 Ending retention time: 17.50

Area reject: 2000 One sample per 0.500 sec.

Amount injected: 1.00 Dilution factor: 1.00

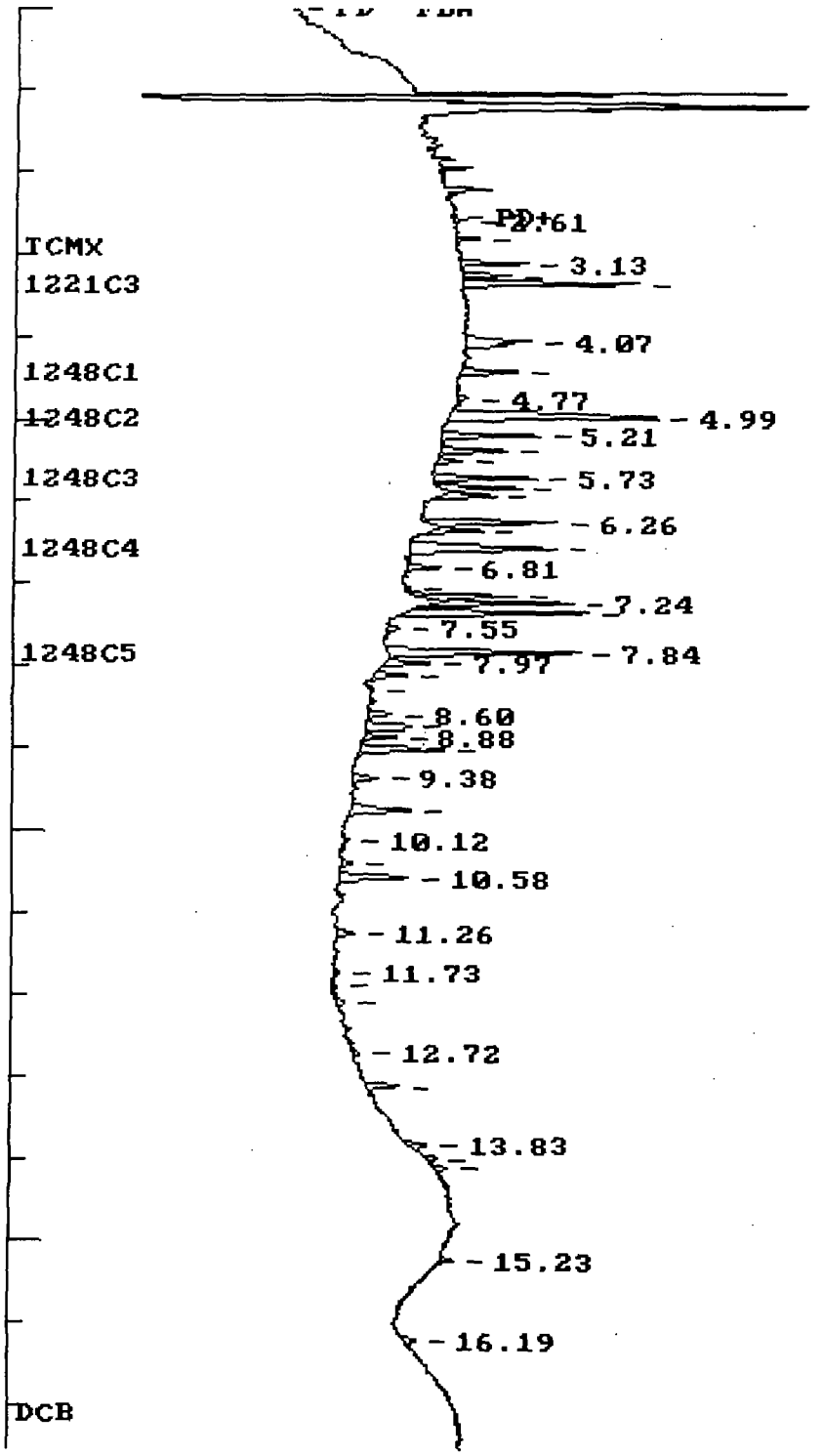
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	2.608		0.0000	0.0000%	4420	1875	2.4	1			0.0000E+00
2	2.833		0.0000	0.0000%	7094	3176	2.2	1			0.0000E+00
3	3.133	1221C1	0.1295	12.4646%	25119	9291	2.7	1	0	0	5.1573E-06
4	3.275	1221C2	0.1271	12.2271%	15459	6703	2.3	1	0	0	8.2206E-06
5	3.375	1221C3	0.1276	12.2808%	65539	24239	2.7	1	0	0	1.9475E-06
6	4.067		0.0000	0.0000%	43768	9100	4.8	1			0.0000E+00
7	4.450	1248C1	0.1379	13.2669%	27464	8134	3.4	1	0	0	5.0207E-06
8	4.767		0.0000	0.0000%	3872	1449	2.7	1			0.0000E+00
9	4.992	1248C2	0.1249	12.0218%	135184	28614	4.7	1	0	0	9.2426E-07
10	5.208		0.0000	0.0000%	43142	13449	3.2	1			0.0000E+00
11	5.392		0.0000	0.0000%	29209	9319	3.1	1			0.0000E+00
12	5.517		0.0000	0.0000%	9988	3436	2.9	1			0.0000E+00
13	5.725	1248C3	0.1355	13.0421%	45402	14108	3.2	1	0	0	2.9856E-06
14	5.842		0.0000	0.0000%	29753	10638	2.8	1			0.0000E+00
15	5.933		0.0000	0.0000%	26366	7560	3.5	1			0.0000E+00
16	6.258		0.0000	0.0000%	51588	16888	3.1	1			0.0000E+00
17	6.358		0.0000	0.0000%	20373	7025	2.9	1			0.0000E+00
18	6.583	1248C4	0.1296	12.4730%	93220	19941	4.7	1	0	0	1.3906E-06
19	6.808		0.0000	0.0000%	15302	4635	3.3	1			0.0000E+00
20	7.050		0.0000	0.0000%	3054	1035	3.0	1			0.0000E+00
21	7.158		0.0000	0.0000%	32510	11597	2.8	1			0.0000E+00
22	7.242		0.0000	0.0000%	53267	18901	2.8	1			0.0000E+00
23	7.358		0.0000	0.0000%	84631	25182	3.4	1			0.0000E+00
24	7.550		0.0000	0.0000%	6114	1584	3.9	1			0.0000E+00
25	7.842	1248C5	0.1270	12.2236%	108130	26323	4.1	1	0	-.0066	1.1749E-06
26	7.967		0.0000	0.0000%	21020	6234	3.4	1			0.0000E+00
27	8.117		0.0000	0.0000%	18477	4693	3.9	1			0.0000E+00
28	8.308		0.0000	0.0000%	2669	763	3.5	1			0.0000E+00
30	8.600		0.0000	0.0000%	11656	3335	3.5	1			0.0000E+00
31	8.742		0.0000	0.0000%	22039	6000	3.7	1			0.0000E+00
32	8.875		0.0000	0.0000%	14273	4423	3.2	1			0.0000E+00
33	9.025		0.0000	0.0000%	44651	11627	3.8	1			0.0000E+00
34	9.375		0.0000	0.0000%	12690	3403	3.7	1			0.0000E+00
35	9.767		0.0000	0.0000%	36105	8391	4.3	1			0.0000E+00
36	10.117		0.0000	0.0000%	3427	701	4.9	1			0.0000E+00
37	10.392		0.0000	0.0000%	5059	1529	3.3	1			0.0000E+00
38	10.575		0.0000	0.0000%	37678	9521	4.0	1			0.0000E+00
40	11.258		0.0000	0.0000%	10338	2482	4.2	1			0.0000E+00

41	11.733	0.0000	0.0000%	3782	942	4.0	1	0.0000E+00
42	11.892	0.0000	0.0000%	2148	614	3.5	1	0.0000E+00
43	12.100	0.0000	0.0000%	4336	1012	4.3	1	0.0000E+00
45	12.717	0.0000	0.0000%	3920	912	4.3	1	0.0000E+00
46	13.125	0.0000	0.0000%	15767	4489	3.5	1	0.0000E+00
47	13.833	0.0000	0.0000%	7286	2135	3.4	1	0.0000E+00
48	14.000	0.0000	0.0000%	4380	1266	3.5	1	0.0000E+00
49	14.117	0.0000	0.0000%	5597	1758	3.2	1	0.0000E+00
50	15.233	0.0000	0.0000%	7720	2229	3.5	1	0.0000E+00
51	16.192	0.0000	0.0000%	5758	1487	3.9	1	0.0000E+00

TOTAL AMOUNT = 1.0393

Areas, times, and heights stored in: O:55PCD7.ATB
Data File = O:55PCD7.PTS Printed on 08-16-1998 at 09:03:06
Start time: 0.00 min. Stop time: 17.50 min. Offset: -99 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-16-1998 09:03:10 Version 5.1.5 **********

* Sample Name: AR1660 0.1 PC039D Data File: O:55PCD8 *
* Date: 08-15-1998 13:57:34 Method: O:55PCD2 08-12-1998 19:17:58 # 4475*
* Interface: 4 Cycle#: 8 Operator TMC Channel#: 0 Vial#: N.A. *
* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

* Instrument Type: 3400-A/B Column Type: XTI-5 30M 0.53 1.0um *
* Solvent Description: *
* Conditions: 210 3.5H 260 @6/M H0 295 @15/M H4.34 *
* Detector 0: A4 R1 Detector 1: *
* Misc. Information: INJ-240,DET-310,4.0UL INJ *

****

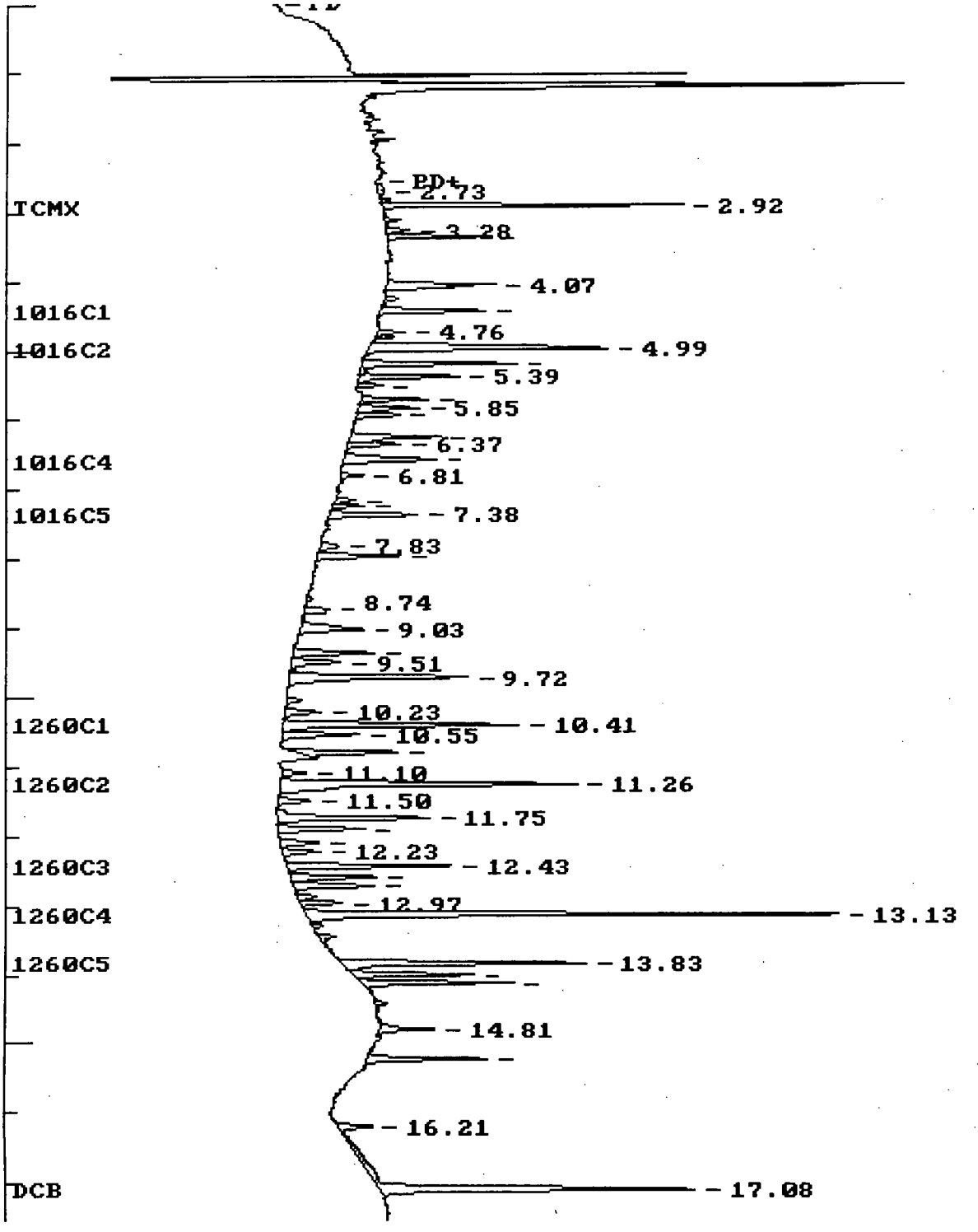
Starting Delay: 0.00 Ending retention time: 17.50
Area reject: 10000 One sample per 0.500 sec.
Amount injected: 1.00 Dilution factor: 1.00
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	2.725		0.0000	0.0000%	11080	1166	9.5	2			0.0000E+00
3	2.917	TCMX	0.0046	0.3635%	112499	48992	2.3	2	46	0	4.0927E-08
5	3.275		0.0000	0.0000%	11326	3831	3.0	2			0.0000E+00
6	3.375		0.0000	0.0000%	43771	16448	2.7	2			0.0000E+00
7	4.067		0.0000	0.0000%	76282	17553	4.3	1			0.0000E+00
9	4.450	1016C1	0.1348	10.6416%	58281	17322	3.4	2	46	0	2.3129E-06
10	4.758		0.0000	0.0000%	13251	4510	2.9	2			0.0000E+00
12	4.992	1016C2	0.1191	9.4008%	185065	38967	4.7	2	46	0	6.4346E-07
13	5.208	1016C3	0.1464	11.5610%	87875	25248	3.5	2	46	-.1314	1.6665E-06
14	5.392		0.0000	0.0000%	52662	16295	3.2	2			0.0000E+00
15	5.525		0.0000	0.0000%	14633	4266	3.4	2			0.0000E+00
16	5.725		0.0000	0.0000%	36886	11119	3.3	2			0.0000E+00
17	5.850		0.0000	0.0000%	32473	10063	3.2	2			0.0000E+00
18	5.942		0.0000	0.0000%	32171	7136	4.5	2			0.0000E+00
19	6.258		0.0000	0.0000%	53762	14687	3.7	2			0.0000E+00
20	6.367		0.0000	0.0000%	33813	8771	3.9	2			0.0000E+00
21	6.583	1016C4	0.1341	10.5857%	72483	15164	4.8	2	46	-.1101	1.8500E-06
22	6.808		0.0000	0.0000%	12522	3677	3.4	1			0.0000E+00
23	7.167		0.0000	0.0000%	11526	3474	3.3	2			0.0000E+00
24	7.250		0.0000	0.0000%	15326	5212	2.9	2			0.0000E+00
25	7.375	1016C5	0.1284	10.1385%	52653	14315	3.7	2	46	0	2.4391E-06
26	7.825		0.0000	0.0000%	16503	3202	5.2	2			0.0000E+00
27	7.967		0.0000	0.0000%	49161	13408	3.7	2			0.0000E+00
29	8.742		0.0000	0.0000%	15736	4046	3.9	2			0.0000E+00
30	9.033		0.0000	0.0000%	54882	10289	5.3	2			0.0000E+00
31	9.367		0.0000	0.0000%	52018	13232	3.9	2			0.0000E+00
32	9.508		0.0000	0.0000%	35096	8037	4.4	2			0.0000E+00
33	9.717		0.0000	0.0000%	128212	28879	4.4	2			0.0000E+00
35	10.225		0.0000	0.0000%	24774	5964	4.2	2			0.0000E+00
36	10.408	1260C1	0.1252	9.8846%	149785	38175	3.9	2	46	0	8.3593E-07
37	10.550		0.0000	0.0000%	51228	12655	4.0	2			0.0000E+00
38	10.800		0.0000	0.0000%	53738	15677	3.4	1			0.0000E+00
39	11.100		0.0000	0.0000%	15026	4052	3.7	2			0.0000E+00
40	11.258	1260C2	0.1139	8.9946%	226140	48121	4.7	2	46	0	5.0383E-07
41	11.500		0.0000	0.0000%	22220	5353	4.2	1			0.0000E+00
42	11.750		0.0000	0.0000%	101893	24597	4.1	2			0.0000E+00
43	11.908		0.0000	0.0000%	55209	14102	3.9	2			0.0000E+00
44	12.108		0.0000	0.0000%	27627	6481	4.3	2			0.0000E+00

45	12.233		0.0000	0.0000%	24848	6200	4.0	2			0.0000E+00
46	12.433	1260C3	0.1281	10.1156%	95870	26527	3.6	2	46	0	1.3366E-06
47	12.592		0.0000	0.0000%	50149	14007	3.6	2			0.0000E+00
48	12.717		0.0000	0.0000%	54417	13138	4.1	2			0.0000E+00
50	12.967		0.0000	0.0000%	21661	6783	3.2	2			0.0000E+00
51	13.125	1260C4	0.1050	8.2865%	300802	86189	3.5	2	46	0	3.4896E-07
54	13.833	1260C5	0.1162	9.1753%	145451	39599	3.7	2	46	0	7.9906E-07
55	14.008		0.0000	0.0000%	63810	19344	3.3	2			0.0000E+00
56	14.125		0.0000	0.0000%	76940	24417	3.2	2			0.0000E+00
58	14.808		0.0000	0.0000%	33081	8912	3.7	1			0.0000E+00
59	15.233		0.0000	0.0000%	69474	19486	3.6	1			0.0000E+00
60	16.208		0.0000	0.0000%	22185	5305	4.2	2			0.0000E+00
61	17.083	DCB	0.0108	0.8520%	266888	51413	5.2	2	61	0	4.0440E-08

TOTAL AMOUNT = 1.2667

Areas, times, and heights stored in: O:55PCD8.ATB
Data File = O:55PCD8.PTS Printed on 08-16-1998 at 09:03:12
Start time: 0.00 min. Stop time: 17.50 min. Offset: -99 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-16-1998 09:03:15 Version 5.1.5 **********

* Sample Name: AR1254 0.1 PC050D Data File: O:55PCD9 *
* Date: 08-15-1998 14:18:10 Method: O:55PCD3 08-12-1998 19:27:15 # 3191*
* Interface: 4 Cycle#: 9 Operator TMC Channel#: 0 Vial#: N.A. *
* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

* Instrument Type: 3400-A/B Column Type: XTI-5 30M 0.53 1.0um *
* Solvent Description: *
* Conditions: 210 3.5H 260 @6/M H0 295 @15/M H4.34 *
* Detector 0: A4 R1 Detector 1: *
* Misc. Information: INJ-240,DET-310,4.0UL INJ *

****

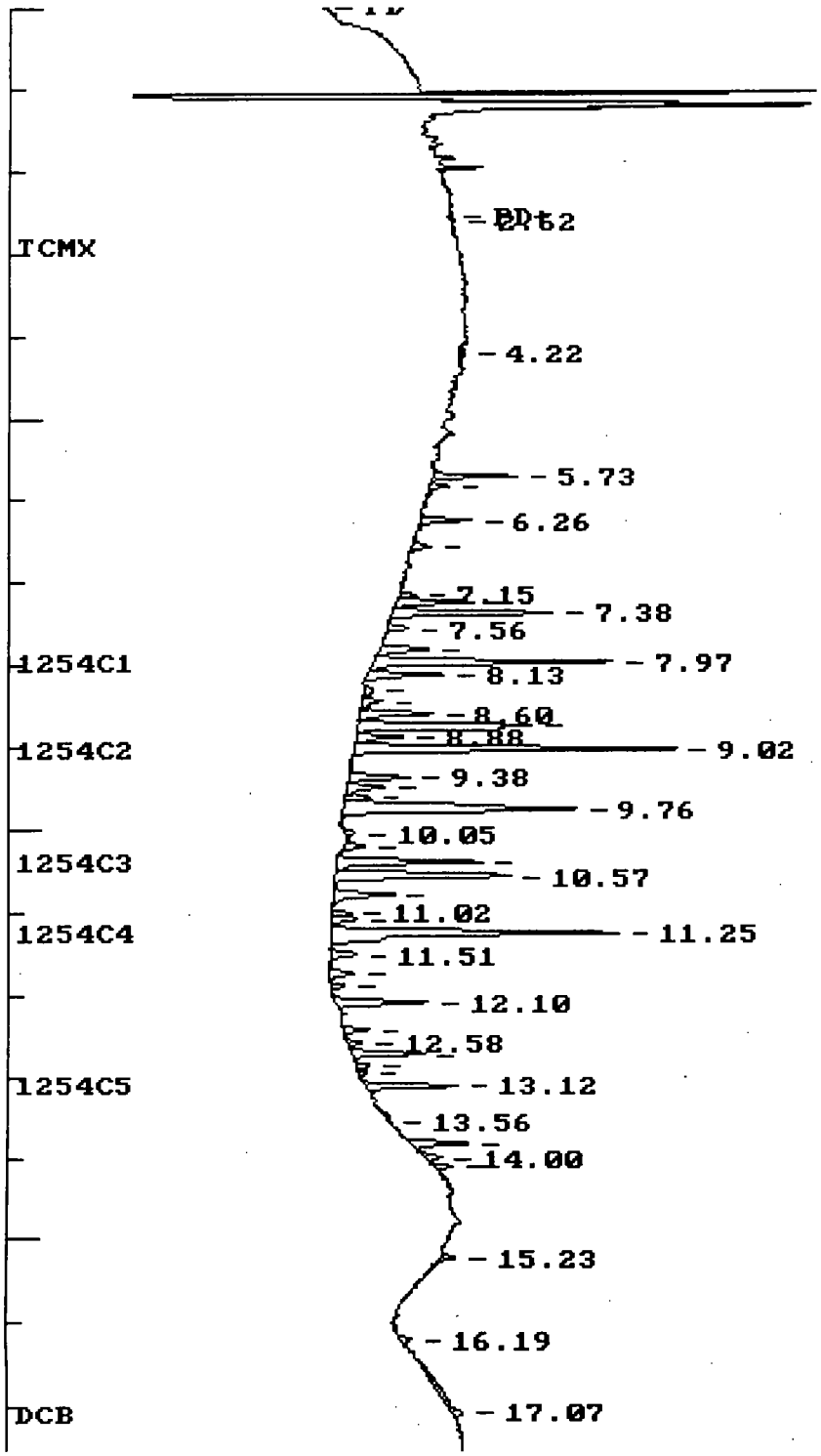
Starting Delay: 0.00 Ending retention time: 17.50
Area reject: 2000 One sample per 0.500 sec.
Amount injected: 1.00 Dilution factor: 1.00
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	2.617		0.0000	0.0000%	2468	730	3.4	1			0.0000E+00
2	4.217		0.0000	0.0000%	4226	678	6.2	1			0.0000E+00
3	5.725		0.0000	0.0000%	36703	11520	3.2	2			0.0000E+00
4	5.850		0.0000	0.0000%	10732	2663	4.0	2			0.0000E+00
5	6.258		0.0000	0.0000%	21712	6995	3.1	1			0.0000E+00
6	6.583		0.0000	0.0000%	10196	2611	3.9	1			0.0000E+00
7	7.150		0.0000	0.0000%	6505	2098	3.1	2			0.0000E+00
8	7.250		0.0000	0.0000%	36244	10602	3.4	2			0.0000E+00
9	7.375		0.0000	0.0000%	79306	21943	3.6	2			0.0000E+00
10	7.558		0.0000	0.0000%	10494	2862	3.7	1			0.0000E+00
11	7.808		0.0000	0.0000%	30820	6562	4.7	2			0.0000E+00
12	7.967	1254C1	0.1310	20.5085%	126603	32681	3.9	2	48	0	1.0350E-06
13	8.125		0.0000	0.0000%	41962	10580	4.0	2			0.0000E+00
14	8.317		0.0000	0.0000%	8030	1437	5.6	2			0.0000E+00
15	8.450		0.0000	0.0000%	12748	2835	4.5	2			0.0000E+00
16	8.600		0.0000	0.0000%	39323	10047	3.9	2			0.0000E+00
17	8.742		0.0000	0.0000%	93218	23739	3.9	2			0.0000E+00
18	8.875		0.0000	0.0000%	25340	6554	3.9	2			0.0000E+00
19	9.025	1254C2	0.1218	19.0603%	174339	43990	4.0	2	48	0	6.9852E-07
20	9.375		0.0000	0.0000%	34933	8405	4.2	2			0.0000E+00
21	9.500		0.0000	0.0000%	22618	5288	4.3	2			0.0000E+00
22	9.617		0.0000	0.0000%	12154	3320	3.7	2			0.0000E+00
23	9.758		0.0000	0.0000%	174666	31829	5.5	2			0.0000E+00
24	10.050		0.0000	0.0000%	5036	1439	3.5	1			0.0000E+00
25	10.225		0.0000	0.0000%	12239	3056	4.0	1			0.0000E+00
26	10.400	1254C3	0.1346	21.0667%	76045	19863	3.8	2	48	0	1.7700E-06
27	10.567		0.0000	0.0000%	116094	23863	4.9	2			0.0000E+00
28	10.792		0.0000	0.0000%	37282	8305	4.5	2			0.0000E+00
29	11.017		0.0000	0.0000%	9512	2678	3.6	2			0.0000E+00
30	11.083		0.0000	0.0000%	13416	3453	3.9	2			0.0000E+00
31	11.250	1254C4	0.1238	19.3758%	187035	39223	4.8	2	48	0	6.6188E-07
32	11.508		0.0000	0.0000%	15272	3580	4.3	2			0.0000E+00
33	11.742		0.0000	0.0000%	13836	3337	4.1	2			0.0000E+00
34	11.900		0.0000	0.0000%	6862	1934	3.5	1			0.0000E+00
35	12.100		0.0000	0.0000%	49255	12526	3.9	1			0.0000E+00
36	12.425		0.0000	0.0000%	13018	3609	3.6	2			0.0000E+00
37	12.583		0.0000	0.0000%	8260	2163	3.8	2			0.0000E+00
38	12.725		0.0000	0.0000%	37035	9886	3.7	2			0.0000E+00

39	12.867		0.0000	0.0000%	6902	2040	3.4	2			0.0000E+00
40	12.958		0.0000	0.0000%	3927	1084	3.6	2			0.0000E+00
41	13.117	1254C5	0.1267	19.8361%	41405	12385	3.3	1	48	0	3.0609E-06
42	13.558		0.0000	0.0000%	3924	256	15.3	1			0.0000E+00
43	13.825		0.0000	0.0000%	29504	7947	3.7	2			0.0000E+00
44	14.000		0.0000	0.0000%	8715	2193	4.0	2			0.0000E+00
45	14.117		0.0000	0.0000%	7278	2369	3.1	2			0.0000E+00
46	15.225		0.0000	0.0000%	8673	2380	3.6	1			0.0000E+00
47	16.192		0.0000	0.0000%	5687	1500	3.8	1			0.0000E+00
48	17.067	DCB	0.0010	0.1525%	24090	1389	17.3	1	12	0	4.0440E-08

TOTAL AMOUNT = 0.6389

Areas, times, and heights stored in: O:55PCD9.ATB
Data File = O:55PCD9.PTS Printed on 08-16-1998 at 09:03:17
Start time: 0.00 min. Stop time: 17.50 min. Offset: -99 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-16-1998 09:03:24 Version 5.1.5 **********

* Sample Name: AR1242 0.1 PC054D Data File: O:55PCD10 *

* Date: 08-15-1998 14:38:49 Method: O:55PCD4 08-12-1998 19:29:27 # 4200*

* Interface: 4 Cycle#: 10 Operator TMC Channel#: 0 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

* Instrument Type: 3400-A/B Column Type: XTI-5 30M 0.53 1.0um *

* Solvent Description: *

* Conditions: 210 3.5H 260 @6/M H0 295 @15/M H4.34 *

* Detector 0: A4 R1 Detector 1: *

* Misc. Information: INJ-240,DET-310,4.0UL INJ *

****

Starting Delay: 0.00 Ending retention time: 17.50

Area reject: 2000 One sample per 0.500 sec.

Amount injected: 1.00 Dilution factor: 1.00

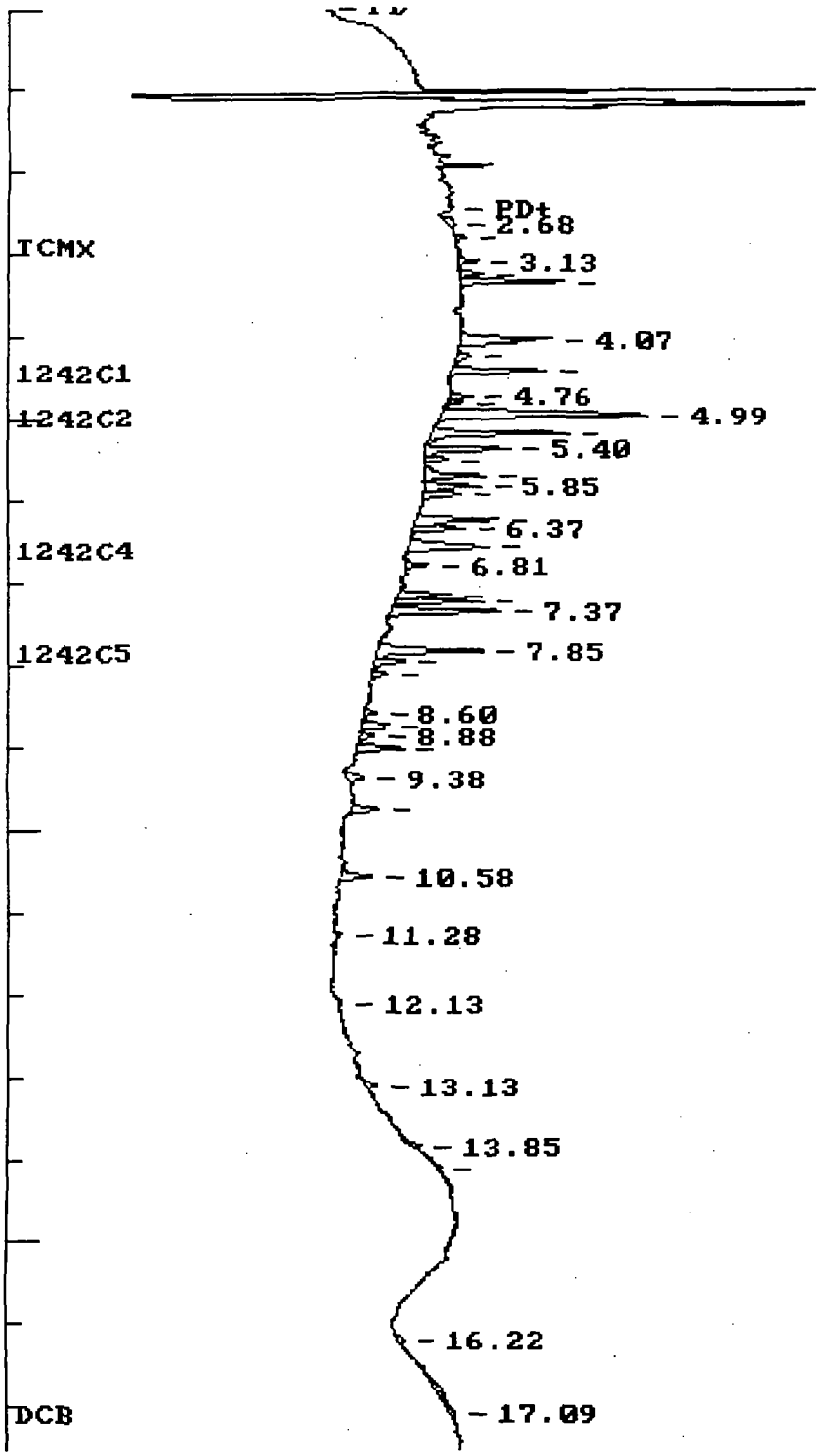
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	2.683		0.0000	0.0000%	7228	855	8.5	1			0.0000E+00
2	2.842		0.0000	0.0000%	4202	1576	2.7	1			0.0000E+00
3	3.133		0.0000	0.0000%	7318	2522	2.9	2			0.0000E+00
4	3.283		0.0000	0.0000%	8873	3182	2.8	2			0.0000E+00
5	3.375		0.0000	0.0000%	37877	14217	2.7	2			0.0000E+00
6	4.067		0.0000	0.0000%	56190	12654	4.4	1			0.0000E+00
7	4.275		0.0000	0.0000%	8190	1956	4.2	2			0.0000E+00
8	4.450	1242C1	0.1329	20.2166%	43475	12916	3.4	2	41	0	3.0580E-06
9	4.758		0.0000	0.0000%	8781	3196	2.7	2			0.0000E+00
10	4.833		0.0000	0.0000%	6536	2383	2.7	2			0.0000E+00
11	4.992	1242C2	0.1187	18.0545%	133793	28468	4.7	2	41	0	8.8742E-07
12	5.208	1242C3	0.1485	22.5812%	66562	18727	3.6	1	41	0	2.2310E-06
13	5.400		0.0000	0.0000%	36090	11498	3.1	2			0.0000E+00
14	5.525		0.0000	0.0000%	11973	3331	3.6	2			0.0000E+00
15	5.725		0.0000	0.0000%	35926	8682	4.1	2			0.0000E+00
16	5.850		0.0000	0.0000%	27853	7891	3.5	2			0.0000E+00
17	5.942		0.0000	0.0000%	20903	5194	4.0	2			0.0000E+00
18	6.267		0.0000	0.0000%	40115	11159	3.6	2			0.0000E+00
19	6.367		0.0000	0.0000%	25937	6993	3.7	2			0.0000E+00
20	6.583	1242C4	0.1288	19.5889%	53639	11057	4.9	1	41	0	2.4016E-06
21	6.808		0.0000	0.0000%	10049	3227	3.1	1			0.0000E+00
22	7.167		0.0000	0.0000%	23625	7281	3.2	2			0.0000E+00
23	7.250		0.0000	0.0000%	39408	12111	3.3	2			0.0000E+00
24	7.367		0.0000	0.0000%	54963	15309	3.6	2			0.0000E+00
25	7.850	1242C5	0.1277	19.4224%	62516	14396	4.3	2	41	0	2.0431E-06
26	7.975		0.0000	0.0000%	17053	4217	4.0	2			0.0000E+00
27	8.125		0.0000	0.0000%	9530	2159	4.4	2			0.0000E+00
28	8.600		0.0000	0.0000%	6752	1825	3.7	2			0.0000E+00
29	8.750		0.0000	0.0000%	15191	3738	4.1	2			0.0000E+00
30	8.883		0.0000	0.0000%	9375	2287	4.1	2			0.0000E+00
31	9.033		0.0000	0.0000%	25707	6498	4.0	2			0.0000E+00
32	9.383		0.0000	0.0000%	11148	2395	4.7	1			0.0000E+00
33	9.767		0.0000	0.0000%	16384	4120	4.0	1			0.0000E+00
34	10.583		0.0000	0.0000%	17004	4436	3.8	1			0.0000E+00
35	11.275		0.0000	0.0000%	2818	866	3.3	1			0.0000E+00
36	12.125		0.0000	0.0000%	2257	524	4.3	1			0.0000E+00
37	13.125		0.0000	0.0000%	7855	1776	4.4	1			0.0000E+00
38	13.850		0.0000	0.0000%	2917	992	2.9	1			0.0000E+00

39	14.133	0.0000	0.0000%	4236	575	7.4	1			0.0000E+00
40	16.217	0.0000	0.0000%	3897	765	5.1	1			0.0000E+00
41	17.092 DCB	0.0009	0.1364%	22175	785	28.2	1	41	0	4.0440E-06

TOTAL AMOUNT = 0.6576

Areas, times, and heights stored in: O:55PCD10.ATB
Data File = O:55PCD10.PTS Printed on 08-16-1998 at 09:03:26
Start time: 0.00 min. Stop time: 17.50 min. Offset: -99 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-16-1998 09:03:35 Version 5.1.5 **********

* Sample Name: AR2148 0.5 PC047D Data File: O:55PCD11 *
* Date: 08-15-1998 14:59:23 Method: O:55PCD1 08-12-1998 19:21:58 # 4575*
* Interface: 4 Cycle#: 11 Operator TMC Channel#: 0 Vial#: N.A. *
* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

* Instrument Type: 3400-A/B Column Type: XTI-5 30M 0.53 1.0um *
* Solvent Description: *
* Conditions: 210 3.5H 260 @6/M H0 295 @15/M H4.34 *
* Detector 0: A4 R1 Detector 1: *
* Misc. Information: INJ-240,DET-310,4.0UL INJ *

****

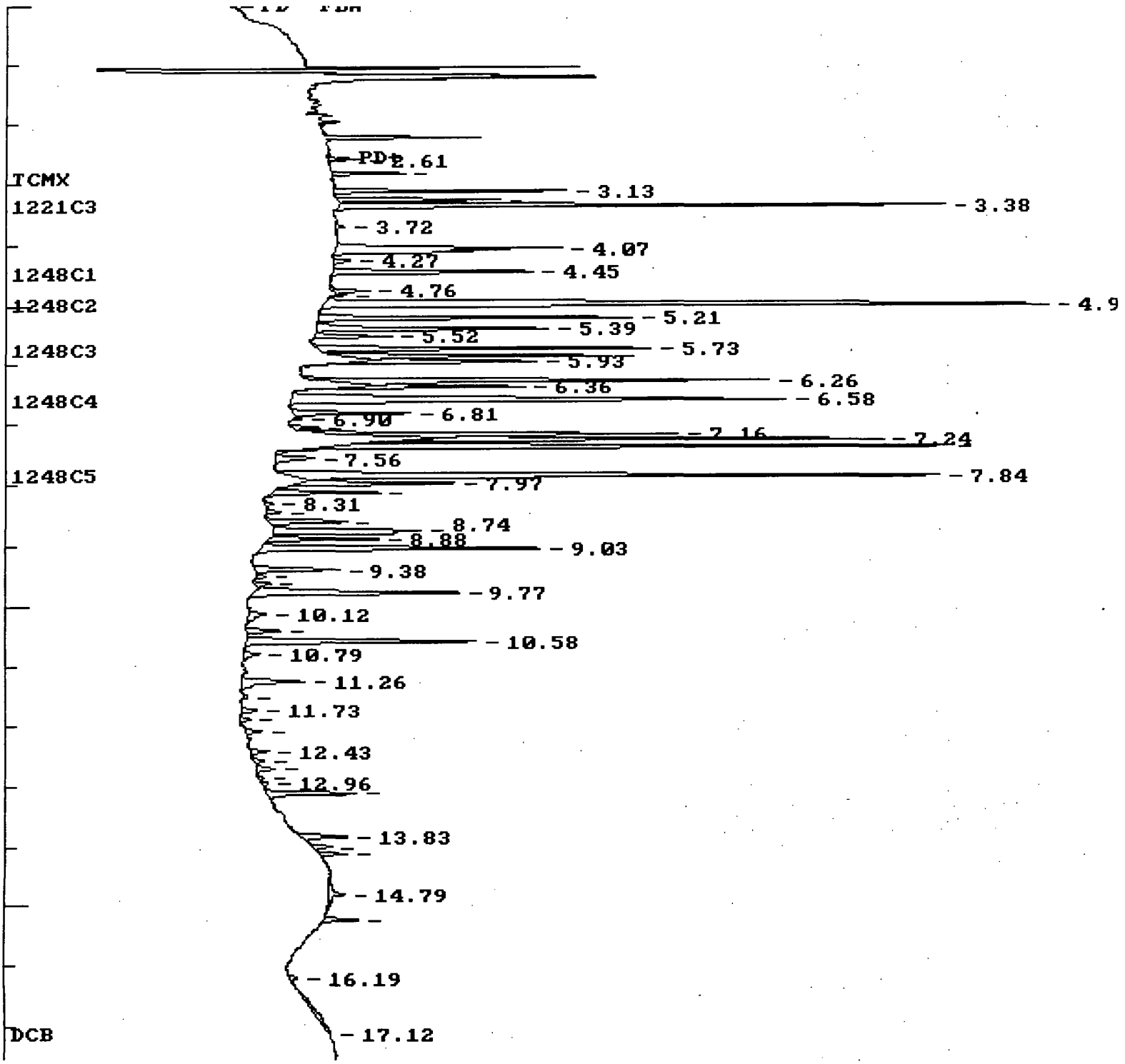
Starting Delay: 0.00 Ending retention time: 17.50
Area reject: 2000 One sample per 0.500 sec.
Amount injected: 1.00 Dilution factor: 1.00
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	2.608		0.0000	0.0000%	13851	6215	2.2	1			0.0000E+00
2	2.842		0.0000	0.0000%	30039	13960	2.2	1			0.0000E+00
3	3.133	1221C1	0.5942	12.5105%	115220	43715	2.6	1	63	-.2142	5.1573E-06
4	3.275	1221C2	0.5956	12.5394%	72452	30412	2.4	1	63	-.2142	8.2206E-06
5	3.375	1221C3	0.5888	12.3967%	302348	113049	2.7	1	63	-.2142	1.9475E-06
6	3.717		0.0000	0.0000%	5182	1764	2.9	1			0.0000E+00
7	4.067		0.0000	0.0000%	205952	42428	4.9	1			0.0000E+00
8	4.267		0.0000	0.0000%	11093	3205	3.5	1			0.0000E+00
9	4.450	1248C1	0.6052	12.7425%	120550	37652	3.2	1	63	-.2142	5.0207E-06
10	4.758		0.0000	0.0000%	17156	6531	2.6	1			0.0000E+00
11	4.833		0.0000	0.0000%	3752	2142	1.8	1			0.0000E+00
12	4.992	1248C2	0.5858	12.3324%	633769	135565	4.7	1	63	-.2038	9.2426E-07
13	5.208		0.0000	0.0000%	185356	58993	3.1	1			0.0000E+00
14	5.392		0.0000	0.0000%	140316	43481	3.2	1			0.0000E+00
15	5.517		0.0000	0.0000%	43587	14586	3.0	1			0.0000E+00
16	5.725	1248C3	0.5978	12.5857%	200229	62245	3.2	1	63	-.2142	2.9856E-06
17	5.842		0.0000	0.0000%	138001	48685	2.8	1			0.0000E+00
18	5.933		0.0000	0.0000%	120656	33857	3.6	1			0.0000E+00
19	6.258		0.0000	0.0000%	239018	78896	3.0	1			0.0000E+00
20	6.358		0.0000	0.0000%	92376	32129	2.9	1			0.0000E+00
21	6.583	1248C4	0.6024	12.6818%	433160	92611	4.7	1	63	-.2063	1.3906E-06
22	6.808		0.0000	0.0000%	71601	21789	3.3	1			0.0000E+00
23	6.900		0.0000	0.0000%	3649	1621	2.3	1			0.0000E+00
24	7.058		0.0000	0.0000%	13271	4579	2.9	1			0.0000E+00
25	7.158		0.0000	0.0000%	151573	53885	2.8	1			0.0000E+00
26	7.242		0.0000	0.0000%	247142	86925	2.8	1			0.0000E+00
27	7.358		0.0000	0.0000%	391730	115461	3.4	1			0.0000E+00
28	7.558		0.0000	0.0000%	32247	7333	4.4	1			0.0000E+00
29	7.842	1248C5	0.5790	12.1894%	492785	120143	4.1	1	63	-.2208	1.1749E-06
30	7.967		0.0000	0.0000%	96112	29105	3.3	1			0.0000E+00
31	8.125		0.0000	0.0000%	68009	20166	3.4	1			0.0000E+00
32	8.308		0.0000	0.0000%	4905	1472	3.3	1			0.0000E+00
33	8.442		0.0000	0.0000%	10131	3015	3.4	1			0.0000E+00
34	8.600		0.0000	0.0000%	52820	14570	3.6	1			0.0000E+00
35	8.742		0.0000	0.0000%	99919	27775	3.6	1			0.0000E+00
36	8.875		0.0000	0.0000%	68646	20503	3.3	1			0.0000E+00
37	9.033		0.0000	0.0000%	199454	52586	3.8	1			0.0000E+00
38	9.383		0.0000	0.0000%	58327	15832	3.7	1			0.0000E+00

39	9.500		0.0000	0.0000%	5847	1909	3.1	1		0.0000E+00
40	9.617		0.0000	0.0000%	7244	2467	2.9	1		0.0000E+00
41	9.767		0.0000	0.0000%	158582	38259	4.1	1		0.0000E+00
42	10.117		0.0000	0.0000%	18903	3404	5.6	1		0.0000E+00
43	10.400		0.0000	0.0000%	23801	6410	3.7	1		0.0000E+00
44	10.575		0.0000	0.0000%	171085	43079	4.0	1		0.0000E+00
45	10.792		0.0000	0.0000%	14780	3122	4.7	1		0.0000E+00
46	11.258		0.0000	0.0000%	54921	11720	4.7	1		0.0000E+00
47	11.517		0.0000	0.0000%	3375	1004	3.4	1		0.0000E+00
48	11.733		0.0000	0.0000%	11406	3065	3.7	1		0.0000E+00
49	11.892		0.0000	0.0000%	7206	1876	3.8	1		0.0000E+00
50	12.100		0.0000	0.0000%	12384	3145	3.9	1		0.0000E+00
51	12.433		0.0000	0.0000%	11780	3486	3.4	1		0.0000E+00
52	12.583		0.0000	0.0000%	6147	1860	3.3	1		0.0000E+00
53	12.717		0.0000	0.0000%	14251	3677	3.9	1		0.0000E+00
54	12.875		0.0000	0.0000%	2511	748	3.4	1		0.0000E+00
55	12.958		0.0000	0.0000%	3420	1065	3.2	1		0.0000E+00
56	13.117		0.0000	0.0000%	58494	16605	3.5	1		0.0000E+00
57	13.825		0.0000	0.0000%	27499	8574	3.2	1		0.0000E+00
58	14.000		0.0000	0.0000%	9871	3427	2.9	1		0.0000E+00
59	14.117		0.0000	0.0000%	15789	5279	3.0	1		0.0000E+00
60	14.792		0.0000	0.0000%	26527	3215	8.3	1		0.0000E+00
61	15.225		0.0000	0.0000%	24668	6715	3.7	1		0.0000E+00
62	16.192		0.0000	0.0000%	6044	1549	3.9	1		0.0000E+00
63	17.117	DCB	0.0010	0.0216%	25375	428	59.2	1	63	0 4.0440E-08

TOTAL AMOUNT = 4.7498

Areas, times, and heights stored in: O:55PCD11.ATB
Data File = O:55PCD11.PTS Printed on 08-16-1998 at 09:03:37
Start time: 0.00 min. Stop time: 17.50 min. Offset: -99 mv.
Full Range: 200 millivolts



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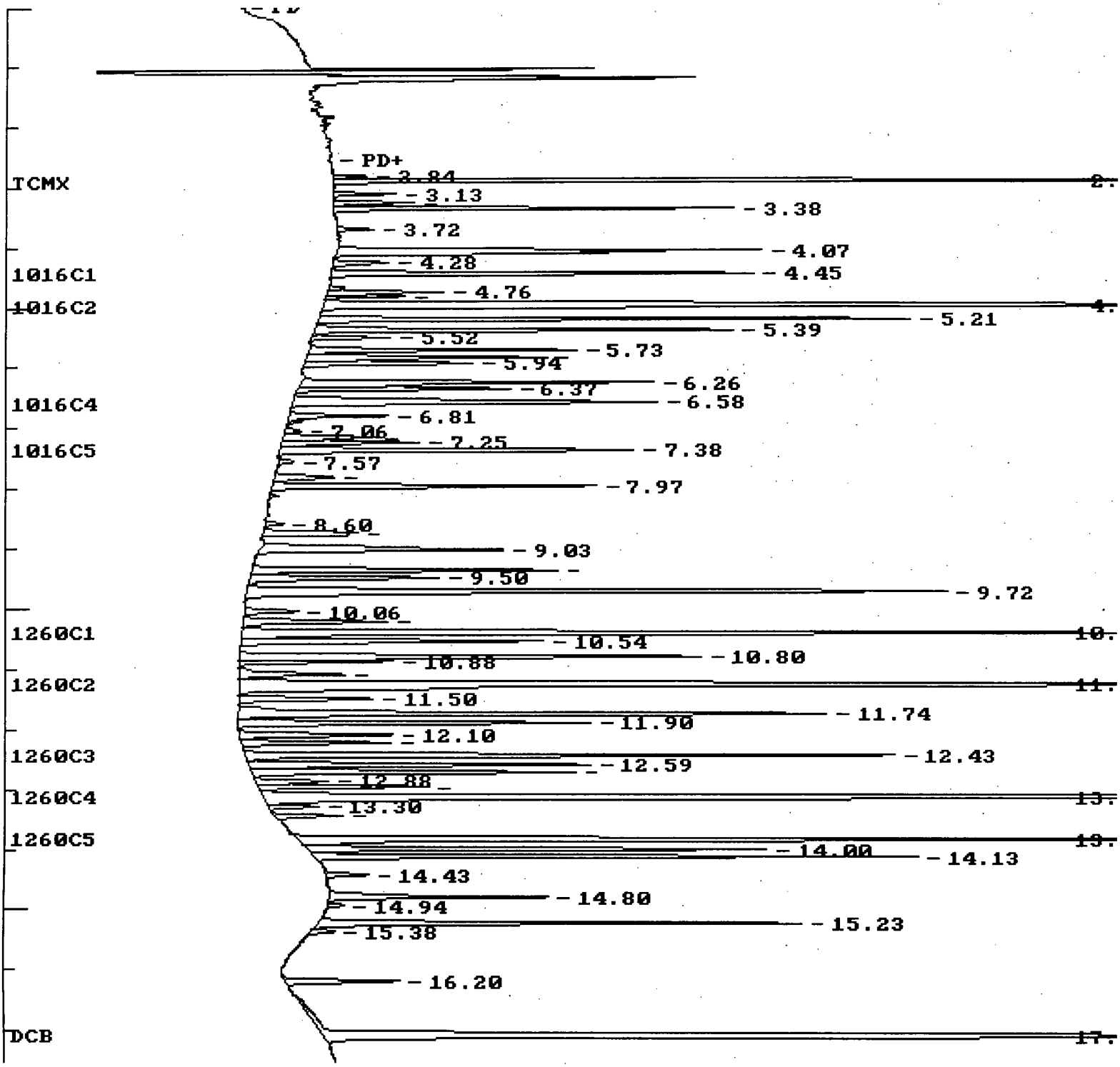
******* EXTERNAL STANDARD TABLE *******
******************** 08-16-1998 09:03:45 Version 5.1.5 ********************
* Sample Name: AR1660 0.5 PC040D                Data File: O:55PCD12        *
* Date: 08-15-1998 15:20:04 Method: O:55PCD2  08-12-1998 19:17:58  #  4475*
* Interface: 4   Cycle#:  12   Operator TMC Channel#: 0    Vial#: N.A.    *
* Starting Peak Width:  5   Threshold: 15  Area Threshold: 1000           *
*************************************************************************
* Instrument Type: 3400-A/B            Column Type: XTI-5 30M 0.53 1.0um *
*            Solvent Description:                                        *
* Conditions: 210 3.5H 260 @6/M H0 295 @15/M H4.34                       *
*            Detector 0:     A4 R1            Detector 1:               *
* Misc. Information: INJ-240,DET-310,4.0UL INJ                           *
*************************************************************************
Starting Delay:    0.00                    Ending retention time:   17.50
Area reject:    10000                      One sample per   0.500 sec.
Amount injected:        1.00               Dilution factor:        1.00
Sample Weight:          1.00000
```

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
2	2.842		0.0000	0.0000%	14497	6392	2.3	2			0.0000E+00
3	2.917	TCMX	0.0217	0.3755%	529622	235935	2.2	2	53	0	4.0927E-08
4	3.125		0.0000	0.0000%	32966	11710	2.8	2			0.0000E+00
5	3.275		0.0000	0.0000%	39433	15328	2.6	2			0.0000E+00
6	3.375		0.0000	0.0000%	200638	74902	2.7	2			0.0000E+00
7	3.717		0.0000	0.0000%	18678	6809	2.7	1			0.0000E+00
8	4.067		0.0000	0.0000%	356948	79489	4.5	1			0.0000E+00
9	4.275		0.0000	0.0000%	39815	10702	3.7	2			0.0000E+00
10	4.450	1016C1	0.5917	10.2488%	255812	79181	3.2	2	53	0	2.3129E-06
12	4.758		0.0000	0.0000%	67787	21896	3.1	2			0.0000E+00
13	4.833		0.0000	0.0000%	42226	14949	2.8	2			0.0000E+00
14	4.992	1016C2	0.5566	9.6411%	864990	182785	4.7	2	53	0	6.4346E-07
15	5.208	1016C3	0.5754	9.9678%	345300	110460	3.1	2	53	-.1314	1.6665E-06
16	5.392		0.0000	0.0000%	250202	78320	3.2	2			0.0000E+00
17	5.517		0.0000	0.0000%	46466	14892	3.1	2			0.0000E+00
18	5.725		0.0000	0.0000%	169982	50285	3.4	2			0.0000E+00
19	5.842		0.0000	0.0000%	147437	45174	3.3	2			0.0000E+00
20	5.942		0.0000	0.0000%	131957	31687	4.2	2			0.0000E+00
21	6.258		0.0000	0.0000%	232912	66001	3.5	2			0.0000E+00
22	6.367		0.0000	0.0000%	148597	39899	3.7	2			0.0000E+00
23	6.583	1016C4	0.5956	10.3172%	321961	68404	4.7	1	53	-.1101	1.8500E-06
24	6.808		0.0000	0.0000%	65728	18406	3.6	3			0.0000E+00
26	7.058		0.0000	0.0000%	11455	2942	3.9	2			0.0000E+00
27	7.167		0.0000	0.0000%	60558	17309	3.5	2			0.0000E+00
28	7.250		0.0000	0.0000%	90483	25661	3.5	2			0.0000E+00
29	7.375	1016C5	0.6027	10.4397%	247095	66265	3.7	2	53	0	2.4391E-06
30	7.567		0.0000	0.0000%	12118	2924	4.1	1			0.0000E+00
31	7.817		0.0000	0.0000%	52846	11258	4.7	2			0.0000E+00
32	7.967		0.0000	0.0000%	222663	60730	3.7	2			0.0000E+00
34	8.600		0.0000	0.0000%	12591	3550	3.5	2			0.0000E+00
35	8.750		0.0000	0.0000%	65705	17842	3.7	2			0.0000E+00
36	9.033		0.0000	0.0000%	231754	45708	5.1	1			0.0000E+00
37	9.367		0.0000	0.0000%	219990	57109	3.9	2			0.0000E+00
38	9.500		0.0000	0.0000%	145884	35405	4.1	2			0.0000E+00
39	9.717		0.0000	0.0000%	566088	130603	4.3	2			0.0000E+00
40	10.058		0.0000	0.0000%	40792	10060	4.1	2			0.0000E+00
41	10.225		0.0000	0.0000%	109320	26927	4.1	2			0.0000E+00
42	10.408	1260C1	0.5698	9.8700%	681640	176446	3.9	2	53	0	8.3593E-07

43	10.542		0.0000	0.0000%	227597	56671	4.0	2			0.0000E+00
44	10.800		0.0000	0.0000%	351554	86410	4.1	2			0.0000E+00
45	10.883		0.0000	0.0000%	87795	28819	3.0	2			0.0000E+00
46	11.100		0.0000	0.0000%	82527	20006	4.1	2			0.0000E+00
47	11.258	1260C2	0.5461	9.4591%	1083853	234995	4.6	2	53	0	5.0383E-07
48	11.500		0.0000	0.0000%	100888	25185	4.0	2			0.0000E+00
49	11.742		0.0000	0.0000%	461314	109727	4.2	2			0.0000E+00
50	11.900		0.0000	0.0000%	259729	66019	3.9	2			0.0000E+00
51	12.100		0.0000	0.0000%	117683	28587	4.1	2			0.0000E+00
52	12.233		0.0000	0.0000%	102233	27929	3.7	2			0.0000E+00
53	12.433	1260C3	0.5828	10.0949%	436034	120858	3.6	2	53	0	1.3366E-06
54	12.592		0.0000	0.0000%	229644	63797	3.6	2			0.0000E+00
55	12.717		0.0000	0.0000%	247561	60445	4.1	2			0.0000E+00
56	12.875		0.0000	0.0000%	46642	13437	3.5	2			0.0000E+00
57	12.967		0.0000	0.0000%	104749	31612	3.3	2			0.0000E+00
58	13.125	1260C4	0.5416	9.3818%	1552104	474464	3.3	2	53	0	3.4896E-07
59	13.300		0.0000	0.0000%	30185	9300	3.2	2			0.0000E+00
60	13.450		0.0000	0.0000%	39727	12390	3.2	1			0.0000E+00
61	13.833	1260C5	0.5435	9.4143%	680162	194394	3.5	2	53	0	7.9906E-07
62	14.000		0.0000	0.0000%	277945	85621	3.2	2			0.0000E+00
63	14.125		0.0000	0.0000%	349259	112275	3.1	2			0.0000E+00
64	14.433		0.0000	0.0000%	27034	8017	3.4	1			0.0000E+00
65	14.800		0.0000	0.0000%	153407	41038	3.7	2			0.0000E+00
66	14.942		0.0000	0.0000%	10144	3171	3.2	2			0.0000E+00
67	15.233		0.0000	0.0000%	318518	90305	3.5	2			0.0000E+00
68	15.375		0.0000	0.0000%	22960	4658	4.9	2			0.0000E+00
69	16.200		0.0000	0.0000%	83341	21173	3.9	1			0.0000E+00
70	17.083	DCB	0.0456	0.7898%	1127423	254591	4.4	1	70	0	4.0440E-08

TOTAL AMOUNT = 5.7731

Areas, times, and heights stored in: O:55PCD12.ATB
Data File = O:55PCD12.PTS Printed on 08-16-1998 at 09:03:48
Start time: 0.00 min. Stop time: 17.50 min. Offset: -99 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-16-1998 09:03:56 Version 5.1.5 **********

* Sample Name: AR1254 0.5 PC051D Data File: O:55PCD13 *
* Date: 08-15-1998 15:40:25 Method: O:55PCD3 08-12-1998 19:27:15 # 3191*
* Interface: 4 Cycle#: 13 Operator TMC Channel#: 0 Vial#: N.A. *
* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

* Instrument Type: 3400-A/B Column Type: XTI-5 30M 0.53 1.0um *
* Solvent Description: *
* Conditions: 210 3.5H 260 @6/M H0 295 @15/M H4.34 *
* Detector 0: A4 R1 Detector 1: *
* Misc. Information: INJ-240,DET-310,4.0UL INJ *

****

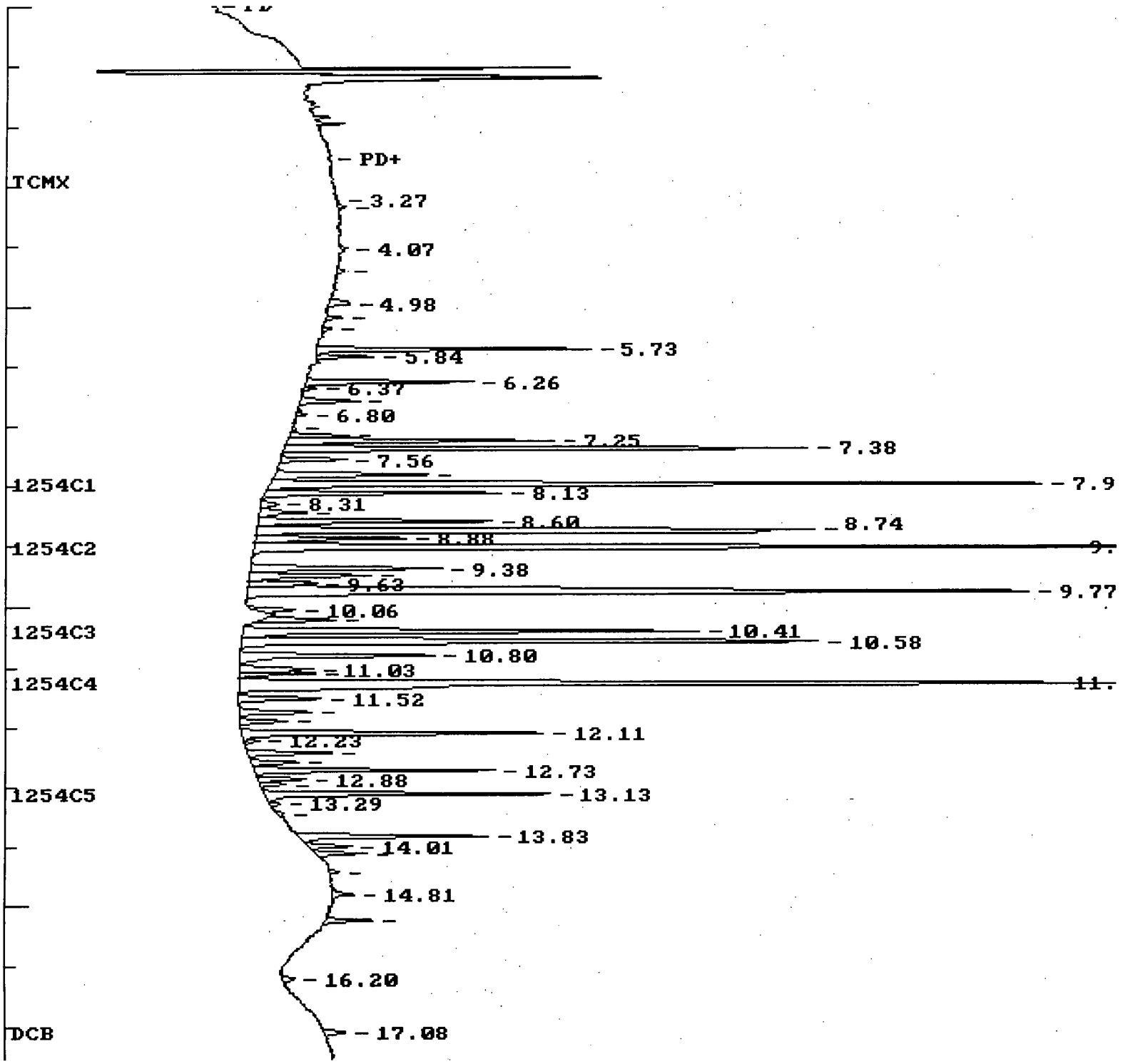
Starting Delay: 0.00 Ending retention time: 17.50
Area reject: 2000 One sample per 0.500 sec.
Amount injected: 1.00 Dilution factor: 1.00
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
2	3.267		0.0000	0.0000%	2458	697	3.5	2			0.0000E+00
3	3.375		0.0000	0.0000%	4797	1623	3.0	2			0.0000E+00
4	4.067		0.0000	0.0000%	2454	1019	2.4	1			0.0000E+00
5	4.450		0.0000	0.0000%	4681	1506	3.1	1			0.0000E+00
6	4.983		0.0000	0.0000%	20283	4012	5.1	1			0.0000E+00
7	5.208		0.0000	0.0000%	9886	3097	3.2	1			0.0000E+00
8	5.392		0.0000	0.0000%	5615	1689	3.3	1			0.0000E+00
9	5.725		0.0000	0.0000%	163355	51414	3.2	2			0.0000E+00
10	5.842		0.0000	0.0000%	31333	10721	2.9	2			0.0000E+00
11	6.258		0.0000	0.0000%	101012	31365	3.2	3			0.0000E+00
12	6.367		0.0000	0.0000%	8990	2698	3.3	4			0.0000E+00
13	6.583		0.0000	0.0000%	43190	11300	3.8	2			0.0000E+00
14	6.800		0.0000	0.0000%	6982	1988	3.5	2			0.0000E+00
15	7.042		0.0000	0.0000%	2628	776	3.4	2			0.0000E+00
16	7.158		0.0000	0.0000%	37611	11090	3.4	2			0.0000E+00
17	7.250		0.0000	0.0000%	177003	50063	3.5	2			0.0000E+00
18	7.375		0.0000	0.0000%	356521	97990	3.6	2			0.0000E+00
19	7.558		0.0000	0.0000%	42929	12523	3.4	1			0.0000E+00
20	7.808		0.0000	0.0000%	123691	28541	4.3	2			0.0000E+00
21	7.975	1254C1	0.5721	20.1524%	552805	144485	3.8	2	51	0	1.0350E-06
22	8.125		0.0000	0.0000%	164038	44321	3.7	2			0.0000E+00
23	8.308		0.0000	0.0000%	14686	3286	4.5	2			0.0000E+00
24	8.450		0.0000	0.0000%	38741	8912	4.3	2			0.0000E+00
25	8.600		0.0000	0.0000%	167814	43848	3.8	2			0.0000E+00
26	8.742		0.0000	0.0000%	405684	104242	3.9	2			0.0000E+00
27	8.883		0.0000	0.0000%	109715	28367	3.9	2			0.0000E+00
28	9.033	1254C2	0.5500	19.3744%	787453	206269	3.8	2	51	0	6.9852E-07
29	9.383		0.0000	0.0000%	145172	35908	4.0	2			0.0000E+00
30	9.500		0.0000	0.0000%	94139	22884	4.1	2			0.0000E+00
31	9.625		0.0000	0.0000%	49965	12894	3.9	2			0.0000E+00
32	9.767		0.0000	0.0000%	773325	146349	5.3	2			0.0000E+00
33	10.058		0.0000	0.0000%	21262	6229	3.4	1			0.0000E+00
34	10.225		0.0000	0.0000%	54793	14568	3.8	1			0.0000E+00
35	10.408	1254C3	0.5876	20.6955%	331959	85241	3.9	2	51	0	1.7700E-06
36	10.575		0.0000	0.0000%	517615	107685	4.8	2			0.0000E+00
37	10.800		0.0000	0.0000%	151717	36277	4.2	2			0.0000E+00
38	11.025		0.0000	0.0000%	52703	13822	3.8	2			0.0000E+00
39	11.092		0.0000	0.0000%	51951	14351	3.6	2			0.0000E+00

40	11.258	1254C4	0.5602	19.7331%	846435	179573	4.7	2	51	0	6.6188E-07
41	11.517		0.0000	0.0000%	63613	15570	4.1	2			0.0000E+00
42	11.742		0.0000	0.0000%	53712	13482	4.0	1			0.0000E+00
43	11.900		0.0000	0.0000%	34799	9039	3.8	1			0.0000E+00
44	12.108		0.0000	0.0000%	231014	56633	4.1	3			0.0000E+00
45	12.225		0.0000	0.0000%	8604	2477	3.5	4			0.0000E+00
46	12.433		0.0000	0.0000%	58807	15845	3.7	2			0.0000E+00
47	12.592		0.0000	0.0000%	31441	8972	3.5	2			0.0000E+00
48	12.733		0.0000	0.0000%	163594	44761	3.7	2			0.0000E+00
49	12.883		0.0000	0.0000%	29481	8774	3.4	2			0.0000E+00
50	12.967		0.0000	0.0000%	14810	4793	3.1	2			0.0000E+00
51	13.125	1254C5	0.5684	20.0209%	185699	53326	3.5	2	51	0	3.0609E-06
52	13.292		0.0000	0.0000%	5901	1752	3.4	2			0.0000E+00
53	13.467		0.0000	0.0000%	3253	896	3.6	1			0.0000E+00
54	13.833		0.0000	0.0000%	123162	35327	3.5	2			0.0000E+00
55	14.008		0.0000	0.0000%	27629	7791	3.5	2			0.0000E+00
56	14.125		0.0000	0.0000%	30048	9302	3.2	2			0.0000E+00
57	14.425		0.0000	0.0000%	5993	1808	3.3	1			0.0000E+00
58	14.808		0.0000	0.0000%	16838	3967	4.2	1			0.0000E+00
59	15.233		0.0000	0.0000%	31170	9012	3.5	1			0.0000E+00
60	16.200		0.0000	0.0000%	9019	2184	4.1	1			0.0000E+00
61	17.083	DCB	0.0007	0.0237%	16610	3915	4.2	1	21	0	4.0440E-08

TOTAL AMOUNT = 2.8391

Areas, times, and heights stored in: O:55PCD13.ATB
Data File = O:55PCD13.PTS Printed on 08-16-1998 at 09:03:59
Start time: 0.00 min. Stop time: 17.50 min. Offset: -99 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-16-1998 09:04:07 Version 5.1.5 **********

* Sample Name: AR1242 0.5 PC055D Data File: O:55PCD14 *

* Date: 08-15-1998 16:01:03 Method: O:55PCD4 08-12-1998 19:29:27 # 4200*

* Interface: 4 Cycle#: 14 Operator TMC Channel#: 0 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

* Instrument Type: 3400-A/B Column Type: XTI-5 30M 0.53 1.0um *

* Solvent Description: *

* Conditions: 210 3.5H 260 @6/M H0 295 @15/M H4.34 *

* Detector 0: A4 R1 Detector 1: *

* Misc. Information: INJ-240,DET-310,4.0UL INJ *

****

Starting Delay: 0.00 Ending retention time: 17.50

Area reject: 2000 One sample per 0.500 sec.

Amount injected: 1.00 Dilution factor: 1.00

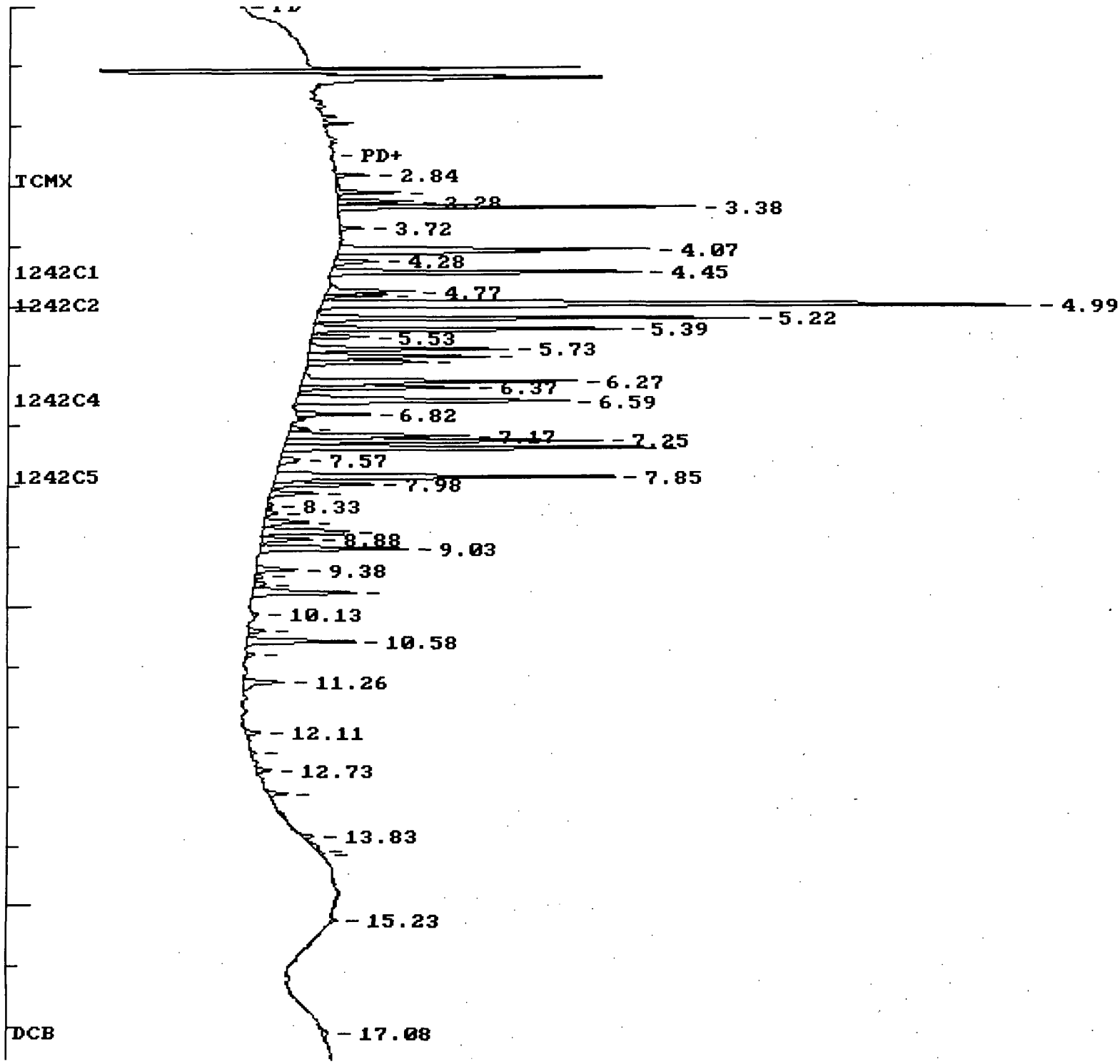
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	2.842		0.0000	0.0000%	13773	6519	2.1	1			0.0000E+00
2	3.133		0.0000	0.0000%	36894	11960	3.1	2			0.0000E+00
3	3.275		0.0000	0.0000%	36854	14258	2.6	2			0.0000E+00
4	3.375		0.0000	0.0000%	171765	66947	2.6	2			0.0000E+00
5	3.717		0.0000	0.0000%	12154	4580	2.7	1			0.0000E+00
6	4.067		0.0000	0.0000%	263822	58501	4.5	2			0.0000E+00
7	4.275		0.0000	0.0000%	30876	8282	3.7	2			0.0000E+00
8	4.450	1242C1	0.5855	20.4106%	191455	58373	3.3	2	0	0	3.0580E-06
9	4.767		0.0000	0.0000%	53627	16348	3.3	2			0.0000E+00
10	4.833		0.0000	0.0000%	33815	11632	2.9	2			0.0000E+00
11	4.992	1242C2	0.5578	19.4469%	628602	132810	4.7	2	0	0	8.8742E-07
12	5.217	1242C3	0.5817	20.2785%	260730	81128	3.2	2	0	.1399	2.2310E-06
13	5.392		0.0000	0.0000%	187210	57904	3.2	2			0.0000E+00
14	5.525		0.0000	0.0000%	34038	10836	3.1	2			0.0000E+00
15	5.725		0.0000	0.0000%	130815	37362	3.5	2			0.0000E+00
16	5.850		0.0000	0.0000%	111127	34147	3.3	2			0.0000E+00
17	5.942		0.0000	0.0000%	94941	22522	4.2	2			0.0000E+00
18	6.267		0.0000	0.0000%	184859	51513	3.6	2			0.0000E+00
19	6.367		0.0000	0.0000%	118454	31767	3.7	2			0.0000E+00
20	6.592	1242C4	0.5814	20.2698%	242100	51278	4.7	1	0	.1265	2.4016E-06
21	6.817		0.0000	0.0000%	45479	13598	3.3	1			0.0000E+00
22	7.058		0.0000	0.0000%	11443	3403	3.4	2			0.0000E+00
23	7.167		0.0000	0.0000%	114039	33814	3.4	2			0.0000E+00
24	7.250		0.0000	0.0000%	209128	59197	3.5	2			0.0000E+00
25	7.367		0.0000	0.0000%	252504	69626	3.6	2			0.0000E+00
26	7.567		0.0000	0.0000%	20907	3669	5.7	1			0.0000E+00
27	7.850	1242C5	0.5618	19.5863%	274991	63554	4.3	2	0	.1062	2.0431E-06
28	7.975		0.0000	0.0000%	71898	18919	3.8	2			0.0000E+00
29	8.125		0.0000	0.0000%	33298	9047	3.7	2			0.0000E+00
30	8.325		0.0000	0.0000%	5036	1135	4.4	2			0.0000E+00
31	8.450		0.0000	0.0000%	10289	2254	4.6	2			0.0000E+00
32	8.600		0.0000	0.0000%	34936	8280	4.2	2			0.0000E+00
33	8.750		0.0000	0.0000%	67941	16340	4.2	2			0.0000E+00
34	8.883		0.0000	0.0000%	36083	9757	3.7	2			0.0000E+00
35	9.033		0.0000	0.0000%	107921	27826	3.9	2			0.0000E+00
36	9.383		0.0000	0.0000%	30642	7810	3.9	2			0.0000E+00
37	9.500		0.0000	0.0000%	5941	1555	3.8	2			0.0000E+00
38	9.625		0.0000	0.0000%	8763	2303	3.8	2			0.0000E+00

39	9.767		0.0000	0.0000%	86756	19419	4.5	2		0.0000E+00
40	10.133		0.0000	0.0000%	3853	1084	3.6	1		0.0000E+00
41	10.408		0.0000	0.0000%	12717	3311	3.8	2		0.0000E+00
42	10.583		0.0000	0.0000%	84641	20307	4.2	2		0.0000E+00
43	10.808		0.0000	0.0000%	7869	1770	4.4	1		0.0000E+00
44	11.258		0.0000	0.0000%	35716	7569	4.7	1		0.0000E+00
45	12.108		0.0000	0.0000%	11698	2860	4.1	1		0.0000E+00
46	12.442		0.0000	0.0000%	3593	999	3.6	1		0.0000E+00
47	12.733		0.0000	0.0000%	9982	2643	3.8	1		0.0000E+00
48	13.125		0.0000	0.0000%	12216	3560	3.4	1		0.0000E+00
49	13.833		0.0000	0.0000%	7101	2235	3.2	2		0.0000E+00
50	14.067		0.0000	0.0000%	5688	464	12.2	2		0.0000E+00
51	14.125		0.0000	0.0000%	2640	871	3.0	2		0.0000E+00
52	15.233		0.0000	0.0000%	4129	1174	3.5	1		0.0000E+00
53	17.083	DCS	0.0002	0.0079%	5611	1179	4.8	1	0	0	4.0440E-08

TOTAL AMOUNT = 2.8685

Areas, times, and heights stored in: O:55PCD14.ATB
Data File = O:55PCD14.PTS Printed on 08-16-1998 at 09:04:09
Start time: 0.00 min. Stop time: 17.50 min. Offset: -99 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-16-1998 09:04:17 Version 5.1.5 **********

* Sample Name: AR2148 1.0 PC048D Data File: O:55PCD15 *
* Date: 08-15-1998 16:29:24 Method: O:55PCD1 08-12-1998 19:21:58 # 4575*
* Interface: 4 Cycle#: 15 Operator TMC Channel#: 0 Vial#: N.A. *
* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

* Instrument Type: 3400-A/B Column Type: XTI-5 30M 0.53 1.0um *
* Solvent Description: *
* Conditions: 210 3.5H 260 @6/M H0 295 @15/M H4.34 *
* Detector 0: A4 R1 Detector 1: *
* Misc. Information: INJ-240,DET-310,4.0UL INJ *

****

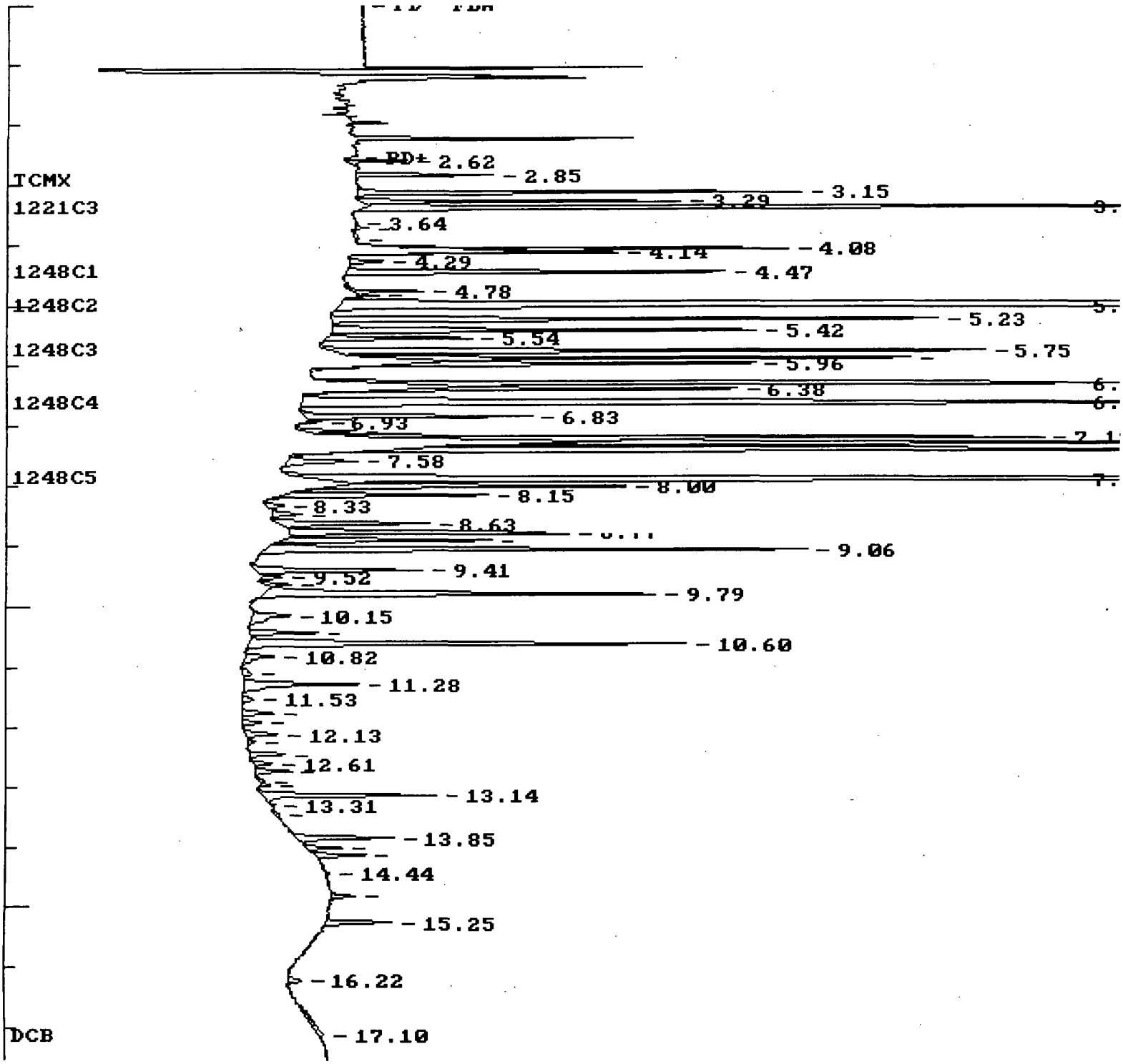
Starting Delay: 0.00 Ending retention time: 17.50
Area reject: 2000 One sample per 0.500 sec.
Amount injected: 1.00 Dilution factor: 1.00
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	2.617		0.0000	0.0000%	22898	10959	2.1	1			0.0000E+00
2	2.850		0.0000	0.0000%	56096	25857	2.2	1			0.0000E+00
4	3.150	1221C1	1.1554	12.5772%	224041	82901	2.7	1	72	.4143	5.1573E-06
5	3.292	1221C2	1.1366	12.3717%	138257	59346	2.3	1	72	.3913	8.2206E-06
6	3.392	1221C3	1.1550	12.5726%	593082	223090	2.7	1	72	.3762	1.9475E-06
7	3.642		0.0000	0.0000%	2689	645	4.2	1			0.0000E+00
8	3.733		0.0000	0.0000%	6051	2761	2.2	1			0.0000E+00
9	3.925		0.0000	0.0000%	5962	725	8.2	1			0.0000E+00
10	4.083		0.0000	0.0000%	124994	52695	2.4	1			0.0000E+00
11	4.142		0.0000	0.0000%	35677	21505	1.7	1			0.0000E+00
12	4.292		0.0000	0.0000%	21404	6492	3.3	1			0.0000E+00
13	4.467	1248C1	1.1545	12.5675%	229959	70796	3.2	1	72	.2571	5.0207E-06
14	4.783		0.0000	0.0000%	30432	12281	2.5	1			0.0000E+00
15	4.850		0.0000	0.0000%	8891	4218	2.1	1			0.0000E+00
16	5.008	1248C2	1.1593	12.6190%	1254276	268788	4.7	1	72	.2269	9.2426E-07
17	5.233		0.0000	0.0000%	350911	113050	3.1	1			0.0000E+00
18	5.417		0.0000	0.0000%	254240	79090	3.2	1			0.0000E+00
19	5.542		0.0000	0.0000%	81526	27206	3.0	1			0.0000E+00
20	5.750	1248C3	1.1382	12.3894%	381230	120588	3.2	1	72	.3192	2.9856E-06
21	5.867		0.0000	0.0000%	261473	93879	2.8	1			0.0000E+00
22	5.958		0.0000	0.0000%	226876	63791	3.6	1			0.0000E+00
23	6.283		0.0000	0.0000%	456301	152472	3.0	1			0.0000E+00
24	6.383		0.0000	0.0000%	173163	59785	2.9	1			0.0000E+00
25	6.608	1248C4	1.1512	12.5315%	827860	179320	4.6	1	72	.2702	1.3906E-06
26	6.833		0.0000	0.0000%	137794	42060	3.3	1			0.0000E+00
27	6.925		0.0000	0.0000%	5455	2727	2.0	1			0.0000E+00
28	7.083		0.0000	0.0000%	24529	8346	2.9	1			0.0000E+00
29	7.183		0.0000	0.0000%	287736	102363	2.8	1			0.0000E+00
30	7.275		0.0000	0.0000%	484548	173030	2.8	1			0.0000E+00
31	7.383		0.0000	0.0000%	766805	231083	3.3	1			0.0000E+00
32	7.583		0.0000	0.0000%	54518	13310	4.1	1			0.0000E+00
33	7.867	1248C5	1.1354	12.3586%	966343	241754	4.0	1	72	.1948	1.1749E-06
34	8.000		0.0000	0.0000%	183119	55316	3.3	1			0.0000E+00
35	8.150		0.0000	0.0000%	131079	38296	3.4	1			0.0000E+00
36	8.325		0.0000	0.0000%	10794	2836	3.8	1			0.0000E+00
37	8.475		0.0000	0.0000%	19658	5576	3.5	1			0.0000E+00
38	8.625		0.0000	0.0000%	102784	27872	3.7	1			0.0000E+00
39	8.767		0.0000	0.0000%	192274	52149	3.7	1			0.0000E+00

40	8.908		0.0000	0.0000%	129940	38882	3.3	1		0.0000E+00
41	9.058		0.0000	0.0000%	376290	100598	3.7	1		0.0000E+00
42	9.408		0.0000	0.0000%	111302	30445	3.7	1		0.0000E+00
43	9.525		0.0000	0.0000%	11528	3876	3.0	1		0.0000E+00
44	9.642		0.0000	0.0000%	13595	4592	3.0	1		0.0000E+00
45	9.792		0.0000	0.0000%	293660	73162	4.0	1		0.0000E+00
46	10.150		0.0000	0.0000%	40761	7195	5.7	1		0.0000E+00
47	10.425		0.0000	0.0000%	46086	12600	3.7	1		0.0000E+00
48	10.600		0.0000	0.0000%	326716	81732	4.0	1		0.0000E+00
49	10.817		0.0000	0.0000%	28034	5560	5.0	1		0.0000E+00
50	11.108		0.0000	0.0000%	11143	1851	6.0	1		0.0000E+00
51	11.275		0.0000	0.0000%	99395	21368	4.7	1		0.0000E+00
52	11.525		0.0000	0.0000%	10189	2228	4.6	1		0.0000E+00
53	11.767		0.0000	0.0000%	21744	5818	3.7	1		0.0000E+00
54	11.925		0.0000	0.0000%	13846	3619	3.8	1		0.0000E+00
55	12.125		0.0000	0.0000%	23878	5894	4.1	1		0.0000E+00
56	12.250		0.0000	0.0000%	4584	1408	3.3	1		0.0000E+00
57	12.450		0.0000	0.0000%	24468	6702	3.7	1		0.0000E+00
58	12.608		0.0000	0.0000%	11720	3574	3.3	1		0.0000E+00
59	12.742		0.0000	0.0000%	24818	6699	3.7	1		0.0000E+00
60	12.908		0.0000	0.0000%	2719	836	3.3	1		0.0000E+00
61	12.983		0.0000	0.0000%	5635	2167	2.6	1		0.0000E+00
62	13.142		0.0000	0.0000%	114202	32307	3.5	1		0.0000E+00
63	13.308		0.0000	0.0000%	2575	806	3.2	1		0.0000E+00
64	13.467		0.0000	0.0000%	2479	697	3.6	1		0.0000E+00
65	13.850		0.0000	0.0000%	62210	17779	3.5	1		0.0000E+00
66	14.017		0.0000	0.0000%	18416	6386	2.9	1		0.0000E+00
67	14.133		0.0000	0.0000%	30395	9423	3.2	1		0.0000E+00
68	14.442		0.0000	0.0000%	2777	1040	2.7	1		0.0000E+00
69	14.817		0.0000	0.0000%	15810	4662	3.4	1		0.0000E+00
70	15.250		0.0000	0.0000%	44742	12558	3.6	1		0.0000E+00
71	16.217		0.0000	0.0000%	10377	2532	4.1	1		0.0000E+00
72	17.100	DCB	0.0011	0.0125%	28295	1162	24.3	1	72	0	4.0440E-08

TOTAL AMOUNT = 9.1867

Areas, times, and heights stored in: O:55PCD15.ATB
Data File = O:55PCD15.PTS Printed on 08-16-1998 at 09:04:19
Start time: 0.00 min. Stop time: 17.50 min. Offset: -99 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-16-1998 09:04:28 Version 5.1.5 **********

* Sample Name: AR1660 1.0 PC041D Data File: O:55PCD16 *
* Date: 08-15-1998 16:50:02 Method: O:55PCD2 08-12-1998 19:17:58 # 4475*
* Interface: 4 Cycle#: 16 Operator TMC Channel#: 0 Vial#: N.A. *
* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

* Instrument Type: 3400-A/B Column Type: XTI-5 30M 0.53 1.0um *
* Solvent Description: *
* Conditions: 210 3.5H 260 @6/M H0 295 @15/M H4.34 *
* Detector 0: A4 R1 Detector 1: *
* Misc. Information: INJ-240,DET-310,4.0UL INJ *

****

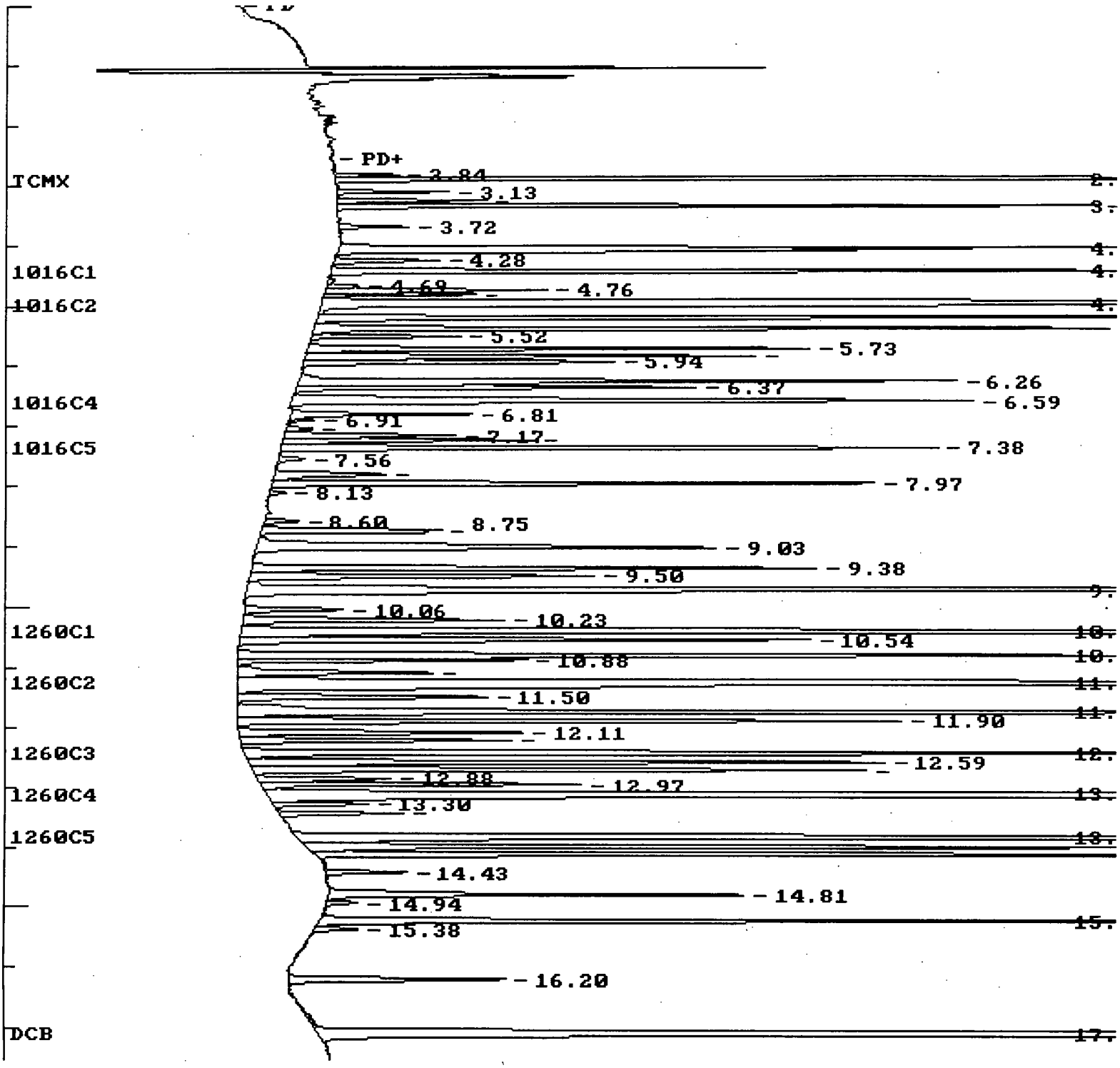
Starting Delay: 0.00 Ending retention time: 17.50
Area reject: 10000 One sample per 0.500 sec.
Amount injected: 1.00 Dilution factor: 1.00
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	2.842		0.0000	0.0000%	27171	12097	2.2	2			0.0000E+00
2	2.917	TCMX	0.0451	0.4000%	1101677	523137	2.1	2	53	0	4.0927E-08
3	3.125		0.0000	0.0000%	57710	21121	2.7	1			0.0000E+00
4	3.275		0.0000	0.0000%	69807	28165	2.5	2			0.0000E+00
5	3.375		0.0000	0.0000%	374141	142585	2.6	2			0.0000E+00
6	3.717		0.0000	0.0000%	35640	13192	2.7	1			0.0000E+00
7	4.067		0.0000	0.0000%	669289	150033	4.5	1			0.0000E+00
8	4.275		0.0000	0.0000%	70572	19931	3.5	2			0.0000E+00
9	4.450	1016C1	1.1099	9.8453%	479856	149225	3.2	2	53	0	2.3129E-06
11	4.692		0.0000	0.0000%	17153	6319	2.7	2			0.0000E+00
12	4.758		0.0000	0.0000%	130598	41635	3.1	2			0.0000E+00
13	4.833		0.0000	0.0000%	81356	28551	2.8	2			0.0000E+00
14	4.992	1016C2	1.1108	9.8533%	1726235	375921	4.6	2	53	0	6.4346E-07
15	5.217	1016C3	1.1093	9.8407%	665665	213218	3.1	2	53	0	1.6665E-06
16	5.392		0.0000	0.0000%	482180	149220	3.2	2			0.0000E+00
17	5.517		0.0000	0.0000%	89859	28021	3.2	2			0.0000E+00
18	5.725		0.0000	0.0000%	320025	93757	3.4	2			0.0000E+00
19	5.850		0.0000	0.0000%	275083	84286	3.3	2			0.0000E+00
20	5.942		0.0000	0.0000%	247900	58421	4.2	2			0.0000E+00
21	6.258		0.0000	0.0000%	443510	122721	3.6	2			0.0000E+00
22	6.367		0.0000	0.0000%	281097	74884	3.8	2			0.0000E+00
23	6.592	1016C4	1.1138	9.8805%	602079	127247	4.7	2	53	.0162	1.8500E-06
24	6.808		0.0000	0.0000%	121021	33966	3.6	3			0.0000E+00
25	6.908		0.0000	0.0000%	13508	4525	3.0	4			0.0000E+00
26	7.058		0.0000	0.0000%	19175	5026	3.8	2			0.0000E+00
27	7.167		0.0000	0.0000%	110290	32189	3.4	2			0.0000E+00
28	7.250		0.0000	0.0000%	170943	47308	3.6	2			0.0000E+00
29	7.375	1016C5	1.1081	9.8293%	454289	122663	3.7	2	53	0	2.4391E-06
30	7.558		0.0000	0.0000%	21240	5060	4.2	2			0.0000E+00
31	7.817		0.0000	0.0000%	101968	21031	4.8	2			0.0000E+00
32	7.967		0.0000	0.0000%	412369	112498	3.7	2			0.0000E+00
33	8.125		0.0000	0.0000%	10413	3071	3.4	2			0.0000E+00
34	8.600		0.0000	0.0000%	24108	6552	3.7	2			0.0000E+00
35	8.750		0.0000	0.0000%	124522	33713	3.7	2			0.0000E+00
36	9.033		0.0000	0.0000%	445695	86129	5.2	2			0.0000E+00
37	9.375		0.0000	0.0000%	405368	105519	3.8	2			0.0000E+00
38	9.500		0.0000	0.0000%	265655	64734	4.1	2			0.0000E+00
39	9.717		0.0000	0.0000%	1076814	254872	4.2	2			0.0000E+00

40	10.058		0.0000	0.0000%	74308	18550	4.0	2			0.0000E+00
41	10.225		0.0000	0.0000%	200571	49152	4.1	2			0.0000E+00
42	10.408	1260C1	1.1119	9.8634%	1330142	358873	3.7	2	53	0	8.3593E-07
43	10.542		0.0000	0.0000%	429585	106526	4.0	2			0.0000E+00
44	10.800		0.0000	0.0000%	653581	164073	4.0	2			0.0000E+00
45	10.883		0.0000	0.0000%	167496	54007	3.1	2			0.0000E+00
46	11.100		0.0000	0.0000%	153542	36285	4.2	2			0.0000E+00
47	11.258	1260C2	1.1113	9.8581%	2205707	512357	4.3	2	53	0	5.0383E-07
48	11.500		0.0000	0.0000%	191391	46673	4.1	2			0.0000E+00
49	11.750		0.0000	0.0000%	872525	210864	4.1	2			0.0000E+00
50	11.900		0.0000	0.0000%	485528	123820	3.9	2			0.0000E+00
51	12.108		0.0000	0.0000%	219588	53239	4.1	2			0.0000E+00
52	12.233		0.0000	0.0000%	188470	50870	3.7	2			0.0000E+00
53	12.433	1260C3	1.1139	9.8815%	833438	235703	3.5	2	53	0	1.3366E-06
54	12.592		0.0000	0.0000%	425480	118442	3.6	2			0.0000E+00
55	12.725		0.0000	0.0000%	462162	114211	4.0	2			0.0000E+00
56	12.875		0.0000	0.0000%	83792	24597	3.4	2			0.0000E+00
57	12.967		0.0000	0.0000%	193631	59838	3.2	2			0.0000E+00
58	13.117	1260C4	1.1297	10.0212%	3237355	868685	3.7	OV	53	0	3.4896E-07
59	13.300		0.0000	0.0000%	57068	17731	3.2	2			0.0000E+00
60	13.450		0.0000	0.0000%	74415	23202	3.2	1			0.0000E+00
61	13.833	1260C5	1.1158	9.8982%	1396413	410771	3.4	2	53	0	7.9906E-07
62	14.008		0.0000	0.0000%	532048	165641	3.2	2			0.0000E+00
63	14.125		0.0000	0.0000%	672817	224082	3.0	2			0.0000E+00
64	14.433		0.0000	0.0000%	50341	15285	3.3	1			0.0000E+00
65	14.808		0.0000	0.0000%	288420	77833	3.7	2			0.0000E+00
66	14.942		0.0000	0.0000%	20149	5925	3.4	2			0.0000E+00
67	15.233		0.0000	0.0000%	610357	177016	3.4	2			0.0000E+00
68	15.383		0.0000	0.0000%	34809	8346	4.2	2			0.0000E+00
69	16.200		0.0000	0.0000%	158049	40566	3.9	1			0.0000E+00
70	17.083	DCB	0.0934	0.8286%	2309823	576198	4.0	1	70	0	4.0440E-08

TOTAL AMOUNT = 11.2730

Areas, times, and heights stored in: O:55PCD16.ATB
Data File = O:55PCD16.PTS Printed on 08-16-1998 at 09:04:30
Start time: 0.00 min. Stop time: 17.50 min. Offset: -99 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-16-1998 09:04:38 Version 5.1.5 **********

* Sample Name: AR1254 1.0 PC052D Data File: O:55PCD17 *
* Date: 08-15-1998 17:10:39 Method: O:55PCD3 08-12-1998 19:27:15 # 3191*
* Interface: 4 Cycle#: 17 Operator TMC Channel#: 0 Vial#: N.A. *
* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

* Instrument Type: 3400-A/B Column Type: XTI-5 30M 0.53 1.0um *
* Solvent Description: *
* Conditions: 210 3.5H 260 @6/M H0 295 @15/M H4.34 *
* Detector 0: A4 R1 Detector 1: *
* Misc. Information: INJ-240,DET-310,4.0UL INJ *

****

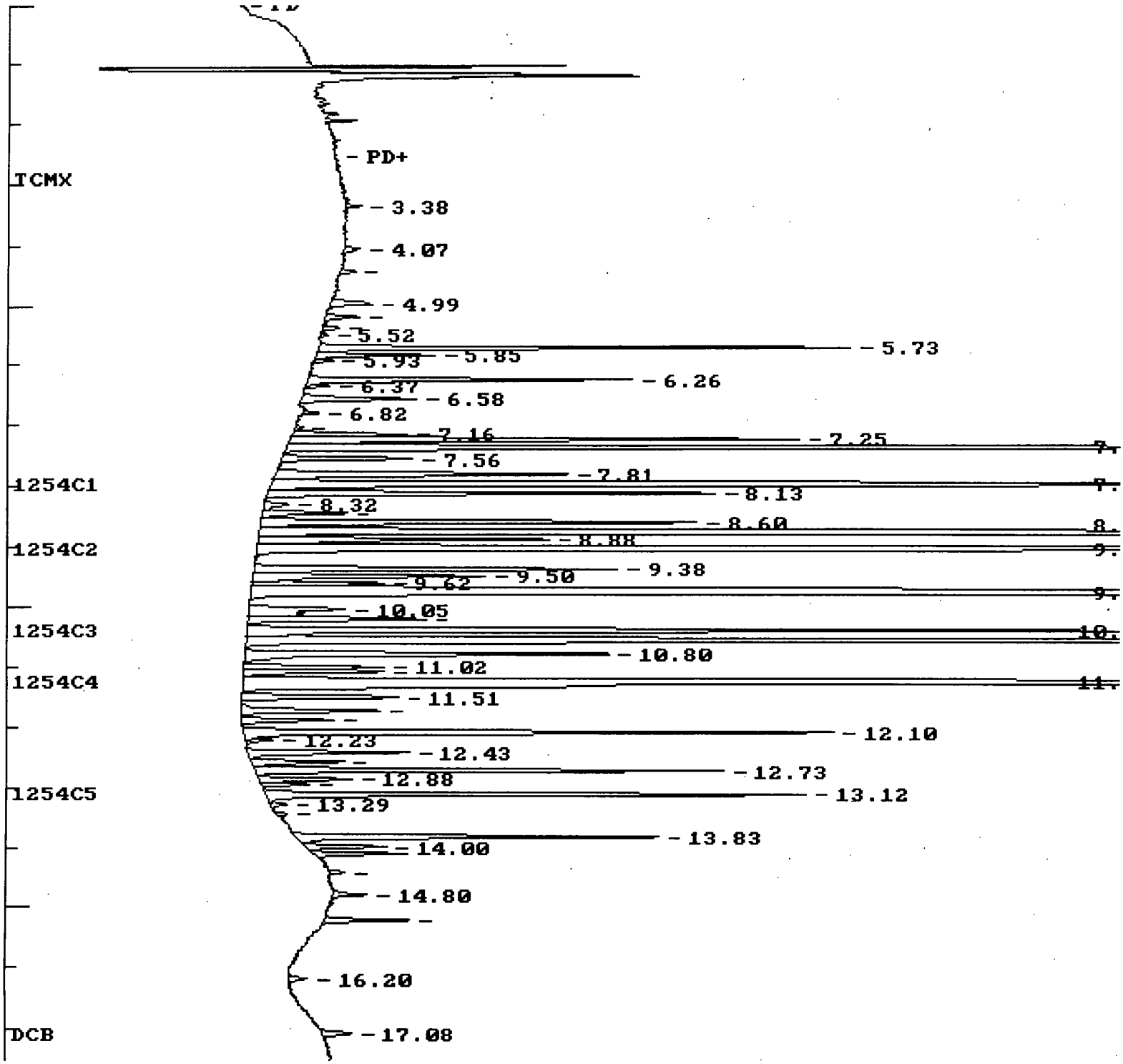
Starting Delay: 0.00 Ending retention time: 17.50
Area reject: 2000 One sample per 0.500 sec.
Amount injected: 1.00 Dilution factor: 1.00
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	3.375		0.0000	0.0000%	7850	3009	2.6	1			0.0000E+00
2	4.067		0.0000	0.0000%	11920	2965	4.0	1			0.0000E+00
3	4.458		0.0000	0.0000%	10246	3004	3.4	1			0.0000E+00
4	4.992		0.0000	0.0000%	38587	7894	4.9	1			0.0000E+00
5	5.217		0.0000	0.0000%	27555	6636	4.2	2			0.0000E+00
6	5.392		0.0000	0.0000%	11926	3474	3.4	2			0.0000E+00
7	5.517		0.0000	0.0000%	5328	1638	3.3	2			0.0000E+00
8	5.725		0.0000	0.0000%	320823	99260	3.2	2			0.0000E+00
9	5.850		0.0000	0.0000%	73374	22313	3.3	3			0.0000E+00
10	5.933		0.0000	0.0000%	13121	3506	3.7	4			0.0000E+00
11	6.258		0.0000	0.0000%	203605	60927	3.3	3			0.0000E+00
12	6.367		0.0000	0.0000%	14115	4599	3.1	4			0.0000E+00
13	6.583		0.0000	0.0000%	86175	21737	4.0	1			0.0000E+00
14	6.817		0.0000	0.0000%	10303	3245	3.2	1			0.0000E+00
15	7.050		0.0000	0.0000%	4173	1368	3.1	2			0.0000E+00
16	7.158		0.0000	0.0000%	72098	21435	3.4	2			0.0000E+00
17	7.250		0.0000	0.0000%	339238	94895	3.6	2			0.0000E+00
18	7.375		0.0000	0.0000%	695119	194155	3.6	2			0.0000E+00
19	7.558		0.0000	0.0000%	85571	24455	3.5	2			0.0000E+00
20	7.808		0.0000	0.0000%	241644	54751	4.4	2			0.0000E+00
21	7.967	1254C1	1.1348	20.2354%	1096496	297946	3.7	2	61	0	1.0350E-06
22	8.125		0.0000	0.0000%	309105	83752	3.7	2			0.0000E+00
23	8.317		0.0000	0.0000%	21153	4758	4.4	2			0.0000E+00
24	8.450		0.0000	0.0000%	61956	15812	3.9	2			0.0000E+00
25	8.600		0.0000	0.0000%	306313	81511	3.8	2			0.0000E+00
26	8.742		0.0000	0.0000%	785285	208031	3.8	2			0.0000E+00
27	8.883		0.0000	0.0000%	202065	54277	3.7	2			0.0000E+00
28	9.033	1254C2	1.1341	20.2218%	1623560	443085	3.7	2	61	0	6.9852E-07
29	9.375		0.0000	0.0000%	274778	68071	4.0	2			0.0000E+00
30	9.500		0.0000	0.0000%	174640	43461	4.0	2			0.0000E+00
31	9.617		0.0000	0.0000%	87472	24654	3.5	2			0.0000E+00
32	9.767		0.0000	0.0000%	1533713	298155	5.1	2			0.0000E+00
33	10.050		0.0000	0.0000%	108589	18131	6.0	2			0.0000E+00
34	10.217		0.0000	0.0000%	148425	33249	4.5	2			0.0000E+00
35	10.400	1254C3	1.1270	20.0957%	636740	165614	3.8	2	61	0	1.7700E-06
36	10.567		0.0000	0.0000%	1014127	214847	4.7	2			0.0000E+00
37	10.800		0.0000	0.0000%	284039	68094	4.2	1			0.0000E+00
38	11.017		0.0000	0.0000%	96599	26215	3.7	2			0.0000E+00

39	11.092		0.0000	0.0000%	100490	26261	3.8	2			0.0000E+00
40	11.258	1254C4	1.1333	20.2073%	1712204	380053	4.5	2	61	0	6.6186E-07
41	11.508		0.0000	0.0000%	118462	29073	4.1	2			0.0000E+00
42	11.742		0.0000	0.0000%	105354	25855	4.1	2			0.0000E+00
43	11.900		0.0000	0.0000%	66362	17309	3.8	2			0.0000E+00
44	12.100		0.0000	0.0000%	440058	109880	4.0	3			0.0000E+00
45	12.225		0.0000	0.0000%	16330	4681	3.5	4			0.0000E+00
46	12.433		0.0000	0.0000%	113657	30016	3.8	2			0.0000E+00
47	12.583		0.0000	0.0000%	61465	17118	3.6	2			0.0000E+00
48	12.725		0.0000	0.0000%	315810	87374	3.6	2			0.0000E+00
49	12.875		0.0000	0.0000%	58169	17234	3.4	2			0.0000E+00
50	12.958		0.0000	0.0000%	29462	9006	3.3	2			0.0000E+00
51	13.117	1254C5	1.0781	19.2228%	352202	100582	3.5	2	61	0	3.0609E-06
52	13.292		0.0000	0.0000%	10914	3130	3.5	2			0.0000E+00
53	13.450		0.0000	0.0000%	6998	1866	3.8	1			0.0000E+00
54	13.825		0.0000	0.0000%	239323	67473	3.5	2			0.0000E+00
55	14.000		0.0000	0.0000%	49039	14494	3.4	2			0.0000E+00
56	14.117		0.0000	0.0000%	54831	17176	3.2	2			0.0000E+00
57	14.433		0.0000	0.0000%	10903	3058	3.6	1			0.0000E+00
58	14.800		0.0000	0.0000%	23523	6502	3.6	1			0.0000E+00
59	15.225		0.0000	0.0000%	56625	15961	3.5	1			0.0000E+00
60	16.200		0.0000	0.0000%	13950	3464	4.0	1			0.0000E+00
61	17.075	DCB	0.0010	0.0170%	23525	5502	4.3	1	21	0	4.0440E-08

TOTAL AMOUNT = 5.6082

Areas, times, and heights stored in: O:55PCD17.ATB
Data File = O:55PCD17.PTS Printed on 08-16-1998 at 09:04:41
Start time: 0.00 min. Stop time: 17.50 min. Offset: -99 mv.
Full Range: 200 millivolts



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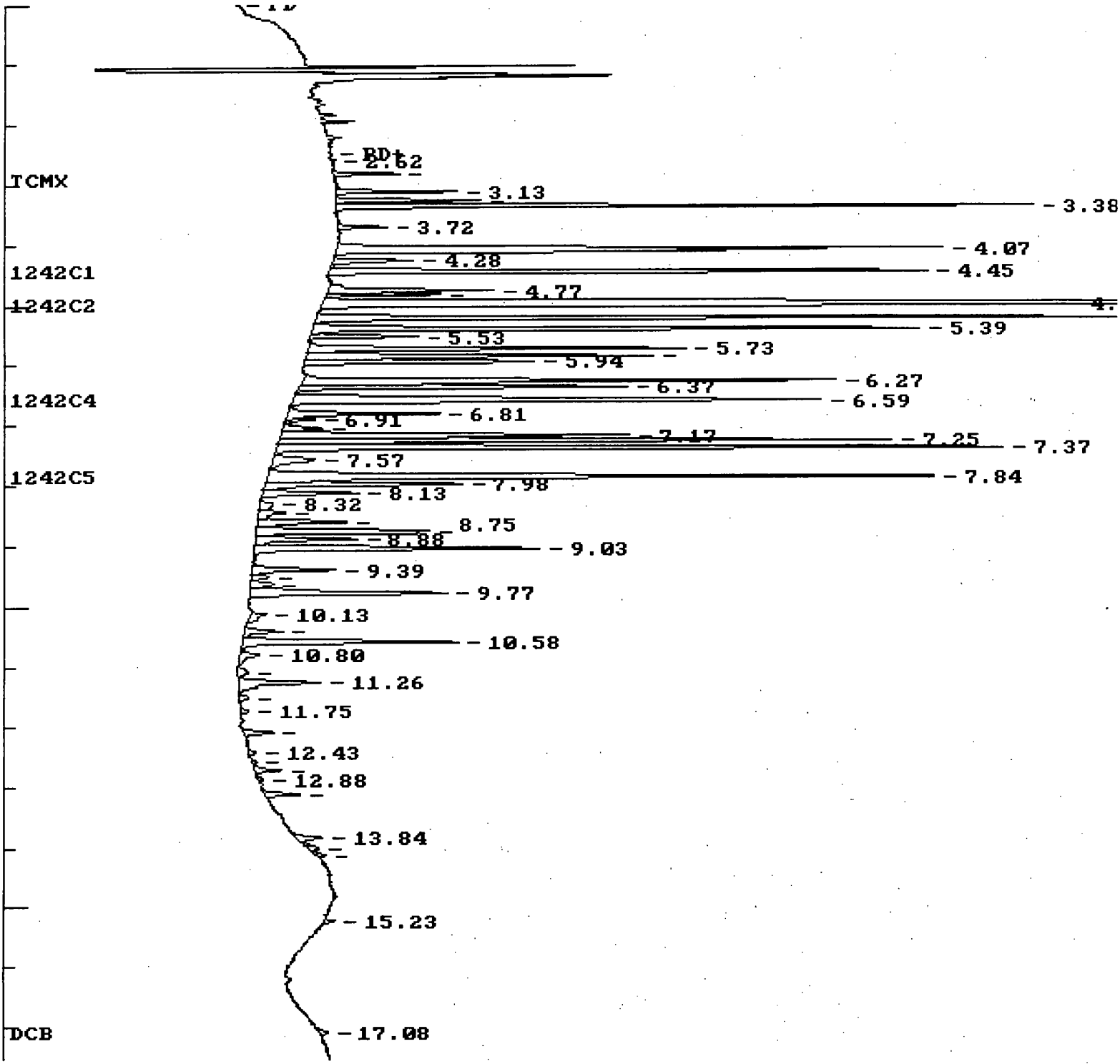
                    *******  EXTERNAL STANDARD TABLE  *******
******************** 08-16-1998 09:04:49 Version 5.1.5 ********************
* Sample Name: AR1242 1.0 PC056D                  Data File: O:55PCD18        *
* Date: 08-15-1998 17:31:16 Method: O:55PCD4  08-12-1998 19:29:27  #  4200*
* Interface: 4   Cycle#:  18   Operator TMC Channel#: 0    Vial#: N.A.     *
* Starting Peak Width:  5   Threshold: 15  Area Threshold: 1000            *
*************************************************************************
* Instrument Type: 3400-A/B              Column Type: XTI-5 30M 0.53 1.0um *
*              Solvent Description:                                       *
* Conditions: 210 3.5H 260 @6/M H0 295 @15/M H4.34                        *
*             Detector 0:     A4 R1            Detector 1:                *
* Misc. Information: INJ-240,DET-310,4.0UL INJ                            *
*************************************************************************
Starting Delay:    0.00                      Ending retention time:   17.50
Area reject:      2000                       One sample per   0.500 sec.
Amount injected:        1.00                 Dilution factor:        1.00
Sample Weight:          1.00000
```

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	2.617		0.0000	0.0000%	2151	868	2.5	1			0.0000E+00
2	2.842		0.0000	0.0000%	26878	12386	2.2	1			0.0000E+00
3	3.133		0.0000	0.0000%	62909	22684	2.8	2			0.0000E+00
4	3.275		0.0000	0.0000%	67920	27134	2.5	2			0.0000E+00
5	3.375		0.0000	0.0000%	332521	130190	2.6	2			0.0000E+00
6	3.717		0.0000	0.0000%	24965	9277	2.7	1			0.0000E+00
7	4.067		0.0000	0.0000%	509604	113102	4.5	1			0.0000E+00
8	4.275		0.0000	0.0000%	54426	15173	3.6	2			0.0000E+00
9	4.450	1242C1	1.1110	19.9196%	363321	111436	3.3	2	0	0	3.0580E-06
10	4.767		0.0000	0.0000%	99223	31133	3.2	2			0.0000E+00
11	4.833		0.0000	0.0000%	59908	21444	2.8	2			0.0000E+00
12	4.992	1242C2	1.1126	19.9484%	1253809	271810	4.6	2	0	0	8.8742E-07
13	5.217	1242C3	1.1110	19.9191%	497995	159674	3.1	2	0	.1399	2.2310E-06
14	5.392		0.0000	0.0000%	363161	113076	3.2	2			0.0000E+00
15	5.525		0.0000	0.0000%	62977	20168	3.1	2			0.0000E+00
16	5.725		0.0000	0.0000%	241312	70686	3.4	2			0.0000E+00
17	5.850		0.0000	0.0000%	210459	65068	3.2	2			0.0000E+00
18	5.942		0.0000	0.0000%	182610	43069	4.2	2			0.0000E+00
19	6.267		0.0000	0.0000%	346296	99202	3.5	2			0.0000E+00
20	6.367		0.0000	0.0000%	227853	61401	3.7	2			0.0000E+00
21	6.592	1242C4	1.1226	20.1275%	467450	98615	4.7	1	0	.1265	2.4016E-06
22	6.808		0.0000	0.0000%	107831	28550	3.8	3			0.0000E+00
23	6.908		0.0000	0.0000%	17859	5089	3.5	4			0.0000E+00
24	7.058		0.0000	0.0000%	31260	7735	4.0	2			0.0000E+00
25	7.167		0.0000	0.0000%	225198	65316	3.4	2			0.0000E+00
26	7.250		0.0000	0.0000%	411425	114188	3.6	2			0.0000E+00
27	7.367		0.0000	0.0000%	499640	135591	3.7	2			0.0000E+00
28	7.567		0.0000	0.0000%	53599	8185	6.5	2			0.0000E+00
29	7.842	1242C5	1.1197	20.0749%	548047	124165	4.4	2	0	0	2.0431E-06
30	7.975		0.0000	0.0000%	148150	36940	4.0	2			0.0000E+00
31	8.125		0.0000	0.0000%	72019	18119	4.0	2			0.0000E+00
32	8.317		0.0000	0.0000%	18613	2703	6.9	2			0.0000E+00
33	8.450		0.0000	0.0000%	25520	5168	4.9	2			0.0000E+00
34	8.600		0.0000	0.0000%	73235	16687	4.4	2			0.0000E+00
35	8.750		0.0000	0.0000%	134580	32336	4.2	2			0.0000E+00
36	8.883		0.0000	0.0000%	74818	19067	3.9	2			0.0000E+00
37	9.033		0.0000	0.0000%	213418	53329	4.0	2			0.0000E+00
38	9.392		0.0000	0.0000%	62958	15722	4.0	2			0.0000E+00

39	9.508		0.0000	0.0000%	13841	3382	4.1	2			0.0000E+00
40	9.625		0.0000	0.0000%	18679	4397	4.2	2			0.0000E+00
41	9.767		0.0000	0.0000%	164722	36874	4.5	2			0.0000E+00
42	10.125		0.0000	0.0000%	19666	2999	6.6	1			0.0000E+00
43	10.408		0.0000	0.0000%	27946	7105	3.9	2			0.0000E+00
44	10.583		0.0000	0.0000%	167935	40133	4.2	2			0.0000E+00
45	10.800		0.0000	0.0000%	21476	3742	5.7	2			0.0000E+00
46	11.100		0.0000	0.0000%	12380	1894	6.5	2			0.0000E+00
47	11.258		0.0000	0.0000%	78284	15312	5.1	2			0.0000E+00
48	11.517		0.0000	0.0000%	8073	1776	4.5	2			0.0000E+00
49	11.750		0.0000	0.0000%	6905	1577	4.4	1			0.0000E+00
50	12.108		0.0000	0.0000%	21425	5438	3.9	1			0.0000E+00
51	12.433		0.0000	0.0000%	5842	1514	3.9	1			0.0000E+00
52	12.600		0.0000	0.0000%	2796	807	3.5	2			0.0000E+00
53	12.733		0.0000	0.0000%	18857	5015	3.8	2			0.0000E+00
54	12.883		0.0000	0.0000%	3364	987	3.4	1			0.0000E+00
55	13.125		0.0000	0.0000%	23797	6654	3.6	1			0.0000E+00
56	13.842		0.0000	0.0000%	18705	4672	4.0	2			0.0000E+00
57	14.008		0.0000	0.0000%	7903	1877	4.2	2			0.0000E+00
58	14.125		0.0000	0.0000%	6325	1636	3.9	2			0.0000E+00
59	15.225		0.0000	0.0000%	12120	2016	6.0	1			0.0000E+00
60	17.083	DCB	0.0006	0.0105%	14442	1770	8.2	1	0	0	4.0440E-08

TOTAL AMOUNT = 5.5776

Areas, times, and heights stored in: O:55PCD18.ATB
Data File = O:55PCD18.PTS Printed on 08-16-1998 at 09:04:51
Start time: 0.00 min. Stop time: 17.50 min. Offset: -99 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-16-1998 09:04:59 Version 5.1.5 **********

* Sample Name: AR2148 1.2 PC042D Data File: O:55PCD19 *

* Date: 08-15-1998 17:51:53 Method: O:55PCD1 08-12-1998 19:21:58 # 4575*

* Interface: 4 Cycle#: 19 Operator TMC Channel#: 0 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

* Instrument Type: 3400-A/B Column Type: XTI-5 30M 0.53 1.0um *

* Solvent Description: *

* Conditions: 210 3.5H 260 @6/M H0 295 @15/M H4.34 *

* Detector 0: A4 R1 Detector 1: *

* Misc. Information: INJ-240,DET-310,4.0UL INJ *

****

Starting Delay: 0.00 Ending retention time: 17.50

Area reject: 2000 One sample per 0.500 sec.

Amount injected: 1.00 Dilution factor: 1.00

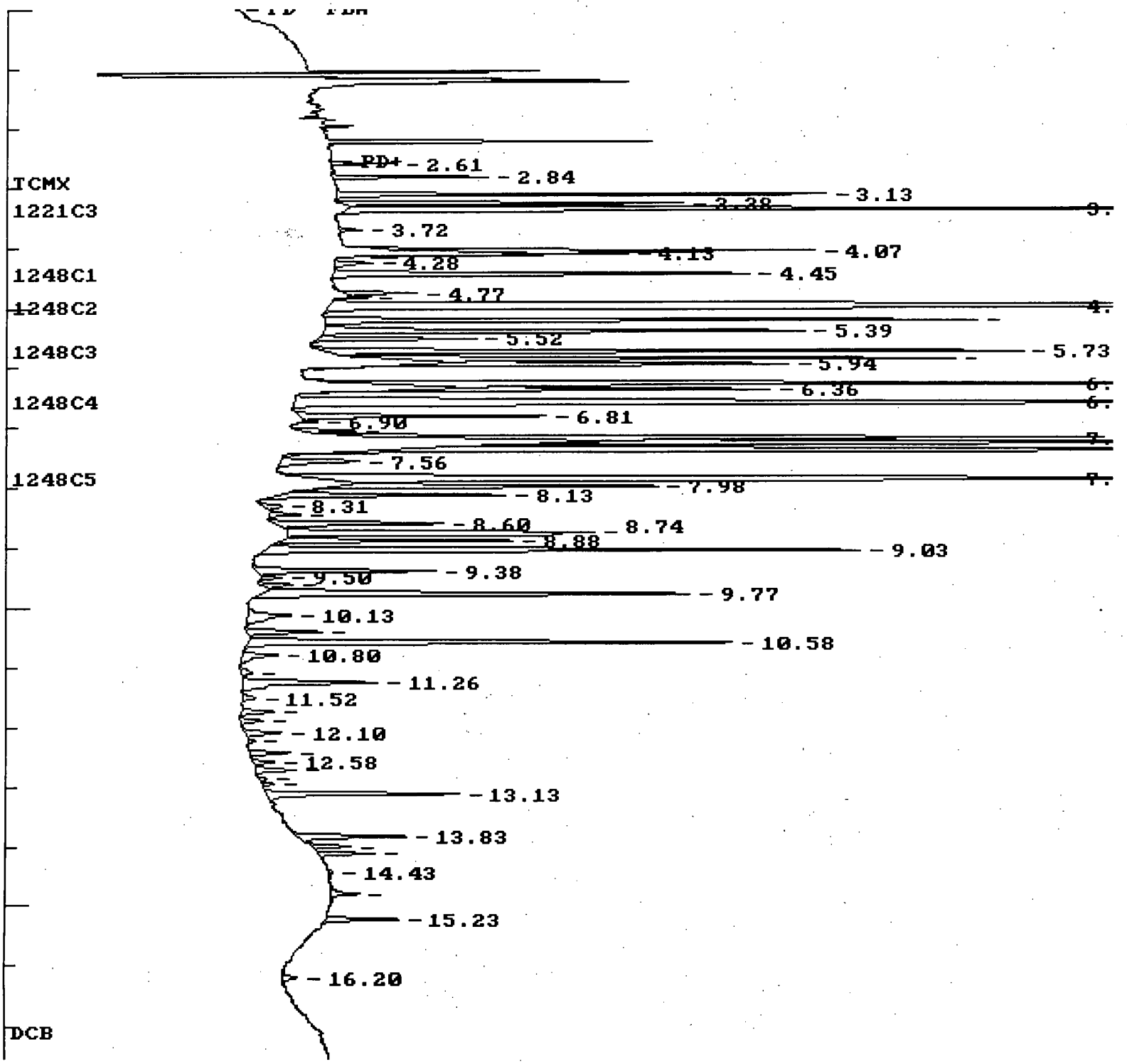
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	2.608		0.0000	0.0000%	26062	12597	2.1	1			0.0000E+00
2	2.842		0.0000	0.0000%	62579	29220	2.1	1			0.0000E+00
3	3.133	1221C1	1.2490	12.4098%	242183	91814	2.6	1	0	0	5.1573E-06
4	3.283	1221C2	1.2447	12.3674%	151416	63732	2.4	1	0	.2544	8.2206E-06
5	3.375	1221C3	1.2572	12.4908%	645533	246060	2.6	1	0	0	1.9475E-06
6	3.717		0.0000	0.0000%	12364	4425	2.8	1			0.0000E+00
7	4.067		0.0000	0.0000%	139681	58309	2.4	1			0.0000E+00
8	4.125		0.0000	0.0000%	38800	24091	1.6	1			0.0000E+00
9	4.275		0.0000	0.0000%	24216	7100	3.4	1			0.0000E+00
10	4.450	1248C1	1.2665	12.5835%	252255	78189	3.2	1	0	0	5.0207E-06
11	4.767		0.0000	0.0000%	31414	12790	2.5	1			0.0000E+00
12	4.833		0.0000	0.0000%	9516	4725	2.0	1			0.0000E+00
13	4.992	1248C2	1.2766	12.6845%	1381271	302829	4.6	1	0	0	9.2426E-07
14	5.217		0.0000	0.0000%	382701	122566	3.1	1			0.0000E+00
15	5.392		0.0000	0.0000%	292506	90199	3.2	1			0.0000E+00
16	5.517		0.0000	0.0000%	89759	29779	3.0	1			0.0000E+00
17	5.725	1248C3	1.2507	12.4264%	418908	130256	3.2	1	0	0	2.9856E-06
18	5.850		0.0000	0.0000%	285889	101397	2.8	1			0.0000E+00
19	5.942		0.0000	0.0000%	252544	71949	3.5	1			0.0000E+00
20	6.258		0.0000	0.0000%	501280	166304	3.0	1			0.0000E+00
21	6.358		0.0000	0.0000%	193815	65361	3.0	1			0.0000E+00
22	6.583	1248C4	1.2646	12.5652%	909416	197227	4.6	1	0	0	1.3906E-06
23	6.808		0.0000	0.0000%	152173	46115	3.3	1			0.0000E+00
24	6.900		0.0000	0.0000%	7234	3074	2.4	1			0.0000E+00
25	7.058		0.0000	0.0000%	25223	8929	2.8	1			0.0000E+00
26	7.167		0.0000	0.0000%	316609	107195	3.0	1			0.0000E+00
27	7.250		0.0000	0.0000%	540103	195698	2.8	1			0.0000E+00
28	7.367		0.0000	0.0000%	843374	257387	3.3	1			0.0000E+00
29	7.558		0.0000	0.0000%	63532	14813	4.3	1			0.0000E+00
30	7.842	1248C5	1.2553	12.4724%	1068435	267848	4.0	1	0	-.0066	1.1749E-06
31	7.975		0.0000	0.0000%	200068	60903	3.3	1			0.0000E+00
32	8.125		0.0000	0.0000%	145632	42620	3.4	1			0.0000E+00
33	8.308		0.0000	0.0000%	12682	3189	4.0	1			0.0000E+00
34	8.450		0.0000	0.0000%	21053	5983	3.5	1			0.0000E+00
35	8.600		0.0000	0.0000%	112637	31134	3.6	1			0.0000E+00
36	8.742		0.0000	0.0000%	213783	57875	3.7	1			0.0000E+00
37	8.883		0.0000	0.0000%	144066	43491	3.3	1			0.0000E+00
38	9.033		0.0000	0.0000%	419598	111521	3.8	1			0.0000E+00

39	9.383	0.0000	0.0000%	121567	33232	3.7	1	0.0000E+00
40	9.500	0.0000	0.0000%	12257	4097	3.0	1	0.0000E+00
41	9.617	0.0000	0.0000%	14384	5066	2.8	1	0.0000E+00
42	9.767	0.0000	0.0000%	333073	80657	4.1	1	0.0000E+00
43	10.125	0.0000	0.0000%	52571	8216	6.4	1	0.0000E+00
44	10.408	0.0000	0.0000%	52415	13891	3.8	1	0.0000E+00
45	10.575	0.0000	0.0000%	363031	90820	4.0	1	0.0000E+00
46	10.800	0.0000	0.0000%	35981	6751	5.3	1	0.0000E+00
47	11.100	0.0000	0.0000%	12677	2123	6.0	1	0.0000E+00
48	11.258	0.0000	0.0000%	118827	25347	4.7	1	0.0000E+00
49	11.517	0.0000	0.0000%	11297	2611	4.3	1	0.0000E+00
50	11.742	0.0000	0.0000%	23740	6201	3.8	1	0.0000E+00
51	11.900	0.0000	0.0000%	16071	4237	3.8	1	0.0000E+00
52	12.100	0.0000	0.0000%	27992	6886	4.1	1	0.0000E+00
53	12.233	0.0000	0.0000%	4729	1426	3.3	1	0.0000E+00
54	12.433	0.0000	0.0000%	26975	7764	3.5	1	0.0000E+00
55	12.583	0.0000	0.0000%	13412	3859	3.5	1	0.0000E+00
56	12.717	0.0000	0.0000%	28487	7594	3.8	1	0.0000E+00
57	12.875	0.0000	0.0000%	4073	1317	3.1	1	0.0000E+00
58	12.958	0.0000	0.0000%	6489	2246	2.9	1	0.0000E+00
59	13.125	0.0000	0.0000%	124114	36162	3.4	1	0.0000E+00
60	13.833	0.0000	0.0000%	70080	19696	3.6	1	0.0000E+00
61	14.000	0.0000	0.0000%	20287	7029	2.9	1	0.0000E+00
62	14.117	0.0000	0.0000%	32289	10713	3.0	1	0.0000E+00
63	14.433	0.0000	0.0000%	4168	1105	3.8	1	0.0000E+00
64	14.800	0.0000	0.0000%	23728	5348	4.4	1	0.0000E+00
65	15.233	0.0000	0.0000%	48547	13867	3.5	1	0.0000E+00
66	16.200	0.0000	0.0000%	10872	2726	4.0	1	0.0000E+00

TOTAL AMOUNT = 10.0647

Areas, times, and heights stored in: O:55PCD19.ATB
Data File = O:55PCD19.PTS Printed on 08-16-1998 at 09:05:01
Start time: 0.00 min. Stop time: 17.50 min. Offset: -99 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-16-1998 09:05:10 Version 5.1.5 **********

* Sample Name: AR1660 1.2 PC037D Data File: O:55PCD20 *

* Date: 08-15-1998 18:12:30 Method: O:55PCD2 08-12-1998 19:17:58 # 4475*

* Interface: 4 Cycle#: 20 Operator TMC Channel#: 0 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

* Instrument Type: 3400-A/B Column Type: XTI-5 30M 0.53 1.0um *

* Solvent Description: *

* Conditions: 210 3.5H 260 @6/M H0 295 @15/M H4.34 *

* Detector 0: A4 R1 Detector 1: *

* Misc. Information: INJ-240,DET-310,4.0UL INJ *

****

Starting Delay: 0.00 Ending retention time: 17.50

Area reject: 10000 One sample per 0.500 sec.

Amount injected: 1.00 Dilution factor: 1.00

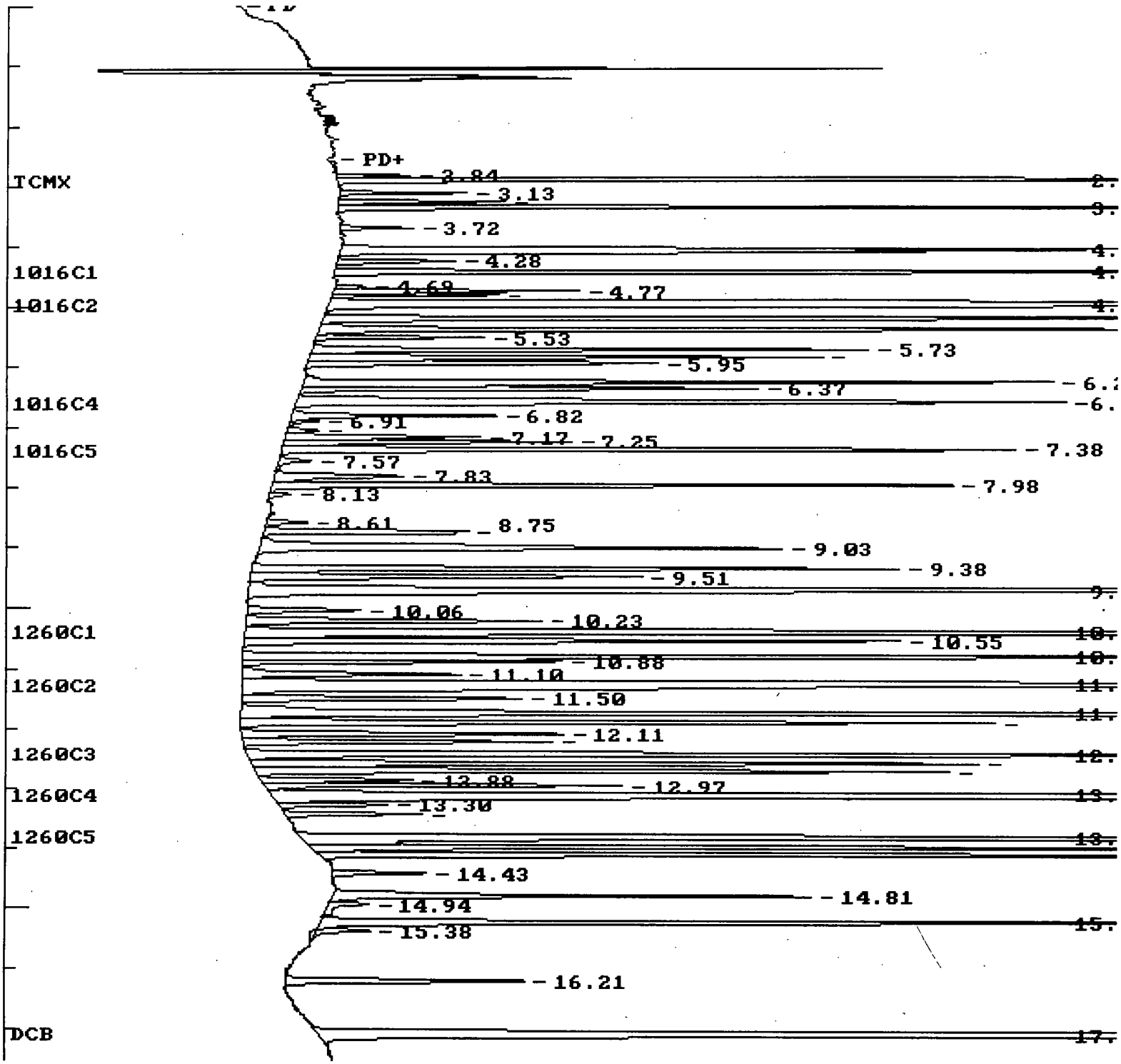
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
2	2.842		0.0000	0.0000%	29938	14039	2.1	2			0.0000E+00
3	2.917	TCMX	0.0530	0.4122%	1295108	645124	2.0	2	54	0	4.0927E-08
4	3.133		0.0000	0.0000%	64100	23769	2.7	1			0.0000E+00
5	3.283		0.0000	0.0000%	77473	31325	2.5	2			0.0000E+00
6	3.375		0.0000	0.0000%	423960	163885	2.6	2			0.0000E+00
7	3.717		0.0000	0.0000%	36013	13617	2.6	1			0.0000E+00
8	4.067		0.0000	0.0000%	758159	169654	4.5	1			0.0000E+00
9	4.275		0.0000	0.0000%	77629	22256	3.5	2			0.0000E+00
10	4.450	1016C1	1.2456	9.6882%	538562	166399	3.2	2	54	0	2.3129E-06
11	4.692		0.0000	0.0000%	16605	6055	2.7	2			0.0000E+00
12	4.767		0.0000	0.0000%	137366	46403	3.0	2			0.0000E+00
13	4.833		0.0000	0.0000%	88684	31469	2.8	2			0.0000E+00
14	4.992	1016C2	1.2753	9.9186%	1981890	443650	4.5	2	54	0	6.4346E-07
15	5.217	1016C3	1.2547	9.7583%	752864	246028	3.1	2	54	0	1.6665E-06
16	5.392		0.0000	0.0000%	532750	167048	3.2	2			0.0000E+00
17	5.525		0.0000	0.0000%	98511	31592	3.1	2			0.0000E+00
18	5.725		0.0000	0.0000%	357753	103980	3.4	2			0.0000E+00
19	5.850		0.0000	0.0000%	306647	95932	3.2	2			0.0000E+00
20	5.950		0.0000	0.0000%	278870	65858	4.2	2			0.0000E+00
21	6.267		0.0000	0.0000%	491539	140201	3.5	2			0.0000E+00
22	6.367		0.0000	0.0000%	319906	85447	3.7	2			0.0000E+00
23	6.592	1016C4	1.2535	9.7490%	677561	143988	4.7	2	54	0	1.8500E-06
24	6.817		0.0000	0.0000%	138451	38442	3.6	3			0.0000E+00
25	6.908		0.0000	0.0000%	16721	5122	3.3	4			0.0000E+00
26	7.067		0.0000	0.0000%	22886	6093	3.8	2			0.0000E+00
27	7.167		0.0000	0.0000%	132812	36539	3.6	2			0.0000E+00
28	7.250		0.0000	0.0000%	185646	53917	3.4	2			0.0000E+00
29	7.375	1016C5	1.2653	9.8409%	518751	137355	3.8	2	54	-.0727	2.4391E-06
30	7.567		0.0000	0.0000%	29069	6237	4.7	2			0.0000E+00
31	7.825		0.0000	0.0000%	120895	24391	5.0	2			0.0000E+00
32	7.975		0.0000	0.0000%	473735	127299	3.7	2			0.0000E+00
33	8.133		0.0000	0.0000%	17856	4407	4.1	2			0.0000E+00
35	8.608		0.0000	0.0000%	29010	7660	3.8	2			0.0000E+00
36	8.750		0.0000	0.0000%	141987	38291	3.7	2			0.0000E+00
37	9.033		0.0000	0.0000%	504619	97879	5.2	2			0.0000E+00
38	9.375		0.0000	0.0000%	460281	120869	3.8	2			0.0000E+00
39	9.508		0.0000	0.0000%	304069	73481	4.1	2			0.0000E+00
40	9.725		0.0000	0.0000%	1230452	288930	4.3	2			0.0000E+00

41	10.058		0.0000	0.0000%	83599	21195	3.9	2			0.0000E+00
42	10.225		0.0000	0.0000%	226160	55327	4.1	2			0.0000E+00
43	10.408	1260C1	1.2786	9.9447%	1529596	421404	3.6	2	54	0	8.3593E-07
44	10.550		0.0000	0.0000%	488854	122528	4.0	2			0.0000E+00
45	10.800		0.0000	0.0000%	733714	183856	4.0	2			0.0000E+00
46	10.883		0.0000	0.0000%	193953	59914	3.2	2			0.0000E+00
47	11.100		0.0000	0.0000%	168487	40750	4.1	2			0.0000E+00
48	11.258	1260C2	1.2930	10.0561%	2566253	612913	4.2	2	54	0	5.0383E-07
49	11.500		0.0000	0.0000%	216741	52414	4.1	2			0.0000E+00
50	11.750		0.0000	0.0000%	996363	248780	4.0	2			0.0000E+00
51	11.908		0.0000	0.0000%	551826	140794	3.9	2			0.0000E+00
52	12.108		0.0000	0.0000%	247550	60143	4.1	2			0.0000E+00
53	12.233		0.0000	0.0000%	212595	57871	3.7	2			0.0000E+00
54	12.442	1260C3	1.2717	9.8904%	951432	271819	3.5	2	54	0	1.3366E-06
55	12.592		0.0000	0.0000%	480403	135617	3.5	2			0.0000E+00
56	12.725		0.0000	0.0000%	528783	129350	4.1	2			0.0000E+00
57	12.883		0.0000	0.0000%	94151	28047	3.4	2			0.0000E+00
58	12.967		0.0000	0.0000%	218457	66840	3.3	2			0.0000E+00
59	13.117	1260C4	1.2257	9.5327%	3512365	868018	4.0	OV	54	0	3.4896E-07
60	13.300		0.0000	0.0000%	66305	20343	3.3	2			0.0000E+00
61	13.458		0.0000	0.0000%	84326	25720	3.3	1			0.0000E+00
62	13.833	1260C5	1.3322	10.3612%	1667185	489198	3.4	2	54	0	7.9906E-07
63	14.008		0.0000	0.0000%	589192	195790	3.0	2			0.0000E+00
64	14.125		0.0000	0.0000%	776674	260989	3.0	2			0.0000E+00
65	14.433		0.0000	0.0000%	57202	17694	3.2	1			0.0000E+00
66	14.808		0.0000	0.0000%	334973	89362	3.7	2			0.0000E+00
67	14.942		0.0000	0.0000%	40179	7701	5.2	2			0.0000E+00
68	15.242		0.0000	0.0000%	710297	200368	3.5	3			0.0000E+00
69	15.383		0.0000	0.0000%	49682	11063	4.5	4			0.0000E+00
70	16.208		0.0000	0.0000%	179191	44582	4.0	1			0.0000E+00
71	17.083	DCB	0.1090	0.8475%	2694626	686995	3.9	1	71	0	4.0440E-08

TOTAL AMOUNT = 12.8574

Areas, times, and heights stored in: O:55PCD20.ATB
Data File = O:55PCD20.PTS Printed on 08-16-1998 at 09:05:12
Start time: 0.00 min. Stop time: 17.50 min. Offset: -99 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-16-1998 09:05:20 Version 5.1.5 **********

* Sample Name: AR1254 1.2 PC043D Data File: O:55PCD21 *

* Date: 08-15-1998 18:33:07 Method: O:55PCD3 08-12-1998 19:27:15 # 3191*

* Interface: 4 Cycle#: 21 Operator TMC Channel#: 0 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

* Instrument Type: 3400-A/B Column Type: XTI-5 30M 0.53 1.0um *

* Solvent Description: *

* Conditions: 210 3.5H 260 @6/M H0 295 @15/M H4.34 *

* Detector 0: A4 R1 Detector 1: *

* Misc. Information: INJ-240,DET-310,4.0UL INJ *

****

Starting Delay: 0.00 Ending retention time: 17.50

Area reject: 2000 One sample per 0.500 sec.

Amount injected: 1.00 Dilution factor: 1.00

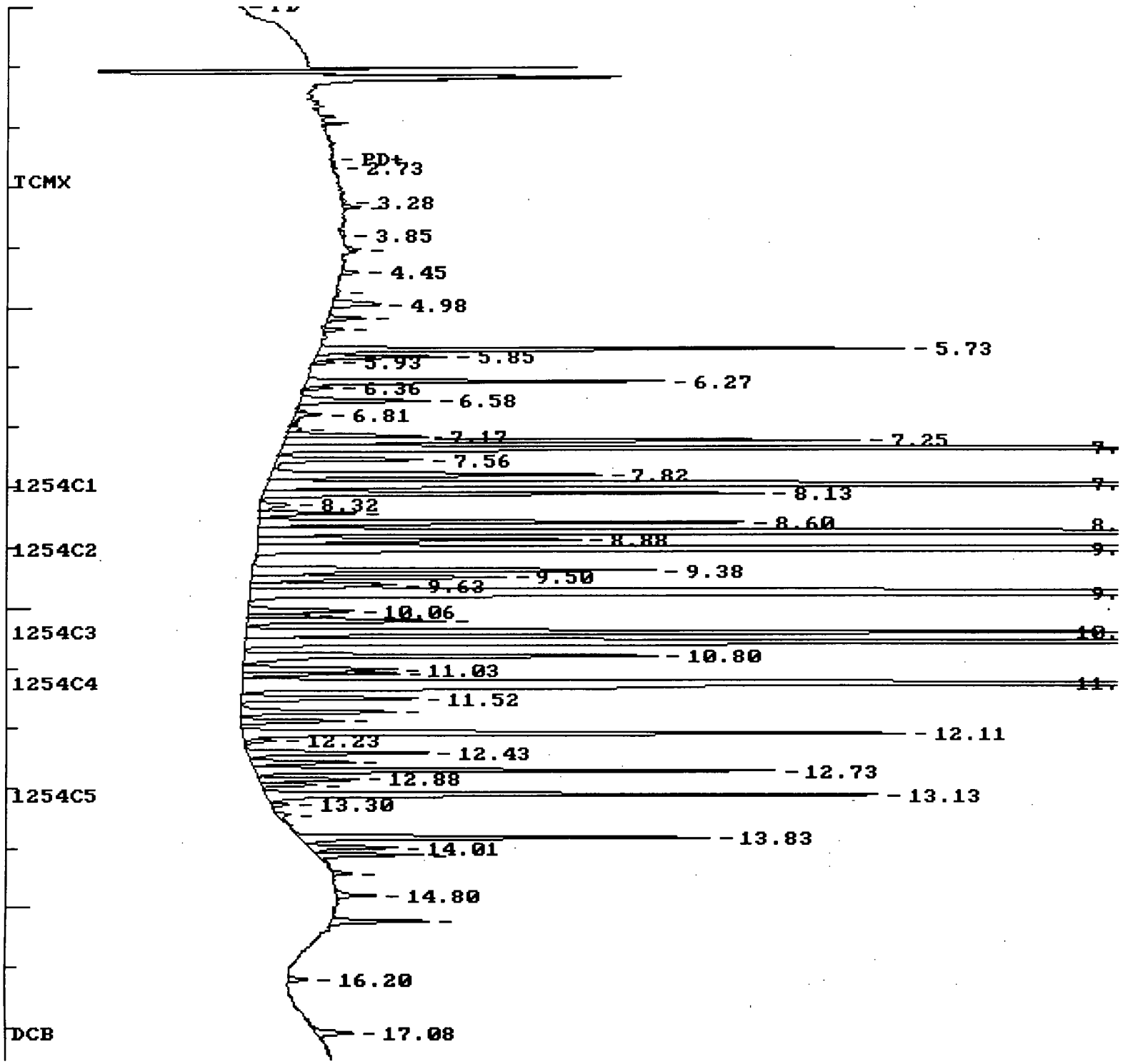
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	2.725		0.0000	0.0000%	5907	800	7.4	1			0.0000E+00
2	3.283		0.0000	0.0000%	2462	901	2.7	2			0.0000E+00
3	3.375		0.0000	0.0000%	9257	3244	2.9	2			0.0000E+00
4	3.850		0.0000	0.0000%	3818	615	6.2	1			0.0000E+00
5	4.067		0.0000	0.0000%	5081	2279	2.2	1			0.0000E+00
6	4.450		0.0000	0.0000%	11050	3395	3.3	1			0.0000E+00
7	4.767		0.0000	0.0000%	2241	846	2.6	1			0.0000E+00
8	4.983		0.0000	0.0000%	44954	8996	5.0	1			0.0000E+00
9	5.208		0.0000	0.0000%	24867	7220	3.4	1			0.0000E+00
10	5.392		0.0000	0.0000%	12344	3967	3.1	1			0.0000E+00
11	5.725		0.0000	0.0000%	356155	109227	3.3	2			0.0000E+00
12	5.850		0.0000	0.0000%	80921	24749	3.3	3			0.0000E+00
13	5.933		0.0000	0.0000%	12672	3575	3.5	4			0.0000E+00
14	6.267		0.0000	0.0000%	225163	66998	3.4	3			0.0000E+00
15	6.358		0.0000	0.0000%	17643	5127	3.4	4			0.0000E+00
16	6.583		0.0000	0.0000%	97653	24436	4.0	2			0.0000E+00
17	6.808		0.0000	0.0000%	27192	5312	5.1	2			0.0000E+00
18	7.067		0.0000	0.0000%	10482	2614	4.0	2			0.0000E+00
19	7.167		0.0000	0.0000%	84985	25154	3.4	2			0.0000E+00
20	7.250		0.0000	0.0000%	384416	107608	3.6	2			0.0000E+00
21	7.375		0.0000	0.0000%	790725	215418	3.7	2			0.0000E+00
22	7.558		0.0000	0.0000%	105203	27483	3.8	2			0.0000E+00
23	7.817		0.0000	0.0000%	276535	62141	4.5	2			0.0000E+00
24	7.975	1254C1	1.2830	20.2601%	1239610	335070	3.7	2	65	0	1.0350E-06
25	8.125		0.0000	0.0000%	350764	93651	3.7	2			0.0000E+00
26	8.317		0.0000	0.0000%	26662	5747	4.6	2			0.0000E+00
27	8.450		0.0000	0.0000%	72308	18210	4.0	2			0.0000E+00
28	8.600		0.0000	0.0000%	343483	90702	3.8	2			0.0000E+00
29	8.750		0.0000	0.0000%	875234	233697	3.7	2			0.0000E+00
30	8.883		0.0000	0.0000%	229738	60440	3.8	2			0.0000E+00
31	9.033	1254C2	1.2899	20.3702%	1846678	516592	3.6	2	65	0	6.9852E-07
32	9.383		0.0000	0.0000%	307093	75434	4.1	2			0.0000E+00
33	9.500		0.0000	0.0000%	190914	47527	4.0	2			0.0000E+00
34	9.625		0.0000	0.0000%	102866	27227	3.8	2			0.0000E+00
35	9.767		0.0000	0.0000%	1720524	336448	5.1	2			0.0000E+00
36	10.058		0.0000	0.0000%	84746	19699	4.3	2			0.0000E+00
37	10.133		0.0000	0.0000%	38677	11688	3.3	2			0.0000E+00
38	10.225		0.0000	0.0000%	162872	37025	4.4	2			0.0000E+00

39	10.408	1254C3	1.2606	19.9070%	712221	189124	3.8	2	65	0	1.7700E-06
40	10.575		0.0000	0.0000%	1136504	241461	4.7	2			0.0000E+00
41	10.800		0.0000	0.0000%	317188	77337	4.1	2			0.0000E+00
42	11.025		0.0000	0.0000%	108783	28731	3.8	2			0.0000E+00
43	11.100		0.0000	0.0000%	107892	29184	3.7	2			0.0000E+00
44	11.258	1254C4	1.2856	20.3021%	1942394	442232	4.4	2	65	0	6.6188E-07
45	11.517		0.0000	0.0000%	133401	32989	4.0	2			0.0000E+00
46	11.742		0.0000	0.0000%	118965	29075	4.1	2			0.0000E+00
47	11.900		0.0000	0.0000%	75439	19520	3.9	2			0.0000E+00
48	12.108		0.0000	0.0000%	489825	123417	4.0	3			0.0000E+00
49	12.233		0.0000	0.0000%	19591	5547	3.5	4			0.0000E+00
50	12.433		0.0000	0.0000%	126089	33604	3.8	2			0.0000E+00
51	12.592		0.0000	0.0000%	67788	19125	3.5	2			0.0000E+00
52	12.733		0.0000	0.0000%	351732	96910	3.6	2			0.0000E+00
53	12.875		0.0000	0.0000%	64371	18472	3.5	2			0.0000E+00
54	12.967		0.0000	0.0000%	32497	10278	3.2	2			0.0000E+00
55	13.125	1254C5	1.2121	19.1408%	395991	113995	3.5	2	65	0	3.0609E-06
56	13.300		0.0000	0.0000%	11653	3449	3.4	2			0.0000E+00
57	13.458		0.0000	0.0000%	8833	2293	3.9	1			0.0000E+00
58	13.833		0.0000	0.0000%	270918	76700	3.5	2			0.0000E+00
59	14.008		0.0000	0.0000%	54556	16201	3.4	2			0.0000E+00
60	14.125		0.0000	0.0000%	62715	19809	3.2	2			0.0000E+00
61	14.433		0.0000	0.0000%	12094	3723	3.2	1			0.0000E+00
62	14.800		0.0000	0.0000%	27679	7341	3.8	1			0.0000E+00
63	15.233		0.0000	0.0000%	64051	18235	3.5	1			0.0000E+00
64	16.200		0.0000	0.0000%	14554	3744	3.9	1			0.0000E+00
65	17.083	DCB	0.0013	0.0199%	31097	6684	4.7	1	24	0	4.0440E-08

TOTAL AMOUNT = 6.3325

Areas, times, and heights stored in: O:55PCD21.ATB
Data File = O:55PCD21.PTS Printed on 08-16-1998 at 09:05:23
Start time: 0.00 min. Stop time: 17.50 min. Offset: -99 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-16-1998 09:05:31 Version 5.1.5 **********

* Sample Name: AR1242 1.2 PC044D Data File: O:55PCD22 *

* Date: 08-15-1998 18:53:45 Method: O:55PCD4 08-12-1998 19:29:27 # 4200*

* Interface: 4 Cycle#: 22 Operator TMC Channel#: 0 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

* Instrument Type: 3400-A/B Column Type: XTI-5 30M 0.53 1.0um *

* Solvent Description: *

* Conditions: 210 3.5H 260 @6/M H0 295 @15/M H4.34 *

* Detector 0: A4 R1 Detector 1: *

* Misc. Information: INJ-240,DET-310,4.0UL INJ *

****

Starting Delay: 0.00 Ending retention time: 17.50

Area reject: 2000 One sample per 0.500 sec.

Amount injected: 1.00 Dilution factor: 1.00

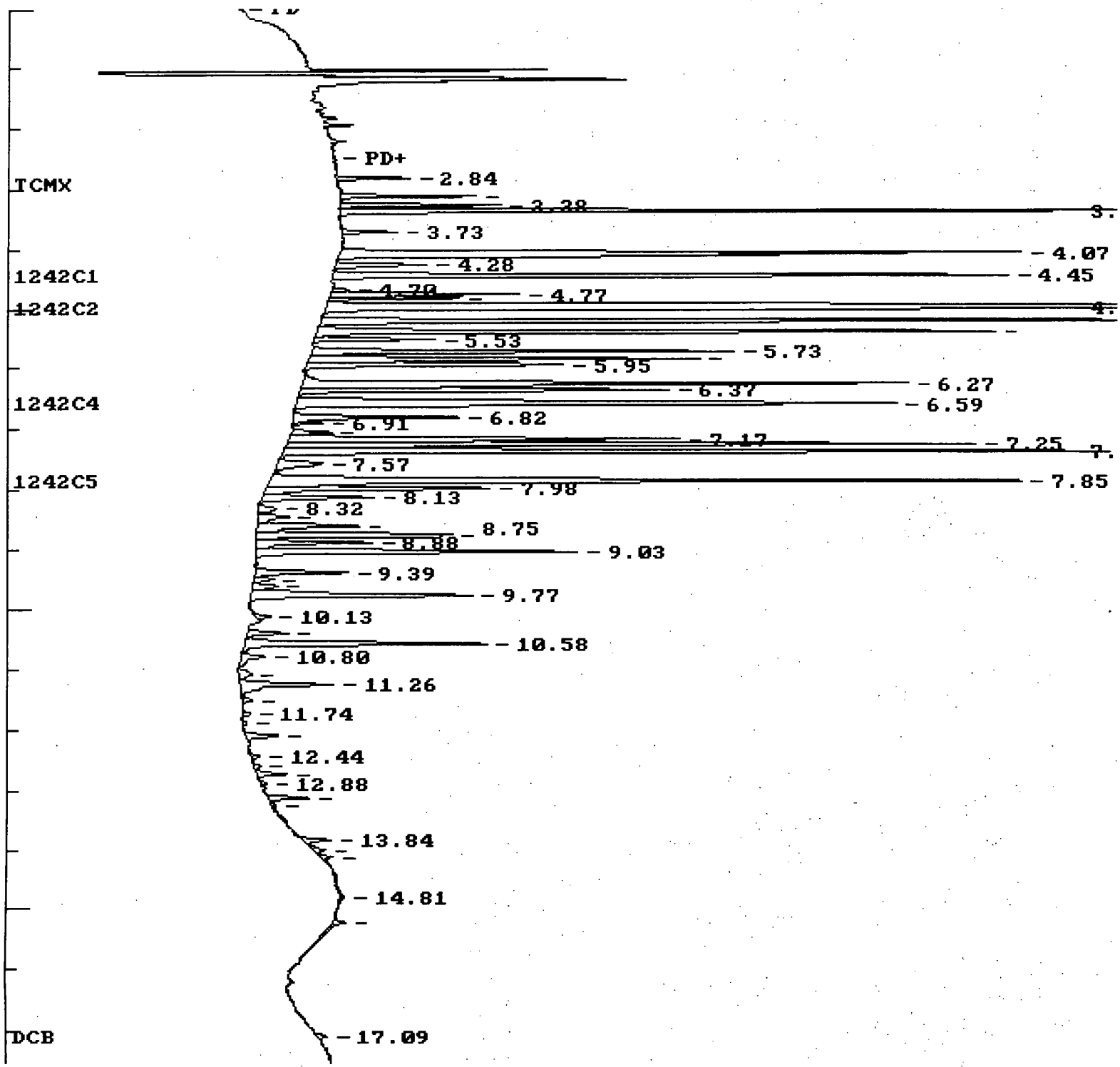
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
2	2.842		0.0000	0.0000%	30954	13912	2.2	1			0.0000E+00
3	3.133		0.0000	0.0000%	69383	25596	2.7	1			0.0000E+00
4	3.283		0.0000	0.0000%	75617	30270	2.5	2			0.0000E+00
5	3.375		0.0000	0.0000%	376365	148352	2.5	2			0.0000E+00
6	3.725		0.0000	0.0000%	28023	10447	2.7	1			0.0000E+00
7	4.067		0.0000	0.0000%	580768	127865	4.5	1			0.0000E+00
8	4.275		0.0000	0.0000%	61954	17196	3.6	2			0.0000E+00
9	4.450	1242C1	1.2588	19.9057%	411632	126590	3.3	2	0	0	3.0580E-06
10	4.700		0.0000	0.0000%	8695	3275	2.7	2			0.0000E+00
11	4.767		0.0000	0.0000%	105047	35588	3.0	2			0.0000E+00
12	4.833		0.0000	0.0000%	69756	24496	2.8	2			0.0000E+00
13	4.992	1242C2	1.2783	20.2149%	1440513	312047	4.6	2	0	0	8.8742E-07
14	5.217	1242C3	1.2605	19.9327%	564994	182587	3.1	2	0	.1399	2.2310E-06
15	5.392		0.0000	0.0000%	411225	127046	3.2	2			0.0000E+00
16	5.525		0.0000	0.0000%	71691	22822	3.1	2			0.0000E+00
17	5.725		0.0000	0.0000%	270889	79124	3.4	2			0.0000E+00
18	5.850		0.0000	0.0000%	236316	73402	3.2	2			0.0000E+00
19	5.950		0.0000	0.0000%	207712	48351	4.3	2			0.0000E+00
20	6.267		0.0000	0.0000%	399863	113146	3.5	2			0.0000E+00
21	6.367		0.0000	0.0000%	261255	69267	3.8	2			0.0000E+00
22	6.592	1242C4	1.2663	20.0238%	527246	112312	4.7	2	0	.1265	2.4016E-06
23	6.817		0.0000	0.0000%	113468	31257	3.6	3			0.0000E+00
24	6.908		0.0000	0.0000%	14956	5242	2.9	4			0.0000E+00
25	7.058		0.0000	0.0000%	24712	7467	3.3	2			0.0000E+00
26	7.167		0.0000	0.0000%	245336	73393	3.3	2			0.0000E+00
27	7.250		0.0000	0.0000%	460208	129070	3.6	2			0.0000E+00
28	7.367		0.0000	0.0000%	562105	155089	3.6	2			0.0000E+00
29	7.567		0.0000	0.0000%	54652	8558	6.4	2			0.0000E+00
30	7.850	1242C5	1.2596	19.9188%	616525	140849	4.4	2	0	.1062	2.0431E-06
31	7.975		0.0000	0.0000%	170356	42113	4.0	2			0.0000E+00
32	8.133		0.0000	0.0000%	84616	21062	4.0	2			0.0000E+00
33	8.317		0.0000	0.0000%	18525	3413	5.4	2			0.0000E+00
34	8.450		0.0000	0.0000%	32661	5814	5.6	2			0.0000E+00
35	8.608		0.0000	0.0000%	85640	18988	4.5	2			0.0000E+00
36	8.750		0.0000	0.0000%	151183	36499	4.1	2			0.0000E+00
37	8.883		0.0000	0.0000%	84450	21525	3.9	2			0.0000E+00
38	9.033		0.0000	0.0000%	238058	60162	4.0	2			0.0000E+00
39	9.392		0.0000	0.0000%	66930	17312	3.9	2			0.0000E+00

40	9.508		0.0000	0.0000%	13826	3691	3.7	2		0.0000E+00
41	9.617		0.0000	0.0000%	19655	4609	4.3	2		0.0000E+00
42	9.767		0.0000	0.0000%	186137	41373	4.5	2		0.0000E+00
43	10.133		0.0000	0.0000%	7523	2354	3.2	1		0.0000E+00
44	10.408		0.0000	0.0000%	30634	7805	3.9	2		0.0000E+00
45	10.583		0.0000	0.0000%	192130	45437	4.2	2		0.0000E+00
46	10.800		0.0000	0.0000%	28354	4649	6.1	2		0.0000E+00
47	11.092		0.0000	0.0000%	17255	2485	6.9	2		0.0000E+00
48	11.258		0.0000	0.0000%	89791	17479	5.1	2		0.0000E+00
49	11.525		0.0000	0.0000%	8445	2043	4.1	2		0.0000E+00
50	11.742		0.0000	0.0000%	6341	1467	4.3	1		0.0000E+00
51	11.900		0.0000	0.0000%	3703	976	3.8	1		0.0000E+00
52	12.108		0.0000	0.0000%	24190	6063	4.0	1		0.0000E+00
53	12.442		0.0000	0.0000%	6546	1754	3.7	1		0.0000E+00
54	12.592		0.0000	0.0000%	4669	1187	3.9	2		0.0000E+00
55	12.733		0.0000	0.0000%	21736	5763	3.8	2		0.0000E+00
56	12.883		0.0000	0.0000%	4266	1125	3.8	1		0.0000E+00
57	13.133		0.0000	0.0000%	26171	7731	3.4	2		0.0000E+00
58	13.250		0.0000	0.0000%	3466	840	4.1	2		0.0000E+00
59	13.842		0.0000	0.0000%	16732	4971	3.4	2		0.0000E+00
60	14.008		0.0000	0.0000%	8076	2010	4.0	2		0.0000E+00
61	14.125		0.0000	0.0000%	7613	2124	3.6	2		0.0000E+00
63	14.808		0.0000	0.0000%	3401	953	3.6	1		0.0000E+00
64	15.242		0.0000	0.0000%	19781	2519	7.9	1		0.0000E+00
65	17.092	DCB	0.0003	0.0040%	6248	1563	4.0	1	0	0 4.0440E-08

TOTAL AMOUNT = 6.3237

Areas, times, and heights stored in: O:55PCD22.ATB
Data File = O:55PCD22.PTS Printed on 08-16-1998 at 09:05:33
Start time: 0.00 min. Stop time: 17.50 min. Offset: -99 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-16-1998 10:20:19 Version 5.1.5 **********

* Sample Name: ICV Data File: O:55PCD24 *

* Date: 08-15-1998 19:34:59 Method: O:55PCD2 08-16-1998 09:14:01 # 4484*

* Interface: 4 Cycle#: 24 Operator TMC Channel#: 0 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

* Instrument Type: 3400-A/B Column Type: XTI-5 30M 0.53 1.0um *

* Solvent Description: *

* Conditions: 210 3.5H 260 @6/M H0 295 @15/M H4.34 *

* Detector 0: A4 R1 Detector 1: *

* Misc. Information: INJ-240,DET-310,4.0UL INJ *

****

Starting Delay: 0.00 Ending retention time: 17.50

Area reject: 10000 One sample per 0.500 sec.

Amount injected: 1.00 Dilution factor: 1.00

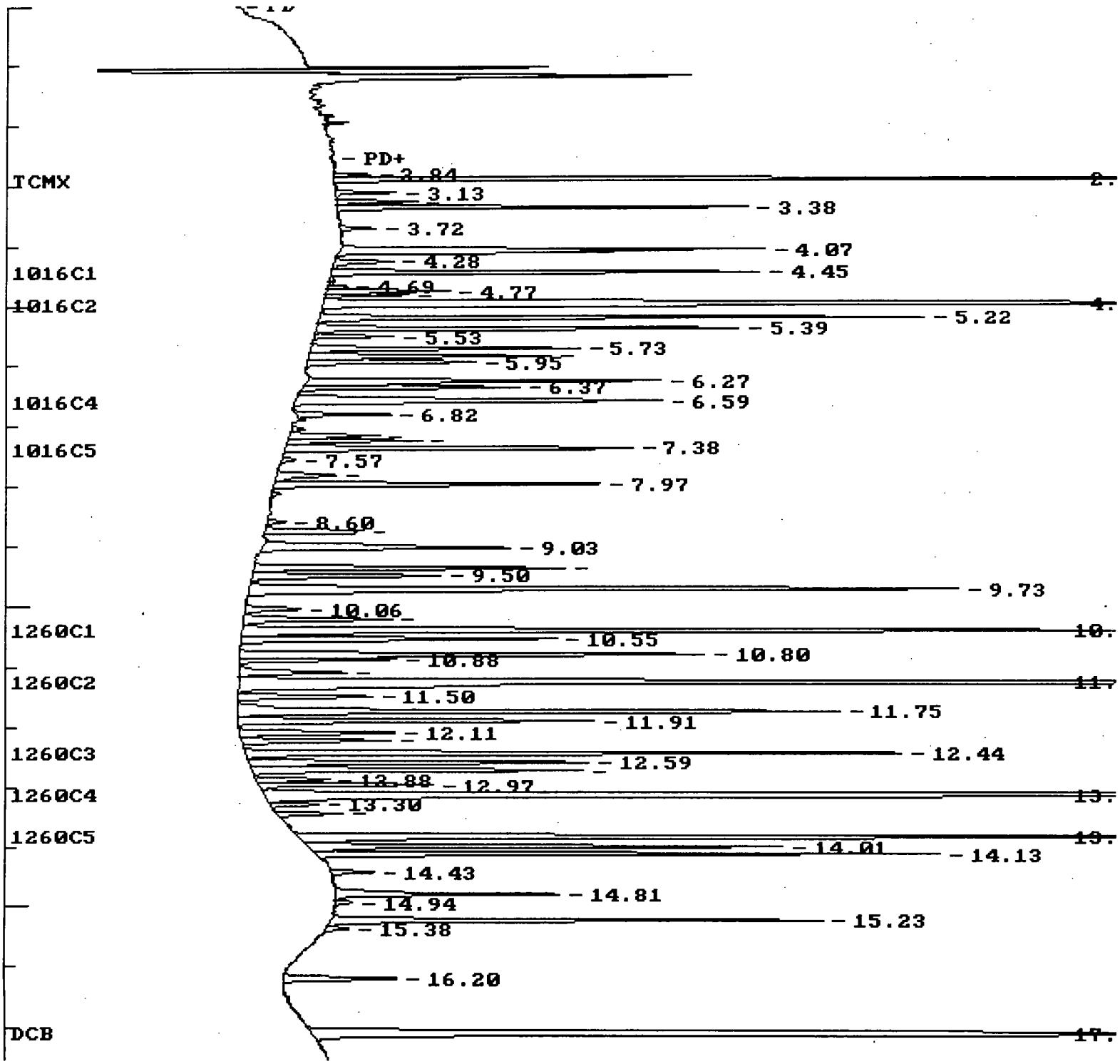
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
2	2.842		0.0000	0.0000%	14893	6763	2.2	2			0.0000E+00
3	2.917	TCMX	0.0206	0.3827%	537953	245944	2.2	2	52	0	3.8375E-08
4	3.133		0.0000	0.0000%	31785	11370	2.8	2			0.0000E+00
5	3.283		0.0000	0.0000%	39234	15187	2.6	2			0.0000E+00
6	3.375		0.0000	0.0000%	202756	77023	2.6	2			0.0000E+00
7	3.717		0.0000	0.0000%	18473	6760	2.7	1			0.0000E+00
8	4.067		0.0000	0.0000%	360598	79636	4.5	1			0.0000E+00
9	4.275		0.0000	0.0000%	43464	11252	3.9	2			0.0000E+00
10	4.450	1016C1	0.5676	10.5212%	264912	80419	3.3	2	52	0	2.1424E-06
11	4.692		0.0000	0.0000%	12507	3897	3.2	2			0.0000E+00
12	4.767		0.0000	0.0000%	71092	23325	3.0	2			0.0000E+00
13	4.833		0.0000	0.0000%	47090	15744	3.0	2			0.0000E+00
14	4.992	1016C2	0.5247	9.7273%	885414	186647	4.7	2	52	0	5.9264E-07
15	5.217	1016C3	0.5481	10.1613%	355451	113251	3.1	2	52	0	1.5421E-06
16	5.392		0.0000	0.0000%	255699	79358	3.2	2			0.0000E+00
17	5.525		0.0000	0.0000%	48145	15252	3.2	2			0.0000E+00
18	5.725		0.0000	0.0000%	174013	50718	3.4	2			0.0000E+00
19	5.850		0.0000	0.0000%	148405	45615	3.3	2			0.0000E+00
20	5.950		0.0000	0.0000%	135088	31786	4.2	2			0.0000E+00
21	6.267		0.0000	0.0000%	228708	66482	3.4	2			0.0000E+00
22	6.367		0.0000	0.0000%	151448	40637	3.7	2			0.0000E+00
23	6.592	1016C4	0.5527	10.2465%	324225	68783	4.7	1	52	0	1.7048E-06
24	6.817		0.0000	0.0000%	58503	17537	3.3	1			0.0000E+00
26	7.167		0.0000	0.0000%	60739	16979	3.6	2			0.0000E+00
27	7.250		0.0000	0.0000%	86157	25205	3.4	2			0.0000E+00
28	7.375	1016C5	0.5487	10.1722%	244658	65281	3.7	2	52	0	2.2428E-06
29	7.567		0.0000	0.0000%	10263	2720	3.8	2			0.0000E+00
30	7.825		0.0000	0.0000%	53798	11313	4.8	2			0.0000E+00
31	7.967		0.0000	0.0000%	226039	61097	3.7	2			0.0000E+00
33	8.600		0.0000	0.0000%	12495	3546	3.5	2			0.0000E+00
34	8.750		0.0000	0.0000%	67119	18514	3.6	2			0.0000E+00
35	9.033		0.0000	0.0000%	236375	46684	5.1	1			0.0000E+00
36	9.375		0.0000	0.0000%	220783	58299	3.8	2			0.0000E+00
37	9.500		0.0000	0.0000%	145169	35196	4.1	2			0.0000E+00
38	9.725		0.0000	0.0000%	572032	132345	4.3	2			0.0000E+00
39	10.058		0.0000	0.0000%	41283	10214	4.0	2			0.0000E+00
40	10.225		0.0000	0.0000%	111971	27629	4.1	2			0.0000E+00
41	10.408	1260C1	0.5286	9.7989%	689512	180809	3.8	2	52	-.0292	7.6662E-07
42	10.550		0.0000	0.0000%	235160	59118	4.0	2			0.0000E+00

43	10.800		0.0000	0.0000%	351040	87003	4.0	2			0.0000E+00
44	10.883		0.0000	0.0000%	93118	29405	3.2	2			0.0000E+00
45	11.100		0.0000	0.0000%	84333	20224	4.2	2			0.0000E+00
46	11.258	1260C2	0.5076	9.4100%	1099810	240699	4.6	2	52	0	4.6154E-07
47	11.500		0.0000	0.0000%	103470	25099	4.1	2			0.0000E+00
48	11.750		0.0000	0.0000%	466959	112444	4.2	2			0.0000E+00
49	11.908		0.0000	0.0000%	261242	66893	3.9	2			0.0000E+00
50	12.108		0.0000	0.0000%	120464	29133	4.1	2			0.0000E+00
51	12.233		0.0000	0.0000%	102201	28021	3.6	2			0.0000E+00
52	12.442	1260C3	0.5393	9.9980%	440070	122511	3.6	2	52	0	1.2256E-06
53	12.592		0.0000	0.0000%	229752	63642	3.6	2			0.0000E+00
54	12.725		0.0000	0.0000%	253876	61965	4.1	2			0.0000E+00
55	12.883		0.0000	0.0000%	46308	13559	3.4	2			0.0000E+00
56	12.967		0.0000	0.0000%	106086	32410	3.3	2			0.0000E+00
57	13.133	1260C4	0.5130	9.5102%	1569114	475611	3.3	2	52	0	3.2694E-07
58	13.300		0.0000	0.0000%	28854	9079	3.2	2			0.0000E+00
59	13.450		0.0000	0.0000%	39524	12230	3.2	1			0.0000E+00
60	13.833	1260C5	0.5030	9.3250%	699001	194123	3.6	2	52	0	7.1963E-07
61	14.008		0.0000	0.0000%	287451	88560	3.2	2			0.0000E+00
62	14.125		0.0000	0.0000%	357158	116341	3.1	2			0.0000E+00
63	14.433		0.0000	0.0000%	26615	8106	3.3	1			0.0000E+00
64	14.808		0.0000	0.0000%	158686	42162	3.8	2			0.0000E+00
65	14.942		0.0000	0.0000%	11964	3365	3.6	2			0.0000E+00
66	15.233		0.0000	0.0000%	328975	92021	3.6	2			0.0000E+00
67	15.383		0.0000	0.0000%	16039	4486	3.6	2			0.0000E+00
68	16.200		0.0000	0.0000%	83956	21072	4.0	1			0.0000E+00
69	17.083	DCB	0.0403	0.7467%	1098250	259686	4.2	1	69	0	3.6678E-08

TOTAL AMOUNT = 5.3944

Areas, times, and heights stored in: O:55PCD24.ATB
Data File = O:55PCD24.PTS Printed on 08-16-1998 at 10:20:21
Start time: 0.00 min. Stop time: 17.50 min. Offset: -99 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-16-1998 09:09:58 Version 5.1.5 **********

* Sample Name: AR3268 .05 PC061D Data File: O:55PCD25 *

* Date: 08-15-1998 19:55:41 Method: O:55PCD6 08-04-1998 23:31:13 # 4490*

* Interface: 4 Cycle#: 25 Operator TMC Channel#: 0 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

* Instrument Type: 3400-A/B Column Type: XTI-5 30M 0.53 1.0um *

* Solvent Description: *

* Conditions: 210 3.5H 260 @6/M H0 295 @15/M H4.34 *

* Detector 0: A4 R1 Detector 1: *

* Misc. Information: INJ-240,DET-310,4.0UL INJ *

****

Starting Delay: 0.00 Ending retention time: 17.25

Area reject: 5000 One sample per 0.500 sec.

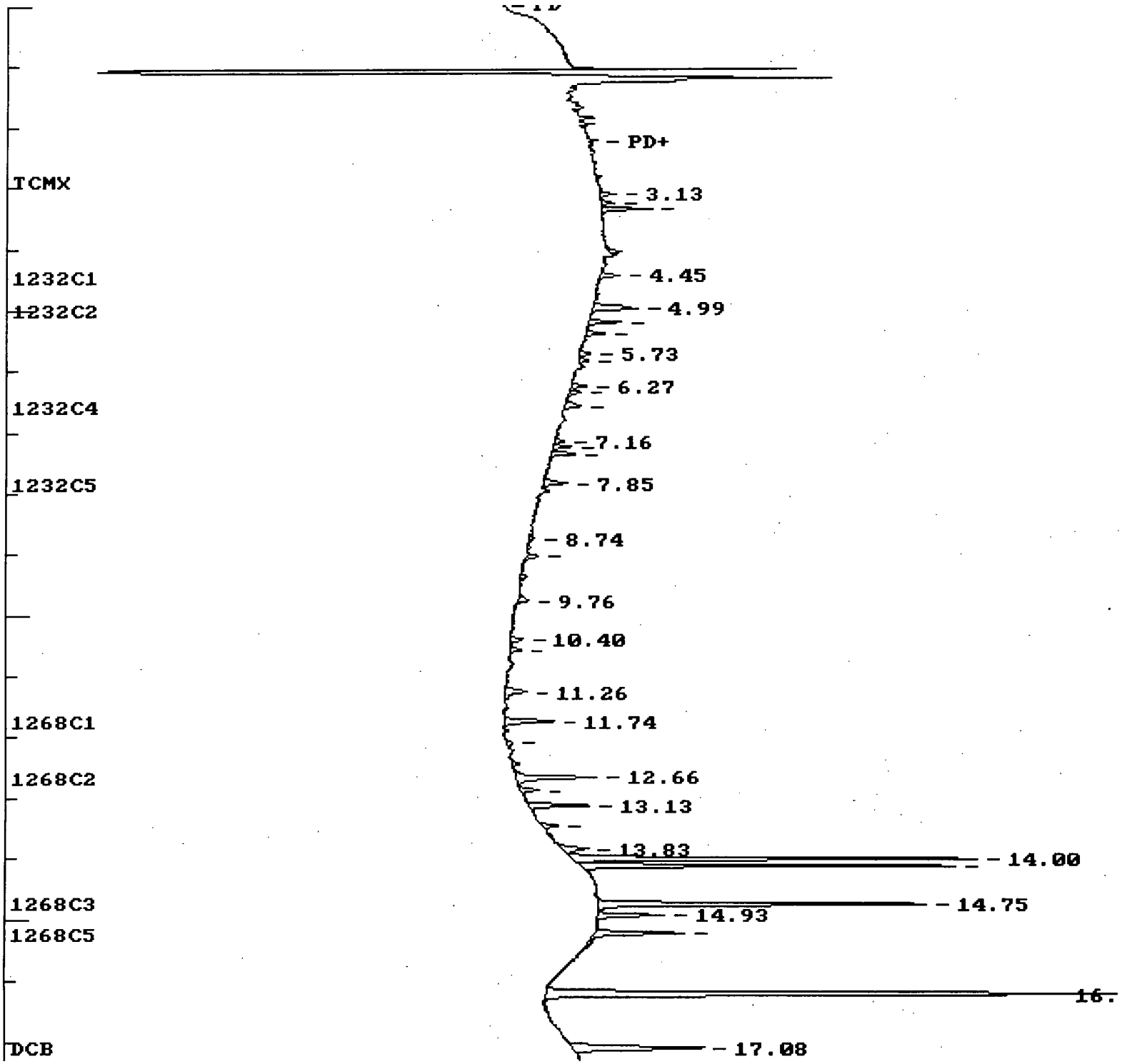
Amount injected: 1.00 Dilution factor: 1.00

Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
3	3.133		0.0000	0.0000%	8679	3008	2.9	2			0.0000E+00
4	3.275		0.0000	0.0000%	8087	2729	3.0	2			0.0000E+00
5	3.375		0.0000	0.0000%	26344	9584	2.7	2			0.0000E+00
7	4.450	1232C1	0.0565	9.9688%	12310	3636	3.4	1	41	-.2487	4.5910E-06
9	4.992	1232C2	0.0576	10.1658%	40642	8565	4.7	2	41	-.1553	1.4180E-06
10	5.217	1232C3	0.0661	11.6615%	19566	6209	3.2	2	41	-.1155	3.3788E-06
11	5.392		0.0000	0.0000%	10870	3717	2.9	1			0.0000E+00
12	5.725		0.0000	0.0000%	7933	2190	3.6	1			0.0000E+00
13	5.842		0.0000	0.0000%	5735	1840	3.1	1			0.0000E+00
14	6.267		0.0000	0.0000%	10432	3110	3.4	2			0.0000E+00
15	6.358		0.0000	0.0000%	8852	2241	4.0	2			0.0000E+00
16	6.592	1232C4	0.0635	11.1966%	16258	3333	4.9	2	41	-.0606	3.9041E-06
18	7.158		0.0000	0.0000%	6747	1905	3.5	2			0.0000E+00
19	7.250		0.0000	0.0000%	10888	3470	3.1	2			0.0000E+00
20	7.367		0.0000	0.0000%	17165	4573	3.8	2			0.0000E+00
21	7.850	1232C5	0.0614	10.8375%	17444	4422	3.9	1	41	0	3.5220E-06
22	8.742		0.0000	0.0000%	5173	1321	3.9	1			0.0000E+00
24	9.033		0.0000	0.0000%	8198	2282	3.6	1			0.0000E+00
26	9.758		0.0000	0.0000%	10609	2089	5.1	1			0.0000E+00
27	10.400		0.0000	0.0000%	9184	2400	3.8	2			0.0000E+00
28	10.583		0.0000	0.0000%	8279	2092	4.0	2			0.0000E+00
29	11.258		0.0000	0.0000%	18951	4002	4.7	1			0.0000E+00
30	11.742	1268C1	0.0548	9.6581%	36656	9404	3.9	1	41	-.1022	1.4937E-06
32	12.092		0.0000	0.0000%	5184	1057	4.9	1			0.0000E+00
34	12.658	1268C2	0.0471	8.3122%	62857	15129	4.2	1	41	-.1389	7.4967E-07
35	12.875		0.0000	0.0000%	11963	3451	3.5	1			0.0000E+00
36	13.125		0.0000	0.0000%	37901	11331	3.3	1			0.0000E+00
37	13.450		0.0000	0.0000%	9692	2899	3.3	1			0.0000E+00
38	13.833		0.0000	0.0000%	18365	4661	3.9	2			0.0000E+00
39	14.000		0.0000	0.0000%	229249	75037	3.1	2			0.0000E+00
40	14.117		0.0000	0.0000%	209022	69452	3.0	2			0.0000E+00
41	14.750	1268C3	0.0492	8.6812%	202569	60956	3.3	2	41	0	2.4295E-07
42	14.933	1268C4	0.0440	7.7554%	43100	12668	3.4	2	41	-.1135	1.0201E-06
43	15.233	1268C5	0.0641	11.3041%	71686	17081	4.2	1	41	0	8.9394E-07
44	16.200		0.0000	0.0000%	432447	110105	3.9	1			0.0000E+00
45	17.075	DCB	0.0026	0.4587%	110793	24708	4.5	1	45	0	2.3470E-08

TOTAL AMOUNT = 0.5669

Areas, times, and heights stored in: O:55PCD25.ATB
Data File = O:55PCD25.PTS Printed on 08-16-1998 at 09:10:00
Start time: 0.00 min. Stop time: 17.25 min. Offset: -50 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-16-1998 09:10:03 Version 5.1.5 **********

* Sample Name: AR3268 0.5 PC060D Data File: O:55PCD26 *

* Date: 08-15-1998 20:16:17 Method: O:55PCD6 08-04-1998 23:31:13 # 4490*

* Interface: 4 Cycle#: 26 Operator TMC Channel#: 0 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

* Instrument Type: 3400-A/B Column Type: XTI-5 30M 0.53 1.0um *

* Solvent Description: *

* Conditions: 210 3.5H 260 @6/M H0 295 @15/M H4.34 *

* Detector 0: A4 R1 Detector 1: *

* Misc. Information: INJ-240,DET-310,4.0UL INJ *

****

Starting Delay: 0.00 Ending retention time: 17.25

Area reject: 5000 One sample per 0.500 sec.

Amount injected: 1.00 Dilution factor: 1.00

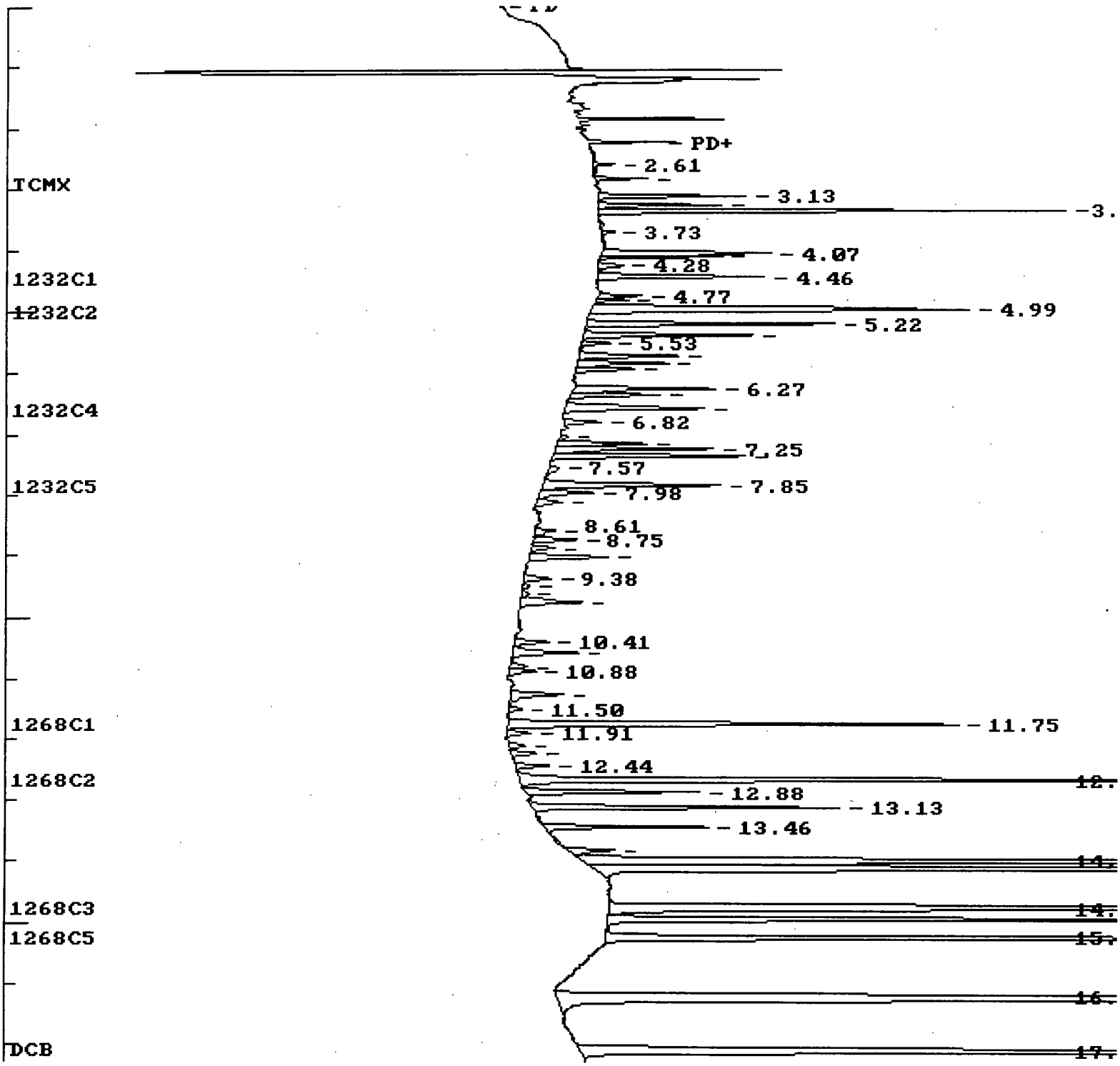
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
2	2.608		0.0000	0.0000%	14329	4164	3.4	1			0.0000E+00
3	2.842		0.0000	0.0000%	22136	10069	2.2	1			0.0000E+00
4	3.133		0.0000	0.0000%	73521	27525	2.7	2			0.0000E+00
5	3.283		0.0000	0.0000%	56941	22992	2.5	2			0.0000E+00
6	3.375		0.0000	0.0000%	234851	87323	2.7	2			0.0000E+00
8	3.725		0.0000	0.0000%	6704	2321	2.9	2			0.0000E+00
10	4.067		0.0000	0.0000%	101187	31564	3.2	2			0.0000E+00
11	4.125		0.0000	0.0000%	60404	22855	2.6	2			0.0000E+00
12	4.275		0.0000	0.0000%	19776	4698	4.2	2			0.0000E+00
13	4.458	1232C1	0.4787	9.9118%	104279	31160	3.3	2	62	-.1184	4.5910E-06
14	4.767		0.0000	0.0000%	24741	8331	3.0	2			0.0000E+00
15	4.833		0.0000	0.0000%	15426	6071	2.5	2			0.0000E+00
16	4.992	1232C2	0.4771	9.8779%	336471	70474	4.8	2	62	-.2117	1.4180E-06
17	5.217	1232C3	0.4907	10.1592%	145228	46189	3.1	2	62	-.1718	3.3788E-06
18	5.392		0.0000	0.0000%	100963	31602	3.2	2			0.0000E+00
19	5.525		0.0000	0.0000%	17037	5433	3.1	2			0.0000E+00
20	5.733		0.0000	0.0000%	65560	18904	3.5	2			0.0000E+00
21	5.850		0.0000	0.0000%	57896	17322	3.3	2			0.0000E+00
22	5.950		0.0000	0.0000%	47452	11301	4.2	2			0.0000E+00
23	6.267		0.0000	0.0000%	89203	26604	3.4	2			0.0000E+00
24	6.367		0.0000	0.0000%	62526	16906	3.7	2			0.0000E+00
25	6.592	1232C4	0.4875	10.0927%	124863	26212	4.8	1	62	-.1170	3.9041E-06
26	6.817		0.0000	0.0000%	23343	7091	3.3	1			0.0000E+00
27	7.058		0.0000	0.0000%	5853	1633	3.6	2			0.0000E+00
28	7.167		0.0000	0.0000%	61203	17082	3.6	2			0.0000E+00
29	7.250		0.0000	0.0000%	101648	29752	3.4	2			0.0000E+00
30	7.367		0.0000	0.0000%	130899	36210	3.6	2			0.0000E+00
31	7.567		0.0000	0.0000%	13660	2028	6.7	2			0.0000E+00
32	7.850	1232C5	0.5200	10.7665%	147650	33408	4.4	2	62	-.1057	3.5220E-06
33	7.975		0.0000	0.0000%	43257	10444	4.1	2			0.0000E+00
34	8.125		0.0000	0.0000%	23341	5058	4.6	2			0.0000E+00
36	8.608		0.0000	0.0000%	15066	3815	3.9	2			0.0000E+00
37	8.750		0.0000	0.0000%	31986	8352	3.8	2			0.0000E+00
38	8.892		0.0000	0.0000%	16926	4554	3.7	2			0.0000E+00
39	9.033		0.0000	0.0000%	59210	15025	3.9	2			0.0000E+00
40	9.383		0.0000	0.0000%	21339	5234	4.1	2			0.0000E+00
41	9.517		0.0000	0.0000%	6299	1500	4.2	2			0.0000E+00
42	9.625		0.0000	0.0000%	6220	1452	4.3	2			0.0000E+00

43	9.767		0.0000	0.0000%	59420	11765	5.1	2			0.0000E+00
44	10.408		0.0000	0.0000%	24945	6465	3.9	2			0.0000E+00
45	10.583		0.0000	0.0000%	57151	12392	4.6	2			0.0000E+00
46	10.808		0.0000	0.0000%	12872	3325	3.9	2			0.0000E+00
47	10.883		0.0000	0.0000%	21631	5135	4.2	2			0.0000E+00
48	11.258		0.0000	0.0000%	47015	10057	4.7	2			0.0000E+00
49	11.500		0.0000	0.0000%	10558	2450	4.3	2			0.0000E+00
50	11.750	1268C1	0.4875	10.0935%	326394	83865	3.9	2	62	0	1.4937E-06
51	11.908		0.0000	0.0000%	16833	4622	3.6	2			0.0000E+00
52	12.108		0.0000	0.0000%	13564	3039	4.5	2			0.0000E+00
53	12.233		0.0000	0.0000%	19900	4831	4.1	2			0.0000E+00
54	12.442		0.0000	0.0000%	22928	6384	3.6	2			0.0000E+00
55	12.667	1268C2	0.3925	8.1264%	523579	144493	3.6	2	62	-.1296	7.4967E-07
56	12.875		0.0000	0.0000%	105620	32429	3.3	1			0.0000E+00
57	13.133		0.0000	0.0000%	195462	57213	3.4	1			0.0000E+00
58	13.458		0.0000	0.0000%	99458	30681	3.2	1			0.0000E+00
59	13.842		0.0000	0.0000%	27609	8163	3.4	2			0.0000E+00
60	14.000		0.0000	0.0000%	2704345	858450	3.2	OV			0.0000E+00
61	14.117		0.0000	0.0000%	2575620	856562	3.0	OV			0.0000E+00
62	14.758	1268C3	0.6003	12.4285%	2470902	853948	2.9	OV	62	0	2.4295E-07
63	14.942	1268C4	0.4292	8.8850%	420702	124922	3.4	2	62	-.1142	1.0201E-06
64	15.233	1268C5	0.4450	9.2133%	497802	140679	3.5	2	62	-.1161	8.9394E-07
65	16.183		0.0000	0.0000%	4400877	863547	5.1	OV			0.0000E+00
66	17.083	DCB	0.0215	0.4452%	916104	213840	4.3	1	66	0	2.3470E-08

TOTAL AMOUNT = 4.8301

Areas, times, and heights stored in: O:55PCD26.ATB
Data File = O:55PCD26.PTS Printed on 08-16-1998 at 09:10:06
Start time: 0.00 min. Stop time: 17.25 min. Offset: -50 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-16-1998 09:10:09 Version 5.1.5 **********

* Sample Name: AR3268 1.0 PC059D Data File: O:55PCD27 *

* Date: 08-15-1998 20:36:48 Method: O:55PCD6 08-04-1998 23:31:13 # 4490*

* Interface: 4 Cycle#: 27 Operator TMC Channel#: 0 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

* Instrument Type: 3400-A/B Column Type: XTI-5 30M 0.53 1.0um *

* Solvent Description: *

* Conditions: 210 3.5H 260 @6/M H0 295 @15/M H4.34 *

* Detector 0: A4 R1 Detector 1: *

* Misc. Information: INJ-240,DET-310,4.0UL INJ *

****

Starting Delay: 0.00 Ending retention time: 17.25

Area reject: 5000 One sample per 0.500 sec.

Amount injected: 1.00 Dilution factor: 1.00

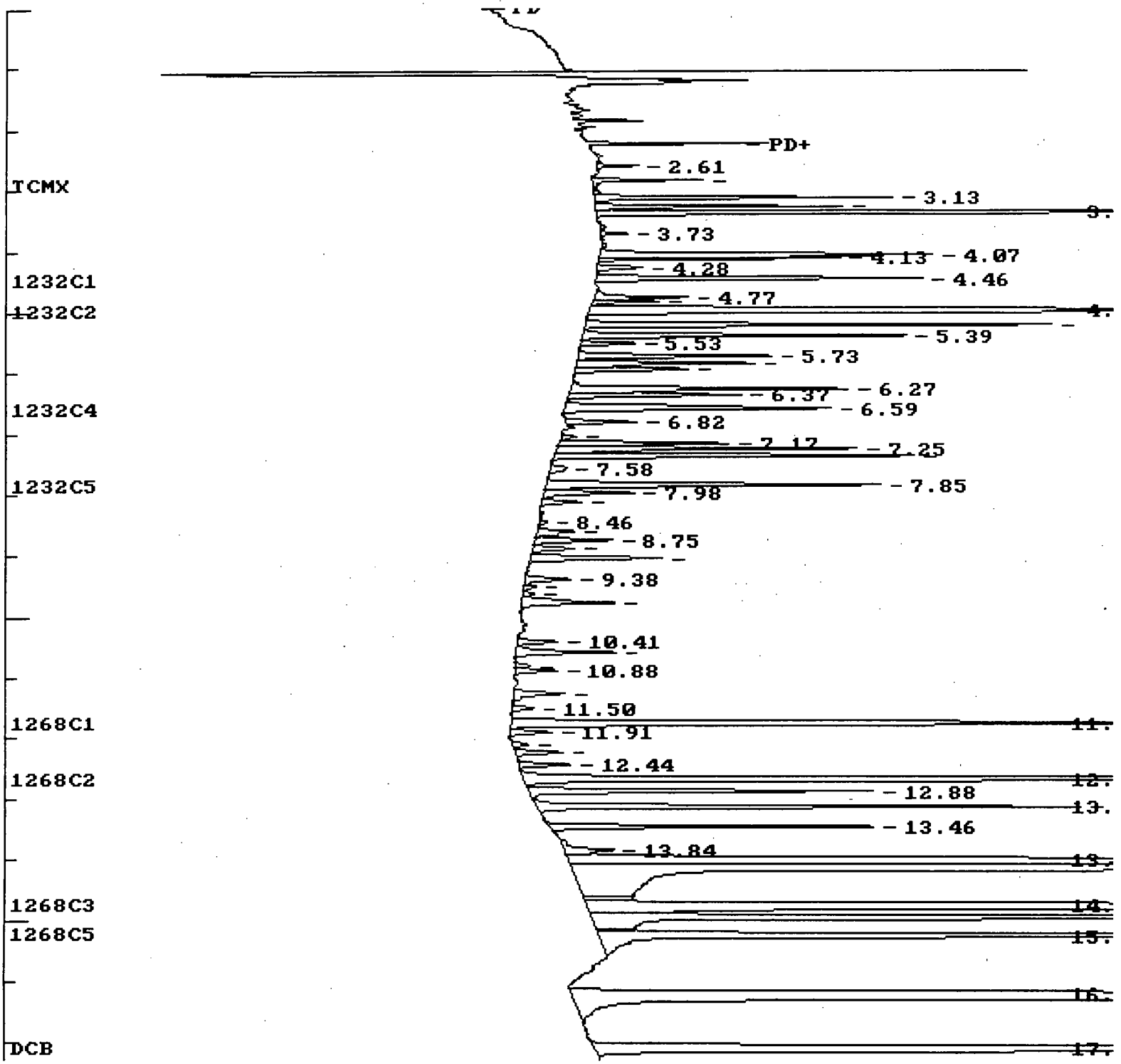
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
2	2.608		0.0000	0.0000%	16334	7715	2.1	1			0.0000E+00
3	2.842		0.0000	0.0000%	52662	20957	2.5	3			0.0000E+00
5	3.133		0.0000	0.0000%	153851	55568	2.8	2			0.0000E+00
6	3.283		0.0000	0.0000%	113020	46014	2.5	2			0.0000E+00
7	3.375		0.0000	0.0000%	469816	174819	2.7	2			0.0000E+00
9	3.725		0.0000	0.0000%	13529	5051	2.7	2			0.0000E+00
11	4.067		0.0000	0.0000%	200571	62247	3.2	2			0.0000E+00
12	4.125		0.0000	0.0000%	120150	44996	2.7	2			0.0000E+00
13	4.283		0.0000	0.0000%	31976	8554	3.7	2			0.0000E+00
14	4.458	1232C1	0.9172	9.5526%	199787	60963	3.3	2	64	0	4.5910E-06
15	4.767		0.0000	0.0000%	56959	17665	3.2	2			0.0000E+00
16	4.833		0.0000	0.0000%	37574	12703	3.0	2			0.0000E+00
17	4.992	1232C2	0.9277	9.6620%	654261	137205	4.8	2	64	0	1.4180E-06
18	5.217	1232C3	0.9298	9.6834%	275184	87651	3.1	2	64	0	3.3788E-06
19	5.392		0.0000	0.0000%	194936	60401	3.2	2			0.0000E+00
20	5.525		0.0000	0.0000%	32663	10341	3.2	2			0.0000E+00
21	5.733		0.0000	0.0000%	124313	36298	3.4	2			0.0000E+00
22	5.850		0.0000	0.0000%	110573	33532	3.3	2			0.0000E+00
23	5.950		0.0000	0.0000%	87787	21607	4.1	2			0.0000E+00
24	6.267		0.0000	0.0000%	182344	51900	3.5	2			0.0000E+00
25	6.367		0.0000	0.0000%	122317	32397	3.8	2			0.0000E+00
26	6.592	1232C4	0.9284	9.6692%	237806	49797	4.8	2	64	.0524	3.9041E-06
27	6.817		0.0000	0.0000%	44911	13504	3.3	1			0.0000E+00
28	7.058		0.0000	0.0000%	10471	3121	3.4	2			0.0000E+00
29	7.167		0.0000	0.0000%	114530	32088	3.6	2			0.0000E+00
30	7.250		0.0000	0.0000%	193516	56234	3.4	2			0.0000E+00
31	7.367		0.0000	0.0000%	243133	67405	3.6	2			0.0000E+00
32	7.575		0.0000	0.0000%	20007	3208	6.2	2			0.0000E+00
33	7.850	1232C5	0.9392	9.7818%	266674	62477	4.3	2	64	0	3.5220E-06
34	7.975		0.0000	0.0000%	64722	17041	3.8	2			0.0000E+00
35	8.133		0.0000	0.0000%	28865	7691	3.8	2			0.0000E+00
37	8.458		0.0000	0.0000%	5219	1446	3.6	1			0.0000E+00
38	8.608		0.0000	0.0000%	29208	7297	4.0	2			0.0000E+00
39	8.750		0.0000	0.0000%	58579	14907	3.9	2			0.0000E+00
40	8.883		0.0000	0.0000%	31282	8177	3.8	2			0.0000E+00
41	9.042		0.0000	0.0000%	101815	25156	4.0	2			0.0000E+00
42	9.383		0.0000	0.0000%	35137	8717	4.0	2			0.0000E+00
43	9.500		0.0000	0.0000%	9044	2212	4.1	2			0.0000E+00

44	9.625		0.0000	0.0000%	8132	2279	3.6	2			0.0000E+00
45	9.767		0.0000	0.0000%	86697	17640	4.9	2			0.0000E+00
46	10.408		0.0000	0.0000%	28702	7610	3.8	2			0.0000E+00
47	10.583		0.0000	0.0000%	81133	18832	4.3	2			0.0000E+00
48	10.808		0.0000	0.0000%	11119	3107	3.6	2			0.0000E+00
49	10.883		0.0000	0.0000%	31592	8174	3.9	2			0.0000E+00
50	11.267		0.0000	0.0000%	46123	9972	4.6	2			0.0000E+00
51	11.500		0.0000	0.0000%	18232	4268	4.3	2			0.0000E+00
52	11.750	1268C1	0.9828	10.2353%	657965	165614	4.0	2	64	0	1.4937E-06
53	11.908		0.0000	0.0000%	29633	7988	3.7	2			0.0000E+00
54	12.108		0.0000	0.0000%	12606	3033	4.2	2			0.0000E+00
55	12.233		0.0000	0.0000%	32669	8885	3.7	2			0.0000E+00
56	12.442		0.0000	0.0000%	34610	9728	3.6	1			0.0000E+00
57	12.667	1268C2	0.8088	8.4234%	1078883	318446	3.4	2	64	0	7.4967E-07
58	12.875		0.0000	0.0000%	223846	64241	3.5	2			0.0000E+00
59	13.133		0.0000	0.0000%	349379	101980	3.4	1			0.0000E+00
60	13.458		0.0000	0.0000%	196064	60339	3.2	1			0.0000E+00
61	13.842		0.0000	0.0000%	46020	9245	5.0	2			0.0000E+00
62	13.983		0.0000	0.0000%	3875218	861113	4.5	OV			0.0000E+00
63	14.100		0.0000	0.0000%	4193261	860567	4.9	OV			0.0000E+00
64	14.733	1268C3	0.9684	10.0857%	3986085	857601	4.6	OV	64	0	2.4295E-07
65	14.942	1268C4	1.0827	11.2755%	1061336	296150	3.6	2	64	0	1.0201E-06
66	15.242	1268C5	1.0678	11.1211%	1194515	331210	3.6	2	64	.1080	8.9394E-07
67	16.167		0.0000	0.0000%	5749519	860543	6.7	OV			0.0000E+00
68	17.083	DCB	0.0490	0.5100%	2086368	514862	4.1	1	68	0	2.3470E-08

TOTAL AMOUNT = 9.6018

Areas, times, and heights stored in: O:55PCD27.ATB
Data File = O:55PCD27.PTS Printed on 08-16-1998 at 09:10:12
Start time: 0.00 min. Stop time: 17.25 min. Offset: -50 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-16-1998 09:10:37 Version 5.1.5 **********

* Sample Name: AR1262 .05 PC064D Data File: O:55PCD28 *

* Date: 08-15-1998 20:57:25 Method: O:55PCD7 08-04-1998 23:49:43 # 3164*

* Interface: 4 Cycle#: 28 Operator TMC Channel#: 0 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

* Instrument Type: 3400-A/B Column Type: XTI-5 30M 0.53 1.0um *

* Solvent Description: *

* Conditions: 210 3.5H 260 @6/M H0 295 @15/M H4.34 *

* Detector 0: A4 R1 Detector 1: *

* Misc. Information: INJ-240,DET-310,4.0UL INJ *

****

Starting Delay: 0.00 Ending retention time: 18.50

Area reject: 15000 One sample per 0.500 sec.

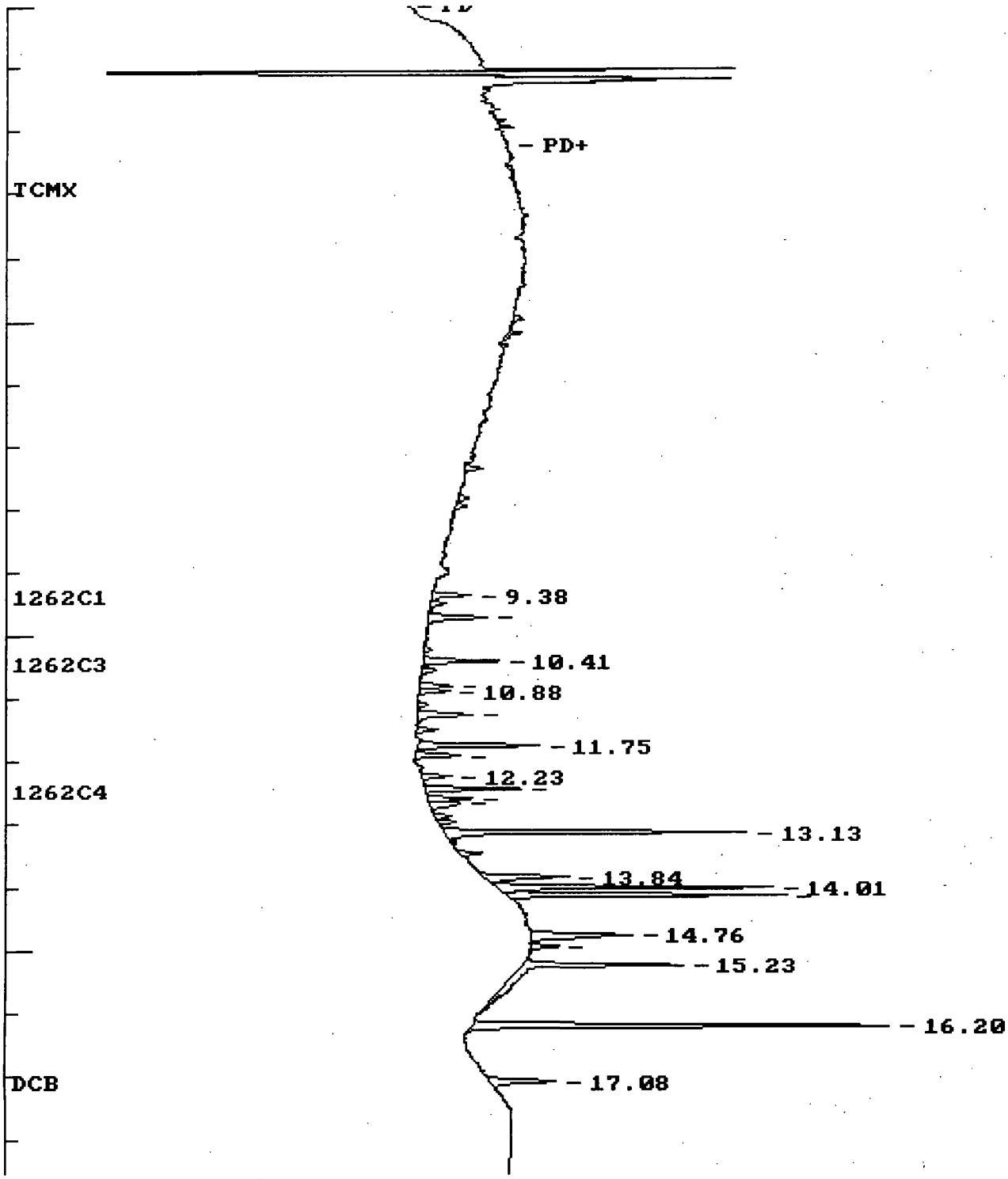
Amount injected: 1.00 Dilution factor: 1.00

Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
12	9.375	1262C1	0.0545	27.2861%	27658	6847	4.0	2	42	-.2235	1.9713E-06
14	9.717	1262C2	0.0541	27.0832%	45761	10151	4.5	2	42	-.2908	1.1826E-06
16	10.408	1262C3	0.0452	22.6375%	50011	12938	3.9	2	42	-.2323	9.0444E-07
18	10.800		0.0000	0.0000%	21035	5470	3.8	2			0.0000E+00
19	10.883		0.0000	0.0000%	19142	5168	3.7	2			0.0000E+00
21	11.258		0.0000	0.0000%	43015	9553	4.5	2			0.0000E+00
23	11.750		0.0000	0.0000%	79823	20515	3.9	1			0.0000E+00
24	11.908		0.0000	0.0000%	29448	7697	3.8	1			0.0000E+00
25	12.233		0.0000	0.0000%	17141	4967	3.5	1			0.0000E+00
26	12.442	1262C4	0.0448	22.4067%	59757	16300	3.7	2	42	-.2286	7.4922E-07
27	12.592		0.0000	0.0000%	27036	7552	3.6	2			0.0000E+00
28	12.675		0.0000	0.0000%	30057	5325	5.6	2			0.0000E+00
31	13.133	1262C5	0.0000	0.0000%	184119	51118	3.6	3			0.0000E+00
34	13.842		0.0000	0.0000%	53665	14071	3.8	2			0.0000E+00
35	14.008		0.0000	0.0000%	147278	46308	3.2	2			0.0000E+00
36	14.125		0.0000	0.0000%	145946	47010	3.1	2			0.0000E+00
38	14.758		0.0000	0.0000%	80481	17326	4.6	2			0.0000E+00
39	14.942		0.0000	0.0000%	17254	4905	3.5	2			0.0000E+00
40	15.233		0.0000	0.0000%	159103	27319	5.8	1			0.0000E+00
41	16.200		0.0000	0.0000%	276510	70540	3.9	1			0.0000E+00
42	17.083	DCB	0.0012	0.5865%	49935	11189	4.5	1	42	0	2.3470E-08

TOTAL AMOUNT = 0.1998

Areas, times, and heights stored in: O:55PCD28.ATB
Data File = O:55PCD28.PTS Printed on 08-16-1998 at 09:10:38
Start time: 0.00 min. Stop time: 18.50 min. Offset: -75 mv.
Full Range: 200 millivolts



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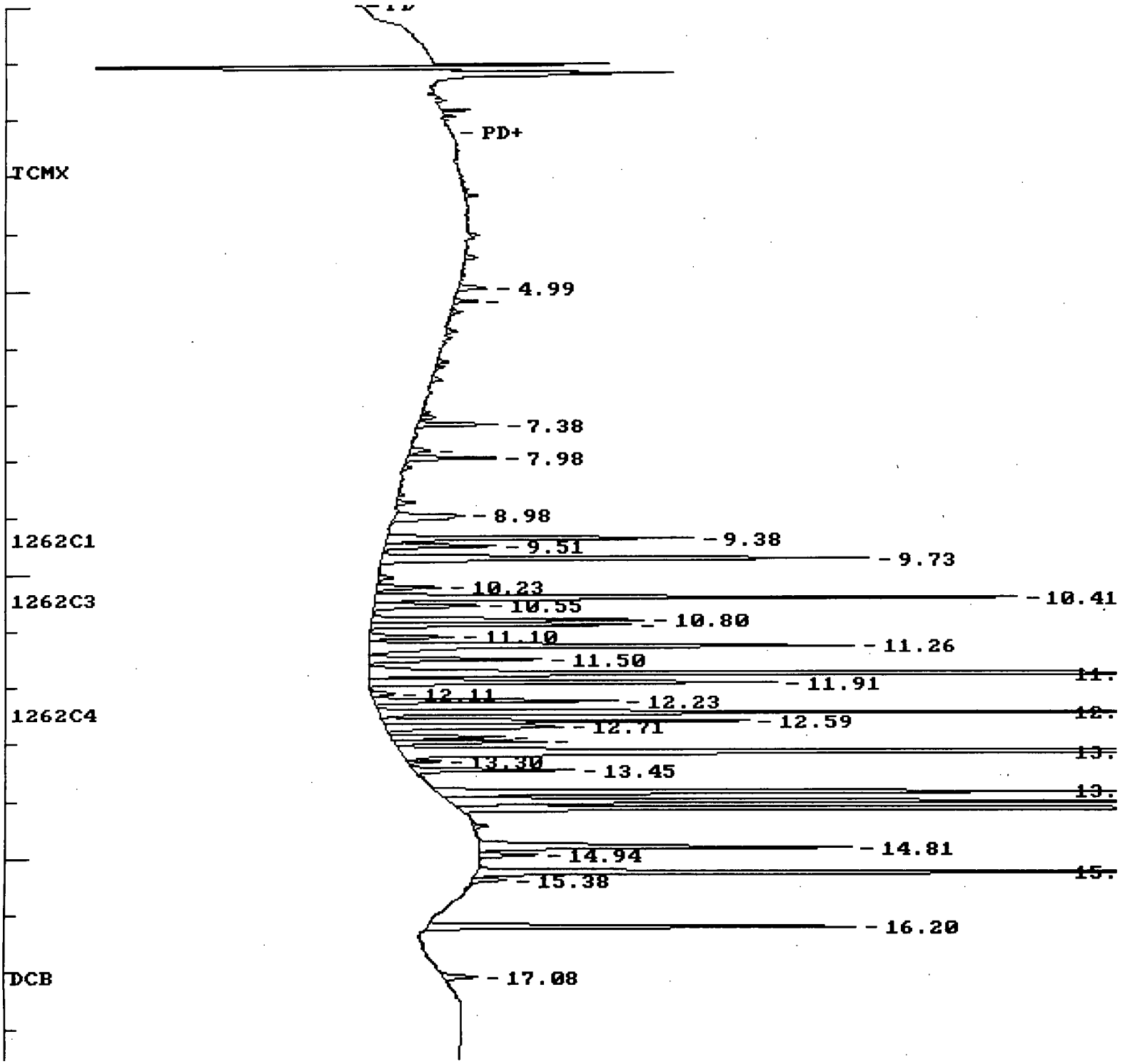
******* EXTERNAL STANDARD TABLE *******
******************** 08-16-1998 09:10:41 Version 5.1.5 ********************
* Sample Name: AR1262 1.0 PC063D                Data File: O:55PCD29        *
* Date: 08-15-1998 21:17:59 Method: O:55PCD7  08-04-1998 23:49:43  #  3164*
* Interface: 4   Cycle#:  29   Operator TMC Channel#: 0    Vial#: N.A.    *
* Starting Peak Width:  5   Threshold: 15  Area Threshold: 1000           *
*************************************************************************
* Instrument Type: 3400-A/B            Column Type: XTI-5 30M 0.53 1.0um *
*              Solvent Description:                                      *
* Conditions: 210 3.5H 260 @6/M H0 295 @15/M H4.34                       *
*            Detector 0:     A4 R1            Detector 1:               *
* Misc. Information: INJ-240,DET-310,4.0UL INJ                           *
*************************************************************************
Starting Delay:   0.00                    Ending retention time:   18.50
Area reject:    15000                     One sample per   0.500 sec.
Amount injected:        1.00              Dilution factor:        1.00
Sample Weight:          1.00000
```

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
8	4.992		0.0000	0.0000%	26248	5632	4.7	2			0.0000E+00
9	5.217		0.0000	0.0000%	16020	4521	3.5	2			0.0000E+00
17	7.383		0.0000	0.0000%	54952	15180	3.6	1			0.0000E+00
18	7.833		0.0000	0.0000%	17226	3750	4.6	2			0.0000E+00
19	7.975		0.0000	0.0000%	61142	16909	3.6	2			0.0000E+00
23	8.983		0.0000	0.0000%	77664	12839	6.0	1			0.0000E+00
24	9.375	1262C1	0.4308	20.1604%	218536	57529	3.8	2	57	-.2235	1.9713E-06
25	9.508		0.0000	0.0000%	85654	20842	4.1	2			0.0000E+00
26	9.725	1262C2	0.4304	20.1409%	363935	90784	4.0	2	57	-.2053	1.1826E-06
28	10.225		0.0000	0.0000%	48847	12133	4.0	2			0.0000E+00
29	10.408	1262C3	0.4189	19.6022%	463126	119852	3.9	2	57	-.2323	9.0444E-07
30	10.550		0.0000	0.0000%	85985	19961	4.3	2			0.0000E+00
31	10.800		0.0000	0.0000%	199673	51259	3.9	2			0.0000E+00
32	10.883		0.0000	0.0000%	187339	48935	3.8	2			0.0000E+00
33	11.100		0.0000	0.0000%	63818	15977	4.0	2			0.0000E+00
34	11.258		0.0000	0.0000%	409129	90338	4.5	2			0.0000E+00
35	11.500		0.0000	0.0000%	127873	32399	3.9	2			0.0000E+00
36	11.750		0.0000	0.0000%	775062	191248	4.1	2			0.0000E+00
37	11.908		0.0000	0.0000%	299960	76143	3.9	2			0.0000E+00
38	12.108		0.0000	0.0000%	17128	4277	4.0	2			0.0000E+00
39	12.233		0.0000	0.0000%	168658	45667	3.7	2			0.0000E+00
40	12.442	1262C4	0.4217	19.7358%	562883	157129	3.6	2	57	-.2286	7.4922E-07
41	12.592		0.0000	0.0000%	250295	68470	3.7	2			0.0000E+00
42	12.708		0.0000	0.0000%	186574	33314	5.6	2			0.0000E+00
43	12.875	~~1262C5~~	0.4344	20.3296%	72538	21459	3.4	2	57	-.2476	5.9888E-06
44	12.967		0.0000	0.0000%	94645	28576	3.3	2			0.0000E+00
45	13.133	1262C5	0.0000	0.0000%	1912393	594304	3.2	2			0.0000E+00
46	13.300		0.0000	0.0000%	20216	6265	3.2	2			0.0000E+00
47	13.450		0.0000	0.0000%	98705	30097	3.3	1			0.0000E+00
48	13.833		0.0000	0.0000%	476890	128533	3.7	2			0.0000E+00
49	14.008		0.0000	0.0000%	773646	245338	3.2	2			0.0000E+00
50	14.125		0.0000	0.0000%	794407	268769	3.0	2			0.0000E+00
52	14.808		0.0000	0.0000%	296101	69257	4.3	2			0.0000E+00
53	14.942		0.0000	0.0000%	36976	11114	3.3	2			0.0000E+00
54	15.233		0.0000	0.0000%	608928	174189	3.5	2			0.0000E+00
55	15.383		0.0000	0.0000%	30998	6999	4.4	2			0.0000E+00
56	16.200		0.0000	0.0000%	314089	79969	3.9	1			0.0000E+00
57	17.083	DCB	0.0007	0.0312%	28418	6283	4.5	1	57	0	2.3470E-08

TOTAL AMOUNT = 2.1369

Areas, times, and heights stored in: O:55PCD29.ATB
Data File = O:55PCD29.PTS Printed on 08-16-1998 at 09:10:43
Start time: 0.00 min. Stop time: 18.50 min. Offset: -75 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-16-1998 09:10:46 Version 5.1.5 **********

* Sample Name: AR1262 1.0 PC062D Data File: O:55PCD30 *
* Date: 08-15-1998 21:38:37 Method: O:55PCD7 08-04-1998 23:49:43 # 3164*
* Interface: 4 Cycle#: 30 Operator TMC Channel#: 0 Vial#: N.A. *
* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

* Instrument Type: 3400-A/B Column Type: XTI-5 30M 0.53 1.0um *
* Solvent Description: *
* Conditions: 210 3.5H 260 @6/M H0 295 @15/M H4.34 *
* Detector 0: A4 R1 Detector 1: *
* Misc. Information: INJ-240,DET-310,4.0UL INJ *

****

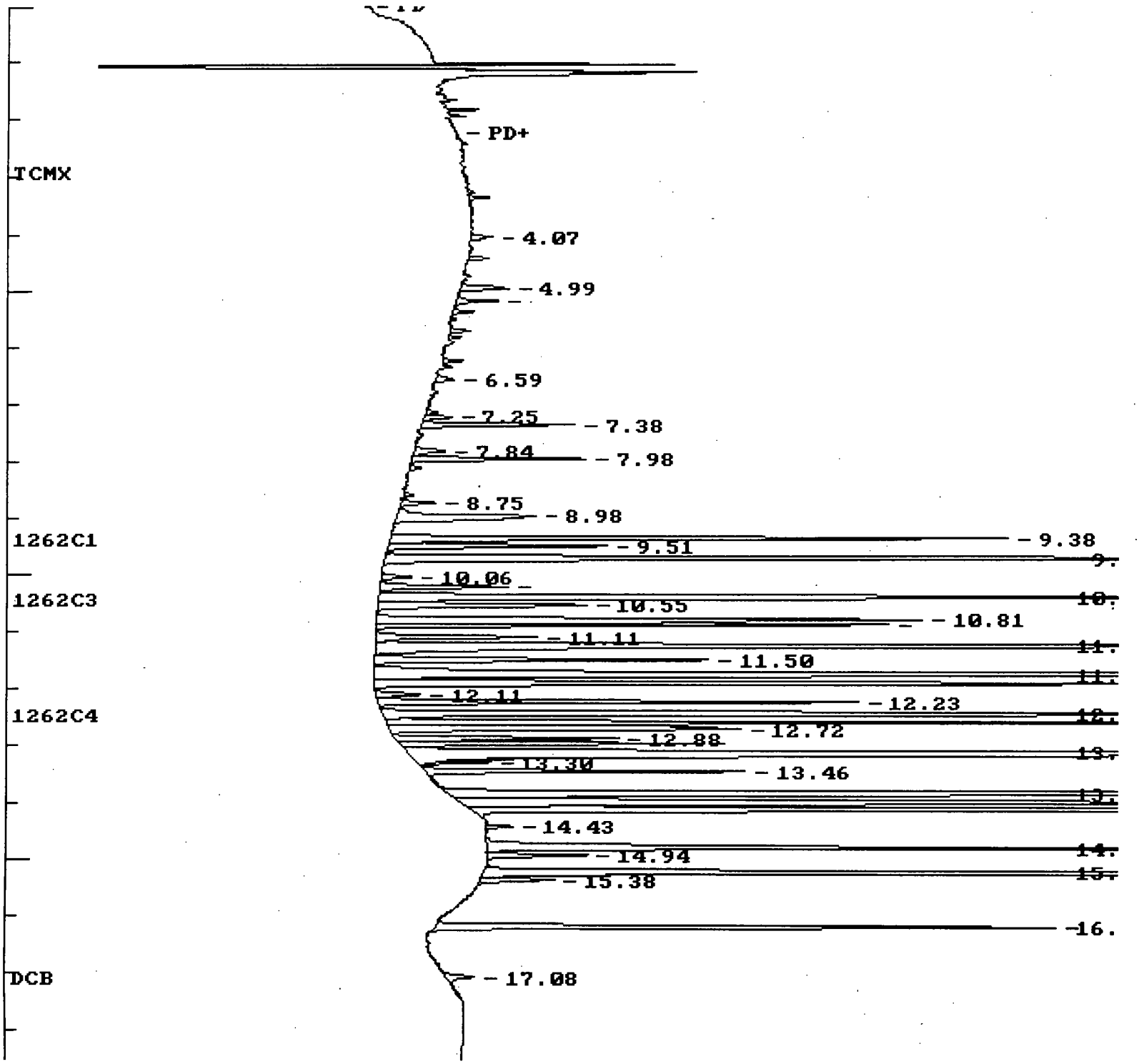
Starting Delay: 0.00 Ending retention time: 18.50
Area reject: 15000 One sample per 0.500 sec.
Amount injected: 1.00 Dilution factor: 1.00
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
3	4.075		0.0000	0.0000%	16867	4243	4.0	1			0.0000E+00
5	4.992		0.0000	0.0000%	41847	9203	4.5	2			0.0000E+00
6	5.217		0.0000	0.0000%	28651	7970	3.6	2			0.0000E+00
12	6.592		0.0000	0.0000%	16151	3661	4.4	1			0.0000E+00
14	7.250		0.0000	0.0000%	19034	5340	3.6	2			0.0000E+00
15	7.383		0.0000	0.0000%	105384	29014	3.6	2			0.0000E+00
16	7.842		0.0000	0.0000%	29107	5971	4.9	2			0.0000E+00
17	7.975		0.0000	0.0000%	119171	32824	3.6	2			0.0000E+00
20	8.750		0.0000	0.0000%	26873	6831	3.9	2			0.0000E+00
21	8.983		0.0000	0.0000%	169430	26325	6.4	2			0.0000E+00
22	9.375	1262C1	0.8526	19.7076%	432510	115335	3.8	2	56	-.2235	1.9713E-06
23	9.508		0.0000	0.0000%	165956	41018	4.0	2			0.0000E+00
24	9.725	1262C2	0.8576	19.8230%	725192	185304	3.9	2	56	-.2053	1.1826E-06
25	10.058		0.0000	0.0000%	23821	5528	4.3	2			0.0000E+00
26	10.233		0.0000	0.0000%	96095	24198	4.0	2			0.0000E+00
27	10.408	1262C3	0.8515	19.6815%	941433	247723	3.8	2	56	-.2323	9.0444E-07
28	10.550		0.0000	0.0000%	165009	39237	4.2	2			0.0000E+00
29	10.808		0.0000	0.0000%	407995	101762	4.0	2			0.0000E+00
30	10.892		0.0000	0.0000%	350849	95560	3.7	2			0.0000E+00
31	11.108		0.0000	0.0000%	118669	30409	3.9	2			0.0000E+00
32	11.258		0.0000	0.0000%	813611	181090	4.5	2			0.0000E+00
33	11.500		0.0000	0.0000%	246246	62614	3.9	2			0.0000E+00
34	11.750		0.0000	0.0000%	1640084	430180	3.8	2			0.0000E+00
35	11.908		0.0000	0.0000%	606511	152813	4.0	2			0.0000E+00
36	12.108		0.0000	0.0000%	31917	8237	3.9	2			0.0000E+00
37	12.233		0.0000	0.0000%	331778	89548	3.7	2			0.0000E+00
38	12.442	1262C4	0.8918	20.6138%	1190307	350850	3.4	2	56	-.2286	7.4922E-07
39	12.600		0.0000	0.0000%	497809	137168	3.6	2			0.0000E+00
40	12.717		0.0000	0.0000%	370014	65658	5.6	2			0.0000E+00
41	12.875	~~1262C5~~	0.8721	20.1593%	145629	41729	3.5	2	56	-.2476	5.9888E-06
42	12.967		0.0000	0.0000%	182678	56450	3.2	2			0.0000E+00
43	13.117	1262C5	0.0000	0.0000%	3734507	866670	4.3	OV			0.0000E+00
44	13.300		0.0000	0.0000%	34314	11368	3.0	4			0.0000E+00
45	13.458		0.0000	0.0000%	195599	59882	3.3	2			0.0000E+00
47	13.842		0.0000	0.0000%	1019984	286961	3.6	2			0.0000E+00
48	14.008		0.0000	0.0000%	1666017	581964	2.9	2			0.0000E+00
49	14.125		0.0000	0.0000%	1768414	624481	2.8	2			0.0000E+00
50	14.433		0.0000	0.0000%	15795	5115	3.1	1			0.0000E+00

51	14.808	0.0000	0.0000%	569449	143868	4.0	2			0.0000E+00
52	14.942	0.0000	0.0000%	64139	18972	3.4	2			0.0000E+00
53	15.242	0.0000	0.0000%	1313950	394512	3.3	2			0.0000E+00
54	15.383	0.0000	0.0000%	54783	14155	3.9	2			0.0000E+00
55	16.208	0.0000	0.0000%	457266	116380	3.9	1			0.0000E+00
56	17.083 DCB	0.0006	0.0147%	27154	5388	5.0	1	56	0	2.3470E-08

TOTAL AMOUNT = 4.3263

Areas, times, and heights stored in: O:55PCD30.ATB
Data File = O:55PCD30.PTS Printed on 08-16-1998 at 09:10:48
Start time: 0.00 min. Stop time: 18.50 min. Offset: -75 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-18-1998 18:07:03 Version 5.1.5 **********

* Sample Name: AR2148 0.5 PC047D Data File: O:55PCD131 *

* Date: 08-18-1998 16:16:56 Method: O:55PCD1 08-16-1998 10:12:24 # 4582*

* Interface: 4 Cycle#: 131 Operator TMC Channel#: 0 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

* Instrument Type: 3400-A/B Column Type: XTI-5 30M 0.53 1.0um *

* Solvent Description: *

* Conditions: 210 3.5H 260 @6/M H0 295 @15/M H4.34 *

* Detector 0: A4 R1 Detector 1: *

* Misc. Information: INJ-240,DET-310,4.0UL INJ *

****

Starting Delay: 0.00 Ending retention time: 17.50

Area reject: 2000 One sample per 0.500 sec.

Amount injected: 1.00 Dilution factor: 1.00

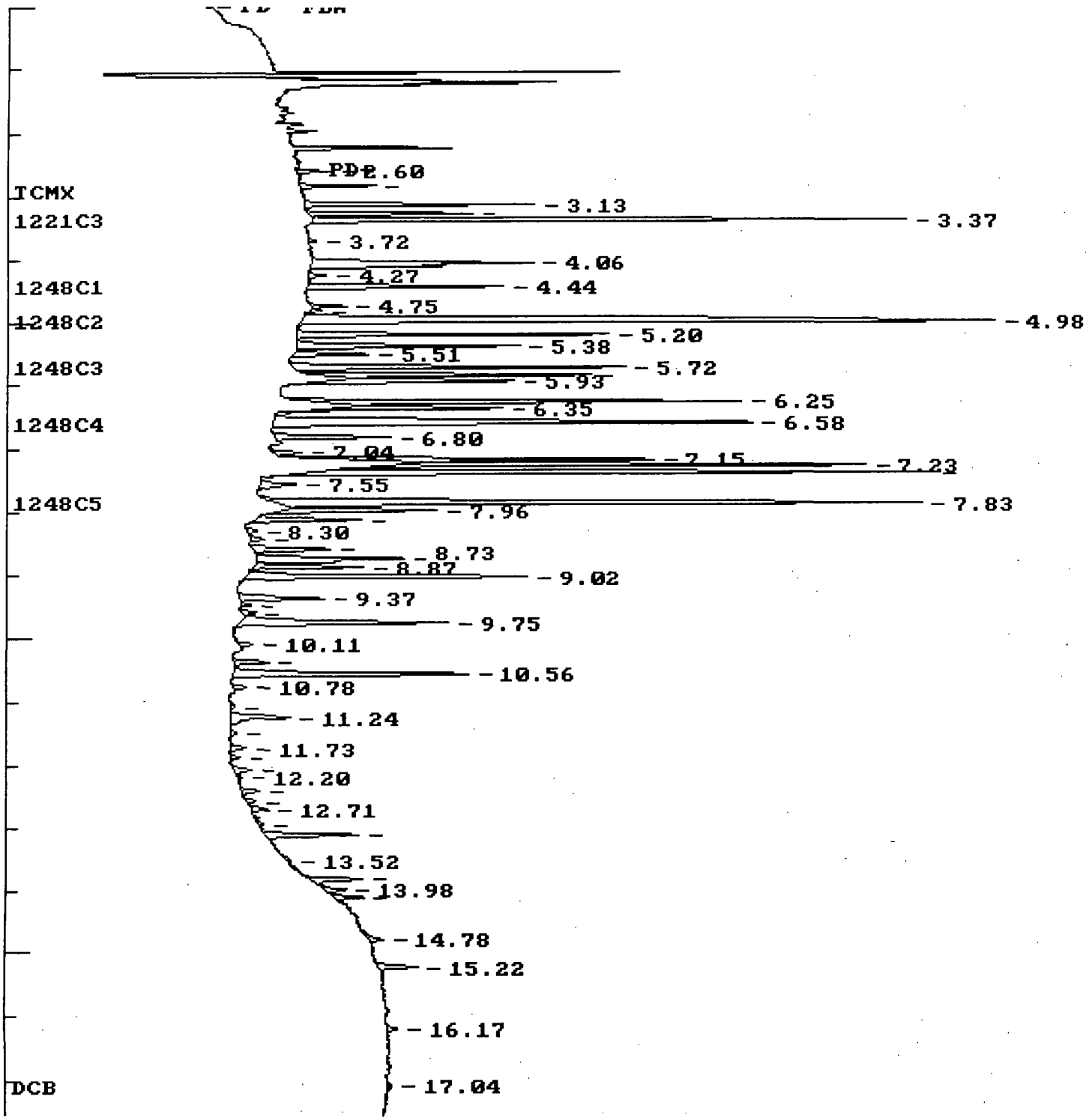
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	2.600		0.0000	0.0000%	13903	6281	2.2	1			0.0000E+00
2	2.833		0.0000	0.0000%	29929	13483	2.2	1			0.0000E+00
3	3.125	1221C1	0.5088	12.5380%	108331	41031	2.6	1	0	-.3984	4.6970E-06
4	3.267	1221C2	0.5139	12.6635%	68107	28932	2.4	1	0	-.5076	7.5458E-06
5	3.367	1221C3	0.4996	12.3112%	282302	105651	2.7	1	0	-.3699	1.7698E-06
6	3.717		0.0000	0.0000%	3774	1421	2.7	1			0.0000E+00
7	4.058		0.0000	0.0000%	190936	39747	4.8	1			0.0000E+00
8	4.267		0.0000	0.0000%	11074	3298	3.4	1			0.0000E+00
9	4.442	1248C1	0.5182	12.7686%	114345	35101	3.3	1	0	-.2806	4.5318E-06
10	4.750		0.0000	0.0000%	15705	6260	2.5	1			0.0000E+00
11	4.825		0.0000	0.0000%	4198	2144	2.0	1			0.0000E+00
12	4.983	1248C2	0.4902	12.0789%	588710	123365	4.8	1	0	-.2502	8.3267E-07
13	5.200		0.0000	0.0000%	173005	55787	3.1	1			0.0000E+00
14	5.383		0.0000	0.0000%	129784	39868	3.3	1			0.0000E+00
15	5.508		0.0000	0.0000%	40573	13607	3.0	1			0.0000E+00
16	5.717	1248C3	0.5185	12.7754%	189861	58699	3.2	1	0	-.2544	2.7307E-06
17	5.833		0.0000	0.0000%	126281	45459	2.8	1			0.0000E+00
18	5.925		0.0000	0.0000%	114225	32428	3.5	1			0.0000E+00
19	6.250		0.0000	0.0000%	221129	73221	3.0	1			0.0000E+00
20	6.350		0.0000	0.0000%	88041	30824	2.9	1			0.0000E+00
21	6.575	1248C4	0.5098	12.5622%	405098	85486	4.7	1	0	-.2213	1.2585E-06
22	6.800		0.0000	0.0000%	67264	20435	3.3	1			0.0000E+00
23	7.042		0.0000	0.0000%	12277	4499	2.7	1			0.0000E+00
24	7.150		0.0000	0.0000%	144930	49750	2.9	1			0.0000E+00
25	7.233		0.0000	0.0000%	227230	83206	2.7	1			0.0000E+00
26	7.350		0.0000	0.0000%	368878	110887	3.3	1			0.0000E+00
27	7.550		0.0000	0.0000%	28551	6644	4.3	1			0.0000E+00
28	7.833	1248C5	0.4992	12.3000%	463333	114120	4.1	1	0	-.1858	1.0773E-06
29	7.958		0.0000	0.0000%	89562	27523	3.3	1			0.0000E+00
30	8.108		0.0000	0.0000%	65007	18854	3.4	1			0.0000E+00
31	8.300		0.0000	0.0000%	5686	1564	3.6	1			0.0000E+00
32	8.433		0.0000	0.0000%	9280	2786	3.3	1			0.0000E+00
33	8.583		0.0000	0.0000%	50383	14053	3.6	1			0.0000E+00
34	8.733		0.0000	0.0000%	96740	26191	3.7	1			0.0000E+00
35	8.867		0.0000	0.0000%	65352	19694	3.3	1			0.0000E+00
36	9.017		0.0000	0.0000%	187790	50319	3.7	1			0.0000E+00
37	9.367		0.0000	0.0000%	56907	15028	3.8	1			0.0000E+00
38	9.500		0.0000	0.0000%	5634	1809	3.1	1			0.0000E+00
39	9.608		0.0000	0.0000%	6790	2175	3.1	1			0.0000E+00

40	9.750	0.0000	0.0000%	151367	37062	4.1	1			0.0000E+00
41	10.108	0.0000	0.0000%	9717	2606	3.7	1			0.0000E+00
42	10.383	0.0000	0.0000%	23020	6314	3.6	1			0.0000E+00
43	10.558	0.0000	0.0000%	163806	41985	3.9	1			0.0000E+00
44	10.775	0.0000	0.0000%	8833	2502	3.5	1			0.0000E+00
45	11.083	0.0000	0.0000%	5508	938	5.9	1			0.0000E+00
46	11.242	0.0000	0.0000%	49931	10666	4.7	1			0.0000E+00
47	11.492	0.0000	0.0000%	5114	1280	4.0	1			0.0000E+00
48	11.725	0.0000	0.0000%	11221	2917	3.8	1			0.0000E+00
49	11.883	0.0000	0.0000%	6452	1736	3.7	1			0.0000E+00
50	12.083	0.0000	0.0000%	12229	3062	4.0	1			0.0000E+00
51	12.200	0.0000	0.0000%	3243	780	4.2	1			0.0000E+00
52	12.417	0.0000	0.0000%	11833	3301	3.6	1			0.0000E+00
53	12.583	0.0000	0.0000%	6478	1636	4.0	1			0.0000E+00
54	12.708	0.0000	0.0000%	12259	3168	3.9	1			0.0000E+00
55	12.942	0.0000	0.0000%	6426	1039	6.2	1			0.0000E+00
56	13.108	0.0000	0.0000%	55186	16480	3.3	1			0.0000E+00
57	13.517	0.0000	0.0000%	4329	717	6.0	1			0.0000E+00
58	13.817	0.0000	0.0000%	25861	8662	3.0	1			0.0000E+00
59	13.983	0.0000	0.0000%	10334	3243	3.2	1			0.0000E+00
60	14.108	0.0000	0.0000%	15420	4781	3.2	1			0.0000E+00
61	14.783	0.0000	0.0000%	12162	2565	4.7	1			0.0000E+00
62	15.217	0.0000	0.0000%	24586	6809	3.6	1			0.0000E+00
63	16.175	0.0000	0.0000%	7056	1898	3.7	1			0.0000E+00
64	17.042 DCB	0.0001	0.0022%	2388	733	3.3	1	0	-.2244	3.6678E-08

TOTAL AMOUNT = 4.0583

Areas, times, and heights stored in: O:55PCD131.ATB
Data File = O:55PCD131.PTS Printed on 08-18-1998 at 18:07:05
Start time: 0.00 min. Stop time: 17.50 min. Offset: -99 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-18-1998 18:07:09 Version 5.1.5 **********

* Sample Name: AR1660 0.5 PC040D Data File: O:55PCD132 *
* Date: 08-18-1998 16:37:39 Method: O:55PCD2 08-16-1998 09:14:01 # 4484*
* Interface: 4 Cycle#: 132 Operator TMC Channel#: 0 Vial#: N.A. *
* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

* Instrument Type: 3400-A/B Column Type: XTI-5 30M 0.53 1.0um *
* Solvent Description: *
* Conditions: 210 3.5H 260 @6/M H0 295 @15/M H4.34 *
* Detector 0: A4 R1 Detector 1: *
* Misc. Information: INJ-240,DET-310,4.0UL INJ *

****

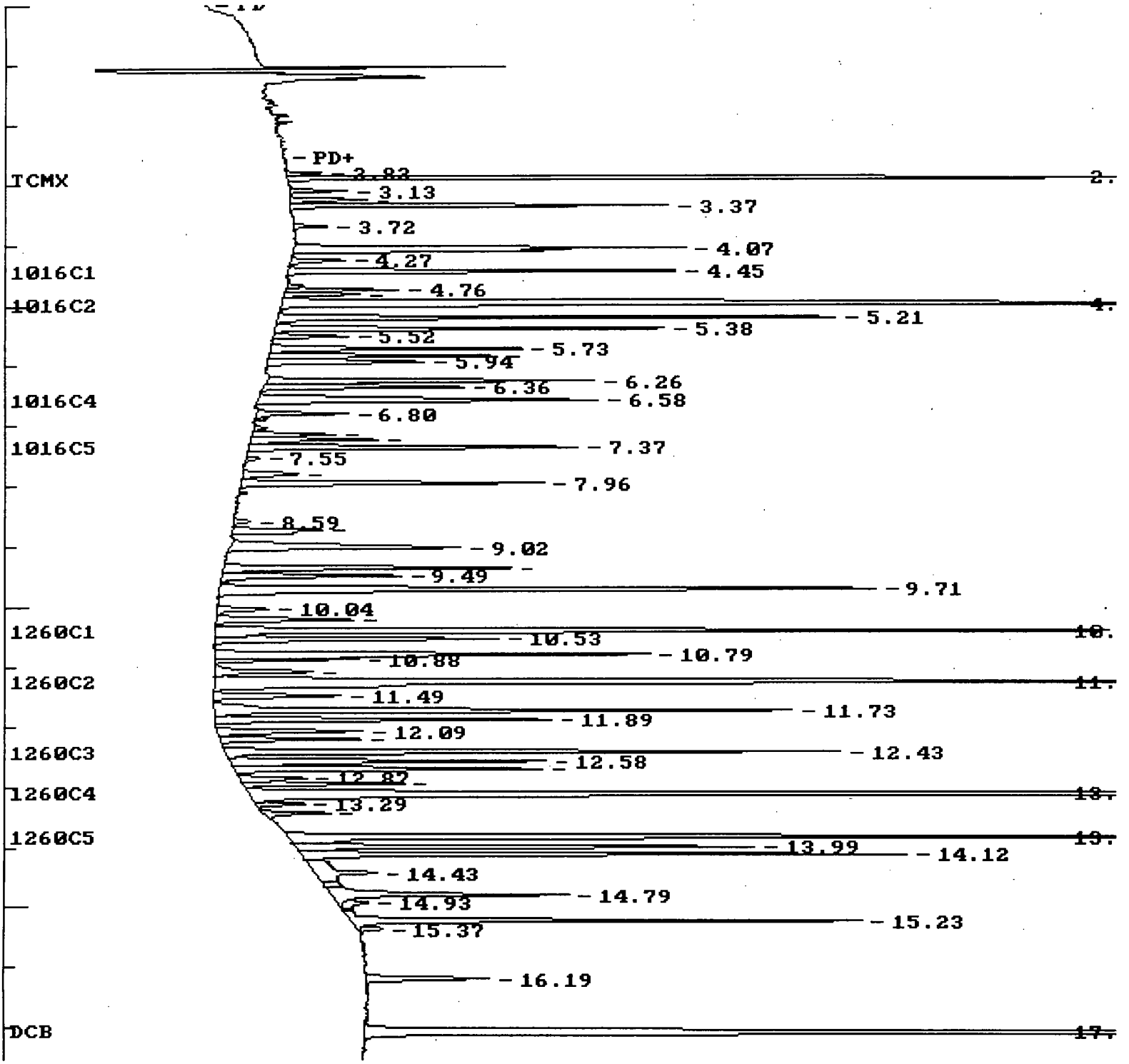
Starting Delay: 0.00 Ending retention time: 17.50
Area reject: 10000 One sample per 0.500 sec.
Amount injected: 1.00 Dilution factor: 1.00
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
2	2.833		0.0000	0.0000%	14413	6575	2.2	2			0.0000E+00
3	2.908	TCMX	0.0190	0.3802%	494998	226748	2.2	2	53	-.1812	3.8375E-08
4	3.125		0.0000	0.0000%	29353	10750	2.7	2			0.0000E+00
5	3.275		0.0000	0.0000%	35767	14377	2.5	2			0.0000E+00
6	3.367		0.0000	0.0000%	187235	70795	2.6	2			0.0000E+00
7	3.717		0.0000	0.0000%	17221	6318	2.7	1			0.0000E+00
8	4.067		0.0000	0.0000%	334615	73431	4.6	2			0.0000E+00
9	4.267		0.0000	0.0000%	37548	10229	3.7	2			0.0000E+00
10	4.450	1016C1	0.5147	10.3029%	240256	72747	3.3	2	53	.1048	2.1424E-06
12	4.758		0.0000	0.0000%	61900	21131	2.9	2			0.0000E+00
13	4.825		0.0000	0.0000%	41848	14213	2.9	2			0.0000E+00
14	4.983	1016C2	0.4775	9.5576%	805713	170414	4.7	2	53	0	5.9264E-07
15	5.208	1016C3	0.5006	10.0202%	324630	103982	3.1	2	53	0	1.5421E-06
16	5.383		0.0000	0.0000%	233468	72949	3.2	2			0.0000E+00
17	5.517		0.0000	0.0000%	44233	14076	3.1	2			0.0000E+00
18	5.725		0.0000	0.0000%	160839	47161	3.4	2			0.0000E+00
19	5.842		0.0000	0.0000%	138178	42969	3.2	2			0.0000E+00
20	5.942		0.0000	0.0000%	125505	29412	4.3	2			0.0000E+00
21	6.258		0.0000	0.0000%	214193	61430	3.5	2			0.0000E+00
22	6.358		0.0000	0.0000%	139350	37454	3.7	2			0.0000E+00
23	6.583	1016C4	0.5119	10.2466%	300283	63779	4.7	1	53	0	1.7048E-06
24	6.800		0.0000	0.0000%	58673	17081	3.4	3			0.0000E+00
27	7.158		0.0000	0.0000%	53552	15787	3.4	2			0.0000E+00
28	7.242		0.0000	0.0000%	84013	23787	3.5	2			0.0000E+00
29	7.367	1016C5	0.5082	10.1717%	226577	61723	3.7	2	53	0	2.2428E-06
30	7.550		0.0000	0.0000%	10155	2689	3.8	1			0.0000E+00
31	7.808		0.0000	0.0000%	51036	10662	4.8	2			0.0000E+00
32	7.958		0.0000	0.0000%	206323	56728	3.6	2			0.0000E+00
34	8.592		0.0000	0.0000%	12200	3322	3.7	2			0.0000E+00
35	8.733		0.0000	0.0000%	61678	16863	3.7	2			0.0000E+00
36	9.025		0.0000	0.0000%	217611	43261	5.0	1			0.0000E+00
37	9.358		0.0000	0.0000%	205047	53871	3.8	2			0.0000E+00
38	9.492		0.0000	0.0000%	138195	33532	4.1	2			0.0000E+00
39	9.708		0.0000	0.0000%	528312	122234	4.3	2			0.0000E+00
40	10.042		0.0000	0.0000%	39053	9642	4.1	2			0.0000E+00
41	10.217		0.0000	0.0000%	103889	25637	4.1	2			0.0000E+00
42	10.392	1260C1	0.4918	9.8443%	641546	166951	3.8	2	53	0	7.6662E-07
43	10.533		0.0000	0.0000%	214418	53153	4.0	2			0.0000E+00

44	10.792		0.0000	0.0000%	320339	81442	3.9	2			0.0000E+00
45	10.875		0.0000	0.0000%	92375	26898	3.4	2			0.0000E+00
46	11.083		0.0000	0.0000%	77830	18545	4.2	2			0.0000E+00
47	11.250	1260C2	0.4704	9.4148%	1019098	220824	4.6	2	53	0	4.6154E-07
48	11.492		0.0000	0.0000%	97042	23684	4.1	2			0.0000E+00
49	11.733		0.0000	0.0000%	437822	107751	4.1	2			0.0000E+00
50	11.892		0.0000	0.0000%	246486	62869	3.9	2			0.0000E+00
51	12.092		0.0000	0.0000%	110411	27239	4.1	2			0.0000E+00
52	12.225		0.0000	0.0000%	97556	26411	3.7	2			0.0000E+00
53	12.425	1260C3	0.5026	10.0595%	410075	114765	3.6	2	53	0	1.2256E-06
54	12.583		0.0000	0.0000%	215542	58947	3.7	2			0.0000E+00
55	12.708		0.0000	0.0000%	233894	57541	4.1	2			0.0000E+00
56	12.867		0.0000	0.0000%	43594	12385	3.5	2			0.0000E+00
57	12.958		0.0000	0.0000%	98826	29937	3.3	2			0.0000E+00
58	13.117	1260C4	0.4788	9.5832%	1464384	449680	3.3	2	53	0	3.2694E-07
59	13.292		0.0000	0.0000%	29419	8913	3.3	2			0.0000E+00
60	13.442		0.0000	0.0000%	39813	12249	3.3	1			0.0000E+00
61	13.825	1260C5	0.4786	9.5798%	665071	185697	3.6	2	53	0	7.1963E-07
62	13.992		0.0000	0.0000%	285680	85843	3.3	2			0.0000E+00
63	14.117		0.0000	0.0000%	364024	113070	3.2	2			0.0000E+00
64	14.425		0.0000	0.0000%	106674	11625	9.2	2			0.0000E+00
65	14.792		0.0000	0.0000%	202632	44545	4.5	3			0.0000E+00
66	14.933		0.0000	0.0000%	25775	4945	5.2	4			0.0000E+00
67	15.225		0.0000	0.0000%	350144	95206	3.7	3			0.0000E+00
68	15.367		0.0000	0.0000%	14662	4120	3.6	4			0.0000E+00
69	16.192		0.0000	0.0000%	91774	23216	4.0	1			0.0000E+00
70	17.067	DCB	0.0419	0.8392%	1143037	271930	4.2	1	70	0	3.6678E-08

TOTAL AMOUNT = 4.9960

Areas, times, and heights stored in: O:55PCD132.ATB
Data File = O:55PCD132.PTS Printed on 08-18-1998 at 18:07:12
Start time: 0.00 min. Stop time: 17.50 min. Offset: -99 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-18-1998 18:07:15 Version 5.1.5 **********

* Sample Name: AR1254 0.5 PC051D Data File: O:55PCD133 *
* Date: 08-18-1998 16:58:19 Method: O:55PCD3 08-16-1998 10:15:58 # 3197*
* Interface: 4 Cycle#: 133 Operator TMC Channel#: 0 Vial#: N.A. *
* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

* Instrument Type: 3400-A/B Column Type: XTI-5 30M 0.53 1.0um *
* Solvent Description: *
* Conditions: 210 3.5H 260 @6/M H0 295 @15/M H4.34 *
* Detector 0: A4 R1 Detector 1: *
* Misc. Information: INJ-240,DET-310,4.0UL INJ *

****

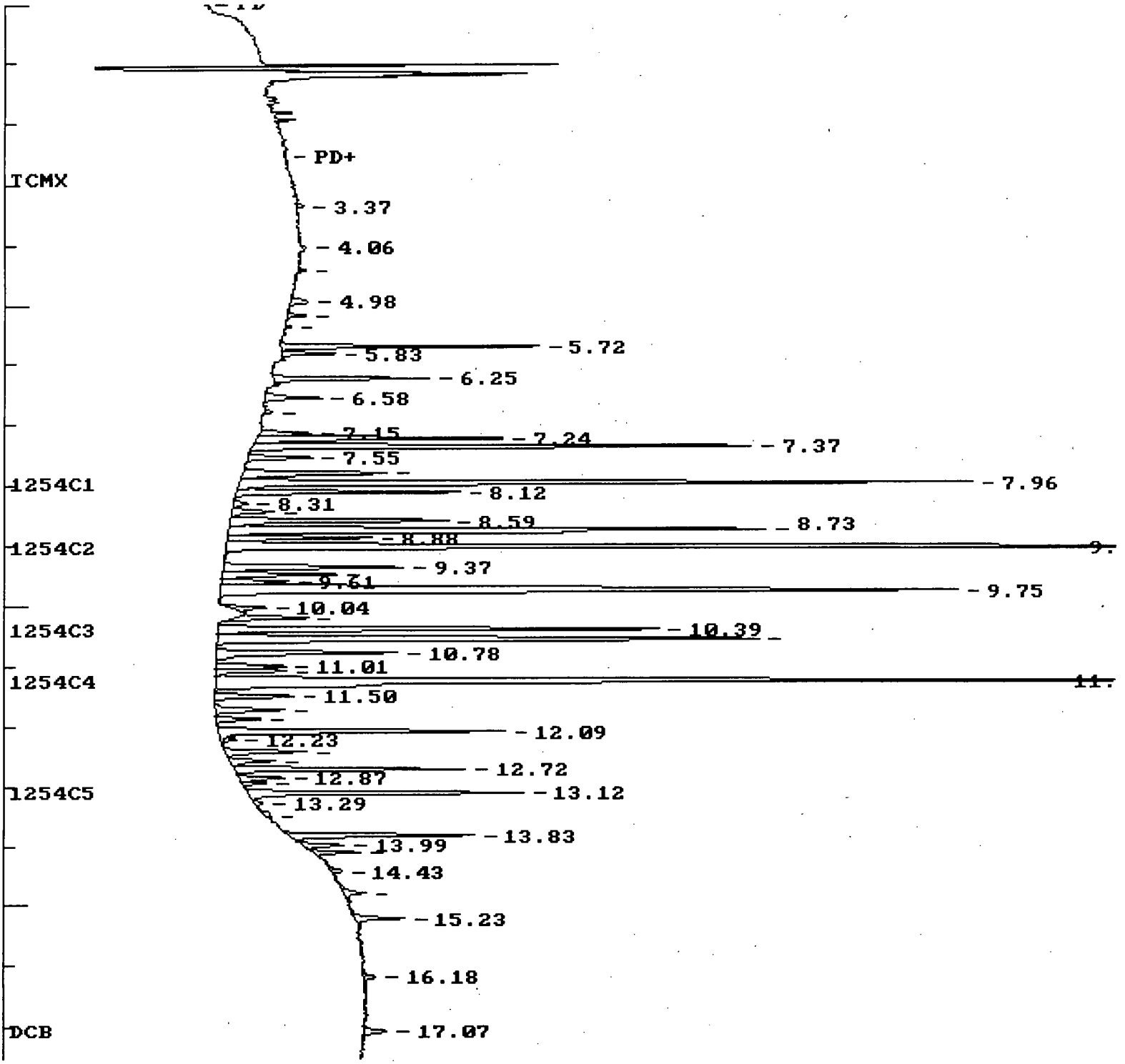
Starting Delay: 0.00 Ending retention time: 17.50
Area reject: 2000 One sample per 0.500 sec.
Amount injected: 1.00 Dilution factor: 1.00
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	3.367		0.0000	0.0000%	4087	1351	3.0	1			0.0000E+00
2	4.058		0.0000	0.0000%	2290	825	2.8	1			0.0000E+00
3	4.442		0.0000	0.0000%	6089	1632	3.7	1			0.0000E+00
4	4.975		0.0000	0.0000%	17924	3370	5.3	1			0.0000E+00
5	5.200		0.0000	0.0000%	12532	3506	3.6	1			0.0000E+00
6	5.392		0.0000	0.0000%	3420	1246	2.7	1			0.0000E+00
7	5.717		0.0000	0.0000%	153117	48283	3.2	2			0.0000E+00
8	5.833		0.0000	0.0000%	29562	10033	2.9	2			0.0000E+00
9	6.250		0.0000	0.0000%	93309	29150	3.2	1			0.0000E+00
10	6.575		0.0000	0.0000%	43012	10680	4.0	1			0.0000E+00
11	6.800		0.0000	0.0000%	4916	1645	3.0	1			0.0000E+00
12	7.150		0.0000	0.0000%	32881	9842	3.3	2			0.0000E+00
13	7.242		0.0000	0.0000%	162978	46189	3.5	2			0.0000E+00
14	7.367		0.0000	0.0000%	333337	93197	3.6	2			0.0000E+00
15	7.550		0.0000	0.0000%	41226	12016	3.4	1			0.0000E+00
16	7.800		0.0000	0.0000%	117845	26870	4.4	2			0.0000E+00
17	7.958	1254C1	0.4839	19.7777%	515048	136571	3.8	2	47	-.1262	9.3956E-07
18	8.117		0.0000	0.0000%	150040	41654	3.6	2			0.0000E+00
19	8.308		0.0000	0.0000%	10696	2627	4.1	2			0.0000E+00
20	8.442		0.0000	0.0000%	32140	7902	4.1	2			0.0000E+00
21	8.592		0.0000	0.0000%	152230	40622	3.7	2			0.0000E+00
22	8.733		0.0000	0.0000%	379605	100153	3.8	2			0.0000E+00
23	8.875		0.0000	0.0000%	99960	26762	3.7	2			0.0000E+00
24	9.017	1254C2	0.4671	19.0893%	735367	190061	3.9	2	47	-.1293	6.3516E-07
25	9.367		0.0000	0.0000%	136457	33732	4.0	2			0.0000E+00
26	9.492		0.0000	0.0000%	87147	21551	4.0	2			0.0000E+00
27	9.608		0.0000	0.0000%	45323	12597	3.6	2			0.0000E+00
28	9.750		0.0000	0.0000%	726871	137515	5.3	2			0.0000E+00
29	10.042		0.0000	0.0000%	19099	5780	3.3	1			0.0000E+00
30	10.208		0.0000	0.0000%	51132	14015	3.6	1			0.0000E+00
31	10.392	1254C3	0.5049	20.6347%	311391	82454	3.8	2	47	0	1.6214E-06
32	10.558		0.0000	0.0000%	486795	101180	4.8	2			0.0000E+00
33	10.783		0.0000	0.0000%	141236	33888	4.2	2			0.0000E+00
34	11.008		0.0000	0.0000%	48843	13087	3.7	2			0.0000E+00
35	11.083		0.0000	0.0000%	49941	13188	3.8	2			0.0000E+00
36	11.242	1254C4	0.4787	19.5645%	795185	168304	4.7	2	47	0	6.0200E-07
37	11.500		0.0000	0.0000%	59055	14687	4.0	2			0.0000E+00
38	11.733		0.0000	0.0000%	53373	13034	4.1	2			0.0000E+00

39	11.892		0.0000	0.0000%	32820	8567	3.8	2			0.0000E+00
40	12.092		0.0000	0.0000%	218730	53573	4.1	3			0.0000E+00
41	12.225		0.0000	0.0000%	8215	2339	3.5	4			0.0000E+00
42	12.425		0.0000	0.0000%	56203	15134	3.7	2			0.0000E+00
43	12.575		0.0000	0.0000%	29708	8407	3.5	2			0.0000E+00
44	12.717		0.0000	0.0000%	155797	43064	3.6	2			0.0000E+00
45	12.867		0.0000	0.0000%	28588	8429	3.4	2			0.0000E+00
46	12.950		0.0000	0.0000%	14272	4669	3.1	2			0.0000E+00
47	13.117	1254C5	0.5115	20.9041%	175193	51419	3.4	2	47	0	2.9195E-06
48	13.292		0.0000	0.0000%	5029	1477	3.4	2			0.0000E+00
49	13.508		0.0000	0.0000%	3708	299	12.4	1			0.0000E+00
50	13.825		0.0000	0.0000%	121180	34535	3.5	2			0.0000E+00
51	13.992		0.0000	0.0000%	26319	7628	3.5	2			0.0000E+00
52	14.108		0.0000	0.0000%	28050	8841	3.2	2			0.0000E+00
53	14.425		0.0000	0.0000%	7792	1982	3.9	1			0.0000E+00
54	14.792		0.0000	0.0000%	19328	4025	4.8	1			0.0000E+00
55	15.225		0.0000	0.0000%	34869	9287	3.8	1			0.0000E+00
56	16.183		0.0000	0.0000%	9603	2260	4.2	1			0.0000E+00
57	17.067	DCB	0.0007	0.0297%	19783	4306	4.6	1	17	0	3.6678E-08

TOTAL AMOUNT = 2.4468

Areas, times, and heights stored in: O:55PCD133.ATB
Data File = O:55PCD133.PTS Printed on 08-18-1998 at 18:07:17
Start time: 0.00 min. Stop time: 17.50 min. Offset: -99 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-18-1998 18:07:21 Version 5.1.5 **********

* Sample Name: AR1242 0.5 PC055D Data File: O:55PCD134 *

* Date: 08-18-1998 17:19:01 Method: O:55PCD4 08-16-1998 10:19:20 # 4206*

* Interface: 4 Cycle#: 134 Operator TMC Channel#: 0 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

* Instrument Type: 3400-A/B Column Type: XTI-5 30M 0.53 1.0um *

* Solvent Description: *

* Conditions: 210 3.5H 260 @6/M H0 295 @15/M H4.34 *

* Detector 0: A4 R1 Detector 1: *

* Misc. Information: INJ-240,DET-310,4.0UL INJ *

****

Starting Delay: 0.00 Ending retention time: 17.50

Area reject: 2000 One sample per 0.500 sec.

Amount injected: 1.00 Dilution factor: 1.00

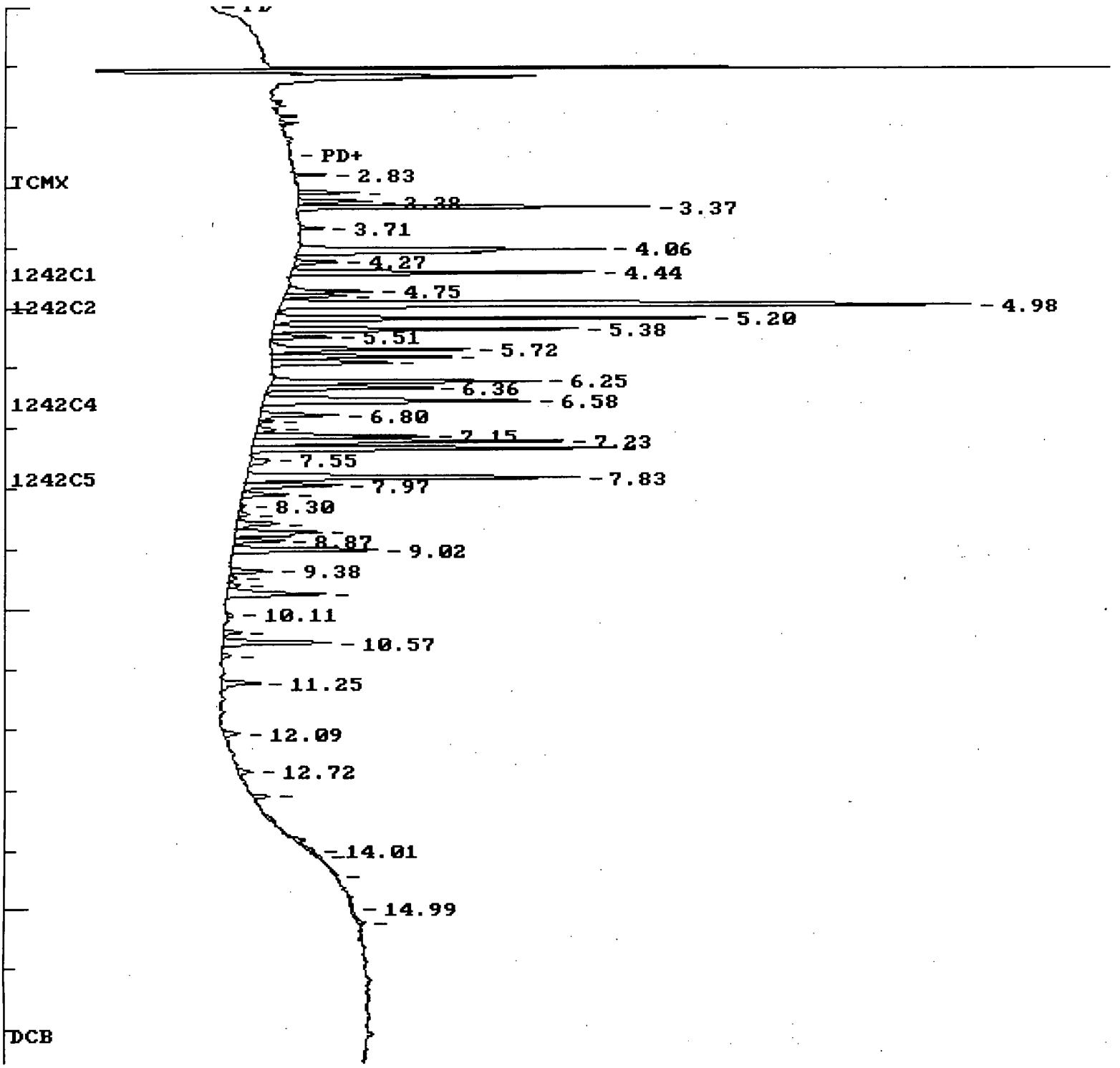
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	2.833		0.0000	0.0000%	13368	6209	2.2	1			0.0000E+00
2	3.125		0.0000	0.0000%	30561	11373	2.7	2			0.0000E+00
3	3.275		0.0000	0.0000%	35036	13942	2.5	2			0.0000E+00
4	3.367		0.0000	0.0000%	167413	65815	2.5	2			0.0000E+00
5	3.708		0.0000	0.0000%	12210	4560	2.7	1			0.0000E+00
6	4.058		0.0000	0.0000%	253251	57289	4.4	1			0.0000E+00
7	4.267		0.0000	0.0000%	27893	7834	3.6	2			0.0000E+00
8	4.442	1242C1	0.5243	20.3549%	185974	56743	3.3	2	0	-.1872	2.8190E-06
9	4.750		0.0000	0.0000%	52065	15993	3.3	2			0.0000E+00
10	4.825		0.0000	0.0000%	32603	11442	2.8	2			0.0000E+00
11	4.983	1242C2	0.4985	19.3547%	611201	128531	4.8	2	0	-.1669	8.1561E-07
12	5.200	1242C3	0.5294	20.5563%	257684	80323	3.2	2	0	-.3095	2.0546E-06
13	5.383		0.0000	0.0000%	186386	57008	3.3	2			0.0000E+00
14	5.508		0.0000	0.0000%	36003	11302	3.2	2			0.0000E+00
15	5.717		0.0000	0.0000%	133182	37059	3.6	2			0.0000E+00
16	5.833		0.0000	0.0000%	113398	33663	3.4	2			0.0000E+00
17	5.933		0.0000	0.0000%	93682	22301	4.2	2			0.0000E+00
18	6.250		0.0000	0.0000%	175707	50120	3.5	2			0.0000E+00
19	6.358		0.0000	0.0000%	112068	30417	3.7	2			0.0000E+00
20	6.575	1242C4	0.5186	20.1360%	235646	49876	4.7	1	0	-.2449	2.2008E-06
21	6.800		0.0000	0.0000%	52512	14771	3.6	2			0.0000E+00
22	6.900		0.0000	0.0000%	10295	3007	3.4	2			0.0000E+00
23	7.042		0.0000	0.0000%	15899	3724	4.3	2			0.0000E+00
24	7.150		0.0000	0.0000%	116234	32627	3.6	2			0.0000E+00
25	7.233		0.0000	0.0000%	199748	57929	3.4	2			0.0000E+00
26	7.350		0.0000	0.0000%	249715	67417	3.7	2			0.0000E+00
27	7.550		0.0000	0.0000%	19340	3624	5.3	1			0.0000E+00
28	7.833	1242C5	0.5048	19.5981%	267679	62202	4.3	2	0	-.1792	1.8857E-06
29	7.967		0.0000	0.0000%	71092	18162	3.9	2			0.0000E+00
30	8.117		0.0000	0.0000%	32282	8912	3.6	2			0.0000E+00
31	8.300		0.0000	0.0000%	3837	1068	3.6	2			0.0000E+00
32	8.442		0.0000	0.0000%	8511	2130	4.0	2			0.0000E+00
33	8.592		0.0000	0.0000%	34122	8073	4.2	2			0.0000E+00
34	8.733		0.0000	0.0000%	63406	16048	4.0	2			0.0000E+00
35	8.867		0.0000	0.0000%	34682	9344	3.7	2			0.0000E+00
36	9.025		0.0000	0.0000%	105903	27169	3.9	2			0.0000E+00
37	9.375		0.0000	0.0000%	28862	7866	3.7	2			0.0000E+00
38	9.492		0.0000	0.0000%	6411	1575	4.1	2			0.0000E+00

39	9.608	0.0000	0.0000%	8730	2426	3.6	2	0.0000E+00
40	9.758	0.0000	0.0000%	82836	18537	4.5	2	0.0000E+00
41	10.108	0.0000	0.0000%	4127	1234	3.3	1	0.0000E+00
42	10.392	0.0000	0.0000%	12440	3357	3.7	2	0.0000E+00
43	10.567	0.0000	0.0000%	81198	20218	4.0	2	0.0000E+00
44	10.783	0.0000	0.0000%	5491	1709	3.2	1	0.0000E+00
45	11.250	0.0000	0.0000%	32069	7148	4.5	1	0.0000E+00
46	12.092	0.0000	0.0000%	12891	3012	4.3	1	0.0000E+00
47	12.717	0.0000	0.0000%	9819	2640	3.7	1	0.0000E+00
48	13.117	0.0000	0.0000%	10291	3278	3.1	1	0.0000E+00
50	14.008	0.0000	0.0000%	3967	955	4.2	2	0.0000E+00
51	14.117	0.0000	0.0000%	3350	777	4.3	2	0.0000E+00
52	14.433	0.0000	0.0000%	5241	571	9.2	1	0.0000E+00
53	14.992	0.0000	0.0000%	5515	394	14.0	1	0.0000E+00
54	15.225	0.0000	0.0000%	6495	1356	4.8	1	0.0000E+00

TOTAL AMOUNT = 2.5756

Areas, times, and heights stored in: O:55PCD134.ATB
Data File = O:55PCD134.PTS Printed on 08-18-1998 at 18:07:23
Start time: 0.00 min. Stop time: 17.50 min. Offset: -99 mv.
Full Range: 200 millivolts



SEQUENCE RECORDED IN O:54PCD.SEQ

********* EXTERNAL STANDARD TABLE *********

********** 08-19-1998 17:23:58 Version 5.1.5 **********

* Sample Name: AR2148 0.5, PC047D Data File: O:55PCD156 *

* Date: 08-19-1998 02:17:11 Method: O:55PCD1 08-16-1998 10:12:24 # 4582*

* Interface: 4 Cycle#: 156 Operator TMC Channel#: 0 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

Starting Delay: 0.00 Ending retention time: 17.50

Area reject: 2000 One sample per 0.500 sec.

Amount injected: 1.00 Dilution factor: 1.00

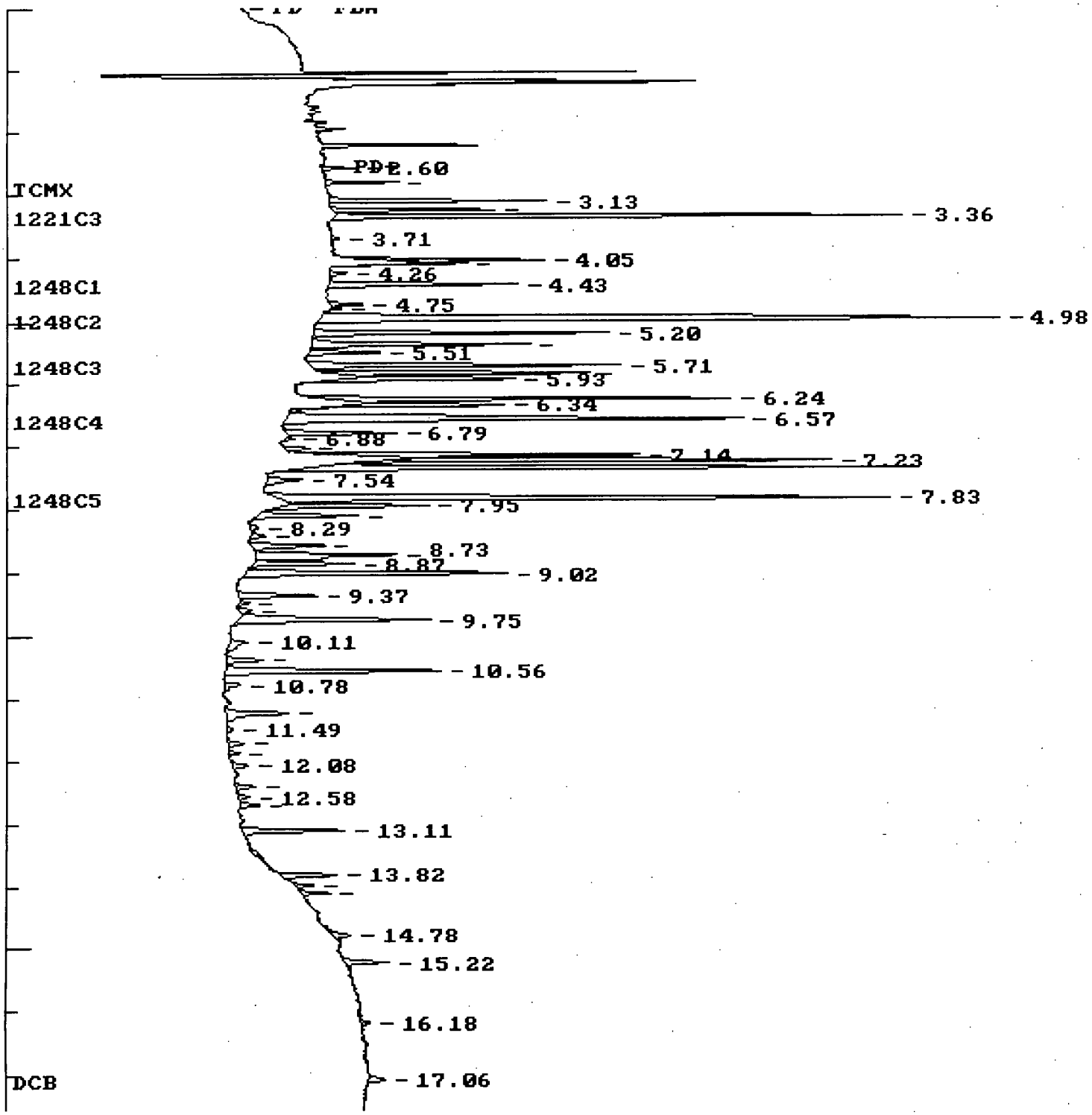
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	2.600		0.0000	0.0000%	13190	6244	2.1	1			0.0000E+00
2	2.833		0.0000	0.0000%	27940	12941	2.2	1			0.0000E+00
3	3.125	1221C1	0.4870	12.5407%	103691	38890	2.7	1	0	-.3984	4.6970E-06
4	3.267	1221C2	0.4925	12.6803%	65263	28641	2.3	1	0	-.5076	7.5458E-06
5	3.358	1221C3	0.4853	12.4953%	274192	101216	2.7	1	0	-.6165	1.7698E-06
6	3.708		0.0000	0.0000%	3926	1627	2.4	1			0.0000E+00
7	4.050		0.0000	0.0000%	58368	24679	2.4	1			0.0000E+00
8	4.108		0.0000	0.0000%	17631	10903	1.6	1			0.0000E+00
9	4.258		0.0000	0.0000%	10294	3073	3.3	1			0.0000E+00
10	4.433	1248C1	0.4980	12.8233%	109893	34011	3.2	1	0	-.4677	4.5318E-06
11	4.750		0.0000	0.0000%	14353	5696	2.5	1			0.0000E+00
12	4.817		0.0000	0.0000%	4496	2340	1.9	1			0.0000E+00
13	4.975	1248C2	0.4731	12.1825%	568205	121537	4.7	1	0	-.4170	8.3267E-07
14	5.200		0.0000	0.0000%	165967	52954	3.1	1			0.0000E+00
15	5.375		0.0000	0.0000%	125510	39234	3.2	1			0.0000E+00
16	5.508		0.0000	0.0000%	38957	12932	3.0	1			0.0000E+00
17	5.708	1248C3	0.4916	12.6592%	180038	55572	3.2	1	0	-.3998	2.7307E-06
18	5.833		0.0000	0.0000%	123791	43368	2.9	1			0.0000E+00
19	5.925		0.0000	0.0000%	109277	30965	3.5	1			0.0000E+00
20	6.242		0.0000	0.0000%	211411	70176	3.0	1			0.0000E+00
21	6.342		0.0000	0.0000%	82830	28547	2.9	1			0.0000E+00
22	6.567	1248C4	0.4829	12.4345%	383723	82048	4.7	1	0	-.3477	1.2585E-06
23	6.792		0.0000	0.0000%	63156	19626	3.2	1			0.0000E+00
24	6.883		0.0000	0.0000%	3524	1482	2.4	1			0.0000E+00
25	7.042		0.0000	0.0000%	11447	4087	2.8	1			0.0000E+00
26	7.142		0.0000	0.0000%	135213	47757	2.8	1			0.0000E+00
27	7.233		0.0000	0.0000%	221387	78948	2.8	1			0.0000E+00
28	7.342		0.0000	0.0000%	348542	103088	3.4	1			0.0000E+00
29	7.542		0.0000	0.0000%	26047	6381	4.1	1			0.0000E+00
30	7.825	1248C5	0.4728	12.1730%	438814	108384	4.0	1	0	-.2920	1.0773E-06
31	7.950		0.0000	0.0000%	86567	25866	3.3	1			0.0000E+00
32	8.108		0.0000	0.0000%	61749	18082	3.4	1			0.0000E+00
33	8.292		0.0000	0.0000%	5533	1337	4.1	1			0.0000E+00
34	8.433		0.0000	0.0000%	9275	2689	3.4	1			0.0000E+00
35	8.583		0.0000	0.0000%	47910	12904	3.7	1			0.0000E+00
36	8.725		0.0000	0.0000%	91368	25148	3.6	1			0.0000E+00
37	8.867		0.0000	0.0000%	60037	18030	3.3	1			0.0000E+00
38	9.017		0.0000	0.0000%	177434	47093	3.8	1			0.0000E+00
39	9.367		0.0000	0.0000%	51338	13900	3.7	1			0.0000E+00
40	9.483		0.0000	0.0000%	5229	1745	3.0	1			0.0000E+00
41	9.608		0.0000	0.0000%	6452	1932	3.3	1			0.0000E+00
42	9.750		0.0000	0.0000%	142223	34520	4.1	1			0.0000E+00
43	10.108		0.0000	0.0000%	19994	3425	5.8	1			0.0000E+00
44	10.383		0.0000	0.0000%	23341	6402	3.6	1			0.0000E+00

45	10.558	0.0000	0.0000%	153136	38319	4.0	1			0.0000E+00
46	10.783	0.0000	0.0000%	14636	3020	4.8	1			0.0000E+00
47	11.233	0.0000	0.0000%	52190	11271	4.6	1			0.0000E+00
48	11.492	0.0000	0.0000%	4244	1055	4.0	1			0.0000E+00
49	11.717	0.0000	0.0000%	12632	3081	4.1	1			0.0000E+00
50	11.883	0.0000	0.0000%	6999	1989	3.5	1			0.0000E+00
51	12.083	0.0000	0.0000%	11155	2875	3.9	1			0.0000E+00
52	12.417	0.0000	0.0000%	12822	3626	3.5	1			0.0000E+00
53	12.575	0.0000	0.0000%	6815	1949	3.5	1			0.0000E+00
54	12.708	0.0000	0.0000%	13545	3561	3.8	1			0.0000E+00
55	13.108	0.0000	0.0000%	61959	18298	3.4	1			0.0000E+00
56	13.817	0.0000	0.0000%	29371	9716	3.0	1			0.0000E+00
57	13.983	0.0000	0.0000%	10032	3403	2.9	1			0.0000E+00
58	14.108	0.0000	0.0000%	15792	5223	3.0	1			0.0000E+00
59	14.783	0.0000	0.0000%	14649	3125	4.7	1			0.0000E+00
60	15.217	0.0000	0.0000%	29364	7851	3.7	1			0.0000E+00
61	16.183	0.0000	0.0000%	6705	1676	4.0	1			0.0000E+00
62	17.058 DCB	0.0004	0.0112%	11871	2913	4.1	1	0	-.1268	3.6678E-08

TOTAL AMOUNT = 3.8836

Areas, times, and heights stored in: O:55PCD156.ATB
Data File = O:55PCD156.PTS Printed on 08-19-1998 at 17:24:01
Start time: 0.00 min. Stop time: 17.50 min. Offset: -99 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-19-1998 17:24:04 Version 5.1.5 **********

* Sample Name: AR1660 0.5, PC040D Data File: O:55PCD157 *

* Date: 08-19-1998 02:37:42 Method: O:55PCD2 08-16-1998 09:14:01 # 4484*

* Interface: 4 Cycle#: 157 Operator TMC Channel#: 0 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

Starting Delay: 0.00 Ending retention time: 17.50

Area reject: 10000 One sample per 0.500 sec.

Amount injected: 1.00 Dilution factor: 1.00

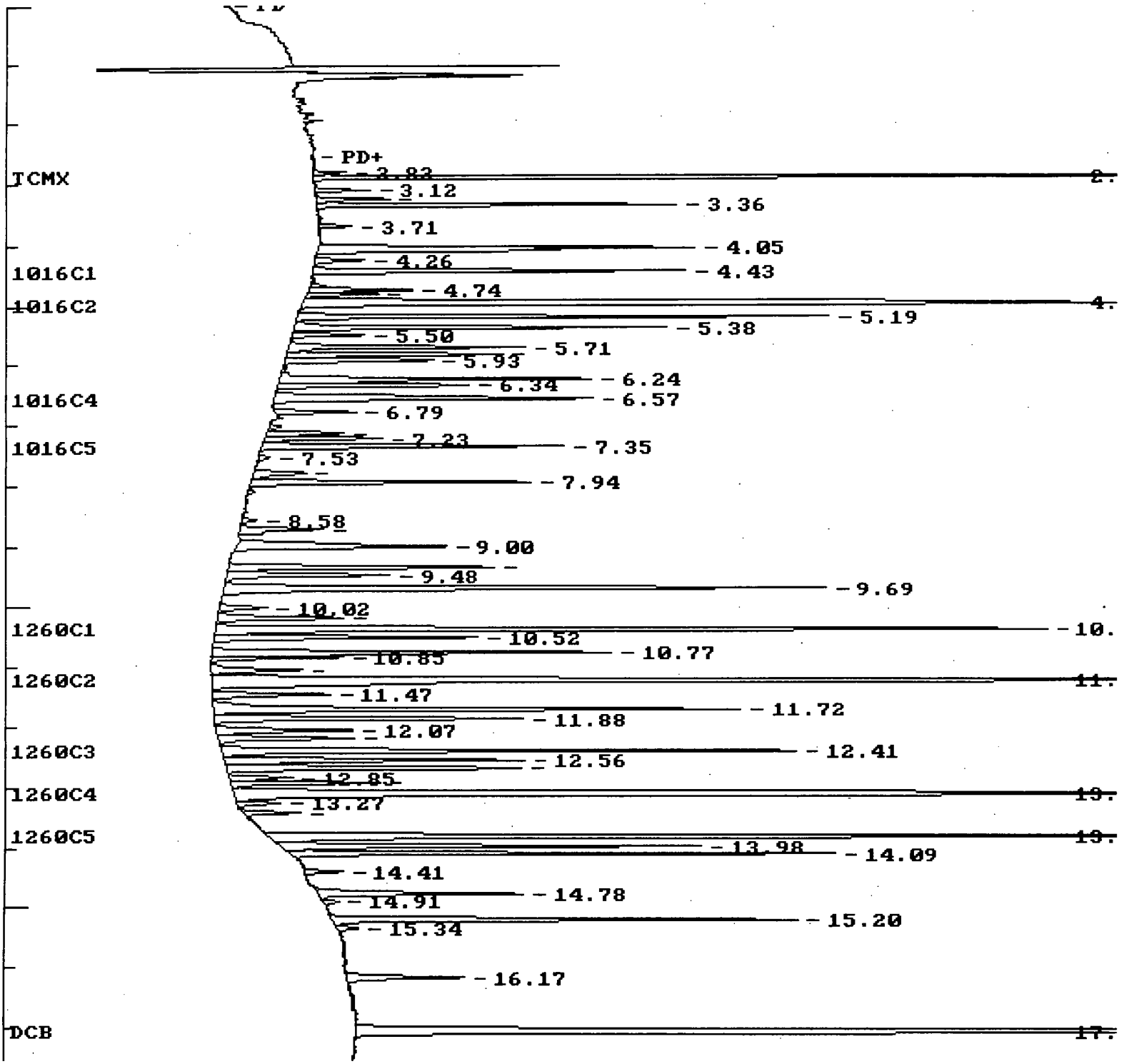
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
2	2.833		0.0000	0.0000%	14501	6219	2.3	2			0.0000E+00
3	2.900	TCMX	0.0178	0.3821%	463356	212742	2.2	2	53	-.3335	3.8375E-08
4	3.117		0.0000	0.0000%	27058	10241	2.6	1			0.0000E+00
5	3.267		0.0000	0.0000%	32845	13512	2.4	2			0.0000E+00
6	3.358		0.0000	0.0000%	172767	67288	2.6	2			0.0000E+00
8	3.708		0.0000	0.0000%	16523	6109	2.7	2			0.0000E+00
9	4.050		0.0000	0.0000%	312274	70620	4.4	1			0.0000E+00
10	4.258		0.0000	0.0000%	33810	9460	3.6	2			0.0000E+00
11	4.433	1016C1	0.4813	10.3430%	224668	69992	3.2	2	53	-.1361	2.1424E-06
13	4.742		0.0000	0.0000%	59744	19558	3.1	2			0.0000E+00
14	4.817		0.0000	0.0000%	38259	13467	2.8	2			0.0000E+00
15	4.975	1016C2	0.4479	9.6255%	755853	159079	4.8	2	53	0	5.9264E-07
16	5.192	1016C3	0.4730	10.1634%	306711	99245	3.1	2	53	-.2112	1.5421E-06
17	5.375		0.0000	0.0000%	222627	69887	3.2	2			0.0000E+00
18	5.500		0.0000	0.0000%	41788	13574	3.1	2			0.0000E+00
19	5.708		0.0000	0.0000%	150488	44242	3.4	2			0.0000E+00
20	5.825		0.0000	0.0000%	132606	40391	3.3	2			0.0000E+00
21	5.925		0.0000	0.0000%	116953	27622	4.2	2			0.0000E+00
22	6.242		0.0000	0.0000%	208074	58419	3.6	2			0.0000E+00
23	6.342		0.0000	0.0000%	135547	35745	3.8	2			0.0000E+00
24	6.567	1016C4	0.4774	10.2591%	280053	59541	4.7	2	53	-.1172	1.7048E-06
25	6.792		0.0000	0.0000%	49985	15049	3.3	1			0.0000E+00
27	7.142		0.0000	0.0000%	49511	14532	3.4	2			0.0000E+00
28	7.225		0.0000	0.0000%	78500	21972	3.6	2			0.0000E+00
29	7.350	1016C5	0.4716	10.1334%	210261	56753	3.7	2	53	-.1076	2.2428E-06
30	7.533		0.0000	0.0000%	10785	2311	4.7	1			0.0000E+00
31	7.792		0.0000	0.0000%	47516	9912	4.8	2			0.0000E+00
32	7.942		0.0000	0.0000%	194322	52631	3.7	2			0.0000E+00
34	8.575		0.0000	0.0000%	10538	3019	3.5	1			0.0000E+00
35	8.717		0.0000	0.0000%	56939	15802	3.6	1			0.0000E+00
36	9.000		0.0000	0.0000%	200841	39434	5.1	1			0.0000E+00
37	9.342		0.0000	0.0000%	188453	49636	3.8	2			0.0000E+00
38	9.475		0.0000	0.0000%	125132	30489	4.1	2			0.0000E+00
39	9.692		0.0000	0.0000%	486462	112395	4.3	2			0.0000E+00
40	10.025		0.0000	0.0000%	36232	8883	4.1	2			0.0000E+00
41	10.200		0.0000	0.0000%	96642	23629	4.1	2			0.0000E+00
42	10.375	1260C1	0.4541	9.7575%	592325	155449	3.8	2	53	0	7.6662E-07
43	10.517		0.0000	0.0000%	198476	49396	4.0	2			0.0000E+00
44	10.767		0.0000	0.0000%	300269	74695	4.0	2			0.0000E+00
45	10.850		0.0000	0.0000%	78711	24581	3.2	2			0.0000E+00
46	11.067		0.0000	0.0000%	70252	17017	4.1	2			0.0000E+00
47	11.225	1260C2	0.4307	9.2553%	933208	202595	4.6	2	53	0	4.6154E-07
48	11.467		0.0000	0.0000%	88054	21990	4.0	2			0.0000E+00
49	11.717		0.0000	0.0000%	407354	98493	4.1	2			0.0000E+00

50	11.875		0.0000	0.0000%	229749	57825	4.0	2			0.0000E+00
51	12.067		0.0000	0.0000%	107120	25419	4.2	2			0.0000E+00
52	12.200		0.0000	0.0000%	95000	25292	3.8	2			0.0000E+00
53	12.408	1260C3	0.4780	10.2706%	389997	106952	3.6	2	53	0	1.2256E-06
54	12.558		0.0000	0.0000%	208760	55947	3.7	2			0.0000E+00
55	12.692		0.0000	0.0000%	221560	54877	4.0	2			0.0000E+00
56	12.850		0.0000	0.0000%	38379	11629	3.3	2			0.0000E+00
57	12.933		0.0000	0.0000%	93297	27600	3.4	2			0.0000E+00
58	13.100	1260C4	0.4417	9.4909%	1350930	418354	3.2	2	53	0	3.2694E-07
59	13.267		0.0000	0.0000%	26284	8134	3.2	2			0.0000E+00
60	13.425		0.0000	0.0000%	34191	10623	3.2	1			0.0000E+00
61	13.808	1260C5	0.4409	9.4742%	612681	172076	3.6	2	53	0	7.1963E-07
62	13.975		0.0000	0.0000%	252108	78387	3.2	2			0.0000E+00
63	14.092		0.0000	0.0000%	314832	101432	3.1	2			0.0000E+00
64	14.408		0.0000	0.0000%	22680	7253	3.1	1			0.0000E+00
65	14.775		0.0000	0.0000%	143348	38505	3.7	2			0.0000E+00
66	14.908		0.0000	0.0000%	12099	3052	4.0	2			0.0000E+00
67	15.200		0.0000	0.0000%	303939	86704	3.5	2			0.0000E+00
68	15.342		0.0000	0.0000%	14466	3930	3.7	2			0.0000E+00
69	16.167		0.0000	0.0000%	88689	21926	4.0	1			0.0000E+00
70	17.042	DCB	0.0393	0.8449%	1072001	256070	4.2	1	70	0	3.6678E-08

TOTAL AMOUNT = 4.6537

Areas, times, and heights stored in: O:55PCD157.ATB
Data File = O:55PCD157.PTS Printed on 08-19-1998 at 17:24:07
Start time: 0.00 min. Stop time: 17.50 min. Offset: -99 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-19-1998 17:24:11 Version 5.1.5 **********

* Sample Name: AR1254 0.5, PC051D Data File: O:55PCD158 *

* Date: 08-19-1998 02:58:20 Method: O:55PCD3 08-16-1998 10:15:58 # 3197*

* Interface: 4 Cycle#: 158 Operator TMC Channel#: 0 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

Starting Delay: 0.00 Ending retention time: 17.50

Area reject: 2000 One sample per 0.500 sec.

Amount injected: 1.00 Dilution factor: 1.00

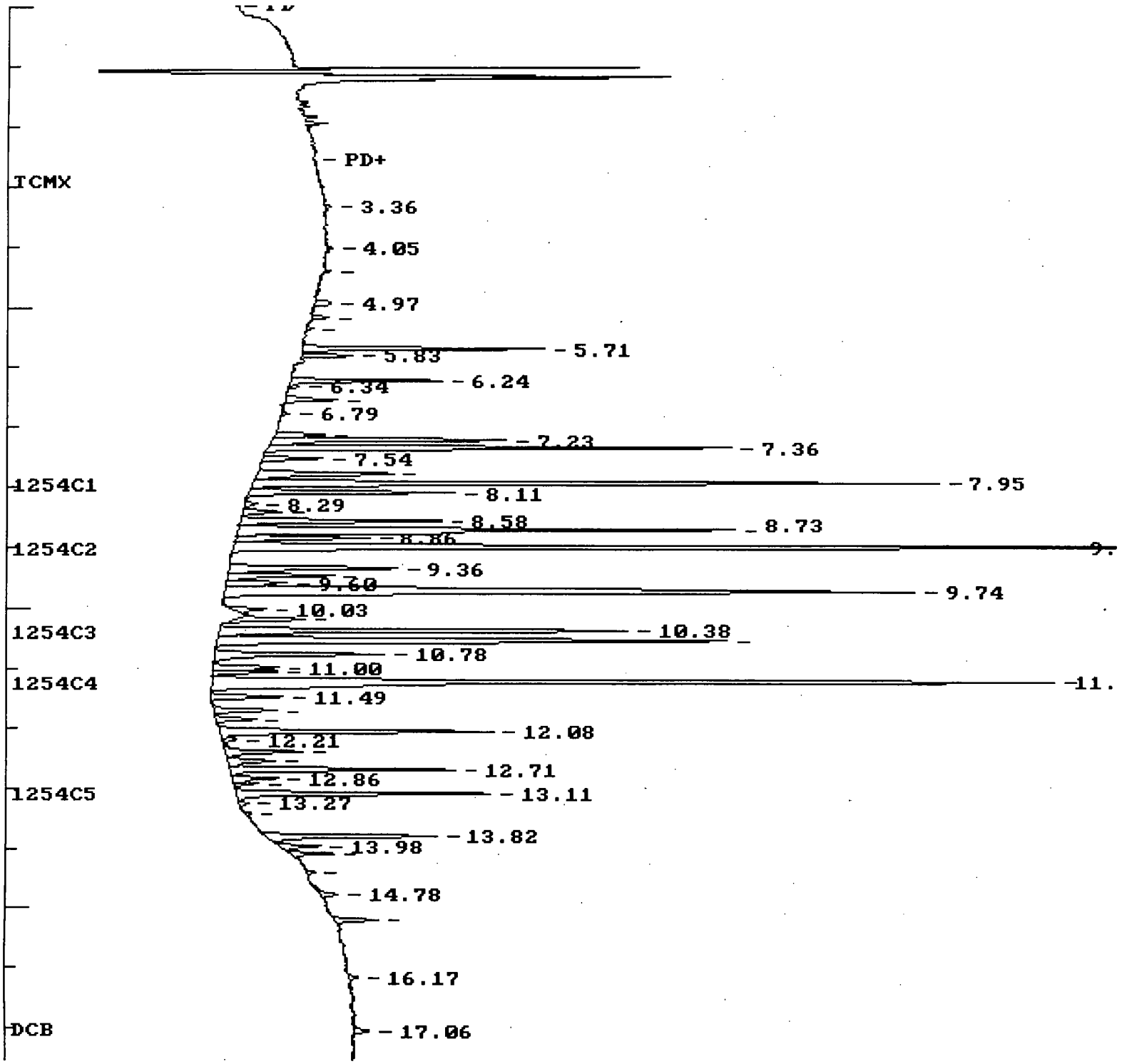
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	3.358		0.0000	0.0000%	3376	1187	2.8	1			0.0000E+00
2	4.050		0.0000	0.0000%	4762	1228	3.9	1			0.0000E+00
3	4.433		0.0000	0.0000%	3749	1301	2.9	1			0.0000E+00
4	4.967		0.0000	0.0000%	15813	3232	4.9	1			0.0000E+00
5	5.192		0.0000	0.0000%	10095	3419	3.0	1			0.0000E+00
6	5.375		0.0000	0.0000%	3676	1350	2.7	1			0.0000E+00
7	5.708		0.0000	0.0000%	143520	45290	3.2	2			0.0000E+00
8	5.825		0.0000	0.0000%	27684	9545	2.9	2			0.0000E+00
9	6.242		0.0000	0.0000%	93049	28376	3.3	3			0.0000E+00
10	6.342		0.0000	0.0000%	5759	2065	2.8	4			0.0000E+00
11	6.567		0.0000	0.0000%	36470	9916	3.7	2			0.0000E+00
12	6.792		0.0000	0.0000%	5464	1676	3.3	2			0.0000E+00
13	7.142		0.0000	0.0000%	32529	9598	3.4	2			0.0000E+00
14	7.225		0.0000	0.0000%	155283	44090	3.5	2			0.0000E+00
15	7.358		0.0000	0.0000%	315472	86984	3.6	2			0.0000E+00
16	7.542		0.0000	0.0000%	39992	11386	3.5	1			0.0000E+00
17	7.792		0.0000	0.0000%	110629	25455	4.3	2			0.0000E+00
18	7.950	1254C1	0.4551	19.8368%	484351	128166	3.8	2	48	-.1673	9.3956E-07
19	8.108		0.0000	0.0000%	140311	38784	3.6	2			0.0000E+00
20	8.292		0.0000	0.0000%	10109	2394	4.2	2			0.0000E+00
21	8.433		0.0000	0.0000%	30176	7479	4.0	2			0.0000E+00
22	8.575		0.0000	0.0000%	142698	37688	3.8	2			0.0000E+00
23	8.725		0.0000	0.0000%	355830	93131	3.8	2			0.0000E+00
24	8.858		0.0000	0.0000%	94454	25146	3.8	2			0.0000E+00
25	9.008	1254C2	0.4375	19.0712%	688826	177701	3.9	2	48	-.1582	6.3516E-07
26	9.358		0.0000	0.0000%	128294	31575	4.1	2			0.0000E+00
27	9.483		0.0000	0.0000%	79631	19956	4.0	2			0.0000E+00
28	9.600		0.0000	0.0000%	43386	11474	3.8	2			0.0000E+00
29	9.742		0.0000	0.0000%	680889	128961	5.3	2			0.0000E+00
30	10.033		0.0000	0.0000%	19195	5495	3.5	1			0.0000E+00
31	10.200		0.0000	0.0000%	48720	13168	3.7	1			0.0000E+00
32	10.383	1254C3	0.4761	20.7552%	293665	76670	3.8	2	48	-.1031	1.6214E-06
33	10.550		0.0000	0.0000%	459396	95528	4.8	2			0.0000E+00
34	10.775		0.0000	0.0000%	132612	31760	4.2	1			0.0000E+00
35	11.000		0.0000	0.0000%	47358	12371	3.8	2			0.0000E+00
36	11.067		0.0000	0.0000%	45113	12296	3.7	2			0.0000E+00
37	11.233	1254C4	0.4428	19.3019%	735555	157804	4.7	2	48	-.1057	6.0200E-07
38	11.492		0.0000	0.0000%	53012	13483	3.9	1			0.0000E+00
39	11.725		0.0000	0.0000%	47200	11846	4.0	1			0.0000E+00
40	11.883		0.0000	0.0000%	30582	7686	4.0	1			0.0000E+00
41	12.083		0.0000	0.0000%	206880	51208	4.0	3			0.0000E+00
42	12.208		0.0000	0.0000%	10566	2409	4.4	4			0.0000E+00
43	12.417		0.0000	0.0000%	59572	14569	4.1	2			0.0000E+00
44	12.567		0.0000	0.0000%	35821	8881	4.0	2			0.0000E+00

45	12.708		0.0000	0.0000%	156807	42008	3.7	2			0.0000E+00
46	12.858		0.0000	0.0000%	30611	8442	3.6	2			0.0000E+00
47	12.942		0.0000	0.0000%	14786	4543	3.3	2			0.0000E+00
48	13.108	1254C5	0.4822	21.0174%	165151	47330	3.5	2	48	0	2.9195E-06
49	13.267		0.0000	0.0000%	5123	1632	3.1	2			0.0000E+00
50	13.442		0.0000	0.0000%	2346	712	3.3	1			0.0000E+00
51	13.817		0.0000	0.0000%	112663	31553	3.6	2			0.0000E+00
52	13.983		0.0000	0.0000%	25721	7145	3.6	2			0.0000E+00
53	14.108		0.0000	0.0000%	25284	7675	3.3	2			0.0000E+00
54	14.417		0.0000	0.0000%	5021	1591	3.2	1			0.0000E+00
55	14.783		0.0000	0.0000%	15407	3370	4.6	1			0.0000E+00
56	15.208		0.0000	0.0000%	28905	8174	3.5	1			0.0000E+00
57	16.175		0.0000	0.0000%	7568	1703	4.4	1			0.0000E+00
58	17.058	DCB	0.0004	0.0175%	10943	2916	3.8	1	18	.1479	3.6678E-08

TOTAL AMOUNT = 2.2941

Areas, times, and heights stored in: O:55PCD158.ATB
Data File = O:55PCD158.PTS Printed on 08-19-1998 at 17:24:13
Start time: 0.00 min. Stop time: 17.50 min. Offset: -99 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-19-1998 17:24:17 Version 5.1.5 **********

* Sample Name: AR1242 0.5, PC055D Data File: O:55PCD159 *

* Date: 08-19-1998 03:18:54 Method: O:55PCD4 08-16-1998 10:19:20 # 4206*

* Interface: 4 Cycle#: 159 Operator TMC Channel#: 0 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

Starting Delay: 0.00 Ending retention time: 17.50

Area reject: 2000 One sample per 0.500 sec.

Amount injected: 1.00 Dilution factor: 1.00

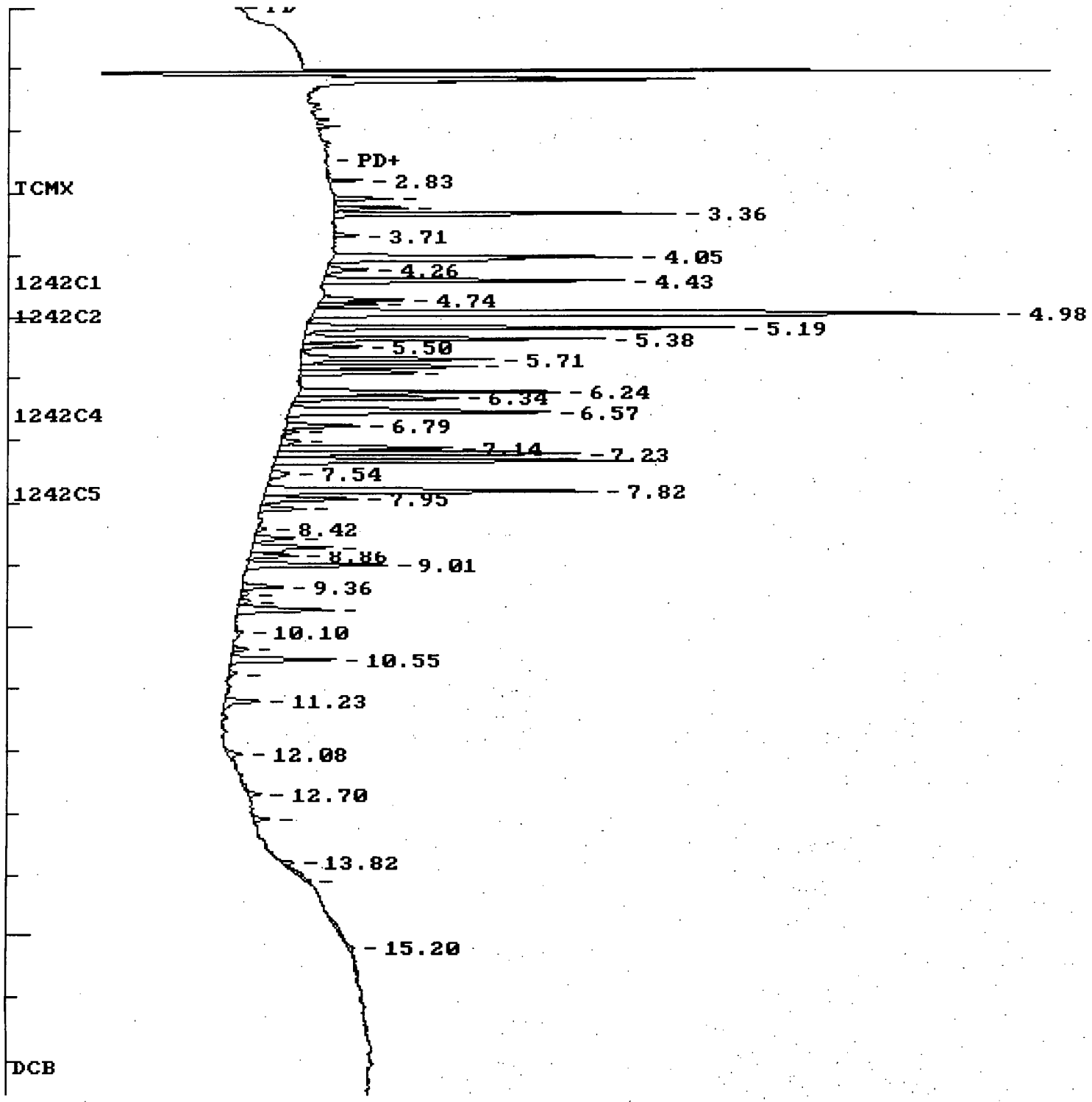
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	2.833		0.0000	0.0000%	13653	6260	2.2	1			0.0000E+00
2	3.117		0.0000	0.0000%	28963	10808	2.7	1			0.0000E+00
3	3.267		0.0000	0.0000%	32281	13575	2.4	2			0.0000E+00
4	3.358		0.0000	0.0000%	160096	62387	2.6	2			0.0000E+00
5	3.708		0.0000	0.0000%	12119	4454	2.7	1			0.0000E+00
6	4.050		0.0000	0.0000%	242661	54611	4.4	1			0.0000E+00
7	4.258		0.0000	0.0000%	29132	7590	3.8	2			0.0000E+00
8	4.433	1242C1	0.5062	20.5008%	179563	54806	3.3	2	0	-.3745	2.8190E-06
9	4.742		0.0000	0.0000%	48881	15201	3.2	2			0.0000E+00
10	4.817		0.0000	0.0000%	30905	10953	2.8	2			0.0000E+00
11	4.975	1242C2	0.4763	19.2916%	584023	124385	4.7	2	0	-.3338	8.1561E-07
12	5.192	1242C3	0.5077	20.5607%	247084	77961	3.2	2	0	-.4693	2.0546E-06
13	5.375		0.0000	0.0000%	177811	54852	3.2	2			0.0000E+00
14	5.500		0.0000	0.0000%	33200	10776	3.1	2			0.0000E+00
15	5.708		0.0000	0.0000%	124905	35180	3.6	2			0.0000E+00
16	5.825		0.0000	0.0000%	106586	31975	3.3	2			0.0000E+00
17	5.925		0.0000	0.0000%	87667	21061	4.2	2			0.0000E+00
18	6.242		0.0000	0.0000%	163376	47395	3.4	2			0.0000E+00
19	6.342		0.0000	0.0000%	110432	29449	3.7	2			0.0000E+00
20	6.567	1242C4	0.4930	19.9663%	224000	47551	4.7	1	0	-.3714	2.2008E-06
21	6.792		0.0000	0.0000%	47287	13535	3.5	2			0.0000E+00
22	6.875		0.0000	0.0000%	9564	2852	3.4	2			0.0000E+00
23	7.033		0.0000	0.0000%	14203	3662	3.9	2			0.0000E+00
24	7.142		0.0000	0.0000%	107797	31627	3.4	2			0.0000E+00
25	7.225		0.0000	0.0000%	195934	55283	3.5	2			0.0000E+00
26	7.342		0.0000	0.0000%	236791	65391	3.6	2			0.0000E+00
27	7.542		0.0000	0.0000%	20574	3505	5.9	2			0.0000E+00
28	7.817	1242C5	0.4859	19.6806%	257693	60221	4.3	2	0	-.3915	1.8857E-06
29	7.950		0.0000	0.0000%	68704	17185	4.0	2			0.0000E+00
30	8.100		0.0000	0.0000%	30055	8265	3.6	2			0.0000E+00
31	8.417		0.0000	0.0000%	5631	1599	3.5	1			0.0000E+00
32	8.575		0.0000	0.0000%	29597	7463	4.0	2			0.0000E+00
33	8.725		0.0000	0.0000%	59947	14778	4.1	2			0.0000E+00
34	8.858		0.0000	0.0000%	32190	8785	3.7	2			0.0000E+00
35	9.008		0.0000	0.0000%	98721	25499	3.9	2			0.0000E+00
36	9.358		0.0000	0.0000%	28995	7420	3.9	2			0.0000E+00
37	9.475		0.0000	0.0000%	6547	1609	4.1	2			0.0000E+00
38	9.600		0.0000	0.0000%	9111	2234	4.1	2			0.0000E+00
39	9.742		0.0000	0.0000%	78634	17511	4.5	2			0.0000E+00
40	10.100		0.0000	0.0000%	3790	1118	3.4	1			0.0000E+00
41	10.375		0.0000	0.0000%	11347	2902	3.9	2			0.0000E+00
42	10.550		0.0000	0.0000%	77230	18914	4.1	2			0.0000E+00
43	10.783		0.0000	0.0000%	6727	1479	4.5	1			0.0000E+00
44	11.225		0.0000	0.0000%	31355	6571	4.8	1			0.0000E+00

45	12.075	0.0000	0.0000%	10499	2436	4.3	1	0.0000E+00
46	12.700	0.0000	0.0000%	12667	2414	5.2	1	0.0000E+00
47	13.100	0.0000	0.0000%	10186	2976	3.4	1	0.0000E+00
48	13.817	0.0000	0.0000%	6246	1754	3.6	2	0.0000E+00
49	14.117	0.0000	0.0000%	9447	600	15.7	2	0.0000E+00
50	15.200	0.0000	0.0000%	16324	1099	14.9	1	0.0000E+00

TOTAL AMOUNT = 2.4691

Areas, times, and heights stored in: O:55PCD159.ATB
Data File = O:55PCD159.PTS Printed on 08-19-1998 at 17:24:19
Start time: 0.00 min. Stop time: 17.50 min. Offset: -99 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-19-1998 18:23:47 Version 5.1.5 **********

* Sample Name: AR2148 0.5, PC047D Data File: O:55PCD160 *

* Date: 08-19-1998 17:27:12 Method: O:55PCD1 08-16-1998 10:12:24 # 4582*

* Interface: 4 Cycle#: 160 Operator TMC Channel#: 0 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

Starting Delay: 0.00 Ending retention time: 17.50

Area reject: 2000 One sample per 0.500 sec.

Amount injected: 1.00 Dilution factor: 1.00

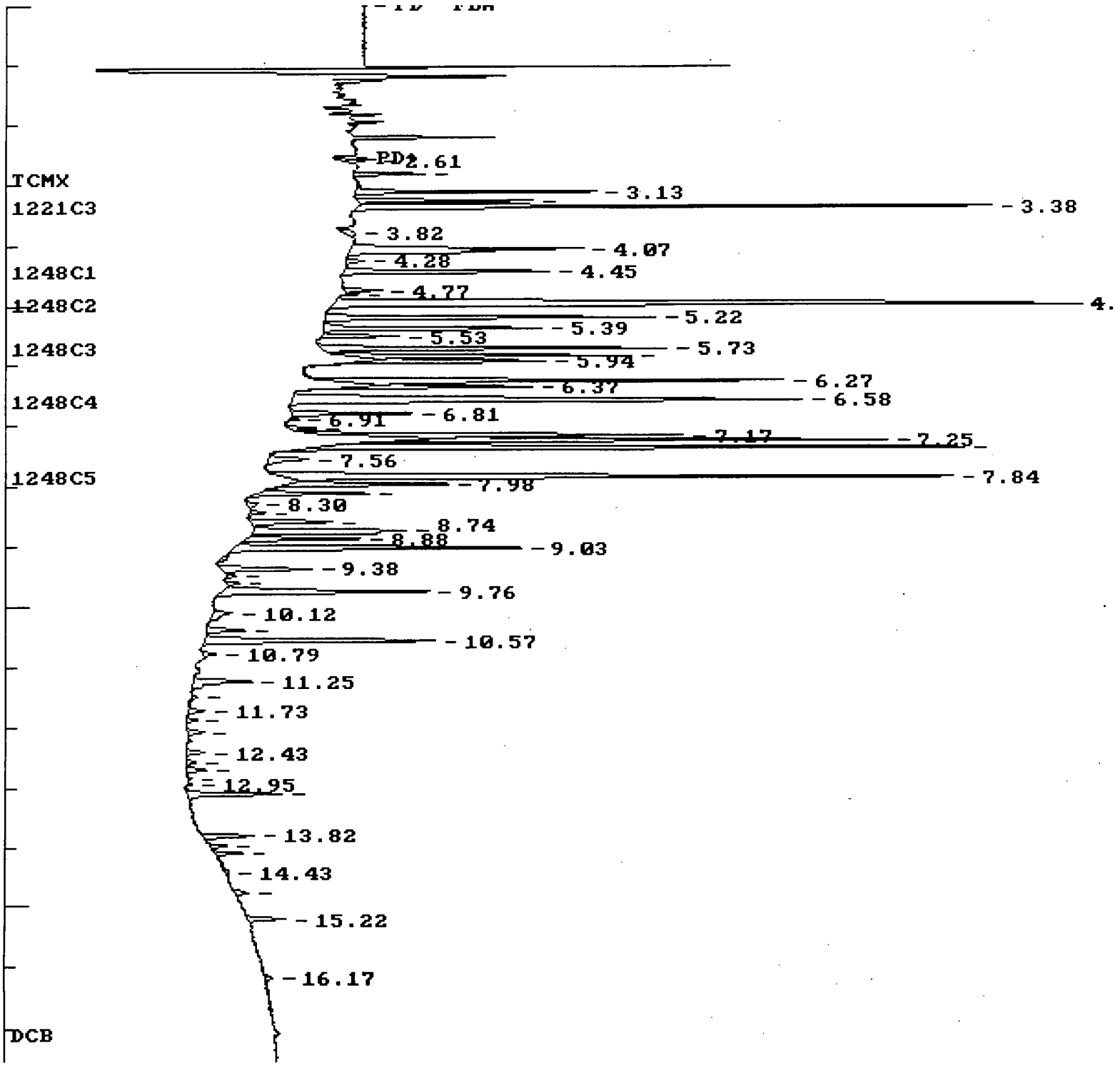
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	2.608		0.0000	0.0000%	15765	6154	2.6	1			0.0000E+00
2	2.842		0.0000	0.0000%	29193	13516	2.2	1			0.0000E+00
3	3.133	1221C1	0.5760	12.8296%	122626	45167	2.7	1	0	-.1328	4.6970E-06
4	3.283	1221C2	0.5699	12.6953%	75531	32653	2.3	1	0	0	7.5458E-06
5	3.375	1221C3	0.5568	12.4032%	314623	118211	2.7	1	0	-.1233	1.7698E-06
6	3.817		0.0000	0.0000%	9824	1758	5.6	1			0.0000E+00
7	4.075		0.0000	0.0000%	212069	43868	4.8	1			0.0000E+00
8	4.275		0.0000	0.0000%	11105	3324	3.3	1			0.0000E+00
9	4.450	1248C1	0.5687	12.6669%	125484	38847	3.2	1	0	0	4.5318E-06
10	4.767		0.0000	0.0000%	16738	6636	2.5	1			0.0000E+00
11	4.833		0.0000	0.0000%	4583	2387	1.9	1			0.0000E+00
12	4.992	1248C2	0.5488	12.2234%	659035	140486	4.7	1	0	0	8.3267E-07
13	5.217		0.0000	0.0000%	190024	61866	3.1	1			0.0000E+00
14	5.392		0.0000	0.0000%	124834	40801	3.1	1			0.0000E+00
15	5.525		0.0000	0.0000%	44778	14854	3.0	1			0.0000E+00
16	5.733	1248C3	0.5665	12.6197%	207470	64531	3.2	1	0	0	2.7307E-06
17	5.850		0.0000	0.0000%	141234	50810	2.8	1			0.0000E+00
18	5.942		0.0000	0.0000%	125351	35672	3.5	1			0.0000E+00
19	6.267		0.0000	0.0000%	244816	79990	3.1	1			0.0000E+00
20	6.367		0.0000	0.0000%	96698	33939	2.8	1			0.0000E+00
21	6.583	1248C4	0.5583	12.4351%	443597	95481	4.6	1	0	0	1.2585E-06
22	6.808		0.0000	0.0000%	73269	22579	3.2	1			0.0000E+00
23	6.908		0.0000	0.0000%	3608	1664	2.2	1			0.0000E+00
24	7.058		0.0000	0.0000%	13702	4641	3.0	1			0.0000E+00
25	7.167		0.0000	0.0000%	153801	52947	2.9	1			0.0000E+00
26	7.250		0.0000	0.0000%	252435	90159	2.8	1			0.0000E+00
27	7.367		0.0000	0.0000%	403536	120854	3.3	1			0.0000E+00
28	7.558		0.0000	0.0000%	31639	7548	4.2	1			0.0000E+00
29	7.842	1248C5	0.5444	12.1268%	505334	124269	4.1	1	0	0	1.0773E-06
30	7.975		0.0000	0.0000%	99511	30116	3.3	1			0.0000E+00
31	8.125		0.0000	0.0000%	70868	20739	3.4	1			0.0000E+00
32	8.300		0.0000	0.0000%	7088	1789	4.0	1			0.0000E+00
33	8.442		0.0000	0.0000%	10076	2921	3.4	1			0.0000E+00
34	8.600		0.0000	0.0000%	55602	15351	3.6	1			0.0000E+00
35	8.742		0.0000	0.0000%	102985	28501	3.6	1			0.0000E+00
36	8.875		0.0000	0.0000%	69423	20958	3.3	1			0.0000E+00
37	9.033		0.0000	0.0000%	209608	53606	3.9	1			0.0000E+00
38	9.375		0.0000	0.0000%	64099	16652	3.8	1			0.0000E+00
39	9.500		0.0000	0.0000%	6299	2019	3.1	1			0.0000E+00
40	9.617		0.0000	0.0000%	7152	2379	3.0	1			0.0000E+00
41	9.758		0.0000	0.0000%	159755	38551	4.1	1			0.0000E+00
42	10.117		0.0000	0.0000%	21256	3810	5.6	1			0.0000E+00
43	10.400		0.0000	0.0000%	25637	7124	3.6	1			0.0000E+00
44	10.567		0.0000	0.0000%	173070	42980	4.0	1			0.0000E+00

45	10.792	0.0000	0.0000%	8662	2667	3.2	1	0.0000E+00
46	11.250	0.0000	0.0000%	51619	11025	4.7	1	0.0000E+00
47	11.500	0.0000	0.0000%	4429	1222	3.6	1	0.0000E+00
48	11.733	0.0000	0.0000%	11549	3146	3.7	1	0.0000E+00
49	11.892	0.0000	0.0000%	7565	1974	3.8	1	0.0000E+00
50	12.092	0.0000	0.0000%	12428	3161	3.9	1	0.0000E+00
51	12.425	0.0000	0.0000%	12900	3641	3.5	1	0.0000E+00
52	12.575	0.0000	0.0000%	6322	1873	3.4	1	0.0000E+00
53	12.708	0.0000	0.0000%	13798	3808	3.6	1	0.0000E+00
54	12.858	0.0000	0.0000%	2355	787	3.0	1	0.0000E+00
55	12.950	0.0000	0.0000%	3295	1217	2.7	1	0.0000E+00
56	13.117	0.0000	0.0000%	63465	17849	3.6	1	0.0000E+00
57	13.817	0.0000	0.0000%	32873	9575	3.4	1	0.0000E+00
58	13.983	0.0000	0.0000%	10282	3281	3.1	1	0.0000E+00
59	14.108	0.0000	0.0000%	16401	5209	3.1	1	0.0000E+00
60	14.425	0.0000	0.0000%	3181	693	4.6	1	0.0000E+00
61	14.783	0.0000	0.0000%	10491	2688	3.9	1	0.0000E+00
62	15.217	0.0000	0.0000%	24854	7017	3.5	1	0.0000E+00
63	16.175	0.0000	0.0000%	6128	1498	4.1	1	0.0000E+00

TOTAL AMOUNT = 4.4894

Areas, times, and heights stored in: O:55PCD160.ATB
Data File = O:55PCD160.PTS Printed on 08-19-1998 at 18:23:50
Start time: 0.00 min. Stop time: 17.50 min. Offset: -99 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-19-1998 18:24:02 Version 5.1.5 **********

* Sample Name: AR1660 0.5, PC040D Data File: O:55PCD161 *

* Date: 08-19-1998 17:47:46 Method: O:55PCD2 08-16-1998 09:14:01 # 4484*

* Interface: 4 Cycle#: 161 Operator TMC Channel#: 0 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

Starting Delay: 0.00 Ending retention time: 17.50

Area reject: 10000 One sample per 0.500 sec.

Amount injected: 1.00 Dilution factor: 1.00

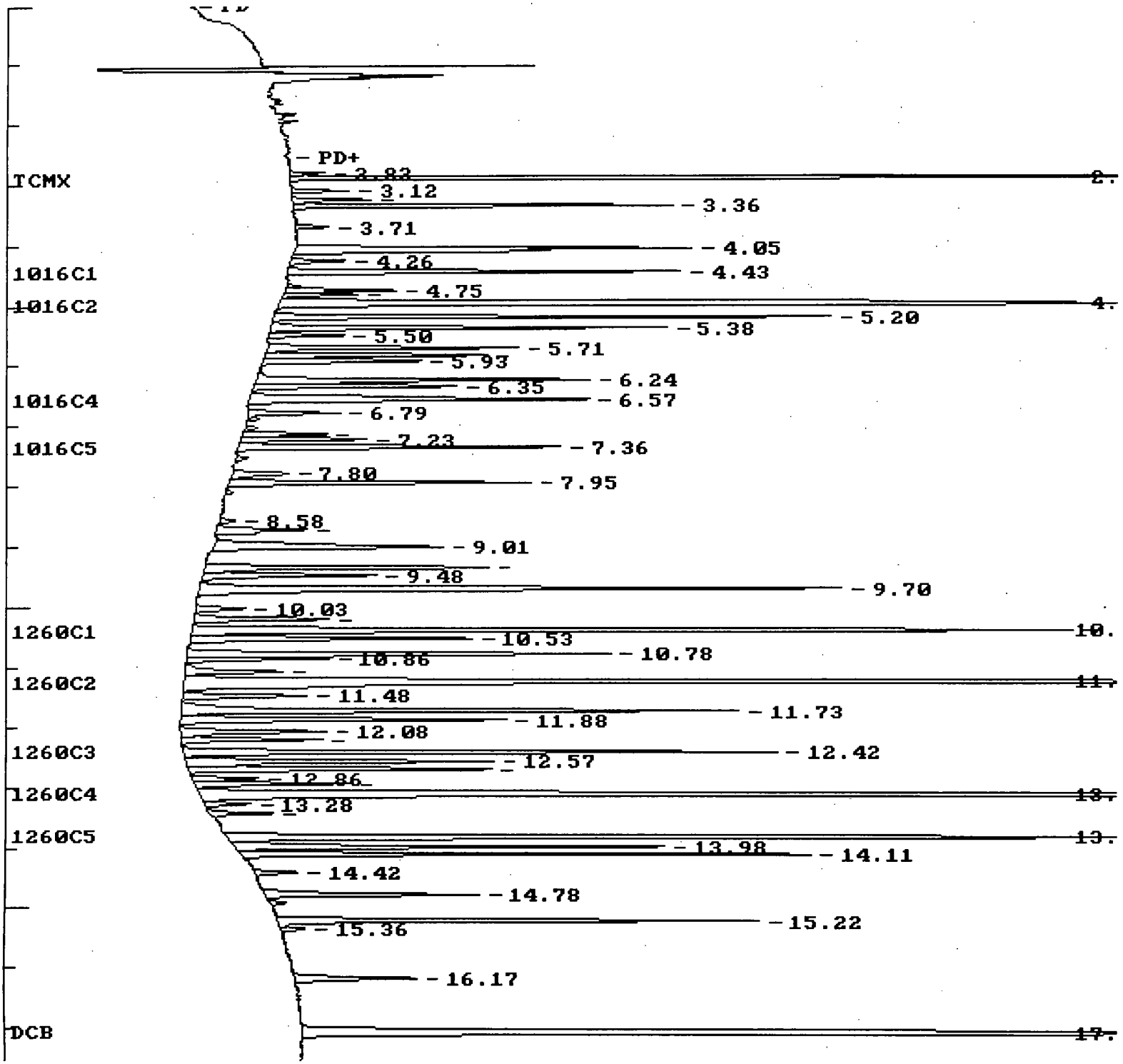
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	2.833		0.0000	0.0000%	14467	6565	2.2	2			0.0000E+00
2	2.908	TCMX	0.0192	0.3876%	499864	224497	2.2	2	52	-.1142	3.8375E-08
3	3.117		0.0000	0.0000%	28740	10720	2.7	1			0.0000E+00
4	3.267		0.0000	0.0000%	36495	14600	2.5	2			0.0000E+00
5	3.358		0.0000	0.0000%	187429	71120	2.6	2			0.0000E+00
6	3.708		0.0000	0.0000%	17312	6356	2.7	1			0.0000E+00
7	4.050		0.0000	0.0000%	334416	74414	4.5	1			0.0000E+00
8	4.258		0.0000	0.0000%	37674	10371	3.6	2			0.0000E+00
9	4.433	1016C1	0.5175	10.4553%	241528	73710	3.3	2	52	-.2031	2.1424E-06
11	4.750		0.0000	0.0000%	61977	20703	3.0	2			0.0000E+00
12	4.817		0.0000	0.0000%	39970	13935	2.9	2			0.0000E+00
13	4.975	1016C2	0.4785	9.6691%	807488	171520	4.7	2	52	-.1624	5.9264E-07
14	5.200	1016C3	0.5038	10.1790%	326687	103906	3.1	2	52	-.1181	1.5421E-06
15	5.375		0.0000	0.0000%	235675	74334	3.2	2			0.0000E+00
16	5.500		0.0000	0.0000%	44292	14152	3.1	2			0.0000E+00
17	5.708		0.0000	0.0000%	158256	47102	3.4	2			0.0000E+00
18	5.833		0.0000	0.0000%	136660	41706	3.3	2			0.0000E+00
19	5.925		0.0000	0.0000%	125004	29629	4.2	2			0.0000E+00
20	6.242		0.0000	0.0000%	226014	62508	3.6	2			0.0000E+00
21	6.350		0.0000	0.0000%	141691	38024	3.7	2			0.0000E+00
22	6.567	1016C4	0.5166	10.4381%	303032	63670	4.8	2	52	-.1842	1.7048E-06
23	6.792		0.0000	0.0000%	60375	17271	3.5	3			0.0000E+00
26	7.142		0.0000	0.0000%	55521	15818	3.5	2			0.0000E+00
27	7.233		0.0000	0.0000%	82654	23636	3.5	2			0.0000E+00
28	7.358	1016C5	0.5126	10.3575%	228557	60531	3.8	2	52	0	2.2428E-06
30	7.800		0.0000	0.0000%	50076	10676	4.7	2			0.0000E+00
31	7.950		0.0000	0.0000%	207772	56606	3.7	2			0.0000E+00
33	8.575		0.0000	0.0000%	11511	3167	3.6	2			0.0000E+00
34	8.725		0.0000	0.0000%	62456	17127	3.6	2			0.0000E+00
35	9.008		0.0000	0.0000%	217403	43080	5.0	1			0.0000E+00
36	9.350		0.0000	0.0000%	202800	53098	3.8	2			0.0000E+00
37	9.483		0.0000	0.0000%	134476	32479	4.1	2			0.0000E+00
38	9.700		0.0000	0.0000%	522764	119947	4.4	2			0.0000E+00
39	10.033		0.0000	0.0000%	37323	9349	4.0	2			0.0000E+00
40	10.208		0.0000	0.0000%	101374	25368	4.0	2			0.0000E+00
41	10.383	1260C1	0.4844	9.7871%	631847	164846	3.8	2	52	0	7.6662E-07
42	10.525		0.0000	0.0000%	209735	52801	4.0	2			0.0000E+00
43	10.775		0.0000	0.0000%	320606	79288	4.0	2			0.0000E+00
44	10.858		0.0000	0.0000%	85989	26594	3.2	2			0.0000E+00
45	11.075		0.0000	0.0000%	76156	18254	4.2	2			0.0000E+00
46	11.233	1260C2	0.4599	9.2926%	996461	214655	4.6	2	52	0	4.6154E-07
47	11.475		0.0000	0.0000%	95376	23171	4.1	2			0.0000E+00
48	11.725		0.0000	0.0000%	430461	104276	4.1	2			0.0000E+00
49	11.883		0.0000	0.0000%	243447	60776	4.0	2			0.0000E+00

50	12.083		0.0000	0.0000%	110796	27150	4.1	2			0.0000E+00
51	12.208		0.0000	0.0000%	97227	26354	3.7	2			0.0000E+00
52	12.417	1260C3	0.4932	9.9660%	402464	110806	3.6	2	52	0	1.2256E-06
53	12.567		0.0000	0.0000%	212395	57401	3.7	2			0.0000E+00
54	12.700		0.0000	0.0000%	227229	56521	4.0	2			0.0000E+00
55	12.858		0.0000	0.0000%	43855	12478	3.5	2			0.0000E+00
56	12.942		0.0000	0.0000%	95822	28951	3.3	2			0.0000E+00
57	13.108	1260C4	0.4642	9.3791%	1419789	432909	3.3	2	52	0	3.2694E-07
58	13.283		0.0000	0.0000%	27241	8514	3.2	2			0.0000E+00
59	13.433		0.0000	0.0000%	37364	11575	3.2	1			0.0000E+00
60	13.817	1260C5	0.4589	9.2720%	637681	179763	3.5	2	52	0	7.1963E-07
61	13.983		0.0000	0.0000%	265489	80270	3.3	2			0.0000E+00
62	14.108		0.0000	0.0000%	326294	106168	3.1	2			0.0000E+00
63	14.417		0.0000	0.0000%	24834	7890	3.1	1			0.0000E+00
64	14.783		0.0000	0.0000%	145072	39859	3.6	2			0.0000E+00
66	15.217		0.0000	0.0000%	315040	89766	3.5	2			0.0000E+00
67	15.358		0.0000	0.0000%	15932	4411	3.6	2			0.0000E+00
68	16.175		0.0000	0.0000%	89970	22795	3.9	1			0.0000E+00
69	17.050	DCB	0.0404	0.8167%	1102087	259614	4.2	1	69	0	3.6678E-08

TOTAL AMOUNT = 4.9492

Areas, times, and heights stored in: O:55PCD161.ATB
Data File = O:55PCD161.PTS Printed on 08-19-1998 at 18:24:05
Start time: 0.00 min. Stop time: 17.50 min. Offset: -99 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-19-1998 18:29:59 Version 5.1.5 **********

* Sample Name: AR1254 0.5, PC051D Data File: O:55PCD162 *

* Date: 08-19-1998 18:08:16 Method: O:55PCD3 08-16-1998 10:15:58 # 3197*

* Interface: 4 Cycle#: 162 Operator TMC Channel#: 0 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

Starting Delay: 0.00 Ending retention time: 17.50

Area reject: 2000 One sample per 0.500 sec.

Amount injected: 1.00 Dilution factor: 1.00

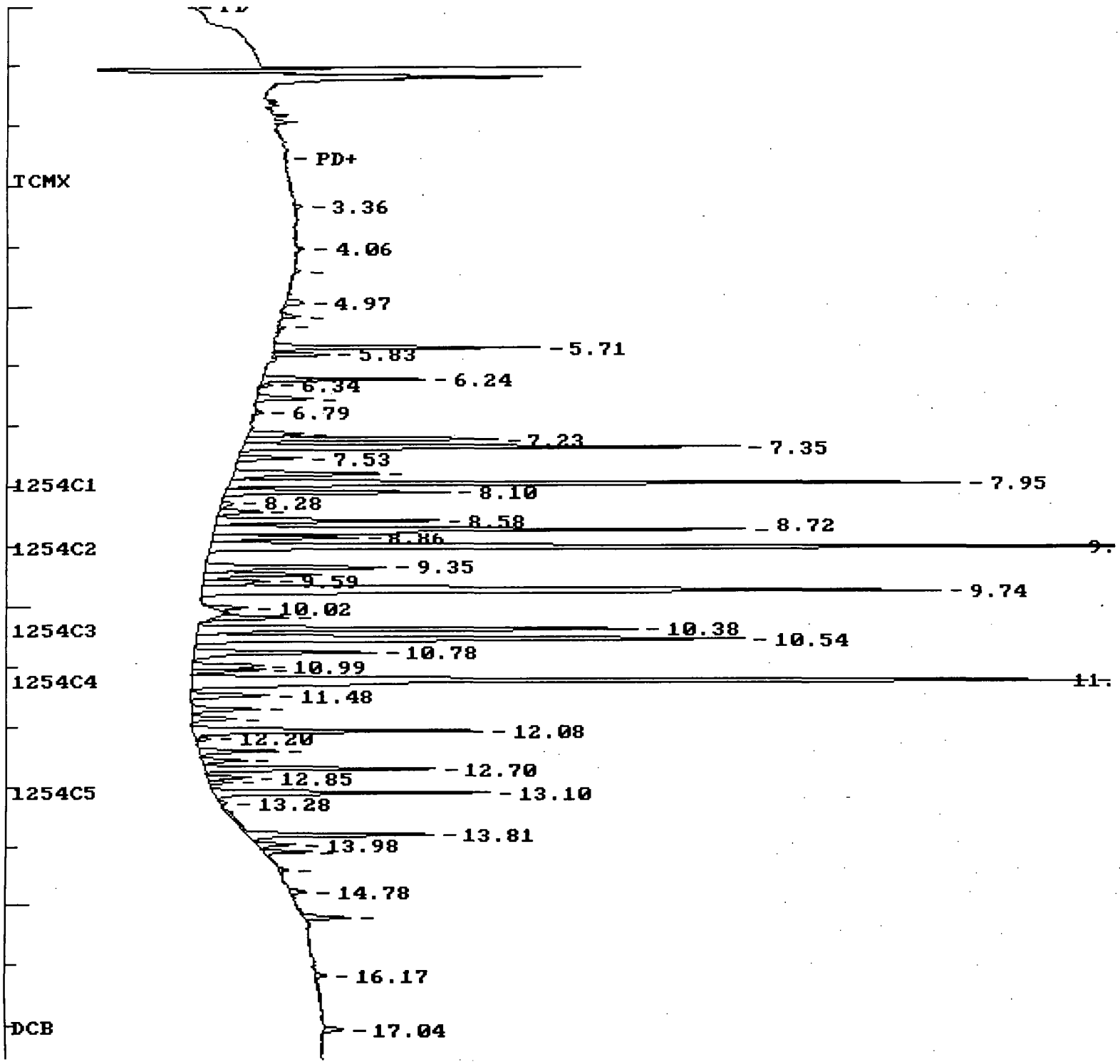
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	3.358		0.0000	0.0000%	3888	1429	2.7	1			0.0000E+00
2	4.058		0.0000	0.0000%	2309	1101	2.1	1			0.0000E+00
3	4.433		0.0000	0.0000%	4584	1411	3.2	1			0.0000E+00
4	4.967		0.0000	0.0000%	19263	3633	5.3	1			0.0000E+00
5	5.192		0.0000	0.0000%	12301	3660	3.4	1			0.0000E+00
6	5.367		0.0000	0.0000%	4903	1472	3.3	1			0.0000E+00
7	5.708		0.0000	0.0000%	155693	49902	3.1	2			0.0000E+00
8	5.825		0.0000	0.0000%	30535	10437	2.9	2			0.0000E+00
9	6.242		0.0000	0.0000%	101099	30512	3.3	3			0.0000E+00
10	6.342		0.0000	0.0000%	6863	2234	3.1	4			0.0000E+00
11	6.558		0.0000	0.0000%	42161	10685	3.9	1			0.0000E+00
12	6.792		0.0000	0.0000%	4092	1557	2.6	1			0.0000E+00
13	7.142		0.0000	0.0000%	32598	10348	3.2	2			0.0000E+00
14	7.225		0.0000	0.0000%	166448	47210	3.5	2			0.0000E+00
15	7.350		0.0000	0.0000%	339006	93208	3.6	2			0.0000E+00
16	7.533		0.0000	0.0000%	42466	12195	3.5	1			0.0000E+00
17	7.792		0.0000	0.0000%	117149	27334	4.3	2			0.0000E+00
18	7.950	1254C1	0.4917	19.9131%	523351	136734	3.8	2	48	-.1038	9.3956E-07
19	8.100		0.0000	0.0000%	151553	42057	3.6	2			0.0000E+00
20	8.283		0.0000	0.0000%	10816	2400	4.5	2			0.0000E+00
21	8.425		0.0000	0.0000%	32929	8103	4.1	2			0.0000E+00
22	8.575		0.0000	0.0000%	154978	41525	3.7	2			0.0000E+00
23	8.717		0.0000	0.0000%	384731	99536	3.9	2			0.0000E+00
24	8.858		0.0000	0.0000%	100544	27219	3.7	2			0.0000E+00
25	9.008	1254C2	0.4730	19.1532%	744624	192429	3.9	2	48	-.0947	6.3516E-07
26	9.350		0.0000	0.0000%	137926	33810	4.1	2			0.0000E+00
27	9.475		0.0000	0.0000%	88243	21930	4.0	2			0.0000E+00
28	9.592		0.0000	0.0000%	44507	12551	3.5	2			0.0000E+00
29	9.742		0.0000	0.0000%	734232	138042	5.3	2			0.0000E+00
30	10.025		0.0000	0.0000%	20594	6172	3.3	1			0.0000E+00
31	10.192		0.0000	0.0000%	53672	14126	3.8	1			0.0000E+00
32	10.375	1254C3	0.5104	20.6695%	314790	82355	3.8	2	48	-.1198	1.6214E-06
33	10.542		0.0000	0.0000%	493759	102665	4.8	2			0.0000E+00
34	10.775		0.0000	0.0000%	144087	34126	4.2	1			0.0000E+00
35	10.992		0.0000	0.0000%	49959	13324	3.7	2			0.0000E+00
36	11.067		0.0000	0.0000%	51995	13725	3.8	2			0.0000E+00
37	11.225	1254C4	0.4823	19.5299%	801089	168109	4.8	2	48	-.1163	6.0200E-07
38	11.483		0.0000	0.0000%	60211	14995	4.0	2			0.0000E+00
39	11.717		0.0000	0.0000%	49197	12840	3.8	1			0.0000E+00
40	11.875		0.0000	0.0000%	33475	8467	4.0	1			0.0000E+00
41	12.075		0.0000	0.0000%	221886	54307	4.1	3			0.0000E+00
42	12.200		0.0000	0.0000%	7211	2247	3.2	4			0.0000E+00
43	12.408		0.0000	0.0000%	54423	15071	3.6	2			0.0000E+00
44	12.558		0.0000	0.0000%	28534	8421	3.4	2			0.0000E+00

45	12.700		0.0000	0.0000%	156253	43136	3.6	2			0.0000E+00
46	12.850		0.0000	0.0000%	27867	8150	3.4	2			0.0000E+00
47	12.933		0.0000	0.0000%	13415	4455	3.0	2			0.0000E+00
48	13.100	1254C5	0.5114	20.7101%	175165	51625	3.4	2	48	0	2.9195E-06
49	13.275		0.0000	0.0000%	4177	1368	3.1	2			0.0000E+00
50	13.808		0.0000	0.0000%	134851	34569	3.9	2			0.0000E+00
51	13.975		0.0000	0.0000%	23797	7192	3.3	2			0.0000E+00
52	14.100		0.0000	0.0000%	28546	8724	3.3	2			0.0000E+00
53	14.400		0.0000	0.0000%	6234	1852	3.4	1			0.0000E+00
54	14.775		0.0000	0.0000%	11768	3161	3.7	1			0.0000E+00
55	15.200		0.0000	0.0000%	29981	8684	3.5	1			0.0000E+00
56	16.167		0.0000	0.0000%	7873	1915	4.1	1			0.0000E+00
57	17.042	DCB	0.0006	0.0241%	16244	3778	4.3	1	18	0	3.6678E-08

TOTAL AMOUNT = 2.4693

Areas, times, and heights stored in: O:55PCD162.ATB
Data File = O:55PCD162.PTS Printed on 08-19-1998 at 18:30:01
Start time: 0.00 min. Stop time: 17.50 min. Offset: -99 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-19-1998 19:34:55 Version 5.1.5 **********

* Sample Name: AR1242 0.5, PC055D Data File: O:55PCD163 *

* Date: 08-19-1998 18:28:58 Method: O:55PCD4 08-16-1998 10:19:20 # 4206*

* Interface: 4 Cycle#: 163 Operator TMC Channel#: 0 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

Starting Delay: 0.00 Ending retention time: 17.50

Area reject: 2000 One sample per 0.500 sec.

Amount injected: 1.00 Dilution factor: 1.00

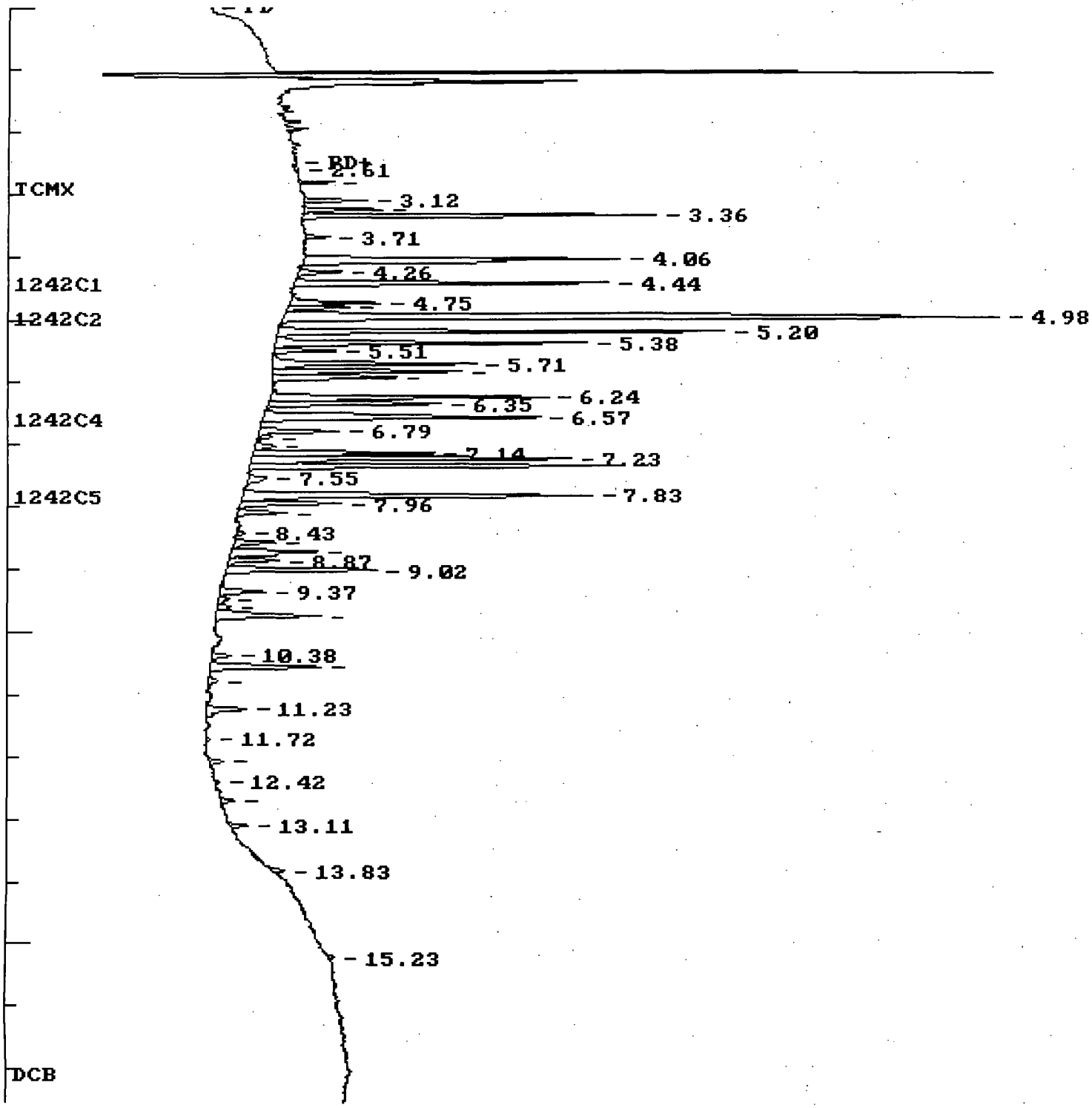
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	2.608		0.0000	0.0000%	2786	717	3.9	1			0.0000E+00
2	2.833		0.0000	0.0000%	13697	6349	2.2	1			0.0000E+00
3	3.117		0.0000	0.0000%	31363	11582	2.7	2			0.0000E+00
4	3.267		0.0000	0.0000%	34936	14300	2.4	2			0.0000E+00
5	3.358		0.0000	0.0000%	169425	63953	2.6	2			0.0000E+00
6	3.708		0.0000	0.0000%	11049	4488	2.5	1			0.0000E+00
7	4.058		0.0000	0.0000%	252920	57283	4.4	2			0.0000E+00
8	4.258		0.0000	0.0000%	28139	7714	3.6	2			0.0000E+00
9	4.442	1242C1	0.5288	20.3716%	187576	56789	3.3	2	0	-.1872	2.8190E-06
10	4.750		0.0000	0.0000%	51320	16380	3.1	2			0.0000E+00
11	4.817		0.0000	0.0000%	34331	11281	3.0	2			0.0000E+00
12	4.975	1242C2	0.5016	19.3239%	614982	128948	4.8	2	0	-.3338	8.1561E-07
13	5.200	1242C3	0.5313	20.4682%	258578	80633	3.2	2	0	-.3095	2.0546E-06
14	5.375		0.0000	0.0000%	186325	56463	3.3	2			0.0000E+00
15	5.508		0.0000	0.0000%	36186	11337	3.2	2			0.0000E+00
16	5.708		0.0000	0.0000%	133720	36717	3.6	2			0.0000E+00
17	5.833		0.0000	0.0000%	111584	34102	3.3	2			0.0000E+00
18	5.925		0.0000	0.0000%	94708	22341	4.2	2			0.0000E+00
19	6.242		0.0000	0.0000%	182169	50281	3.6	2			0.0000E+00
20	6.350		0.0000	0.0000%	116243	31339	3.7	2			0.0000E+00
21	6.567	1242C4	0.5242	20.1972%	238204	50118	4.8	2	0	-.3714	2.2008E-06
22	6.792		0.0000	0.0000%	51397	14458	3.6	3			0.0000E+00
23	6.892		0.0000	0.0000%	9585	2584	3.7	4			0.0000E+00
24	7.042		0.0000	0.0000%	14532	3666	4.0	2			0.0000E+00
25	7.142		0.0000	0.0000%	114705	32417	3.5	2			0.0000E+00
26	7.233		0.0000	0.0000%	205580	57533	3.6	2			0.0000E+00
27	7.342		0.0000	0.0000%	247227	67511	3.7	2			0.0000E+00
28	7.550		0.0000	0.0000%	20373	3496	5.8	1			0.0000E+00
29	7.825	1242C5	0.5098	19.6391%	270328	63065	4.3	2	0	-.2854	1.8857E-06
30	7.958		0.0000	0.0000%	71718	18153	4.0	2			0.0000E+00
31	8.108		0.0000	0.0000%	33025	9021	3.7	2			0.0000E+00
32	8.425		0.0000	0.0000%	5328	1533	3.5	1			0.0000E+00
33	8.583		0.0000	0.0000%	29085	7570	3.8	2			0.0000E+00
34	8.725		0.0000	0.0000%	62552	15766	4.0	2			0.0000E+00
35	8.867		0.0000	0.0000%	34306	9349	3.7	2			0.0000E+00
36	9.017		0.0000	0.0000%	106235	27132	3.9	2			0.0000E+00
37	9.367		0.0000	0.0000%	33011	8174	4.0	2			0.0000E+00
38	9.483		0.0000	0.0000%	8066	1788	4.5	2			0.0000E+00
39	9.608		0.0000	0.0000%	9970	2410	4.1	2			0.0000E+00
40	9.750		0.0000	0.0000%	84376	18770	4.5	2			0.0000E+00
41	10.383		0.0000	0.0000%	13503	3515	3.8	2			0.0000E+00
42	10.558		0.0000	0.0000%	83430	19946	4.2	2			0.0000E+00
43	10.783		0.0000	0.0000%	9264	1828	5.1	2			0.0000E+00
44	11.233		0.0000	0.0000%	33040	7138	4.6	1			0.0000E+00

45	11.717	0.0000	0.0000%	2234	641	3.5	1	0.0000E+00
46	12.083	0.0000	0.0000%	9678	2553	3.8	1	0.0000E+00
47	12.417	0.0000	0.0000%	3572	958	3.7	1	0.0000E+00
48	12.708	0.0000	0.0000%	8505	2532	3.4	1	0.0000E+00
49	13.108	0.0000	0.0000%	10503	3192	3.3	1	0.0000E+00
50	13.825	0.0000	0.0000%	5278	1858	2.8	1	0.0000E+00
52	15.225	0.0000	0.0000%	4918	1035	4.8	1	0.0000E+00

TOTAL AMOUNT = 2.5957

Areas, times, and heights stored in: O:55PCD163.ATB
Data File = O:55PCD163.PTS Printed on 08-19-1998 at 19:34:57
Start time: 0.00 min. Stop time: 17.50 min. Offset: -99 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-20-1998 20:24:04 Version 5.1.5 **********

* Sample Name: AR2148 0.5, PC047D Data File: O:55PCD176 *
* Date: 08-20-1998 00:01:35 Method: O:55PCD1 08-16-1998 10:12:24 # 4582*
* Interface: 4 Cycle#: 176 Operator TMC Channel#: 0 Vial#: N.A. *
* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

Starting Delay: 0.00
Area reject: 2000
Amount injected: 1.00
Sample Weight: 1.00000

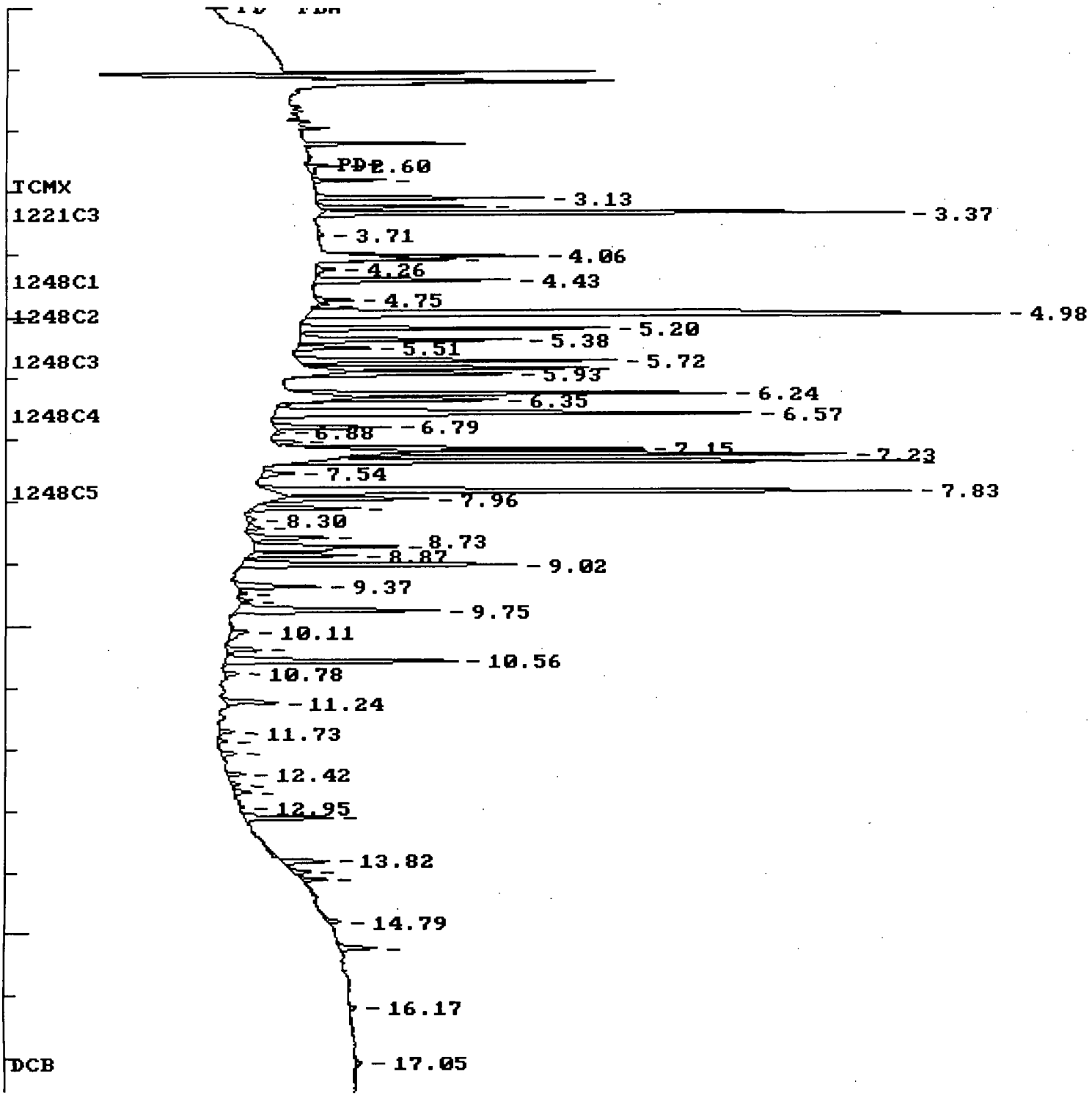
Ending retention time: 17.50
One sample per 0.500 sec.
Dilution factor: 1.00

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	2.600		0.0000	0.0000%	19246	6131	3.1	1			0.0000E+00
2	2.833		0.0000	0.0000%	28566	13381	2.1	1			0.0000E+00
3	3.125	1221C1	0.5116	12.5696%	108915	41484	2.6	1	0	-.3984	4.6970E-06
4	3.267	1221C2	0.5111	12.5590%	67739	29854	2.3	1	0	-.5076	7.5458E-06
5	3.367	1221C3	0.5024	12.3451%	283891	105735	2.7	1	0	-.3699	1.7698E-06
6	3.708		0.0000	0.0000%	2576	1313	2.0	1			0.0000E+00
7	4.058		0.0000	0.0000%	60228	24357	2.5	1			0.0000E+00
8	4.108		0.0000	0.0000%	18638	10799	1.7	1			0.0000E+00
9	4.258		0.0000	0.0000%	10991	3335	3.3	1			0.0000E+00
10	4.433	1248C1	0.5207	12.7936%	114897	35720	3.2	1	0	-.4677	4.5318E-06
11	4.750		0.0000	0.0000%	15804	6290	2.5	1			0.0000E+00
12	4.825		0.0000	0.0000%	3837	2229	1.7	1			0.0000E+00
13	4.975	1248C2	0.4940	12.1378%	593273	125923	4.7	1	0	-.4170	8.3267E-07
14	5.200		0.0000	0.0000%	174117	56129	3.1	1			0.0000E+00
15	5.375		0.0000	0.0000%	127682	40127	3.2	1			0.0000E+00
16	5.508		0.0000	0.0000%	40391	13635	3.0	1			0.0000E+00
17	5.717	1248C3	0.5190	12.7515%	190049	57672	3.3	1	0	-.2544	2.7307E-06
18	5.833		0.0000	0.0000%	129499	45852	2.8	1			0.0000E+00
19	5.925		0.0000	0.0000%	115702	32758	3.5	1			0.0000E+00
20	6.242		0.0000	0.0000%	222998	72811	3.1	1			0.0000E+00
21	6.350		0.0000	0.0000%	89143	31002	2.9	1			0.0000E+00
22	6.567	1248C4	0.5096	12.5221%	404964	87001	4.7	1	0	-.3477	1.2585E-06
23	6.792		0.0000	0.0000%	69391	20995	3.3	1			0.0000E+00
24	6.883		0.0000	0.0000%	4023	1641	2.5	1			0.0000E+00
25	7.042		0.0000	0.0000%	11475	4197	2.7	1			0.0000E+00
26	7.150		0.0000	0.0000%	140983	48060	2.9	1			0.0000E+00
27	7.233		0.0000	0.0000%	232063	83286	2.8	1			0.0000E+00
28	7.350		0.0000	0.0000%	367057	109653	3.3	1			0.0000E+00
29	7.542		0.0000	0.0000%	25076	6123	4.1	1			0.0000E+00
30	7.825	1248C5	0.5013	12.3181%	465346	114926	4.0	1	0	-.2920	1.0773E-06
31	7.958		0.0000	0.0000%	90158	27247	3.3	1			0.0000E+00
32	8.108		0.0000	0.0000%	65920	19262	3.4	1			0.0000E+00
33	8.300		0.0000	0.0000%	5400	1490	3.6	1			0.0000E+00
34	8.433		0.0000	0.0000%	10590	2895	3.7	1			0.0000E+00
35	8.583		0.0000	0.0000%	50458	14142	3.6	1			0.0000E+00
36	8.725		0.0000	0.0000%	96603	26174	3.7	1			0.0000E+00
37	8.867		0.0000	0.0000%	65332	19423	3.4	1			0.0000E+00
38	9.017		0.0000	0.0000%	190200	50304	3.8	1			0.0000E+00
39	9.367		0.0000	0.0000%	56757	15503	3.7	1			0.0000E+00
40	9.492		0.0000	0.0000%	4921	1742	2.8	1			0.0000E+00
41	9.600		0.0000	0.0000%	6855	2307	3.0	1			0.0000E+00
42	9.750		0.0000	0.0000%	152972	37081	4.1	1			0.0000E+00
43	10.108		0.0000	0.0000%	19589	3423	5.7	1			0.0000E+00
44	10.383		0.0000	0.0000%	23533	6250	3.8	1			0.0000E+00
45	10.558		0.0000	0.0000%	167167	42119	4.0	1			0.0000E+00

46	10.775	0.0000	0.0000%	8823	2467	3.6	1			0.0000E+00
47	11.242	0.0000	0.0000%	36510	9588	3.8	1			0.0000E+00
48	11.725	0.0000	0.0000%	11927	3015	4.0	1			0.0000E+00
49	11.883	0.0000	0.0000%	6947	1812	3.8	1			0.0000E+00
50	12.083	0.0000	0.0000%	11804	2941	4.0	1			0.0000E+00
51	12.417	0.0000	0.0000%	10926	3323	3.3	1			0.0000E+00
52	12.583	0.0000	0.0000%	5207	1627	3.2	1			0.0000E+00
53	12.708	0.0000	0.0000%	11836	3178	3.7	1			0.0000E+00
54	12.950	0.0000	0.0000%	2990	1003	3.0	1			0.0000E+00
55	13.108	0.0000	0.0000%	56102	16194	3.5	1			0.0000E+00
56	13.817	0.0000	0.0000%	23316	8604	2.7	1			0.0000E+00
57	13.992	0.0000	0.0000%	10558	2993	3.5	1			0.0000E+00
58	14.108	0.0000	0.0000%	14671	4655	3.2	1			0.0000E+00
59	14.792	0.0000	0.0000%	7530	2158	3.5	1			0.0000E+00
60	15.217	0.0000	0.0000%	25150	6928	3.6	1			0.0000E+00
61	16.175	0.0000	0.0000%	4797	1269	3.8	1			0.0000E+00
62	17.050 DCB	0.0001	0.0032%	3577	1010	3.5	1	0	-.1756	3.6678E-08

TOTAL AMOUNT = 4.0699

Areas, times, and heights stored in: O:55PCD176.ATB
Data File = O:55PCD176.PTS Printed on 08-20-1998 at 20:24:06
Start time: 0.00 min. Stop time: 17.50 min. Offset: -99 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-20-1998 20:24:10 Version 5.1.5 **********

* Sample Name: AR1660 0.5, PC040D Data File: O:55PCD177 *

* Date: 08-20-1998 00:22:09 Method: O:55PCD2 08-16-1998 09:14:01 # 4484*

* Interface: 4 Cycle#: 177 Operator TMC Channel#: 0 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

Starting Delay: 0.00 Ending retention time: 17.50

Area reject: 10000 One sample per 0.500 sec.

Amount injected: 1.00 Dilution factor: 1.00

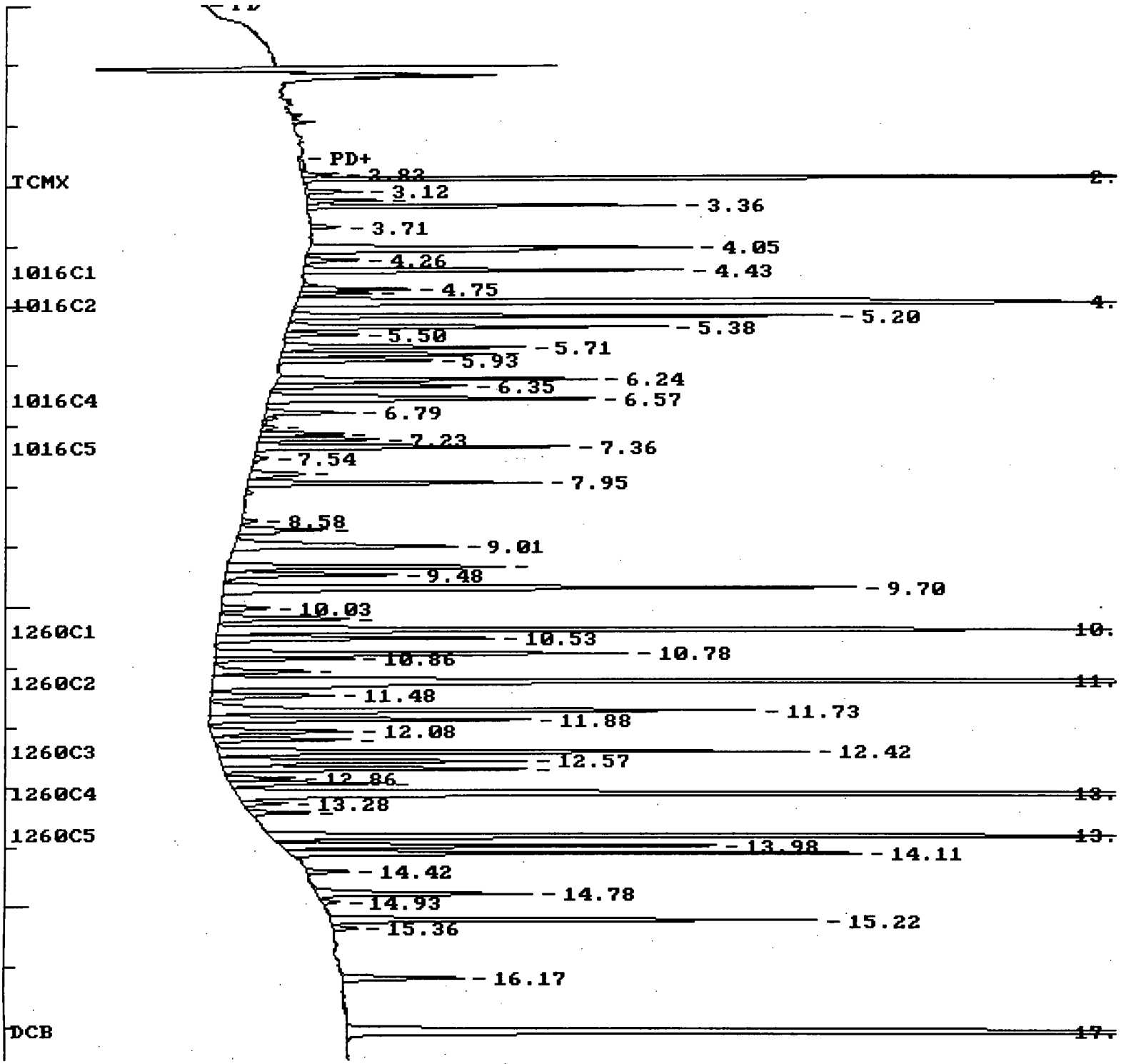
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
2	2.833		0.0000	0.0000%	16702	6731	2.5	2			0.0000E+00
3	2.900	TCMX	0.0184	0.3819%	480261	218700	2.2	2	53	-.4004	3.8375E-08
4	3.117		0.0000	0.0000%	27987	10373	2.7	2			0.0000E+00
5	3.267		0.0000	0.0000%	35266	14262	2.5	2			0.0000E+00
6	3.358		0.0000	0.0000%	180683	69213	2.6	2			0.0000E+00
7	3.708		0.0000	0.0000%	14286	5642	2.5	1			0.0000E+00
8	4.050		0.0000	0.0000%	324121	71645	4.5	1			0.0000E+00
9	4.258		0.0000	0.0000%	37129	10114	3.7	2			0.0000E+00
10	4.433	1016C1	0.4976	10.3115%	232276	71155	3.3	2	53	-.2031	2.1424E-06
12	4.750		0.0000	0.0000%	59845	20598	2.9	2			0.0000E+00
13	4.817		0.0000	0.0000%	39111	13649	2.9	2			0.0000E+00
14	4.975	1016C2	0.4617	9.5666%	779037	165533	4.7	2	53	-.1624	5.9264E-07
15	5.200	1016C3	0.4878	10.1075%	316317	100950	3.1	2	53	-.1181	1.5421E-06
16	5.375		0.0000	0.0000%	224518	71209	3.2	2			0.0000E+00
17	5.500		0.0000	0.0000%	42003	13670	3.1	2			0.0000E+00
18	5.708		0.0000	0.0000%	153779	45381	3.4	2			0.0000E+00
19	5.825		0.0000	0.0000%	131919	40294	3.3	2			0.0000E+00
20	5.925		0.0000	0.0000%	117793	28443	4.1	2			0.0000E+00
21	6.242		0.0000	0.0000%	207677	59560	3.5	2			0.0000E+00
22	6.350		0.0000	0.0000%	132409	36054	3.7	2			0.0000E+00
23	6.567	1016C4	0.4949	10.2559%	290330	61161	4.7	1	53	-.1842	1.7048E-06
24	6.792		0.0000	0.0000%	59373	16654	3.6	3			0.0000E+00
26	7.042		0.0000	0.0000%	11089	2998	3.7	2			0.0000E+00
27	7.142		0.0000	0.0000%	54886	15585	3.5	2			0.0000E+00
28	7.233		0.0000	0.0000%	77849	22556	3.5	2			0.0000E+00
29	7.358	1016C5	0.4923	10.2018%	219517	58581	3.7	2	53	0	2.2428E-06
30	7.542		0.0000	0.0000%	11710	2667	4.4	2			0.0000E+00
31	7.800		0.0000	0.0000%	49315	10276	4.8	2			0.0000E+00
32	7.950		0.0000	0.0000%	201005	54922	3.7	2			0.0000E+00
34	8.583		0.0000	0.0000%	10786	3136	3.4	2			0.0000E+00
35	8.725		0.0000	0.0000%	60299	16430	3.7	2			0.0000E+00
36	9.008		0.0000	0.0000%	216004	41857	5.2	2			0.0000E+00
37	9.350		0.0000	0.0000%	198506	52141	3.8	2			0.0000E+00
38	9.483		0.0000	0.0000%	132028	32012	4.1	2			0.0000E+00
39	9.700		0.0000	0.0000%	507895	118164	4.3	2			0.0000E+00
40	10.033		0.0000	0.0000%	36521	9024	4.0	2			0.0000E+00
41	10.208		0.0000	0.0000%	99751	24376	4.1	2			0.0000E+00
42	10.383	1260C1	0.4731	9.8039%	617172	163184	3.8	2	53	0	7.6662E-07
43	10.525		0.0000	0.0000%	207895	51992	4.0	2			0.0000E+00
44	10.775		0.0000	0.0000%	314440	77250	4.1	2			0.0000E+00
45	10.858		0.0000	0.0000%	82941	25972	3.2	2			0.0000E+00
46	11.075		0.0000	0.0000%	74863	18035	4.2	2			0.0000E+00
47	11.233	1260C2	0.4500	9.3239%	974926	211382	4.6	2	53		4.6154E-07
48	11.475		0.0000	0.0000%	93389	22944	4.1	2			0.0000E+00

49	11.725		0.0000	0.0000%	422677	102047	4.1	2			0.0000E+00
50	11.883		0.0000	0.0000%	237806	60044	4.0	2			0.0000E+00
51	12.083		0.0000	0.0000%	109189	26614	4.1	2			0.0000E+00
52	12.208		0.0000	0.0000%	93923	25714	3.7	2			0.0000E+00
53	12.417	1260C3	0.4838	10.0255%	394783	110273	3.6	2	53	0	1.2256E-06
54	12.567		0.0000	0.0000%	210564	57268	3.7	2			0.0000E+00
55	12.700		0.0000	0.0000%	227148	56622	4.0	2			0.0000E+00
56	12.858		0.0000	0.0000%	40860	12398	3.3	2			0.0000E+00
57	12.942		0.0000	0.0000%	97483	28928	3.4	2			0.0000E+00
58	13.108	1260C4	0.4631	9.5954%	1416374	437787	3.2	2	53	0	3.2694E-07
59	13.275		0.0000	0.0000%	26790	8387	3.2	2			0.0000E+00
60	13.433		0.0000	0.0000%	36921	11302	3.3	1			0.0000E+00
61	13.817	1260C5	0.4620	9.5727%	641965	180804	3.6	2	53	0	7.1963E-07
62	13.983		0.0000	0.0000%	264244	81050	3.3	2			0.0000E+00
63	14.108		0.0000	0.0000%	329893	106306	3.1	2			0.0000E+00
64	14.417		0.0000	0.0000%	25488	8025	3.2	1			0.0000E+00
65	14.783		0.0000	0.0000%	147929	40361	3.7	2			0.0000E+00
66	14.925		0.0000	0.0000%	11375	3268	3.5	2			0.0000E+00
67	15.217		0.0000	0.0000%	319224	90866	3.5	2			0.0000E+00
68	15.358		0.0000	0.0000%	16412	4507	3.6	2			0.0000E+00
69	16.175		0.0000	0.0000%	90312	22835	4.0	1			0.0000E+00
70	17.050	DCB	0.0412	0.8533%	1122708	261927	4.3	1	70	0	3.6678E-08

TOTAL AMOUNT = 4.8260

Areas, times, and heights stored in: O:55PCD177.ATB
Data File = O:55PCD177.PTS Printed on 08-20-1998 at 20:24:12
Start time: 0.00 min. Stop time: 17.50 min. Offset: -99 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-20-1998 20:24:16 Version 5.1.5 **********

* Sample Name: AR1254 0.5, PC051D Data File: O:55PCD178 *

* Date: 08-20-1998 00:42:46 Method: O:55PCD3 08-16-1998 10:15:58 # 3197*

* Interface: 4 Cycle#: 178 Operator TMC Channel#: 0 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

Starting Delay: 0.00 Ending retention time: 17.50

Area reject: 2000 One sample per 0.500 sec.

Amount injected: 1.00 Dilution factor: 1.00

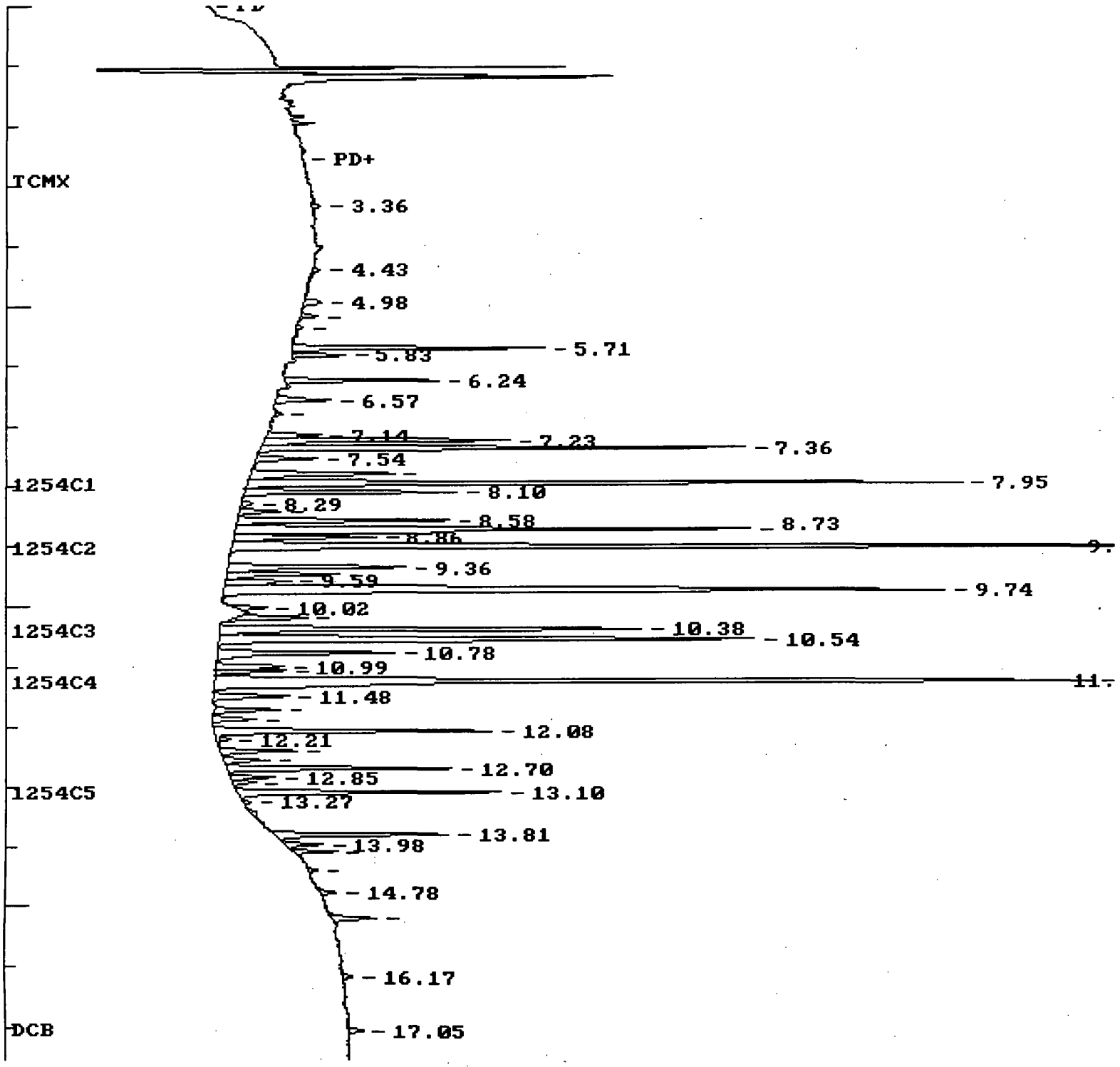
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	3.358		0.0000	0.0000%	7017	1742	4.0	1			0.0000E+00
2	4.425		0.0000	0.0000%	7263	1530	4.7	1			0.0000E+00
3	4.975		0.0000	0.0000%	16666	3361	5.0	1			0.0000E+00
4	5.192		0.0000	0.0000%	11963	3371	3.5	1			0.0000E+00
5	5.375		0.0000	0.0000%	4720	1386	3.4	1			0.0000E+00
6	5.708		0.0000	0.0000%	150271	47237	3.2	2			0.0000E+00
7	5.825		0.0000	0.0000%	28943	9792	3.0	2			0.0000E+00
8	6.242		0.0000	0.0000%	91419	28858	3.2	1			0.0000E+00
9	6.567		0.0000	0.0000%	40458	10544	3.8	1			0.0000E+00
10	6.783		0.0000	0.0000%	4022	1375	2.9	1			0.0000E+00
11	7.142		0.0000	0.0000%	34130	10143	3.4	2			0.0000E+00
12	7.225		0.0000	0.0000%	161360	46059	3.5	2			0.0000E+00
13	7.358		0.0000	0.0000%	326902	90886	3.6	2			0.0000E+00
14	7.542		0.0000	0.0000%	42778	11602	3.7	2			0.0000E+00
15	7.792		0.0000	0.0000%	118931	26914	4.4	2			0.0000E+00
16	7.950	1254C1	0.4742	19.8849%	504686	133697	3.8	2	46	-.1038	9.3956E-07
17	8.100		0.0000	0.0000%	146166	39959	3.7	2			0.0000E+00
18	8.292		0.0000	0.0000%	10275	2460	4.2	2			0.0000E+00
19	8.433		0.0000	0.0000%	31756	7874	4.0	2			0.0000E+00
20	8.575		0.0000	0.0000%	149289	39719	3.8	2			0.0000E+00
21	8.725		0.0000	0.0000%	370485	96551	3.8	2			0.0000E+00
22	8.858		0.0000	0.0000%	100890	26722	3.8	2			0.0000E+00
23	9.008	1254C2	0.4579	19.2036%	720976	188446	3.8	2	46	-.0947	6.3516E-07
24	9.358		0.0000	0.0000%	132644	33170	4.0	2			0.0000E+00
25	9.475		0.0000	0.0000%	85517	21262	4.0	2			0.0000E+00
26	9.592		0.0000	0.0000%	46929	12279	3.8	2			0.0000E+00
27	9.742		0.0000	0.0000%	712226	134815	5.3	2			0.0000E+00
28	10.025		0.0000	0.0000%	19371	5718	3.4	1			0.0000E+00
29	10.200		0.0000	0.0000%	50016	13654	3.7	1			0.0000E+00
30	10.383	1254C3	0.4935	20.6961%	304385	79174	3.8	2	46	0	1.6214E-06
31	10.542		0.0000	0.0000%	481082	100386	4.8	2			0.0000E+00
32	10.775		0.0000	0.0000%	138678	33212	4.2	2			0.0000E+00
33	10.992		0.0000	0.0000%	52166	12972	4.0	2			0.0000E+00
34	11.067		0.0000	0.0000%	46700	13354	3.5	2			0.0000E+00
35	11.233	1254C4	0.4681	19.6309%	777615	164357	4.7	2	46	0	6.0200E-07
36	11.483		0.0000	0.0000%	57664	14302	4.0	2			0.0000E+00
37	11.717		0.0000	0.0000%	46231	12331	3.7	1			0.0000E+00
38	11.875		0.0000	0.0000%	31525	8228	3.8	1			0.0000E+00
39	12.075		0.0000	0.0000%	213969	52050	4.1	3			0.0000E+00
40	12.208		0.0000	0.0000%	6520	2038	3.2	4			0.0000E+00
41	12.408		0.0000	0.0000%	52232	14371	3.6	2			0.0000E+00
42	12.567		0.0000	0.0000%	28779	8320	3.5	2			0.0000E+00
43	12.700		0.0000	0.0000%	152728	41795	3.7	2			0.0000E+00
44	12.850		0.0000	0.0000%	27452	8336	3.3	2			0.0000E+00

45	12.942		0.0000	0.0000%	13394	4307	3.1	2			0.0000E+00
46	13.100	1254C5	0.4904	20.5651%	167973	49418	3.4	2	46	0	2.9195E-06
47	13.267		0.0000	0.0000%	5116	1394	3.7	2			0.0000E+00
48	13.808		0.0000	0.0000%	110776	32251	3.4	2			0.0000E+00
49	13.983		0.0000	0.0000%	22126	6694	3.3	2			0.0000E+00
50	14.100		0.0000	0.0000%	24960	7910	3.2	2			0.0000E+00
51	14.417		0.0000	0.0000%	5714	1632	3.5	1			0.0000E+00
52	14.775		0.0000	0.0000%	11155	3079	3.6	1			0.0000E+00
53	15.200		0.0000	0.0000%	29628	8262	3.6	1			0.0000E+00
54	16.175		0.0000	0.0000%	7804	1927	4.1	1			0.0000E+00
55	17.050	DCB	0.0005	0.0194%	12615	2837	4.4	1	16	0	3.6678E-08

TOTAL AMOUNT = 2.3846

Areas, times, and heights stored in: O:55PCD178.ATB
Data File = O:55PCD178.PTS Printed on 08-20-1998 at 20:24:18
Start time: 0.00 min. Stop time: 17.50 min. Offset: -99 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-20-1998 20:24:22 Version 5.1.5 **********

* Sample Name: AR1242 0.5, PC055D Data File: O:55PCD179 *

* Date: 08-20-1998 01:03:22 Method: O:55PCD4 08-16-1998 10:19:20 # 4206*

* Interface: 4 Cycle#: 179 Operator TMC Channel#: 0 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

Starting Delay: 0.00 Ending retention time: 17.50

Area reject: 2000 One sample per 0.500 sec.

Amount injected: 1.00 Dilution factor: 1.00

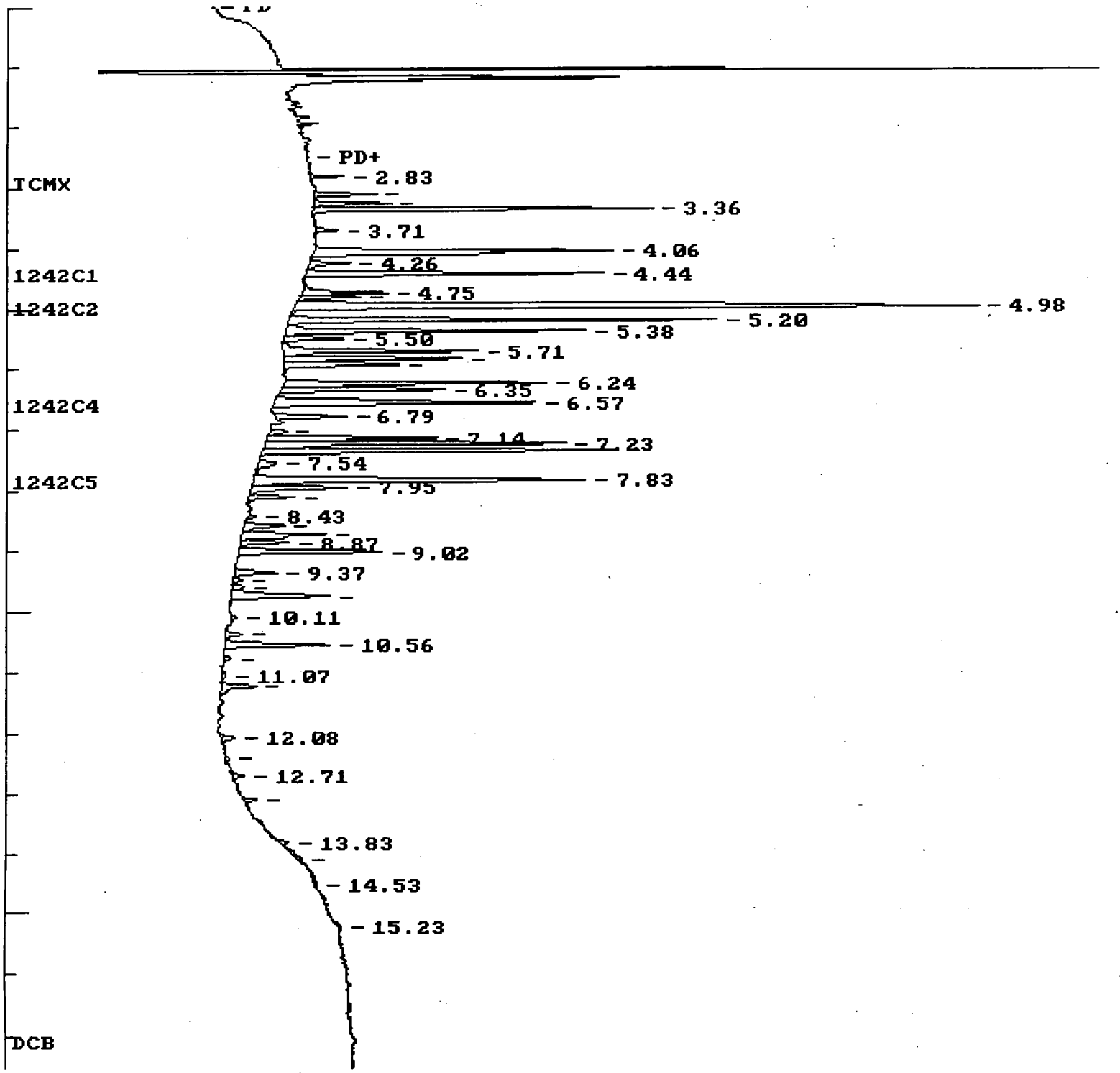
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	2.833		0.0000	0.0000%	13454	6403	2.1	1			0.0000E+00
2	3.117		0.0000	0.0000%	31273	11559	2.7	2			0.0000E+00
3	3.267		0.0000	0.0000%	35477	14420	2.5	2			0.0000E+00
4	3.358		0.0000	0.0000%	166657	63313	2.6	2			0.0000E+00
5	3.708		0.0000	0.0000%	11177	4207	2.7	1			0.0000E+00
6	4.058		0.0000	0.0000%	250375	55722	4.5	2			0.0000E+00
7	4.258		0.0000	0.0000%	30624	7746	4.0	2			0.0000E+00
8	4.442	1242C1	0.5210	20.5719%	184825	55723	3.3	2	0	-.1872	2.8190E-06
9	4.750		0.0000	0.0000%	50867	16132	3.2	2			0.0000E+00
10	4.817		0.0000	0.0000%	33563	11424	2.9	2			0.0000E+00
11	4.975	1242C2	0.4895	19.3266%	600147	126965	4.7	2	0	-.3338	8.1561E-07
12	5.200	1242C3	0.5199	20.5282%	253045	79802	3.2	2	0	-.3095	2.0546E-06
13	5.375		0.0000	0.0000%	183031	55762	3.3	2			0.0000E+00
14	5.500		0.0000	0.0000%	35668	11140	3.2	2			0.0000E+00
15	5.708		0.0000	0.0000%	130598	36127	3.6	2			0.0000E+00
16	5.833		0.0000	0.0000%	107734	33187	3.2	2			0.0000E+00
17	5.925		0.0000	0.0000%	91283	21486	4.2	2			0.0000E+00
18	6.242		0.0000	0.0000%	170667	49031	3.5	2			0.0000E+00
19	6.350		0.0000	0.0000%	109916	30572	3.6	2			0.0000E+00
20	6.567	1242C4	0.5023	19.8345%	228251	48569	4.7	1	0	-.3714	2.2008E-06
21	6.792		0.0000	0.0000%	43456	13307	3.3	1			0.0000E+00
22	7.033		0.0000	0.0000%	11190	3280	3.4	2			0.0000E+00
23	7.142		0.0000	0.0000%	110058	31594	3.5	2			0.0000E+00
24	7.233		0.0000	0.0000%	197511	56067	3.5	2			0.0000E+00
25	7.342		0.0000	0.0000%	240838	66082	3.6	2			0.0000E+00
26	7.542		0.0000	0.0000%	22935	3595	6.4	2			0.0000E+00
27	7.825	1242C5	0.4999	19.7388%	265109	61742	4.3	2	0	-.2854	1.8857E-06
28	7.950		0.0000	0.0000%	70529	17758	4.0	2			0.0000E+00
29	8.108		0.0000	0.0000%	31486	8688	3.6	2			0.0000E+00
30	8.425		0.0000	0.0000%	5972	1590	3.8	1			0.0000E+00
31	8.583		0.0000	0.0000%	30925	7493	4.1	2			0.0000E+00
32	8.725		0.0000	0.0000%	62412	15519	4.0	2			0.0000E+00
33	8.867		0.0000	0.0000%	34278	9111	3.8	2			0.0000E+00
34	9.017		0.0000	0.0000%	103394	26621	3.9	2			0.0000E+00
35	9.367		0.0000	0.0000%	32115	7986	4.0	2			0.0000E+00
36	9.483		0.0000	0.0000%	7551	1981	3.8	2			0.0000E+00
37	9.608		0.0000	0.0000%	9880	2387	4.1	2			0.0000E+00
38	9.750		0.0000	0.0000%	81939	18472	4.4	2			0.0000E+00
39	10.108		0.0000	0.0000%	3361	1130	3.0	1			0.0000E+00
40	10.383		0.0000	0.0000%	11745	3094	3.8	2			0.0000E+00
41	10.558		0.0000	0.0000%	78860	19573	4.0	2			0.0000E+00
42	10.783		0.0000	0.0000%	5829	1499	3.9	1			0.0000E+00
43	11.067		0.0000	0.0000%	5496	827	6.6	2			0.0000E+00
44	11.233		0.0000	0.0000%	31968	6628	4.8	2			0.0000E+00

45	12.083	0.0000	0.0000%	9939	2559	3.9	1	0.0000E+00
46	12.417	0.0000	0.0000%	2505	791	3.2	1	0.0000E+00
47	12.708	0.0000	0.0000%	8528	2237	3.8	1	0.0000E+00
49	13.108	0.0000	0.0000%	8167	2582	3.2	1	0.0000E+00
50	13.825	0.0000	0.0000%	4183	1610	2.6	2	0.0000E+00
51	14.100	0.0000	0.0000%	6905	804	8.6	2	0.0000E+00
52	14.533	0.0000	0.0000%	4954	389	12.7	1	0.0000E+00
54	15.225	0.0000	0.0000%	4353	892	4.9	1	0.0000E+00

TOTAL AMOUNT = 2.5327

Areas, times, and heights stored in: O:55PCD179.ATB
Data File = O:55PCD179.PTS Printed on 08-20-1998 at 20:24:24
Start time: 0.00 min. Stop time: 17.50 min. Offset: -99 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-20-1998 20:24:27 Version 5.1.5 **********

* Sample Name: AR2148 0.5, PC047D Data File: O:55PCD180 *

* Date: 08-20-1998 01:23:58 Method: O:55PCD1 08-16-1998 10:12:24 # 4582*

* Interface: 4 Cycle#: 180 Operator TMC Channel#: 0 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

Starting Delay: 0.00 Ending retention time: 17.50

Area reject: 2000 One sample per 0.500 sec.

Amount injected: 1.00 Dilution factor: 1.00

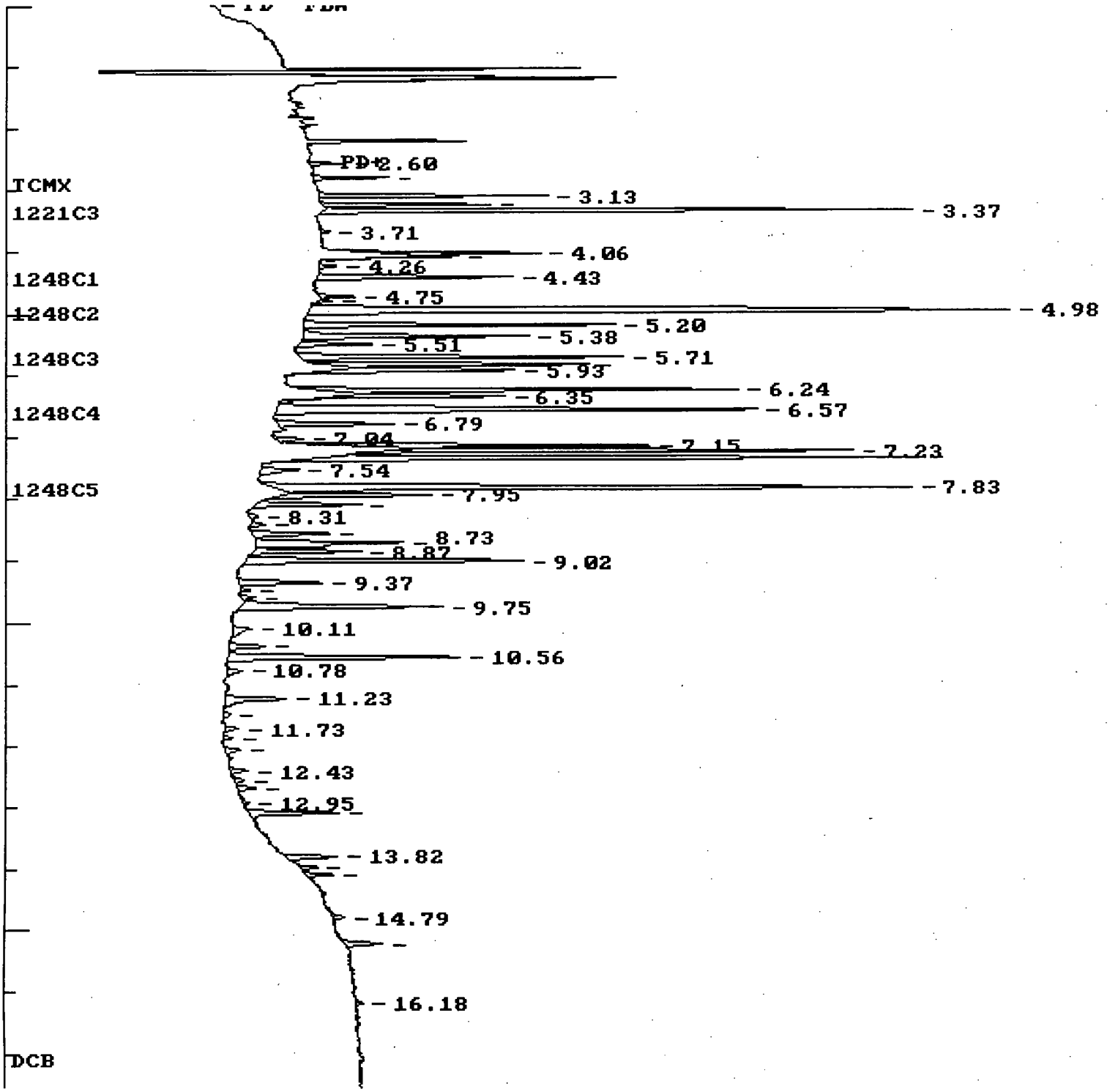
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	2.600		0.0000	0.0000%	13722	6545	2.1	1			0.0000E+00
2	2.833		0.0000	0.0000%	29808	13736	2.2	1			0.0000E+00
3	3.125	1221C1	0.5160	12.5561%	109853	41868	2.6	1	0	-.3984	4.6970E-06
4	3.267	1221C2	0.5184	12.6153%	68702	30491	2.3	1	0	-.5076	7.5458E-06
5	3.367	1221C3	0.5099	12.4071%	288080	107121	2.7	1	0	-.3699	1.7698E-06
6	3.708		0.0000	0.0000%	5004	1801	2.8	1			0.0000E+00
7	4.058		0.0000	0.0000%	61511	24426	2.5	1			0.0000E+00
8	4.108		0.0000	0.0000%	18567	11120	1.7	1			0.0000E+00
9	4.258		0.0000	0.0000%	11349	3337	3.4	1			0.0000E+00
10	4.433	1248C1	0.5192	12.6342%	114565	35781	3.2	1	0	-.4677	4.5318E-06
11	4.750		0.0000	0.0000%	15413	6291	2.5	1			0.0000E+00
12	4.817		0.0000	0.0000%	4469	2438	1.8	1			0.0000E+00
13	4.975	1248C2	0.4984	12.1286%	598567	127797	4.7	1	0	-.4170	8.3267E-07
14	5.200		0.0000	0.0000%	177208	57052	3.1	1			0.0000E+00
15	5.375		0.0000	0.0000%	132409	41417	3.2	1			0.0000E+00
16	5.508		0.0000	0.0000%	40286	13408	3.0	1			0.0000E+00
17	5.708	1248C3	0.5231	12.7306%	191577	58832	3.3	1	0	-.3998	2.7307E-06
18	5.833		0.0000	0.0000%	130212	45779	2.8	1			0.0000E+00
19	5.925		0.0000	0.0000%	117830	33191	3.6	1			0.0000E+00
20	6.242		0.0000	0.0000%	226109	74468	3.0	1			0.0000E+00
21	6.350		0.0000	0.0000%	89780	31762	2.8	1			0.0000E+00
22	6.567	1248C4	0.5159	12.5542%	409935	87771	4.7	1	0	-.3477	1.2585E-06
23	6.792		0.0000	0.0000%	68952	21042	3.3	1			0.0000E+00
24	7.042		0.0000	0.0000%	12512	4304	2.9	1			0.0000E+00
25	7.150		0.0000	0.0000%	143420	48829	2.9	1			0.0000E+00
26	7.233		0.0000	0.0000%	235382	83949	2.8	1			0.0000E+00
27	7.342		0.0000	0.0000%	366083	109401	3.3	1			0.0000E+00
28	7.542		0.0000	0.0000%	29974	6982	4.3	1			0.0000E+00
29	7.825	1248C5	0.5085	12.3738%	471976	115062	4.1	1	0	-.2920	1.0773E-06
30	7.950		0.0000	0.0000%	92546	27122	3.4	1			0.0000E+00
31	8.108		0.0000	0.0000%	65203	19122	3.4	1			0.0000E+00
32	8.308		0.0000	0.0000%	6658	1457	4.6	1			0.0000E+00
33	8.433		0.0000	0.0000%	9680	2896	3.3	1			0.0000E+00
34	8.583		0.0000	0.0000%	50434	13943	3.6	1			0.0000E+00
35	8.725		0.0000	0.0000%	96697	26766	3.6	1			0.0000E+00
36	8.867		0.0000	0.0000%	65755	19638	3.3	1			0.0000E+00
37	9.017		0.0000	0.0000%	190571	50794	3.8	1			0.0000E+00
38	9.367		0.0000	0.0000%	56287	15080	3.7	1			0.0000E+00
39	9.492		0.0000	0.0000%	5660	1888	3.0	1			0.0000E+00
40	9.600		0.0000	0.0000%	6922	2331	3.0	1			0.0000E+00
41	9.750		0.0000	0.0000%	152214	36937	4.1	1			0.0000E+00
42	10.108		0.0000	0.0000%	18238	3389	5.4	1			0.0000E+00
43	10.383		0.0000	0.0000%	24274	6586	3.7	1			0.0000E+00
44	10.558		0.0000	0.0000%	168103	42253	4.0	1			0.0000E+00

45	10.775	0.0000	0.0000%	14734	3031	4.9	1	0.0000E+00
47	11.233	0.0000	0.0000%	51418	11275	4.6	1	0.0000E+00
48	11.492	0.0000	0.0000%	5349	1211	4.4	1	0.0000E+00
49	11.725	0.0000	0.0000%	9492	2725	3.5	1	0.0000E+00
50	11.883	0.0000	0.0000%	6031	1886	3.2	1	0.0000E+00
51	12.083	0.0000	0.0000%	11668	2839	4.1	1	0.0000E+00
52	12.425	0.0000	0.0000%	11542	3235	3.6	1	0.0000E+00
53	12.575	0.0000	0.0000%	6020	1763	3.4	1	0.0000E+00
54	12.708	0.0000	0.0000%	12771	3444	3.7	1	0.0000E+00
55	12.950	0.0000	0.0000%	4710	972	4.8	1	0.0000E+00
56	13.108	0.0000	0.0000%	55588	16297	3.4	1	0.0000E+00
57	13.817	0.0000	0.0000%	26843	8935	3.0	1	0.0000E+00
58	13.992	0.0000	0.0000%	9598	3098	3.1	1	0.0000E+00
59	14.108	0.0000	0.0000%	14475	4654	3.1	1	0.0000E+00
61	14.792	0.0000	0.0000%	8402	2200	3.8	1	0.0000E+00
62	15.217	0.0000	0.0000%	24524	6791	3.6	1	0.0000E+00
63	16.183	0.0000	0.0000%	5173	1275	4.1	1	0.0000E+00

TOTAL AMOUNT = 4.1094

Areas, times, and heights stored in: O:55PCD180.ATB
Data File = O:55PCD180.PTS Printed on 08-20-1998 at 20:24:29
Start time: 0.00 min. Stop time: 17.50 min. Offset: -99 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-20-1998 20:24:33 Version 5.1.5 **********

* Sample Name: AR1660 0.5, PC040D Data File: O:55PCD181 *

* Date: 08-20-1998 01:44:35 Method: O:55PCD2 08-16-1998 09:14:01 # 4484*

* Interface: 4 Cycle#: 181 Operator TMC Channel#: 0 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

Starting Delay: 0.00 Ending retention time: 17.50

Area reject: 10000 One sample per 0.500 sec.

Amount injected: 1.00 Dilution factor: 1.00

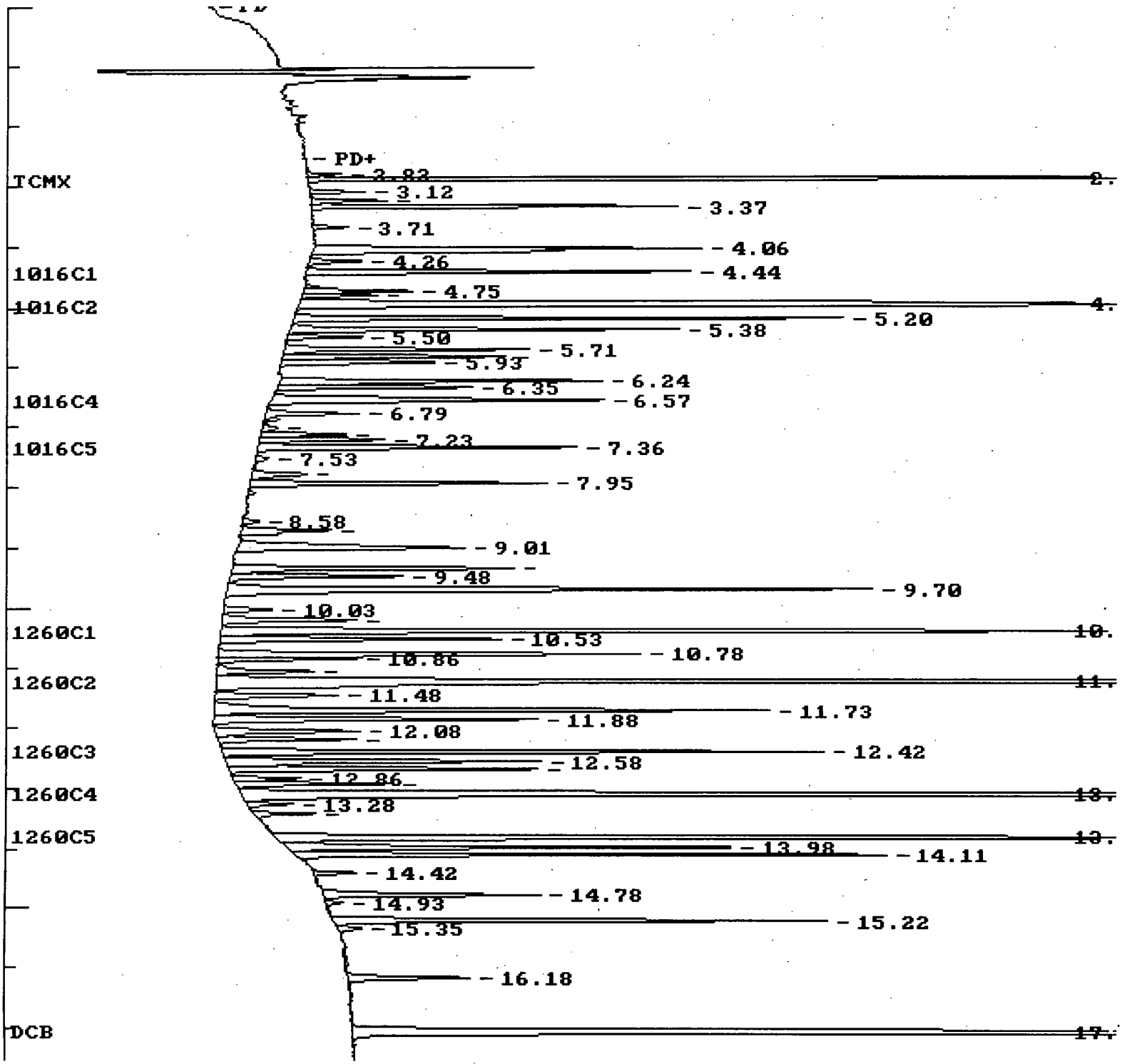
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	2.833		0.0000	0.0000%	14428	6609	2.2	2			0.0000E+00
2	2.908	TCMX	0.0189	0.3822%	491216	222468	2.2	2	52	-.1142	3.8375E-08
3	3.117		0.0000	0.0000%	28778	10473	2.7	2			0.0000E+00
4	3.267		0.0000	0.0000%	36510	14518	2.5	2			0.0000E+00
5	3.367		0.0000	0.0000%	185043	69122	2.7	2			0.0000E+00
6	3.708		0.0000	0.0000%	18228	6731	2.7	1			0.0000E+00
7	4.058		0.0000	0.0000%	327591	72880	4.5	1			0.0000E+00
8	4.258		0.0000	0.0000%	37043	9956	3.7	2			0.0000E+00
9	4.442	1016C1	0.5092	10.3246%	237688	72265	3.3	2	52	0	2.1424E-06
11	4.750		0.0000	0.0000%	60296	20613	2.9	2			0.0000E+00
12	4.817		0.0000	0.0000%	40234	14213	2.8	2			0.0000E+00
13	4.975	1016C2	0.4724	9.5787%	797185	169445	4.7	2	52	-.1624	5.9264E-07
14	5.200	1016C3	0.4958	10.0533%	321542	102844	3.1	2	52	-.1181	1.5421E-06
15	5.375		0.0000	0.0000%	232858	73105	3.2	2			0.0000E+00
16	5.500		0.0000	0.0000%	43236	14046	3.1	2			0.0000E+00
17	5.708		0.0000	0.0000%	156654	45927	3.4	2			0.0000E+00
18	5.833		0.0000	0.0000%	135356	41726	3.2	2			0.0000E+00
19	5.925		0.0000	0.0000%	121418	28607	4.2	2			0.0000E+00
20	6.242		0.0000	0.0000%	212553	60506	3.5	2			0.0000E+00
21	6.350		0.0000	0.0000%	134481	36678	3.7	2			0.0000E+00
22	6.567	1016C4	0.5042	10.2224%	295750	62655	4.7	1	52	-.1842	1.7048E-06
23	6.792		0.0000	0.0000%	63968	17611	3.6	3			0.0000E+00
25	7.033		0.0000	0.0000%	12728	3118	4.1	2			0.0000E+00
26	7.142		0.0000	0.0000%	56792	16032	3.5	2			0.0000E+00
27	7.225		0.0000	0.0000%	83278	23536	3.5	2			0.0000E+00
28	7.358	1016C5	0.5077	10.2935%	226364	59941	3.8	2	52	0	2.2428E-06
29	7.533		0.0000	0.0000%	13027	2632	4.9	2			0.0000E+00
30	7.800		0.0000	0.0000%	50217	10342	4.9	2			0.0000E+00
31	7.950		0.0000	0.0000%	206004	55713	3.7	2			0.0000E+00
33	8.575		0.0000	0.0000%	11557	3080	3.8	2			0.0000E+00
34	8.725		0.0000	0.0000%	60893	16880	3.6	2			0.0000E+00
35	9.008		0.0000	0.0000%	215893	42480	5.1	1			0.0000E+00
36	9.350		0.0000	0.0000%	200593	52801	3.8	2			0.0000E+00
37	9.483		0.0000	0.0000%	132892	32428	4.1	2			0.0000E+00
38	9.700		0.0000	0.0000%	519238	120528	4.3	2			0.0000E+00
39	10.033		0.0000	0.0000%	37134	9185	4.0	2			0.0000E+00
40	10.208		0.0000	0.0000%	102742	25097	4.1	2			0.0000E+00
41	10.383	1260C1	0.4844	9.8214%	631878	165815	3.8	2	52	0	7.6662E-07
42	10.525		0.0000	0.0000%	208855	52700	4.0	2			0.0000E+00
43	10.775		0.0000	0.0000%	320227	79220	4.0	2			0.0000E+00
44	10.858		0.0000	0.0000%	85923	26077	3.3	2			0.0000E+00
45	11.075		0.0000	0.0000%	76864	18331	4.2	2			0.0000E+00
46	11.233	1260C2	0.4630	9.3876%	1003186	219916	4.6	2	52	0	4.6154E-07
47	11.475		0.0000	0.0000%	93674	23011	4.1	2			0.0000E+00

48	11.725		0.0000	0.0000%	429773	103809	4.1	2			0.0000E+00
49	11.883		0.0000	0.0000%	241833	60575	4.0	2			0.0000E+00
50	12.083		0.0000	0.0000%	110711	26960	4.1	2			0.0000E+00
51	12.208		0.0000	0.0000%	95033	26025	3.7	2			0.0000E+00
52	12.417	1260C3	0.4922	9.9800%	401638	112256	3.6	2	52	0	1.2256E-06
53	12.575		0.0000	0.0000%	213227	58998	3.6	2			0.0000E+00
54	12.700		0.0000	0.0000%	230475	57682	4.0	2			0.0000E+00
55	12.858		0.0000	0.0000%	40282	12434	3.2	2			0.0000E+00
56	12.942		0.0000	0.0000%	99801	29433	3.4	2			0.0000E+00
57	13.108	1260C4	0.4729	9.5881%	1446433	443191	3.3	2	52	0	3.2694E-07
58	13.283		0.0000	0.0000%	28022	8622	3.3	2			0.0000E+00
59	13.433		0.0000	0.0000%	39012	11595	3.4	1			0.0000E+00
60	13.817	1260C5	0.4700	9.5294%	653121	184379	3.5	2	52	0	7.1963E-07
61	13.983		0.0000	0.0000%	272617	82923	3.3	2			0.0000E+00
62	14.108		0.0000	0.0000%	333102	109962	3.0	2			0.0000E+00
63	14.417		0.0000	0.0000%	24483	7856	3.1	1			0.0000E+00
64	14.783		0.0000	0.0000%	150297	40797	3.7	2			0.0000E+00
65	14.925		0.0000	0.0000%	11941	3294	3.6	2			0.0000E+00
66	15.217		0.0000	0.0000%	321661	92177	3.5	2			0.0000E+00
67	15.350		0.0000	0.0000%	18540	4457	4.2	2			0.0000E+00
69	16.183		0.0000	0.0000%	90302	22979	3.9	1			0.0000E+00
70	17.058	DCB	0.0414	0.8386%	1127628	264134	4.3	1	70	0	3.6678E-08

TOTAL AMOUNT = 4.9322

Areas, times, and heights stored in: O:55PCD181.ATB
Data File = O:55PCD181.PTS Printed on 08-20-1998 at 20:24:35
Start time: 0.00 min. Stop time: 17.50 min. Offset: -99 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-20-1998 20:24:39 Version 5.1.5 **********

* Sample Name: AR1254 0.5, PC051D Data File: O:55PCD182 *

* Date: 08-20-1998 02:05:11 Method: O:55PCD3 08-16-1998 10:15:58 # 3197*

* Interface: 4 Cycle#: 182 Operator TMC Channel#: 0 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

Starting Delay: 0.00 Ending retention time: 17.50

Area reject: 2000 One sample per 0.500 sec.

Amount injected: 1.00 Dilution factor: 1.00

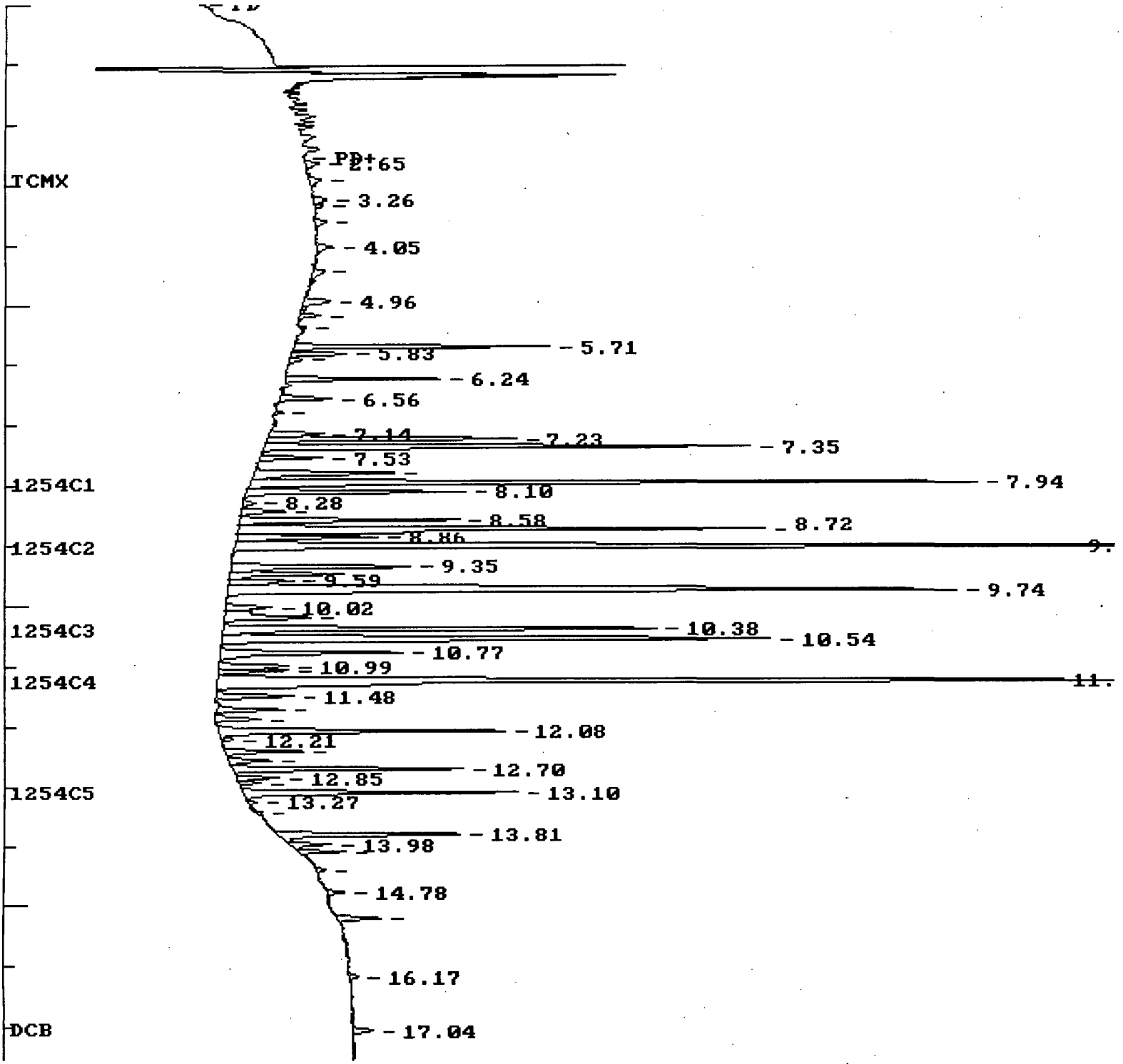
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	2.650		0.0000	0.0000%	13460	2596	5.2	1			0.0000E+00
2	2.917	TCMX	0.0006	0.0254%	16100	2441	6.6	1	52	0	3.8375E-08
3	3.258		0.0000	0.0000%	11978	2635	4.5	2			0.0000E+00
4	3.358		0.0000	0.0000%	6110	1708	3.6	2			0.0000E+00
5	3.633		0.0000	0.0000%	10930	2061	5.3	1			0.0000E+00
6	4.050		0.0000	0.0000%	15676	3196	4.9	1			0.0000E+00
7	4.458		0.0000	0.0000%	17028	2102	8.1	1			0.0000E+00
8	4.958		0.0000	0.0000%	27908	4836	5.8	2			0.0000E+00
9	5.192		0.0000	0.0000%	15676	3898	4.0	2			0.0000E+00
10	5.383		0.0000	0.0000%	2228	894	2.5	1			0.0000E+00
11	5.708		0.0000	0.0000%	152920	48171	3.2	2			0.0000E+00
12	5.825		0.0000	0.0000%	31790	10491	3.0	2			0.0000E+00
13	5.917		0.0000	0.0000%	10718	2460	4.4	2			0.0000E+00
14	6.242		0.0000	0.0000%	92215	28963	3.2	1			0.0000E+00
15	6.558		0.0000	0.0000%	38034	10006	3.8	1			0.0000E+00
16	6.783		0.0000	0.0000%	5080	1638	3.1	1			0.0000E+00
17	7.142		0.0000	0.0000%	32499	10162	3.2	2			0.0000E+00
18	7.225		0.0000	0.0000%	161663	46701	3.5	2			0.0000E+00
19	7.350		0.0000	0.0000%	329864	91040	3.6	2			0.0000E+00
20	7.533		0.0000	0.0000%	40298	11858	3.4	2			0.0000E+00
21	7.792		0.0000	0.0000%	115714	26260	4.4	2			0.0000E+00
22	7.942	1254C1	0.4834	19.8415%	514536	135736	3.8	2	52	-.2085	9.3956E-07
23	8.100		0.0000	0.0000%	149677	41018	3.6	2			0.0000E+00
24	8.283		0.0000	0.0000%	11047	2446	4.5	2			0.0000E+00
25	8.425		0.0000	0.0000%	34688	8288	4.2	2			0.0000E+00
26	8.575		0.0000	0.0000%	151975	41191	3.7	2			0.0000E+00
27	8.717		0.0000	0.0000%	378224	98608	3.8	2			0.0000E+00
28	8.858		0.0000	0.0000%	99367	26585	3.7	2			0.0000E+00
29	9.008	1254C2	0.4663	19.1362%	734073	188919	3.9	2	52	-.0947	6.3516E-07
30	9.350		0.0000	0.0000%	135196	33625	4.0	2			0.0000E+00
31	9.475		0.0000	0.0000%	86034	21257	4.0	2			0.0000E+00
32	9.592		0.0000	0.0000%	44009	12148	3.6	2			0.0000E+00
33	9.742		0.0000	0.0000%	726543	136402	5.3	2			0.0000E+00
34	10.025		0.0000	0.0000%	37608	8733	4.3	2			0.0000E+00
35	10.192		0.0000	0.0000%	86900	16169	5.4	2			0.0000E+00
36	10.375	1254C3	0.5029	20.6410%	310176	81151	3.8	2	52	-.1198	1.6214E-06
37	10.542		0.0000	0.0000%	485981	102512	4.7	2			0.0000E+00
38	10.767		0.0000	0.0000%	141558	34114	4.1	2			0.0000E+00
39	10.992		0.0000	0.0000%	49176	13175	3.7	2			0.0000E+00
40	11.067		0.0000	0.0000%	49622	13237	3.7	2			0.0000E+00
41	11.225	1254C4	0.4757	19.5238%	790191	167605	4.7	2	52	-.1163	6.0200E-07
42	11.483		0.0000	0.0000%	57722	14495	4.0	2			0.0000E+00
43	11.717		0.0000	0.0000%	48557	12607	3.9	1			0.0000E+00
44	11.875		0.0000	0.0000%	31969	8450	3.8	1			0.0000E+00

45	12.075		0.0000	0.0000%	217076	53707	4.0	3			0.0000E+00
46	12.208		0.0000	0.0000%	7150	2165	3.3	4			0.0000E+00
47	12.408		0.0000	0.0000%	54288	14708	3.7	2			0.0000E+00
48	12.558		0.0000	0.0000%	28025	8207	3.4	2			0.0000E+00
49	12.700		0.0000	0.0000%	155477	43119	3.6	2			0.0000E+00
50	12.850		0.0000	0.0000%	27640	8154	3.4	2			0.0000E+00
51	12.942		0.0000	0.0000%	12713	4221	3.0	2			0.0000E+00
52	13.100	1254C5	0.5070	20.8086%	173658	51371	3.4	2	52	0	2.9195E-06
53	13.267		0.0000	0.0000%	4985	1582	3.2	2			0.0000E+00
54	13.433		0.0000	0.0000%	2936	917	3.2	1			0.0000E+00
55	13.808		0.0000	0.0000%	121280	33860	3.6	2			0.0000E+00
56	13.975		0.0000	0.0000%	24480	7457	3.3	2			0.0000E+00
57	14.092		0.0000	0.0000%	26332	8421	3.1	2			0.0000E+00
58	14.400		0.0000	0.0000%	5850	1716	3.4	1			0.0000E+00
59	14.775		0.0000	0.0000%	10412	3232	3.2	1			0.0000E+00
60	15.208		0.0000	0.0000%	31261	8453	3.7	1			0.0000E+00
61	16.167		0.0000	0.0000%	7834	1724	4.5	1			0.0000E+00
62	17.042	DCB	0.0006	0.0236%	15649	3676	4.3	1	22	.1550	3.6678E-08

TOTAL AMOUNT = 2.4365

Areas, times, and heights stored in: O:55PCD182.ATB
Data File = O:55PCD182.PTS Printed on 08-20-1998 at 20:24:41
Start time: 0.00 min. Stop time: 17.50 min. Offset: -99 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-20-1998 20:24:45 Version 5.1.5 **********

* Sample Name: AR1242 0.5, PC055D Data File: O:55PCD183 *
* Date: 08-20-1998 02:25:48 Method: O:55PCD4 08-16-1998 10:19:20 # 4206*
* Interface: 4 Cycle#: 183 Operator TMC Channel#: 0 Vial#: N.A. *
* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

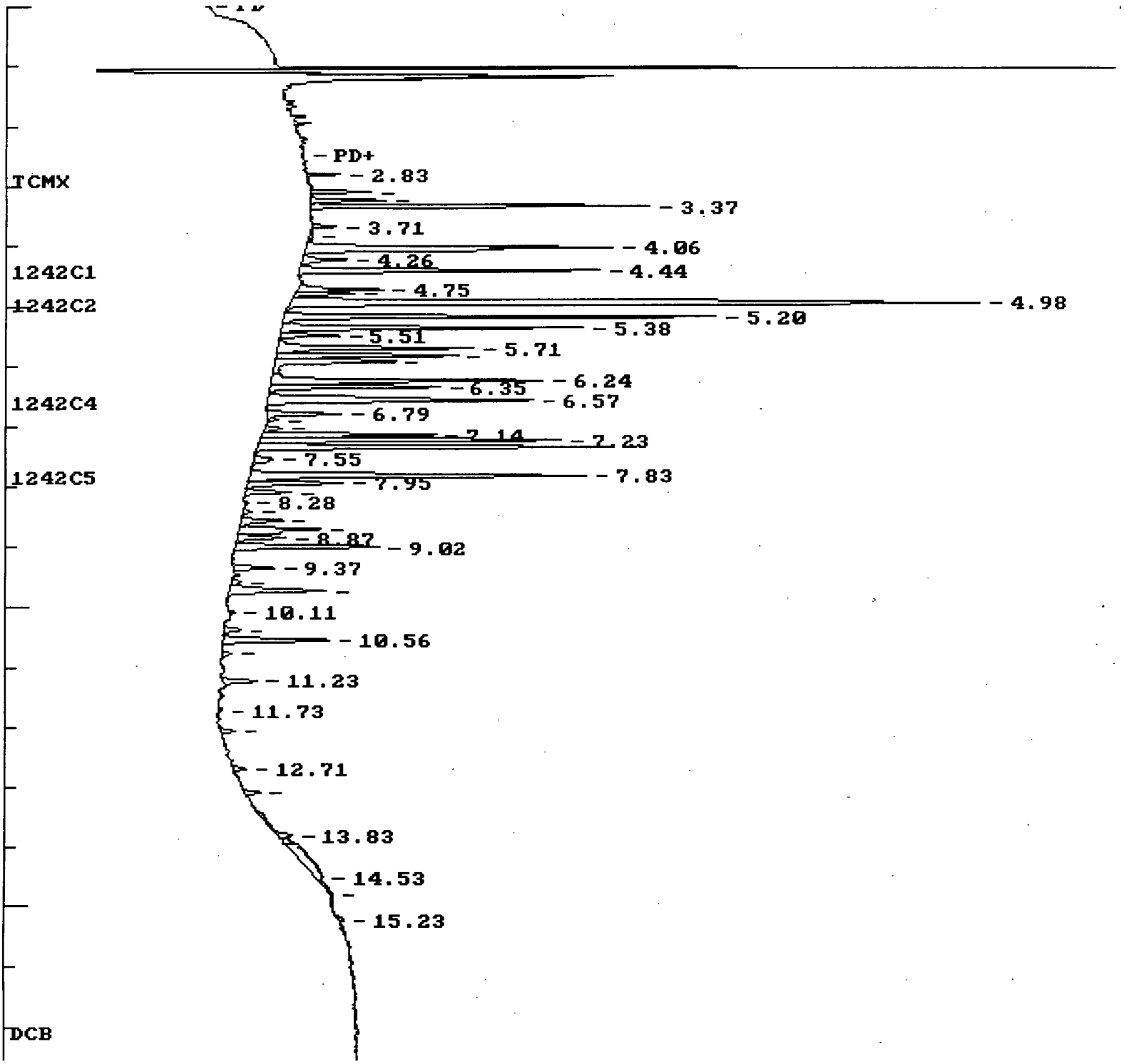
Starting Delay: 0.00 Ending retention time: 17.50
Area reject: 2000 One sample per 0.500 sec.
Amount injected: 1.00 Dilution factor: 1.00
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	2.833		0.0000	0.0000%	13637	6389	2.1	1			0.0000E+00
2	3.125		0.0000	0.0000%	30952	11352	2.7	2			0.0000E+00
3	3.267		0.0000	0.0000%	34471	14273	2.4	2			0.0000E+00
4	3.367		0.0000	0.0000%	166555	63652	2.6	2			0.0000E+00
5	3.708		0.0000	0.0000%	12174	4675	2.6	2			0.0000E+00
6	3.875		0.0000	0.0000%	6161	822	7.5	2			0.0000E+00
7	4.058		0.0000	0.0000%	262357	57712	4.5	2			0.0000E+00
8	4.258		0.0000	0.0000%	33891	8365	4.1	2			0.0000E+00
9	4.442	1242C1	0.5311	20.5360%	188386	56414	3.3	2	0	-.1872	2.8190E-06
10	4.750		0.0000	0.0000%	51545	16171	3.2	2			0.0000E+00
11	4.817		0.0000	0.0000%	33139	11352	2.9	2			0.0000E+00
12	4.975	1242C2	0.4970	19.2187%	609356	129017	4.7	2	0	-.3338	8.1561E-07
13	5.200	1242C3	0.5285	20.4353%	257201	80863	3.2	2	0	-.3095	2.0546E-06
14	5.375		0.0000	0.0000%	184854	56624	3.3	2			0.0000E+00
15	5.508		0.0000	0.0000%	35764	11096	3.2	2			0.0000E+00
16	5.708		0.0000	0.0000%	134613	36814	3.7	2			0.0000E+00
17	5.833		0.0000	0.0000%	113025	34019	3.3	2			0.0000E+00
18	5.925		0.0000	0.0000%	105026	22581	4.7	2			0.0000E+00
19	6.242		0.0000	0.0000%	188582	51004	3.7	2			0.0000E+00
20	6.350		0.0000	0.0000%	118978	31811	3.7	2			0.0000E+00
21	6.567	1242C4	0.5226	20.2104%	237471	49760	4.8	2	0	-.3714	2.2008E-06
22	6.792		0.0000	0.0000%	50479	14068	3.6	3			0.0000E+00
23	6.892		0.0000	0.0000%	5445	2119	2.6	4			0.0000E+00
24	7.042		0.0000	0.0000%	11257	3320	3.4	2			0.0000E+00
25	7.142		0.0000	0.0000%	112059	32483	3.4	2			0.0000E+00
26	7.233		0.0000	0.0000%	196196	56519	3.5	2			0.0000E+00
27	7.342		0.0000	0.0000%	246656	66830	3.7	2			0.0000E+00
28	7.550		0.0000	0.0000%	20969	3703	5.7	2			0.0000E+00
29	7.825	1242C5	0.5068	19.5995%	268778	63114	4.3	2	0	-.2854	1.8857E-06
30	7.950		0.0000	0.0000%	70399	17913	3.9	2			0.0000E+00
31	8.108		0.0000	0.0000%	32049	8726	3.7	2			0.0000E+00
32	8.283		0.0000	0.0000%	2280	732	3.1	1			0.0000E+00
33	8.433		0.0000	0.0000%	6402	1849	3.5	1			0.0000E+00
34	8.583		0.0000	0.0000%	32269	8016	4.0	2			0.0000E+00
35	8.725		0.0000	0.0000%	62547	15489	4.0	2			0.0000E+00
36	8.867		0.0000	0.0000%	35362	9204	3.8	2			0.0000E+00
37	9.017		0.0000	0.0000%	105499	26951	3.9	2			0.0000E+00
38	9.367		0.0000	0.0000%	27547	7640	3.6	1			0.0000E+00
39	9.600		0.0000	0.0000%	6287	1856	3.4	2			0.0000E+00
40	9.750		0.0000	0.0000%	79505	18084	4.4	2			0.0000E+00
41	10.108		0.0000	0.0000%	3564	1102	3.2	1			0.0000E+00
42	10.392		0.0000	0.0000%	12363	3101	4.0	2			0.0000E+00
43	10.558		0.0000	0.0000%	81596	19789	4.1	2			0.0000E+00
44	10.775		0.0000	0.0000%	9152	1949	4.7	2			0.0000E+00

45	11.233	0.0000	0.0000%	23039	6176	3.7	1	0.0000E+00
46	11.733	0.0000	0.0000%	3051	772	4.0	1	0.0000E+00
47	12.083	0.0000	0.0000%	10476	2703	3.9	1	0.0000E+00
48	12.708	0.0000	0.0000%	9045	2426	3.7	1	0.0000E+00
49	13.108	0.0000	0.0000%	8934	2827	3.2	1	0.0000E+00
50	13.825	0.0000	0.0000%	21973	2713	8.1	2	0.0000E+00
51	14.525	0.0000	0.0000%	76261	1450	52.6	2	0.0000E+00
52	14.792	0.0000	0.0000%	7812	548	14.2	2	0.0000E+00
53	15.225	0.0000	0.0000%	4839	1083	4.5	1	0.0000E+00

TOTAL AMOUNT = 2.5860

Areas, times, and heights stored in: O:55PCD183.ATB
Data File = O:55PCD183.PTS Printed on 08-20-1998 at 20:24:47
Start time: 0.00 min. Stop time: 17.50 min. Offset: -99 mv.
Full Range: 200 millivolts



O:54PCBEXT.PRN

CYCLE	SAMPLE NAME	METHOD	DATA FILE	DILUTION FACTOR
[redacted]		Z8082ARB	54PCB	1
[redacted]98		Z8082ARB	54PCB	1
3	AR2148 .05 PC045D	Z8082ARB	54PCB	1
4	AR1660 .05 PC038D	Z8082ARB	54PCB	1
5	AR1254 .05 PC049D	Z8082ARB	54PCB	1
6	AR1242 .05 PC053D	Z8082ARB	54PCB	1
7	AR2148 0.1 PC046D	Z8082ARB	54PCB	1
8	AR1660 0.1 PC039D	Z8082ARB	54PCB	1
9	AR1254 0.1 PC050D	Z8082ARB	54PCB	1
10	AR1242 0.1 PC054D	Z8082ARB	54PCB	1
11	AR2148 0.5 PC047D	Z8082ARB	54PCB	1
12	AR1660 0.5 PC040D	Z8082ARB	54PCB	1
13	AR1254 0.5 PC051D	Z8082ARB	54PCB	1
14	AR1242 0.5 PC055D	Z8082ARB	54PCB	1
15	AR2148 1.0 PC048D	Z8082ARB	54PCB	1
16	AR1660 1.0 PC041D	Z8082ARB	54PCB	1
17	AR1254 1.0 PC052D	Z8082ARB	54PCB	1
18	AR1242 1.0 PC056D	Z8082ARB	54PCB	1
19	AR2148 1.2 PC042D	Z8082ARB	54PCB	1
20	AR1660 1.2 PC037D	Z8082ARB	54PCB	1
21	AR1254 1.2 PC043D	Z8082ARB	54PCB	1
22	AR1242 1.2 PC044D	Z8082ARB	54PCB	1
[redacted]NE		Z8082ARB	54PCB	1 TMO 08/25/98
24	ICV	Z8082ARB	54PCB	1
[redacted]1D		Z8082ARB	54PCB	1
[redacted]D		Z8082ARB	54PCB	1
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[redacted]	Z8082ARB	54PCB	1
[redacted]	Z8082ARB	54PCB	1
90 AR2148 0.5, PC047D	Z8082ARB	54PCB	1
91 AR1660 0.5, PC040D	Z8082ARB	54PCB	1
92 AR1254 0.5, PC051D	Z8082ARB	54PCB	1
93 AR1242 0.5, PC055D *OK*	Z8082ARB	54PCB	1
[redacted]-1A 89729 HG/ACI	Z8082ARB	54PCB	1
[redacted]	Z8082ARB	54PCB	1
96 [redacted]	Z8082ARB	54PCB	1
97 EEI/13219 91984 HG/ACID RE-EXTRACT	Z8082ARB	54PCB	1
98 AR2148 0.5, PC047D	Z8082ARB	54PCB	1
99 AR1660 0.5, PC040D	Z8082ARB	54PCB	1
100 AR1254 0.5, PC051D	Z8082ARB	54PCB	1
101 AR1242 0.5, PC055D	Z8082ARB	54PCB	1
102 AR2148 0.5, PC047D	Z8082ARB	54PCB	1
103 AR1660 0.5, PC040D	Z8082ARB	54PCB	1
104 AR1254 0.5, PC051D	Z8082ARB	54PCB	1
105 AR1242 0.5, PC055D	Z8082ARB	54PCB	1

NOT USED (102–105)

RUN STOP ERROR OCCURED DUE TO CONTINUOUS POWER SURGES THROUGHOUT THE DAY

END OF SEQUENCE

Method file name: O:54PCB1
Default Sample Name: 2
Operator: TMC
Date-time: 08-21-1998 18:56:57 version: 4593

ACQUISITION PARAMETERS

SINGLE OR DUAL CHANNEL (1 OR 2)	1.00
RUN TIME (minutes)	18.50
END TIME FOR PLOTS (default=RUN TIME)	18.50
SOLVENT DELAY TIME (minutes)	0.00
PEAK DETECTION THRESHOLD (microv/sec)	15.00
Area Threshold	1000.00
MINIMUM PEAK WIDTH (seconds)	5.00
TIME FOR ONE SAMPLE (seconds)	0.50
NUMBER OF REAL TIME CRT PAGES TO PLOT (0 TO 99)	1.00
REAL TIME PLOT FULL SCALE FOR CH.0 (millivolts)	200.00
REAL TIME FULL SCALE FOR CH.1 (millivolts)	200.00
HARD COPY REAL TIME PLOT	NO
AUTO ZERO REAL TIME PLOT	NO
RECORD AREA TABLES ON DISK	NO
RECORD RAW DATA	NO
NUMBER OF CRT PAGES FOR REPLOT (1 TO 99)	2.00
VERTICAL SCALE FACTOR FOR REPLOT (units of largest peak)	0.00
OFFSET FOR THE REPLOT (millivolts)	-50.00
PUT NAMES ON REPLOT?	YES
Horizontal Plotting?	NO
Formfeed after report	YES
Formfeed after plot	YES
PRINT AREA PERCENT REPORT	NO
PRINT EXTERNAL STANDARD REPORT	YES
PRINT INTERNAL STANDARD REPORT	NO
FINAL REPORT AREA REJECT (microvolt-sec)	3000.00
LINK TO USER PROGRAM	NO
FULL SCALE RANGE FOR A.D.C. (3=1VOLT, 1=2VOLT, 0=10VOLT)	0.00
AREA REJECT FOR REFERENCE PEAKS?	20000.00
% RET TIME WINDOW FOR REFERENCE PEAKS	1.00
RET TIME WINDOW IN SECONDS FOR REF. PEAKS	10.00
AREA OR PEAK HEIGHT QUANTITATION (0 OR 1)	0.00
PRINT GROUP REPORT	NO
NUMBER OF CALIBRATION LEVELS (1 TO 6)	5.00
LIST COMPONENTS NOT FOUND IN SAMPLE?	NO
INCLUDE UNKNOWN PEAKS IN REPORTS?	YES
UPDATE RESPONSE FACTORS WITH REPLACEMENT (0) OR AVERAGE (1)	1.00
DEFAULT DILUTION FACTOR	1.00
DEFAULT SAMPLE WEIGHT	1.00
DEFAULT AMOUNT INJECTED	1.00
DEFAULT AMOUNT OF INTERNAL STANDARD	0.00
PRINT GPC MW DISTRIBUTION	NO
PRINT SIMULATED DISTILLATION REPORT	NO

Response factor for unknowns= 0.0000E+00
Component Units = ug/ml

1 TCMX Ret. Time = 2.74 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 1.8%

AREA = 3.4011D+07 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9909

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	60781	0.00208	0.00000003
2	125017	0.00417	0.00000003
3	600840	0.02080	0.00000003
4	1370837	0.04170	0.00000003
5	1786225	0.05000	0.00000003

2 1221C1 Ret. Time = 2.90 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 1.7%
AREA = 2.5557D+05 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9995

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	14109	0.05000	0.00000354
2	27701	0.10000	0.00000361
3	129651	0.50000	0.00000386
4	251517	1.00000	0.00000398
5	309049	1.20000	0.00000388

3 1221C2 Ret. Time = 3.02 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 1.6%
AREA = 1.7113D+05 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9987

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	11621	0.05000	0.00000430
2	20929	0.10000	0.00000478
3	88191	0.50000	0.00000567
4	168560	1.00000	0.00000593
5	205949	1.20000	0.00000583

4 1221C3 Ret. Time = 3.11 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 1.6%
AREA = 7.0195D+05 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9991

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	41118	0.05000	0.00000122
2	79385	0.10000	0.00000126
3	348916	0.50000	0.00000143
4	687729	1.00000	0.00000145
5	854038	1.20000	0.00000141

5 1248C1 Ret. Time = 4.14 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 1.1%
AREA = 2.7445D+05 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9992

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	14081	0.05000	0.00000355
2	35377	0.10000	0.00000283
3	136176	0.50000	0.00000367
4	273193	1.00000	0.00000366
5	330153	1.20000	0.00000363

6 1248C2 Ret. Time = 4.69 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 0.9%
AREA = 1.5458D+06 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9976

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	76477	0.05000	0.00000065
2	160029	0.10000	0.00000062

3	720888	0.50000	0.00000069
4	1511906	1.00000	0.00000066
5	1904492	1.20000	0.00000063

7 1248C3 Ret. Time = 5.92 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 0.8%
AREA = 7.2592D+05 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9997

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	37513	0.05000	0.00000133
2	84604	0.10000	0.00000118
3	360256	0.50000	0.00000139
4	724312	1.00000	0.00000138
5	872517	1.20000	0.00000138

8 1248C4 Ret. Time = 7.01 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 0.8%
AREA = 1.1605D+06 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9779

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	59860	0.05000	0.00000084
2	121344	0.10000	0.00000082
3	593933	0.50000	0.00000084
4	1018290	1.00000	0.00000098
5	1504814	1.20000	0.00000080

8.3%

9 1248C5 Ret. Time = 7.43 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 0.7%
AREA = 1.4166D+06 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9984

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	66522	0.05000	0.00000075
2	137197	0.10000	0.00000073
3	674920	0.50000	0.00000074
4	1386914	1.00000	0.00000072
5	1739142	1.20000	0.00000069

10 DCB Ret. Time = 16.71 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 0.3%
AREA = 3.4968D+07 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9942

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	136867	0.00417	0.00000003
2	272792	0.00833	0.00000003
3	1284914	0.04170	0.00000003
4	2833665	0.08330	0.00000003
5	3636982	0.10000	0.00000003

Ev#	Time	Event	Description
1	0.00	PD-	Peak Detection (on/off)
2	2.25	PD+	Peak Detection (on/off)
3	2.83	HF+	Project Horizontal baseline Forward
4	3.50	HF-	Project Horizontal baseline Forward

********** AUTOMATIC CALIBRATION UPDATE **********

Sample Name: AR2148 .05 PC045D
Operator: TMC Date Taken: 08-21-1998 09:45:37
Date: 08-21-1998 Time: 18:52:58
Interface: 2 Cycle: 3
Method: O:54PCB1 Channel: 1
Vial: 0 Level 1
Today's Date: 08-21-1998 Time: 18:52:58
1 Area table file used in measured average:
O:54PCB3
Start delay: 0.00
Area reject: 3000.00 One sample per .5 sec.
Amount injected: 1.00 Std. Amt. Injected: 1.00

EXTERNAL STANDARD CALIBRATION

COMP NUM	NAME	OLD RET.TIME	MEASURED RET.TIME	NEW RET.TIME	OLD AREA	MEASURED AREA	NEW AREA
2	1221C1	2.89	2.89	2.89	235666	14109	14109
3	1221C2	3.02	3.02	3.02	157778	11621	11621
4	1221C3	3.11	3.11	3.11	634991	41118	41118
5	1248C1	4.14	4.14	4.14	248471	14081	14081
6	1248C2	4.70	4.69	4.69	1354881	76477	76477
7	1248C3	5.92	5.92	5.92	651295	37513	37513
8	1248C4	7.01	7.00	7.00	1098245	59860	59860
9	1248C5	7.43	7.43	7.43	1242270	66522	66522

********** Peaks Not Found In This Calibration. No Changes Made. **********

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
TCMX	2.74	DCB
DCB	16.70	DCB

Method O:54PCB1 updated on disk. 08-21-1998 18:52:58 version: 4588

********** AUTOMATIC CALIBRATION UPDATE **********

Sample Name: AR2148 0.1 PC046D
Operator: TMC Date Taken: 08-21-1998 11:09:14
Date: 08-21-1998 Time: 18:53:01
Interface: 2 Cycle: 7
Method: O:54PCB1 Channel: 1
Vial: 0 Level 2
Today's Date: 08-21-1998 Time: 18:53:01
1 Area table file used in measured average:
O:54PCB7
Start delay: 0.00
Area reject: 3000.00 One sample per .5 sec.
Amount injected: 1.00 Std. Amt. Injected: 1.00

EXTERNAL STANDARD CALIBRATION

COMP NUM	NAME	OLD RET.TIME	MEASURED RET.TIME	NEW RET.TIME	OLD AREA	MEASURED AREA	NEW AREA
2	1221C1	2.89	2.89	2.89	235666	27701	27701
3	1221C2	3.02	3.02	3.02	157778	20929	20929
4	1221C3	3.11	3.11	3.11	634991	79385	79385
5	1248C1	4.14	4.14	4.14	248471	35377	35377
6	1248C2	4.69	4.69	4.69	1354881	160029	160029
7	1248C3	5.92	5.92	5.92	651295	84604	84604

8	1248C4	7.00	7.00	7.00	1098245	121344	121344
9	1248C5	7.43	7.43	7.43	1242270	137197	137197

********** Peaks Not Found In This Calibration. No Changes Made. **********

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
TCMX	2.74	DCB
DCB	16.70	DCB

Method O:54PCB1 updated on disk. 08-21-1998 18:53:02 version: 4589

********** AUTOMATIC CALIBRATION UPDATE **********

Sample Name: AR2148 0.5 PC047D
Operator: TMC Date Taken: 08-21-1998 12:32:56
Date: 08-21-1998 Time: 18:53:05
Interface: 2 Cycle: 11
Method: O:54PCB1 Channel: 1
Vial: 0 Level 3
Today's Date: 08-21-1998 Time: 18:53:05
1 Area table file used in measured average:
O:54PCB11
Start delay: 0.00
Area reject: 3000.00 One sample per .5 sec.
Amount injected: 1.00 Std. Amt. Injected: 1.00

EXTERNAL STANDARD CALIBRATION

COMP NUM	NAME	OLD RET.TIME	MEASURED RET.TIME	NEW RET.TIME	OLD AREA	MEASURED AREA	NEW AREA
2	1221C1	2.89	2.90	2.90	235666	129651	129651
3	1221C2	3.02	3.03	3.02	157778	88191	88191
4	1221C3	3.11	3.11	3.11	634991	348916	348916
5	1248C1	4.14	4.14	4.14	248471	136176	136176
6	1248C2	4.69	4.70	4.70	1354881	720888	720888
7	1248C3	5.92	5.92	5.92	651295	360256	360256
8	1248C4	7.00	7.01	7.00	1098245	593933	593933
9	1248C5	7.43	7.43	7.43	1242270	674920	674920

********** Peaks Not Found In This Calibration. No Changes Made. **********

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
TCMX	2.74	DCB
DCB	16.70	DCB

Method O:54PCB1 updated on disk. 08-21-1998 18:53:05 version: 4590

********** AUTOMATIC CALIBRATION UPDATE **********

Sample Name: AR2148 1.0 PC048D
Operator: TMC Date Taken: 08-21-1998 13:56:33
Date: 08-21-1998 Time: 18:53:09
Interface: 2 Cycle: 15
Method: O:54PCB1 Channel: 1
Vial: 0 Level 4
Today's Date: 08-21-1998 Time: 18:53:09
1 Area table file used in measured average:
O:54PCB15
Start delay: 0.00
Area reject: 3000.00 One sample per .5 sec.
Amount injected: 1.00 Std. Amt. Injected: 1.00

EXTERNAL STANDARD CALIBRATION

COMP	OLD	MEASURED	NEW	OLD	MEASURED	NEW

NUM	NAME	RET.TIME	RET.TIME	RET.TIME	AREA	AREA	AREA
2	1221C1	2.90	2.89	2.89	235666	251517	251517
3	1221C2	3.02	3.02	3.02	157778	168560	168560
4	1221C3	3.11	3.11	3.11	634991	687729	687729
5	1248C1	4.14	4.14	4.14	248471	273193	273193
6	1248C2	4.70	4.69	4.69	1354881	1511906	1511906
7	1248C3	5.92	5.92	5.92	651295	724312	724312
8	1248C4	7.00	7.00	7.00	1098245	1018290	1018290
9	1248C5	7.43	7.43	7.43	1242270	1386914	1386914

********** Peaks Not Found In This Calibration. No Changes Made. **********

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
TCMX	2.74	DCB
DCB	16.70	DCB

Method O:54PCB1 updated on disk. 08-21-1998 18:53:09 version: 4591

********** AUTOMATIC CALIBRATION UPDATE **********

Sample Name: AR2148 1.2 PC042D
Operator: TMC Date Taken: 08-21-1998 15:20:24
Date: 08-21-1998 Time: 18:53:14
Interface: 2 Cycle: 19
Method: O:54PCB1 Channel: 1
Vial: 0 Level 5
Today's Date: 08-21-1998 Time: 18:53:14
1 Area table file used in measured average:
O:54PCB19
Start delay: 0.00
Area reject: 3000.00 One sample per .5 sec.
Amount injected: 1.00 Std. Amt. Injected: 1.00

EXTERNAL STANDARD CALIBRATION

COMP NUM	NAME	OLD RET.TIME	MEASURED RET.TIME	NEW RET.TIME	OLD AREA	MEASURED AREA	NEW AREA
2	1221C1	2.89	2.90	2.90	235666	309049	309049
3	1221C2	3.02	3.02	3.02	157778	205949	205949
4	1221C3	3.11	3.11	3.11	634991	854038	854038
5	1248C1	4.14	4.14	4.14	248471	330153	330153
6	1248C2	4.69	4.69	4.69	1354881	1904492	1904492
7	1248C3	5.92	5.92	5.92	651295	872517	872517
8	1248C4	7.00	7.01	7.01	1098245	1504814	1504814
9	1248C5	7.43	7.43	7.43	1242270	1739142	1739142

********** Peaks Not Found In This Calibration. No Changes Made. **********

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
TCMX	2.74	DCB
DCB	16.70	DCB

Method O:54PCB1 updated on disk. 08-21-1998 18:53:15 version: 4592

Method file name: O:54PCB2
Default Sample Name: 2
Operator: TMC
Date-time: 08-21-1998 18:44:30 version: 4518

ACQUISITION PARAMETERS

SINGLE OR DUAL CHANNEL (1 OR 2)	1.00
RUN TIME (minutes)	17.25
END TIME FOR PLOTS (default=RUN TIME)	17.25
SOLVENT DELAY TIME (minutes)	0.00
PEAK DETECTION THRESHOLD (microv/sec)	15.00
Area Threshold	1000.00
MINIMUM PEAK WIDTH (seconds)	5.00
TIME FOR ONE SAMPLE (seconds)	0.50
NUMBER OF REAL TIME CRT PAGES TO PLOT (0 TO 99)	1.00
REAL TIME PLOT FULL SCALE FOR CH.0 (millivolts)	200.00
REAL TIME FULL SCALE FOR CH.1 (millivolts)	200.00
HARD COPY REAL TIME PLOT	NO
AUTO ZERO REAL TIME PLOT	NO
RECORD AREA TABLES ON DISK	NO
RECORD RAW DATA	NO
NUMBER OF CRT PAGES FOR REPLOT (1 TO 99)	2.00
VERTICAL SCALE FACTOR FOR REPLOT (units of largest peak)	0.00
OFFSET FOR THE REPLOT (millivolts)	-50.00
PUT NAMES ON REPLOT?	YES
Horizontal Plotting?	NO
Formfeed after report	YES
Formfeed after plot	YES
PRINT AREA PERCENT REPORT	NO
PRINT EXTERNAL STANDARD REPORT	YES
PRINT INTERNAL STANDARD REPORT	NO
FINAL REPORT AREA REJECT (microvolt-sec)	10000.00
LINK TO USER PROGRAM	NO
FULL SCALE RANGE FOR A.D.C. (3=1VOLT, 1=2VOLT, 0=10VOLT)	0.00
AREA REJECT FOR REFERENCE PEAKS?	20000.00
% RET TIME WINDOW FOR REFERENCE PEAKS	1.00
RET TIME WINDOW IN SECONDS FOR REF. PEAKS	10.00
AREA OR PEAK HEIGHT QUANTITATION (0 OR 1)	0.00
PRINT GROUP REPORT	NO
NUMBER OF CALIBRATION LEVELS (1 TO 6)	5.00
LIST COMPONENTS NOT FOUND IN SAMPLE?	NO
INCLUDE UNKNOWN PEAKS IN REPORTS?	YES
UPDATE RESPONSE FACTORS WITH REPLACEMENT (0) OR AVERAGE (1)	1.00
DEFAULT DILUTION FACTOR	1.00
DEFAULT SAMPLE WEIGHT	1.00
DEFAULT AMOUNT INJECTED	1.00
DEFAULT AMOUNT OF INTERNAL STANDARD	0.00
PRINT GPC MW DISTRIBUTION	NO
PRINT SIMULATED DISTILLATION REPORT	NO

Response factor for unknowns= 0.0000E+00
Component Units = ug/ml

1 TCMX Ret. Time = 2.74 min. Fit.type = 2
Ref. peak: 1260C3 Int Std: DCB Window size: 1.8%

AREA = 3.4011D+07 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9909

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	60781	0.00208	0.00000003
2	125017	0.00417	0.00000003
3	600840	0.02080	0.00000003
4	1370837	0.04170	0.00000003
5	1786225	0.05000	0.00000003

2 1016C1 Ret. Time = 4.14 min. Fit.type = 2
Ref. peak: 1260C3 Int Std: DCB Window size: 1.3%
AREA = 5.9181D+05 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9996

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	32359	0.05000	0.00000155
2	62149	0.10000	0.00000161
3	295822	0.50000	0.00000169
4	582732	1.00000	0.00000172
5	717409	1.20000	0.00000167

3 1016C2 Ret. Time = 4.70 min. Fit.type = 2
Ref. peak: 1260C3 Int Std: DCB Window size: 1.2%
AREA = 2.1775D+06 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9938

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	102119	0.05000	0.00000049
2	210161	0.10000	0.00000048
3	972005	0.50000	0.00000051
4	2098680	1.00000	0.00000048
5	2728151	1.20000	0.00000044

4 1016C3 Ret. Time = 4.91 min. Fit.type = 2
Ref. peak: 1260C3 Int Std: DCB Window size: 1.1%
AREA = 8.0826D+05 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9984

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	41598	0.05000	0.00000120
2	85906	0.10000	0.00000116
3	386208	0.50000	0.00000129
4	790186	1.00000	0.00000127
5	991965	1.20000	0.00000121

5 1016C4 Ret. Time = 5.92 min. Fit.type = 2
Ref. peak: 1260C3 Int Std: DCB Window size: 0.9%
AREA = 3.8533D+05 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9994

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	20491	0.05000	0.00000244
2	41919	0.10000	0.00000239
3	190309	0.50000	0.00000263
4	378579	1.00000	0.00000264
5	468680	1.20000	0.00000256

6 1016C5 Ret. Time = 6.22 min. Fit.type = 2
Ref. peak: 1260C3 Int Std: DCB Window size: 0.8%
AREA = 7.8727D+05 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9993

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	43081	0.05000	0.00000116
2	89761	0.10000	0.00000111

3	392432	0.50000	0.00000127
4	772856	1.00000	0.00000129
5	956159	1.20000	0.00000126

7 1260C1 Ret. Time = 10.11 min. Fit.type = 2
Ref. peak: 1260C3 Int Std: DCB Window size: 0.6%
AREA = 2.5035D+06 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9921

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	113616	0.05000	0.00000044
2	238491	0.10000	0.00000042
3	1097504	0.50000	0.00000046
4	2402463	1.00000	0.00000042
5	3154044	1.20000	0.00000038

8 1260C2 Ret. Time = 10.85 min. Fit.type = 2
Ref. peak: 1260C3 Int Std: DCB Window size: 0.5%
AREA = 2.5413D+06 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9877

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	109535	0.05000	0.00000046
2	222054	0.10000	0.00000045
3	1050425	0.50000	0.00000048
4	2437128	1.00000	0.00000041
5	3231474	1.20000	0.00000037

10%

9 1260C3 Ret. Time = 11.44 min. Fit.type = 2
Ref. peak: 1260C3 Int Std: DCB Window size: 0.5%
AREA = 8.8735D+05 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9991

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	47127	0.05000	0.00000106
2	95535	0.10000	0.00000105
3	435176	0.50000	0.00000115
4	868812	1.00000	0.00000115
5	1083124	1.20000	0.00000111

10 1260C4 Ret. Time = 12.82 min. Fit.type = 2
Ref. peak: 1260C3 Int Std: DCB Window size: 0.4%
AREA = 3.4022D+06 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9968

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	153903	0.05000	0.00000032
2	312622	0.10000	0.00000032
3	1542075	0.50000	0.00000032
4	3520980	1.00000	0.00000028
5	4052960	1.20000	0.00000030

11 1260C5 Ret. Time = 13.88 min. Fit.type = 2
Ref. peak: 1260C3 Int Std: DCB Window size: 0.4%
AREA = 6.9545D+05 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9991

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	38199	0.05000	0.00000131
2	78111	0.10000	0.00000128
3	344207	0.50000	0.00000145
4	680947	1.00000	0.00000147
5	847230	1.20000	0.00000142

12 DCB Ret. Time = 16.71 min. Fit.type = 2

Ref. peak: DCB Int Std: DCB Window size: 0.3%

AREA = 3.4968D+07 * AMOUNT + 0.0000D+00

Correlation (R squared) = 0.9942

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	136867	0.00417	0.00000003
2	272792	0.00833	0.00000003
3	1284914	0.04170	0.00000003
4	2833665	0.08330	0.00000003
5	3636982	0.10000	0.00000003

Ev#	Time	Event	Description
1	0.00	PD-	Peak Detection (on/off)
2	0.00	FBA	Force Baseline at All peak starts
3	2.25	PD+	Peak Detection (on/off)

********** AUTOMATIC CALIBRATION UPDATE **********

Sample Name: AR1660 .05 PC038D
Operator: TMC Date Taken: 08-21-1998 10:06:31
Date: 08-21-1998 Time: 18:44:16
Interface: 2 Cycle: 4
Method: O:54PCB2 Channel: 1
Vial: 0 Level 1
Today's Date: 08-21-1998 Time: 18:44:16
1 Area table file used in measured average:
O:54PCB4
Start delay: 0.00
Area reject: 10000.00 One sample per .5 sec.
Amount injected: 1.00 Std. Amt. Injected: 1.00

EXTERNAL STANDARD CALIBRATION

COMP NUM	NAME	OLD RET.TIME	MEASURED RET.TIME	NEW RET.TIME	OLD AREA	MEASURED AREA	NEW AREA
1	TCMX	2.73	2.73	2.73	59386	60781	60781
2	1016C1	4.14	4.14	4.14	36435	32359	32359
3	1016C2	4.69	4.69	4.69	106737	102119	102119
4	1016C3	4.91	4.90	4.90	45896	41598	41598
5	1016C4	5.92	5.92	5.92	27408	20491	20491
6	1016C5	6.22	6.22	6.22	46318	43081	43081
7	1260C1	10.10	10.10	10.10	96159	113616	113616
8	1260C2	10.84	10.84	10.84	89055	109535	109535
9	1260C3	11.43	11.43	11.43	39861	47127	47127
10	1260C4	12.82	12.83	12.83	121137	153903	153903
11	1260C5	13.87	13.88	13.88	27889	38199	38199
12	DCB	16.69	16.70	16.70	115640	136867	136867

All peaks were found.
Method O:54PCB2 updated on disk. 08-21-1998 18:44:16 version: 4514

********** AUTOMATIC CALIBRATION UPDATE **********

Sample Name: AR1660 0.1 PC039D
Operator: TMC Date Taken: 08-21-1998 11:30:14
Date: 08-21-1998 Time: 18:44:19
Interface: 2 Cycle: 8
Method: O:54PCB2 Channel: 1
Vial: 0 Level 2
Today's Date: 08-21-1998 Time: 18:44:19
1 Area table file used in measured average:
O:54PCB8
Start delay: 0.00
Area reject: 10000.00 One sample per .5 sec.
Amount injected: 1.00 Std. Amt. Injected: 1.00

EXTERNAL STANDARD CALIBRATION

COMP NUM	NAME	OLD RET.TIME	MEASURED RET.TIME	NEW RET.TIME	OLD AREA	MEASURED AREA	NEW AREA
1	TCMX	2.73	2.73	2.73	115243	125017	125017
2	1016C1	4.14	4.14	4.14	65354	62149	62149
3	1016C2	4.69	4.69	4.69	210640	210161	210161
4	1016C3	4.90	4.91	4.90	91763	85906	85906
5	1016C4	5.92	5.92	5.92	63062	41919	41919
6	1016C5	6.22	6.22	6.22	82466	89761	89761

7	1260C1	10.10	10.10	10.10	188687	238491	238491
8	1260C2	10.84	10.84	10.84	175808	222054	222054
9	1260C3	11.43	11.43	11.43	79827	95535	95535
10	1260C4	12.83	12.83	12.83	242834	312622	312622
11	1260C5	13.88	13.88	13.88	55155	78111	78111
12	DCB	16.70	16.70	16.70	223287	272792	272792

All peaks were found.
Method O:54PCB2 updated on disk. 08-21-1998 18:44:20 version: 4515

********** AUTOMATIC CALIBRATION UPDATE **********

Sample Name: AR1660 0.5 PC040D
Operator: TMC Date Taken: 08-21-1998 12:53:56
Date: 08-21-1998 Time: 18:44:23
Interface: 2 Cycle: 12
Method: O:54PCB2 Channel: 1
Vial: 0 Level 3
Today's Date: 08-21-1998 Time: 18:44:23
1 Area table file used in measured average:
O:54PCB12
Start delay: 0.00
Area reject: 10000.00 One sample per .5 sec.
Amount injected: 1.00 Std. Amt. Injected: 1.00
EXTERNAL STANDARD CALIBRATION

COMP NUM	NAME	OLD RET.TIME	MEASURED RET.TIME	NEW RET.TIME	OLD AREA	MEASURED AREA	NEW AREA
1	TCMX	2.73	2.74	2.74	574292	600840	600840
2	1016C1	4.14	4.14	4.14	280107	295822	295822
3	1016C2	4.69	4.70	4.70	967300	972005	972005
4	1016C3	4.90	4.91	4.91	395174	386208	386208
5	1016C4	5.92	5.93	5.92	269899	190309	190309
6	1016C5	6.22	6.22	6.22	376275	392432	392432
7	1260C1	10.10	10.11	10.10	895948	1097504	1097504
8	1260C2	10.84	10.85	10.85	1036810	1050425	1050425
9	1260C3	11.43	11.44	11.44	396775	435176	435176
10	1260C4	12.83	12.83	12.83	1211674	1542075	1542075
11	1260C5	13.88	13.88	13.88	259965	344207	344207
12	DCB	16.70	16.70	16.70	1049142	1284914	1284914

All peaks were found.
Method O:54PCB2 updated on disk. 08-21-1998 18:44:23 version: 4516

********** AUTOMATIC CALIBRATION UPDATE **********

Sample Name: AR1660 1.0 PC041D
Operator: TMC Date Taken: 08-21-1998 14:17:34
Date: 08-21-1998 Time: 18:44:26
Interface: 2 Cycle: 16
Method: O:54PCB2 Channel: 1
Vial: 0 Level 4
Today's Date: 08-21-1998 Time: 18:44:26
1 Area table file used in measured average:
O:54PCB16
Start delay: 0.00
Area reject: 10000.00 One sample per .5 sec.
Amount injected: 1.00 Std. Amt. Injected: 1.00
EXTERNAL STANDARD CALIBRATION

COMP OLD MEASURED NEW OLD MEASURED NEW

NUM	NAME	RET.TIME	RET.TIME	RET.TIME	AREA	AREA	AREA
1	TCMX	2.74	2.74	2.74	1603885	1370837	1370837
2	1016C1	4.14	4.14	4.14	655285	582732	582732
3	1016C2	4.70	4.70	4.70	2519160	2098680	2098680
4	1016C3	4.91	4.91	4.91	951492	790186	790186
5	1016C4	5.92	5.93	5.92	622684	378579	378579
6	1016C5	6.22	6.22	6.22	889977	772856	772856
7	1260C1	10.10	10.11	10.11	2432791	2402463	2402463
8	1260C2	10.85	10.85	10.85	2821738	2437128	2437128
9	1260C3	11.44	11.44	11.44	925968	868812	868812
10	1260C4	12.83	12.82	12.83	3415523	3520980	3520980
11	1260C5	13.88	13.88	13.88	625122	680947	680947
12	DCB	16.70	16.71	16.70	2829656	2833665	2833665

All peaks were found.
Method O:54PCB2 updated on disk. 08-21-1998 18:44:26 version: 4517

********** AUTOMATIC CALIBRATION UPDATE **********

Sample Name: AR1660 1.2 PC037D
Operator: TMC Date Taken: 08-21-1998 15:41:20
Date: 08-21-1998 Time: 18:44:30
Interface: 2 Cycle: 20
Method: O:54PCB2 Channel: 1
Vial: 0 Level 5
Today's Date: 08-21-1998 Time: 18:44:30
1 Area table file used in measured average:
O:54PCB20
Start delay: 0.00
Area reject: 10000.00 One sample per .5 sec.
Amount injected: 1.00 Std. Amt. Injected: 1.00

EXTERNAL STANDARD CALIBRATION

COMP NUM	NAME	OLD RET.TIME	MEASURED RET.TIME	NEW RET.TIME	OLD AREA	MEASURED AREA	NEW AREA
1	TCMX	2.74	2.74	2.74	1844067	1786225	1786225
2	1016C1	4.14	4.14	4.14	735807	717409	717409
3	1016C2	4.70	4.70	4.70	2868403	2728151	2728151
4	1016C3	4.91	4.91	4.91	1066214	991965	991965
5	1016C4	5.92	5.93	5.92	699805	468680	468680
6	1016C5	6.22	6.22	6.22	994419	956159	956159
7	1260C1	10.11	10.11	10.11	2780494	3154044	3154044
8	1260C2	10.85	10.85	10.85	3199406	3231474	3231474
9	1260C3	11.44	11.44	11.44	1039125	1083124	1083124
10	1260C4	12.83	12.82	12.82	3693546	4052960	4052960
11	1260C5	13.88	13.88	13.88	682671	847230	847230
12	DCB	16.70	16.71	16.71	3165421	3636982	3636982

All peaks were found.
Method O:54PCB2 updated on disk. 08-21-1998 18:44:30 version: 4518

Method file name: O:54PCB3
Default Sample Name: 2
Operator: TMC
Date-time: 08-21-1998 19:02:39 version: 3168

ACQUISITION PARAMETERS

SINGLE OR DUAL CHANNEL (1 OR 2)	1.00
RUN TIME (minutes)	18.50
END TIME FOR PLOTS (default=RUN TIME)	18.50
SOLVENT DELAY TIME (minutes)	0.00
PEAK DETECTION THRESHOLD (microv/sec)	15.00
Area Threshold	1000.00
MINIMUM PEAK WIDTH (seconds)	5.00
TIME FOR ONE SAMPLE (seconds)	0.50
NUMBER OF REAL TIME CRT PAGES TO PLOT (0 TO 99)	1.00
REAL TIME PLOT FULL SCALE FOR CH.0 (millivolts)	200.00
REAL TIME FULL SCALE FOR CH.1 (millivolts)	200.00
HARD COPY REAL TIME PLOT	NO
AUTO ZERO REAL TIME PLOT	NO
RECORD AREA TABLES ON DISK	NO
RECORD RAW DATA	NO
NUMBER OF CRT PAGES FOR REPLOT (1 TO 99)	2.00
VERTICAL SCALE FACTOR FOR REPLOT (units of largest peak)	0.00
OFFSET FOR THE REPLOT (millivolts)	-50.00
PUT NAMES ON REPLOT?	YES
Horizontal Plotting?	NO
Formfeed after report	YES
Formfeed after plot	YES
PRINT AREA PERCENT REPORT	NO
PRINT EXTERNAL STANDARD REPORT	YES
PRINT INTERNAL STANDARD REPORT	NO
FINAL REPORT AREA REJECT (microvolt-sec)	20000.00
LINK TO USER PROGRAM	NO
FULL SCALE RANGE FOR A.D.C. (3=1VOLT, 1=2VOLT, 0=10VOLT)	0.00
AREA REJECT FOR REFERENCE PEAKS?	20000.00
% RET TIME WINDOW FOR REFERENCE PEAKS	1.00
RET TIME WINDOW IN SECONDS FOR REF. PEAKS	10.00
AREA OR PEAK HEIGHT QUANTITATION (0 OR 1)	0.00
PRINT GROUP REPORT	NO
NUMBER OF CALIBRATION LEVELS (1 TO 6)	5.00
LIST COMPONENTS NOT FOUND IN SAMPLE?	NO
INCLUDE UNKNOWN PEAKS IN REPORTS?	YES
UPDATE RESPONSE FACTORS WITH REPLACEMENT (0) OR AVERAGE (1)	1.00
DEFAULT DILUTION FACTOR	1.00
DEFAULT SAMPLE WEIGHT	1.00
DEFAULT AMOUNT INJECTED	1.00
DEFAULT AMOUNT OF INTERNAL STANDARD	0.00
PRINT GPC MW DISTRIBUTION	NO
PRINT SIMULATED DISTILLATION REPORT	NO

Response factor for unknowns= 0.0000E+00
Component Units = ug/ml

1 TCMX Ret. Time = 2.74 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 1.8%

AREA = 3.4011D+07 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9909

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	60781	0.00208	0.00000003
2	125017	0.00417	0.00000003
3	600840	0.02080	0.00000003
4	1370837	0.04170	0.00000003
5	1786225	0.05000	0.00000003

2 1254C1 Ret. Time = 7.67 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 0.7%
AREA = 1.0831D+06 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9970

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	53755	0.05000	0.00000093
2	114275	0.10000	0.00000088
3	522135	0.50000	0.00000096
4	1042061	1.00000	0.00000096
5	1341471	1.20000	0.00000089

3 1254C2 Ret. Time = 8.63 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 0.6%
AREA = 2.2953D+06 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9875

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	104206	0.05000	0.00000048
2	213473	0.10000	0.00000047
3	1004343	0.50000	0.00000050
4	2148298	1.00000	0.00000047
5	2938382	1.20000	0.00000041

7.2%

4 1254C3 Ret. Time = 9.39 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 0.6%
AREA = 2.1333D+06 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9914

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	90024	0.05000	0.00000056
2	192693	0.10000	0.00000052
3	971046	0.50000	0.00000051
4	2012681	1.00000	0.00000050
5	2702682	1.20000	0.00000044

5 1254C4 Ret. Time = 10.09 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 0.5%
AREA = 2.5397D+06 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9865

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	151721	0.05000	0.00000033
2	251715	0.10000	0.00000040
3	1100828	0.50000	0.00000045
4	2374630	1.00000	0.00000042
5	3254764	1.20000	0.00000037

12%

6 1254C5 Ret. Time = 10.84 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 0.5%
AREA = 2.1984D+06 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9900

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	83204	0.05000	0.00000060
2	235083	0.10000	0.00000043

3	981119	0.50000	0.00000051
4	2070700	1.00000	0.00000048
5	2793597	1.20000	0.00000043

7 DCB Ret. Time = 16.71 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 0.3%
AREA = 3.4968D+07 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9942

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	136867	0.00417	0.00000003
2	272792	0.00833	0.00000003
3	1284914	0.04170	0.00000003
4	2833665	0.08330	0.00000003
5	3636982	0.10000	0.00000003

Ev#	Time	Event	Description
1	0.00	PD-	Peak Detection (on/off)
2	2.25	PD+	Peak Detection (on/off)

********** AUTOMATIC CALIBRATION UPDATE **********

Sample Name: AR1254 .05 PC049D
Operator: TMC Date Taken: 08-21-1998 10:27:27
Date: 08-21-1998 Time: 18:58:10
Interface: 2 Cycle: 5
Method: O:54PCB3 Channel: 1
Vial: 0 Level 1
Today's Date: 08-21-1998 Time: 18:58:10
1 Area table file used in measured average:
O:54PCB5
Start delay: 0.00
Area reject: 15000.00 One sample per .5 sec.
Amount injected: 1.00 Std. Amt. Injected: 1.00
EXTERNAL STANDARD CALIBRATION

COMP NUM	NAME	OLD RET.TIME	MEASURED RET.TIME	NEW RET.TIME	OLD AREA	MEASURED AREA	NEW AREA
2	1254C1	7.68	7.67	7.67	947075	53755	53755
3	1254C2	8.63	8.63	8.63	1806444	104206	104206
4	1254C3	9.38	9.38	9.38	1499664	90024	90024
5	1254C4	10.09	10.08	10.08	1787701	151721	151721
6	1254C5	10.84	10.83	10.83	1530921	83204	83204

********** Peaks Not Found In This Calibration. No Changes Made. **********

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
TCMX	2.74	DCB
DCB	16.70	DCB

Method O:54PCB3 updated on disk. 08-21-1998 18:58:10 version: 3163

********** AUTOMATIC CALIBRATION UPDATE **********

Sample Name: AR1254 0.1 PC050D
Operator: TMC Date Taken: 08-21-1998 11:51:06
Date: 08-21-1998 Time: 18:58:13
Interface: 2 Cycle: 9
Method: O:54PCB3 Channel: 1
Vial: 0 Level 2
Today's Date: 08-21-1998 Time: 18:58:13
1 Area table file used in measured average:
O:54PCB9
Start delay: 0.00
Area reject: 15000.00 One sample per .5 sec.
Amount injected: 1.00 Std. Amt. Injected: 1.00
EXTERNAL STANDARD CALIBRATION

COMP NUM	NAME	OLD RET.TIME	MEASURED RET.TIME	NEW RET.TIME	OLD AREA	MEASURED AREA	NEW AREA
2	1254C1	7.67	7.68	7.67	947075	114275	114275
3	1254C2	8.63	8.63	8.63	1806444	213473	213473
4	1254C3	9.38	9.39	9.39	1499664	192693	192693
5	1254C4	10.08	10.09	10.09	1787701	251715	251715
6	1254C5	10.83	10.84	10.84	1530921	235083	235083

********** Peaks Not Found In This Calibration. No Changes Made. **********

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
TCMX	2.74	DCB
DCB	16.70	DCB

Method O:54PCB3 updated on disk. 08-21-1998 18:58:14 version: 3164

********** AUTOMATIC CALIBRATION UPDATE **********

Sample Name: AR1254 0.5 PC051D
Operator: TMC Date Taken: 08-21-1998 13:14:50
Date: 08-21-1998 Time: 18:58:16
Interface: 2 Cycle: 13
Method: O:54PCB3 Channel: 1
Vial: 0 Level 3
Today's Date: 08-21-1998 Time: 18:58:16
1 Area table file used in measured average:
O:54PCB13
Start delay: 0.00
Area reject: 15000.00 One sample per .5 sec.
Amount injected: 1.00 Std. Amt. Injected: 1.00

EXTERNAL STANDARD CALIBRATION

COMP NUM	NAME	OLD RET.TIME	MEASURED RET.TIME	NEW RET.TIME	OLD AREA	MEASURED AREA	NEW AREA
2	1254C1	7.67	7.68	7.67	947075	522135	522135
3	1254C2	8.63	8.63	8.63	1806444	1004343	1004343
4	1254C3	9.39	9.38	9.39	1499664	971046	971046
5	1254C4	10.09	10.09	10.09	1787701	1100828	1100828
6	1254C5	10.84	10.84	10.84	1530921	981119	981119
7	DCB	16.70	16.69	16.70	1049142	26992	26992

********** Peaks Not Found In This Calibration. No Changes Made. **********

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
TCMX	2.74	DCB

Method O:54PCB3 updated on disk. 08-21-1998 18:58:17 version: 3165

********** AUTOMATIC CALIBRATION UPDATE **********

Sample Name: AR1254 1.0 PC052D
Operator: TMC Date Taken: 08-21-1998 14:38:26
Date: 08-21-1998 Time: 18:58:19
Interface: 2 Cycle: 17
Method: O:54PCB3 Channel: 1
Vial: 0 Level 4
Today's Date: 08-21-1998 Time: 18:58:19
1 Area table file used in measured average:
O:54PCB17
Start delay: 0.00
Area reject: 15000.00 One sample per .5 sec.
Amount injected: 1.00 Std. Amt. Injected: 1.00

EXTERNAL STANDARD CALIBRATION

COMP NUM	NAME	OLD RET.TIME	MEASURED RET.TIME	NEW RET.TIME	OLD AREA	MEASURED AREA	NEW AREA
2	1254C1	7.67	7.67	7.67	947075	1042061	1042061
3	1254C2	8.63	8.63	8.63	1806444	2148298	2148298
4	1254C3	9.39	9.38	9.38	1499664	2012681	2012681
5	1254C4	10.09	10.09	10.09	1787701	2374630	2374630
6	1254C5	10.84	10.84	10.84	1530921	2070700	2070700
7	DCB	16.70	16.69	16.69	2829656	43067	43067

********** Peaks Not Found In This Calibration. No Changes Made. **********

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
TCMX	2.74	DCB

Method O:54PCB3 updated on disk. 08-21-1998 18:58:20 version: 3166

********** AUTOMATIC CALIBRATION UPDATE **********

Sample Name: AR1254 1.2 PC043D
Operator: TMC Date Taken: 08-21-1998 16:02:12
Date: 08-21-1998 Time: 18:58:25
Interface: 2 Cycle: 21
Method: O:54PCB3 Channel: 1
Vial: 0 Level 5
Today's Date: 08-21-1998 Time: 18:58:25
1 Area table file used in measured average:
O:54PCB21
Start delay: 0.00
Area reject: 15000.00 One sample per .5 sec.
Amount injected: 1.00 Std. Amt. Injected: 1.00

EXTERNAL STANDARD CALIBRATION

COMP NUM	NAME	OLD RET.TIME	MEASURED RET.TIME	NEW RET.TIME	OLD AREA	MEASURED AREA	NEW AREA
2	1254C1	7.67	7.68	7.67	947075	1341471	1341471
3	1254C2	8.63	8.63	8.63	1806444	2938382	2938382
4	1254C3	9.38	9.39	9.39	1499664	2702682	2702682
5	1254C4	10.09	10.09	10.09	1787701	3254764	3254764
6	1254C5	10.84	10.84	10.84	1530921	2793597	2793597
7	DCB	16.69	16.69	16.69	3165421	75861	75861

********** Peaks Not Found In This Calibration. No Changes Made. **********

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
TCMX	2.74	DCB

Method O:54PCB3 updated on disk. 08-21-1998 18:58:25 version: 3167

Method file name: O:54PCB4
Default Sample Name: 2
Operator: TMC
Date-time: 08-21-1998 19:10:34 version: 4203

ACQUISITION PARAMETERS

SINGLE OR DUAL CHANNEL (1 OR 2)	1.00
RUN TIME (minutes)	18.50
END TIME FOR PLOTS (default=RUN TIME)	18.50
SOLVENT DELAY TIME (minutes)	0.00
PEAK DETECTION THRESHOLD (microv/sec)	15.00
Area Threshold	1000.00
MINIMUM PEAK WIDTH (seconds)	5.00
TIME FOR ONE SAMPLE (seconds)	0.50
NUMBER OF REAL TIME CRT PAGES TO PLOT (0 TO 99)	1.00
REAL TIME PLOT FULL SCALE FOR CH.0 (millivolts)	200.00
REAL TIME FULL SCALE FOR CH.1 (millivolts)	200.00
HARD COPY REAL TIME PLOT	NO
AUTO ZERO REAL TIME PLOT	NO
RECORD AREA TABLES ON DISK	NO
RECORD RAW DATA	NO
NUMBER OF CRT PAGES FOR REPLOT (1 TO 99)	2.00
VERTICAL SCALE FACTOR FOR REPLOT (units of largest peak)	0.00
OFFSET FOR THE REPLOT (millivolts)	-50.00
PUT NAMES ON REPLOT?	YES
Horizontal Plotting?	NO
Formfeed after report	YES
Formfeed after plot	YES
PRINT AREA PERCENT REPORT	NO
PRINT EXTERNAL STANDARD REPORT	YES
PRINT INTERNAL STANDARD REPORT	NO
FINAL REPORT AREA REJECT (microvolt-sec)	15000.00
LINK TO USER PROGRAM	NO
FULL SCALE RANGE FOR A.D.C. (3=1VOLT, 1=2VOLT, 0=10VOLT)	0.00
AREA REJECT FOR REFERENCE PEAKS?	20000.00
% RET TIME WINDOW FOR REFERENCE PEAKS	1.00
RET TIME WINDOW IN SECONDS FOR REF. PEAKS	10.00
AREA OR PEAK HEIGHT QUANTITATION (0 OR 1)	0.00
PRINT GROUP REPORT	NO
NUMBER OF CALIBRATION LEVELS (1 TO 6)	5.00
LIST COMPONENTS NOT FOUND IN SAMPLE?	NO
INCLUDE UNKNOWN PEAKS IN REPORTS?	YES
UPDATE RESPONSE FACTORS WITH REPLACEMENT (0) OR AVERAGE (1)	1.00
DEFAULT DILUTION FACTOR	1.00
DEFAULT SAMPLE WEIGHT	1.00
DEFAULT AMOUNT INJECTED	1.00
DEFAULT AMOUNT OF INTERNAL STANDARD	0.00
PRINT GPC MW DISTRIBUTION	NO
PRINT SIMULATED DISTILLATION REPORT	NO

Response factor for unknowns= 0.0000E+00
Component Units = ug/ml

1 TCMX Ret. Time = 2.74 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 1.8%

AREA = 3.4011D+07 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9909

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	60781	0.00208	0.00000003
2	125017	0.00417	0.00000003
3	600840	0.02080	0.00000003
4	1370837	0.04170	0.00000003
5	1786225	0.05000	0.00000003

2 1242C1 Ret. Time = 4.14 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 1.6%
AREA = 4.5516D+05 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9981

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	20616	0.05000	0.00000243
2	49159	0.10000	0.00000203
3	238309	0.50000	0.00000210
4	440389	1.00000	0.00000227
5	553805	1.20000	0.00000217

3 1242C2 Ret. Time = 4.70 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 1.3%
AREA = 1.6422D+06 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9973

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	89551	0.05000	0.00000056
2	158387	0.10000	0.00000063
3	801805	0.50000	0.00000062
4	1579172	1.00000	0.00000063
5	2031276	1.20000	0.00000059

4 1242C3 Ret. Time = 6.22 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 1.1%
AREA = 6.4916D+05 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9972

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	36168	0.05000	0.00000138
2	70968	0.10000	0.00000141
3	338661	0.50000	0.00000148
4	621808	1.00000	0.00000161
5	795250	1.20000	0.00000151

5 1242C4 Ret. Time = 7.01 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 1.1%
AREA = 7.2035D+05 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9951

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	31493	0.05000	0.00000159
2	63557	0.10000	0.00000157
3	357766	0.50000	0.00000140
4	681266	1.00000	0.00000147
5	898897	1.20000	0.00000133

6 1242C5 Ret. Time = 7.43 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 0.8%
AREA = 7.6057D+05 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9955

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	31670	0.05000	0.00000158
2	63705	0.10000	0.00000157

3	373837	0.50000	0.00000134
4	722751	1.00000	0.00000138
5	948185	1.20000	0.00000127

7 DCB Ret. Time = 16.71 min. Fit.type = 2
Ref. peak: DCB Int Std: DCB Window size: 0.3%
AREA = 3.4968D+07 * AMOUNT + 0.0000D+00
Correlation (R squared) = 0.9942

LEVEL	AREA	AMOUNT	RATIO (amount/area)
1	136867	0.00417	0.00000003
2	272792	0.00833	0.00000003
3	1284914	0.04170	0.00000003
4	2833665	0.08330	0.00000003
5	3636982	0.10000	0.00000003

Ev#	Time	Event	Description
1	0.00	PD-	Peak Detection (on/off)
2	2.25	PD+	Peak Detection (on/off)

********** AUTOMATIC CALIBRATION UPDATE **********

Sample Name: AR1242 .05 PC053D
Operator: TMC Date Taken: 08-21-1998 10:48:22
Date: 08-21-1998 Time: 19:05:06
Interface: 2 Cycle: 6
Method: O:54PCB4 Channel: 1
Vial: 0 Level 1
Today's Date: 08-21-1998 Time: 19:05:06
1 Area table file used in measured average:
O:54PCB6
Start delay: 0.00
Area reject: 4000.00 One sample per .5 sec.
Amount injected: 1.00 Std. Amt. Injected: 1.00
EXTERNAL STANDARD CALIBRATION

COMP NUM	NAME	OLD RET.TIME	MEASURED RET.TIME	NEW RET.TIME	OLD AREA	MEASURED AREA	NEW AREA
2	1242C1	4.14	4.14	4.14	412999	20616	20616
3	1242C2	4.70	4.69	4.69	1464396	89551	89551
4	1242C3	6.22	6.22	6.22	610033	36168	36168
5	1242C4	7.01	7.01	7.01	661155	31493	31493
6	1242C5	7.43	7.43	7.43	703034	31670	31670

********** Peaks Not Found In This Calibration. No Changes Made. **********

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
TCMX	2.74	DCB
DCB	16.70	DCB

Method O:54PCB4 updated on disk. 08-21-1998 19:05:06 version: 4197

********** AUTOMATIC CALIBRATION UPDATE **********

Sample Name: AR1242 0.1 PC054D
Operator: TMC Date Taken: 08-21-1998 12:12:01
Date: 08-21-1998 Time: 19:05:09
Interface: 2 Cycle: 10
Method: O:54PCB4 Channel: 1
Vial: 0 Level 2
Today's Date: 08-21-1998 Time: 19:05:09
1 Area table file used in measured average:
O:54PCB10
Start delay: 0.00
Area reject: 4000.00 One sample per .5 sec.
Amount injected: 1.00 Std. Amt. Injected: 1.00
EXTERNAL STANDARD CALIBRATION

COMP NUM	NAME	OLD RET.TIME	MEASURED RET.TIME	NEW RET.TIME	OLD AREA	MEASURED AREA	NEW AREA
2	1242C1	4.14	4.14	4.14	412999	49159	49159
3	1242C2	4.69	4.70	4.70	1464396	158387	158387
4	1242C3	6.22	6.22	6.22	610033	70968	70968
5	1242C4	7.01	7.01	7.01	661155	63557	63557
6	1242C5	7.43	7.43	7.43	703034	63705	63705

********** Peaks Not Found In This Calibration. No Changes Made. **********

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
TCMX	2.74	DCB
DCB	16.70	DCB

Method O:54PCB4 updated on disk. 08-21-1998 19:05:10 version: 4198

********** AUTOMATIC CALIBRATION UPDATE **********

Sample Name: AR1242 0.5 PC055D
Operator: TMC Date Taken: 08-21-1998 13:35:46
Date: 08-21-1998 Time: 19:05:13
Interface: 2 Cycle: 14
Method: O:54PCB4 Channel: 1
Vial: 0 Level 3
Today's Date: 08-21-1998 Time: 19:05:13
1 Area table file used in measured average:
O:54PCB14
Start delay: 0.00
Area reject: 4000.00 One sample per .5 sec.
Amount injected: 1.00 Std. Amt. Injected: 1.00
EXTERNAL STANDARD CALIBRATION

COMP NUM	NAME	OLD RET.TIME	MEASURED RET.TIME	NEW RET.TIME	OLD AREA	MEASURED AREA	NEW AREA
2	1242C1	4.14	4.14	4.14	412999	238309	238309
3	1242C2	4.70	4.69	4.69	1464396	801805	801805
4	1242C3	6.22	6.22	6.22	610033	338661	338661
5	1242C4	7.01	7.01	7.01	661155	357766	357766
6	1242C5	7.43	7.43	7.43	703034	373837	373837

********** Peaks Not Found In This Calibration. No Changes Made. **********

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
TCMX	2.74	DCB
DCB	16.70	DCB

Method O:54PCB4 updated on disk. 08-21-1998 19:05:13 version: 4199

********** AUTOMATIC CALIBRATION UPDATE **********

Sample Name: AR1242 1.0 PC056D
Operator: TMC Date Taken: 08-21-1998 14:59:27
Date: 08-21-1998 Time: 19:05:16
Interface: 2 Cycle: 18
Method: O:54PCB4 Channel: 1
Vial: 0 Level 4
Today's Date: 08-21-1998 Time: 19:05:16
1 Area table file used in measured average:
O:54PCB18
Start delay: 0.00
Area reject: 4000.00 One sample per .5 sec.
Amount injected: 1.00 Std. Amt. Injected: 1.00
EXTERNAL STANDARD CALIBRATION

COMP NUM	NAME	OLD RET.TIME	MEASURED RET.TIME	NEW RET.TIME	OLD AREA	MEASURED AREA	NEW AREA
2	1242C1	4.14	4.14	4.14	412999	440389	440389
3	1242C2	4.69	4.70	4.70	1464396	1579172	1579172
4	1242C3	6.22	6.22	6.22	610033	621808	621808
5	1242C4	7.01	7.01	7.01	661155	681266	681266
6	1242C5	7.43	7.43	7.43	703034	722751	722751

********** Peaks Not Found In This Calibration. No Changes Made. **********

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK

```
TCMX                          2.74          DCB
DCB                          16.70          DCB

Method O:54PCB4 updated on disk. 08-21-1998 19:05:16 version:  4200

************************ AUTOMATIC CALIBRATION UPDATE **************************

Sample Name: AR1242 1.2 PC044D
Operator:    TMC          Date Taken: 08-21-1998 16:23:08
Date:        08-21-1998        Time:     19:05:20
Interface:   2                 Cycle:    22
Method:      O:54PCB4          Channel:  1
Vial:        0                 Level      5
Today's Date: 08-21-1998 Time: 19:05:20
1 Area table file used in measured average:
              O:54PCB22
Start delay:            0.00
Area reject:         4000.00    One sample per .5 sec.
Amount injected:        1.00    Std. Amt. Injected:      1.00
                              EXTERNAL STANDARD CALIBRATION

COMP                        OLD   MEASURED   NEW       OLD     MEASURED    NEW
NUM          NAME       RET.TIME RET.TIME RET.TIME   AREA       AREA      AREA
-----------------------------------------------------------------------------
  2 1242C1                 4.14     4.14     4.14    412999    553805    553805
  3 1242C2                 4.70     4.70     4.70   1464396   2031276   2031276
  4 1242C3                 6.22     6.22     6.22    610033    795250    795250
  5 1242C4                 7.01     7.01     7.01    661155    898897    898897
  6 1242C5                 7.43     7.43     7.43    703034    948185    948185
  7 DCB                   16.70    16.70    16.70   3165421      4988      4988
************ Peaks Not Found In This Calibration. No Changes Made. ************
NAME              ADJUSTED RET.TIME.  REFERENCE PEAK
TCMX                         2.74         DCB

Method O:54PCB4 updated on disk. 08-21-1998 19:05:21 version:  4201
```

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Retention Time Window Analysis
PCB's

Instrument ID: 3400 6
Column ID: DB 1
Study Date: 04/19/97

FILE:	26PCB010	26PCB070	26PCB100					
Compound	Retention Time #1 (Minutes)	Retention Time #2 (Minutes)	Retention Time #3 (Minutes)	Retention Time Average (Minutes)	Retention Time STD (Minutes)	3 x STD (Minutes)	3 second Window (%)	Retention Time Window (%)
1221 C1	2.942	2.950	2.942	2.945	0.005	0.014	1.698	1.698
1221 C2	3.050	3.058	3.058	3.055	0.005	0.014	1.636	1.636
1221 C3	3.133	3.142	3.142	3.139	0.005	0.016	1.593	1.593

Note All calculations utilize the full precision available on both EXCEL 5.0 and the Nelson 2600 chromatography system, displayed final values may differ slightly from those obtained utilizing displayed values as input

A three second window is generated (as a percent of the average retention time) along with three times the standard deviation, the retention time window (%) is the greater of the two

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Retention Time Window Analysis
PCB's

Instrument I.D.: 3400-6
Column I.D.: DB-1
Study Date: 04/19/97

FILE:	16PCB013	16PCB073	16PCB103					
Compound	Retention Time #1 (Minutes)	Retention Time #2 (Minutes)	Retention Time #3 (Minutes)	Retention Time Average (Minutes)	Retention Time STD (Minutes)	3 x STD (Minutes)	3 second Window (%)	Retention Time Window (%)
1242 C1	3.133	3.142	3.142	3.139	0.005	0.016	1.593	1.593
1242 C2	3.733	3.733	3.733	3.733	0.000	0.000	1.339	1.339
1242 C3	4.525	4.533	4.533	4.530	0.005	0.014	1.104	1.104
1242 C4	4.708	4.717	4.717	4.714	0.005	0.016	1.061	1.061
1242 C5	5.908	5.900	5.900	5.903	0.005	0.014	0.847	0.847

Note All calculations utilize the full precision available on both EXCEL 5.0 and the Nelson 2600 chromatography system; displayed final values may differ slightly from those obtained utilizing displayed values as input

A three second window is generated (as a percent of the average retention time) along with three times the standard deviation, the retention time window (%) is the greater of the two

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Retention Time Window Analysis
PCB's

Instrument ID: 3400 6
Column ID: DB 1
Study Date: 04/19/97

FILE	26PCB010	26PCB070	26PCB100					
Compound	Retention Time #1 (Minutes)	Retention Time #2 (Minutes)	Retention Time #3 (Minutes)	Retention Time Average (Minutes)	Retention Time STD (Minutes)	3 x STD (Minutes)	3 second Window (%)	Retention Time Window (%)
1248 C1	4.525	4.533	4.533	4.530	0.005	0.014	1.104	1.104
1248 C2	5.617	5.623	5.625	5.622	0.005	0.014	0.889	0.889
1248 C3	5.892	5.908	5.900	5.900	0.008	0.024	0.847	0.847
1248 C4	6.533	6.550	6.542	6.542	0.009	0.026	0.764	0.764
1248 C5	7.025	7.033	7.033	7.030	0.005	0.014	0.711	0.711

Note: All calculations utilize the full precision available on both EXCEL 5.0 and the Nelson 2600 chromatography system, displayed final values may differ slightly from those obtained utilizing displayed values as input

A three second window is generated (as a percent of the average retention time) along with three times the standard deviation, the retention time window (%) is the greater of the two

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Retention Time Window Analysis
PCB's

Instrument I.D.: 3400 6
Column I.D.: DB 1
Study Date: 06/19/97

FILE:	26PCB012	26PCB072	26PCB102					
Compound	Retention Time #1 (Minutes)	Retention Time #2 (Minutes)	Retention Time #3 (Minutes)	Retention Time Average (Minutes)	Retention Time STD (Minutes)	3 x STD (Minutes)	3 second Window (%)	Retention Time Window (%)
TCMX	2.792	2.800	2.792	2.795	0.005	0.014	1.789	1.789
1254 C1	7.258	7.267	7.267	7.264	0.005	0.016	0.688	0.688
1254 C2	8.183	8.192	8.183	8.186	0.005	0.016	0.611	0.611
1254 C3	8.925	8.933	8.933	8.930	0.005	0.014	0.560	0.560
1254 C4	9.583	9.592	9.592	9.589	0.005	0.016	0.521	0.521
1254 C5	10.283	10.292	10.292	10.289	0.005	0.016	0.486	0.486
DCB	16.933	16.942	16.942	16.939	0.005	0.016	0.295	0.295

Note All calculations utilize the full precision available on both EXCEL 5.0 and the Nelson 2600 chromatography system, displayed final values may differ slightly from those obtained utilizing displayed values as input

A three second window is generated (as a percent of the average retention time) along with three times the standard deviation, the retention time window (%) is the greater of the two

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Retention Time Window Analysis
PCB's

Instrument ID: 3400 6
Column ID: DB 1
Study Date 04/19/97

FILE:	26PCB011	26PCB071	26PCB101					
Compound	Retention Time #1 (Minutes)	Retention Time #2 (Minutes)	Retention Time #3 (Minutes)	Retention Time Average (Minutes)	Retention Time STD (Minutes)	3 x STD (Minutes)	3 second Window (%)	Retention Time Window (%)
1260 C1	8 892	8 900	8 900	8 897	0 005	0 014	0 562	0 562
1260 C2	9 592	9 600	9 600	9 597	0 005	0 014	0 521	0 521
1260 C3	10 283	10 292	10 292	10 289	0 005	0 016	0 486	0 486
1260 C4	12 175	12 183	12 183	12 180	0 005	0 014	0 410	0 410
1260 C5	12 867	12 875	12 875	12 872	0 005	0 014	0 388	0 388

Note All calculations utilize the full precision available on both EXCEL 5 0 and the Nelson 2600 chromatography system, displayed final values may differ slightly from those obtained utilizing displayed values as input

A three second window is generated (as a percent of the average retention time) along with three times the standard deviation, the retention time window (%) is the greater of the two

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Continuing Calibration Report
Method 8080 (PCB)

Compound	Continuing Calibration (ug/ml)	Percent Difference (%)
TCMX		
AROCLOR 1221		
AROCLOR 1016	0.4924	-1.5
AROCLOR 1248		
AROCLOR 1254		
AROCLOR 1260	0.4708	-5.8
DCB		

Percent outside QC windows

* = values outside quality control windows.
QC window = 15 %.

Standards	Data Files	Date	Time
AR2148			
AR1660	54PCB24	08/21/98	17:04:59
AR1254			

File Saved as:

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Continuing Calibration Report
Method 8080 (PCB)

Compound	Continuing Calibration (ug/ml)	Percent Difference (%)
TCMX	0.0221	6.2
AROCLOR 1221	0.6057	21* → No GC's to confirm
AROCLOR 1016	0.5583	12
AROCLOR 1242	0.4924	-1.5
AROCLOR 1248	0.5056	1.1
AROCLOR 1254	0.5206	4.2
AROCLOR 1260	0.4937	-1.3
DCB	0.0402	-3.6
Percent outside QC windows		13

* = values outside quality control windows.
QC window = 15 %.

Standards	Data Files	Date	Time
AR2148	54PCB90	08/23/98	16:12:04
AR1660	54PCB91	08/23/98	16:26:52
AR1254	54PCB92	08/23/98	16:47:49
AR1242	54PCB93	08/23/98	17:05:13

File Saved as: O:\PDATA\54PCB5.CON

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Continuing Calibration Report
Method 8080 (PCB)

Compound	Continuing Calibration (ug/ml)	Percent Difference (%)
TCMX	0.0233	12
AROCLOR 1221	0.6596	32*
AROCLOR 1016	0.5941	19*
AROCLOR 1242	0.5226	4.5
AROCLOR 1248	0.5532	11
AROCLOR 1254	0.5600	13
AROCLOR 1260	0.5369	7.4
DCB	0.0452	9.4
Percent outside QC windows		25

NO GP'S to confirm

* = values outside quality control windows.
QC window = 15 %.

Standards	Data Files	Date	Time
AR2148	54PCB98	08/24/98	11:55:16
AR1660	54PCB99	08/24/98	12:16:18
AR1254	54PCB100	08/24/98	12:37:11
AR1242	54PCB101	08/24/98	12:58:07

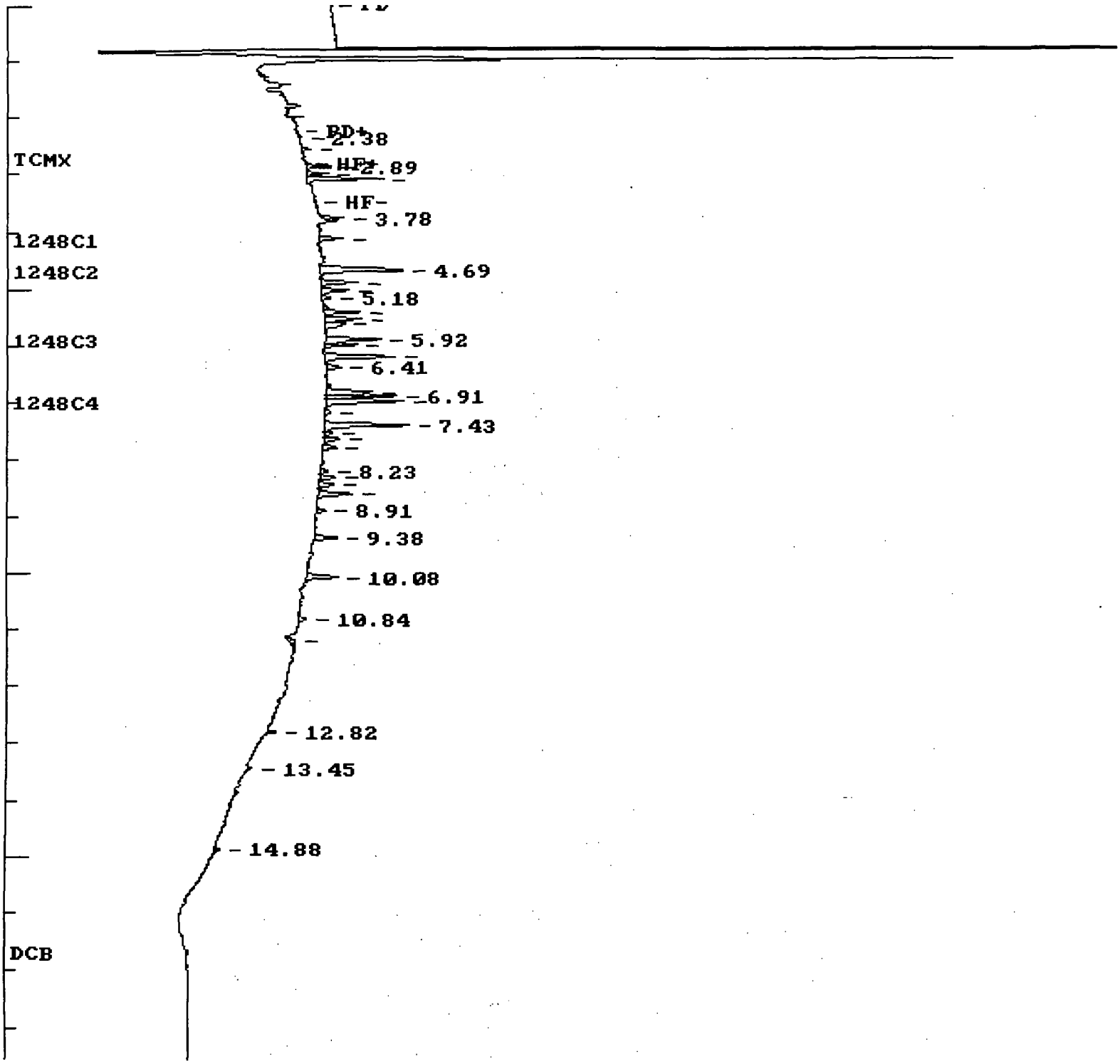
File Saved as: O:\PDATA\54PCB6.CON

```
******* EXTERNAL STANDARD TABLE *******
******************** 08-21-1998 18:29:07 Version 5.1.5 ********************
* Sample Name: AR2148 .05 PC045D                Data File: O:54PCB3          *
* Date: 08-21-1998 09:45:37 Method: O:54PCB1  08-18-1998 13:47:16  #  4587*
* Interface: 2   Cycle#:  3    Operator TMC Channel#: 1    Vial#: N.A.     *
* Starting Peak Width:  5   Threshold: 15  Area Threshold: 1000            *
*************************************************************************
* Instrument Type: VARIAN 3400-6        Column Type: DB-1 30M .53Omml.5um *
*            Solvent Description: H2@3.3ML/MIN. @200                     *
* Conditions: 210H3.5 290@6/minH3                  I=240 D=310            *
*            Detector 0:                        Detector 1: ECD4AT/R1     *
* Misc. Information: 2ul inj. 10ml/min split  CID4342635                  *
*************************************************************************
Starting Delay:   0.00                    Ending retention time:   18.50
Area reject:     3000                     One sample per   0.500 sec.
Amount injected:        1.00              Dilution factor:        1.00
Sample Weight:          1.00000
```

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	2.375		0.0000	0.0000%	3723	646	5.8	1			0.0000E+00
2	2.583		0.0000	0.0000%	3123	1504	2.1	1			0.0000E+00
3	2.892	1221C1	0.0599	12.5503%	14109	4750	3.0	2	0	0	4.2433E-06
4	3.017	1221C2	0.0737	15.4394%	11621	4298	2.7	2	0	0	6.3380E-06
5	3.108	1221C3	0.0648	13.5740%	41118	14565	2.8	2	0	0	1.5748E-06
6	3.783		0.0000	0.0000%	7935	3195	2.5	1			0.0000E+00
7	4.142	1248C1	0.0567	11.8792%	14081	4655	3.0	1	0	0	4.0246E-06
9	4.692	1248C2	0.0564	11.8324%	76477	15549	4.9	2	0	-.1773	7.3807E-07
10	4.908		0.0000	0.0000%	24226	6986	3.5	2			0.0000E+00
11	5.050		0.0000	0.0000%	17425	5117	3.4	2			0.0000E+00
12	5.183		0.0000	0.0000%	5640	1742	3.2	2			0.0000E+00
14	5.433		0.0000	0.0000%	22320	6648	3.4	2			0.0000E+00
15	5.550		0.0000	0.0000%	23242	6801	3.4	2			0.0000E+00
16	5.633		0.0000	0.0000%	20386	3612	5.6	2			0.0000E+00
17	5.917	1248C3	0.0576	12.0741%	37513	10447	3.6	2	0	0	1.5354E-06
18	6.008		0.0000	0.0000%	21897	6149	3.6	2			0.0000E+00
19	6.217		0.0000	0.0000%	55085	13274	4.1	2			0.0000E+00
20	6.408		0.0000	0.0000%	9596	2675	3.6	2			0.0000E+00
22	6.842		0.0000	0.0000%	31907	8866	3.6	2			0.0000E+00
23	6.908		0.0000	0.0000%	48401	13437	3.6	2			0.0000E+00
24	7.000	1248C4	0.0545	11.4256%	59860	14799	4.0	2	0	-.1189	9.1054E-07
25	7.192		0.0000	0.0000%	6087	1220	5.0	2			0.0000E+00
26	7.425	1248C5	0.0535	11.2251%	66522	15962	4.2	2	0	0	8.0498E-07
27	7.558		0.0000	0.0000%	6548	1727	3.8	2			0.0000E+00
28	7.667		0.0000	0.0000%	12957	3213	4.0	2			0.0000E+00
29	7.817		0.0000	0.0000%	12212	2722	4.5	2			0.0000E+00
30	8.233		0.0000	0.0000%	5629	1533	3.7	2			0.0000E+00
31	8.342		0.0000	0.0000%	11101	3081	3.6	2			0.0000E+00
32	8.458		0.0000	0.0000%	12888	2990	4.3	2			0.0000E+00
33	8.625		0.0000	0.0000%	27413	6563	4.2	2			0.0000E+00
34	8.908		0.0000	0.0000%	6155	1668	3.7	1			0.0000E+00
35	9.383		0.0000	0.0000%	18381	4333	4.2	1			0.0000E+00
36	10.083		0.0000	0.0000%	26417	5968	4.4	1			0.0000E+00
37	10.842		0.0000	0.0000%	7488	1552	4.8	1			0.0000E+00
38	11.225		0.0000	0.0000%	4719	882	5.3	1			0.0000E+00
39	12.817		0.0000	0.0000%	6286	1759	3.6	1			0.0000E+00
40	13.450		0.0000	0.0000%	3235	1137	2.8	1			0.0000E+00
42	14.883		0.0000	0.0000%	3262	989	3.3	1			0.0000E+00

TOTAL AMOUNT = 0.4770

Areas, times, and heights stored in: O:54PCB3.ATB
Data File = O:54PCB3.PTS Printed on 08-21-1998 at 18:29:08
Start time: 0.00 min. Stop time: 18.50 min. Offset: -50 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-21-1998 18:29:12 Version 5.1.5 **********

* Sample Name: AR1660 .05 PC038D Data File: O:54PCB4 *

* Date: 08-21-1998 10:06:31 Method: O:54PCB2 08-21-1998 00:41:43 # 4513*

* Interface: 2 Cycle#: 4 Operator TMC Channel#: 1 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

* Instrument Type: VARIAN 3400-6 Column Type: DB-1 30M .53Omm1.5um *

* Solvent Description: H2@3.3ML/MIN. @200 *

* Conditions: 210H3.5 290@6/minH3 I=240 D=310 *

* Detector 0: Detector 1: ECD4AT/R1 *

* Misc. Information: 2ul inj. 10ml/min split CID4342635 *

****

Starting Delay: 0.00 Ending retention time: 17.25

Area reject: 10000 One sample per 0.500 sec.

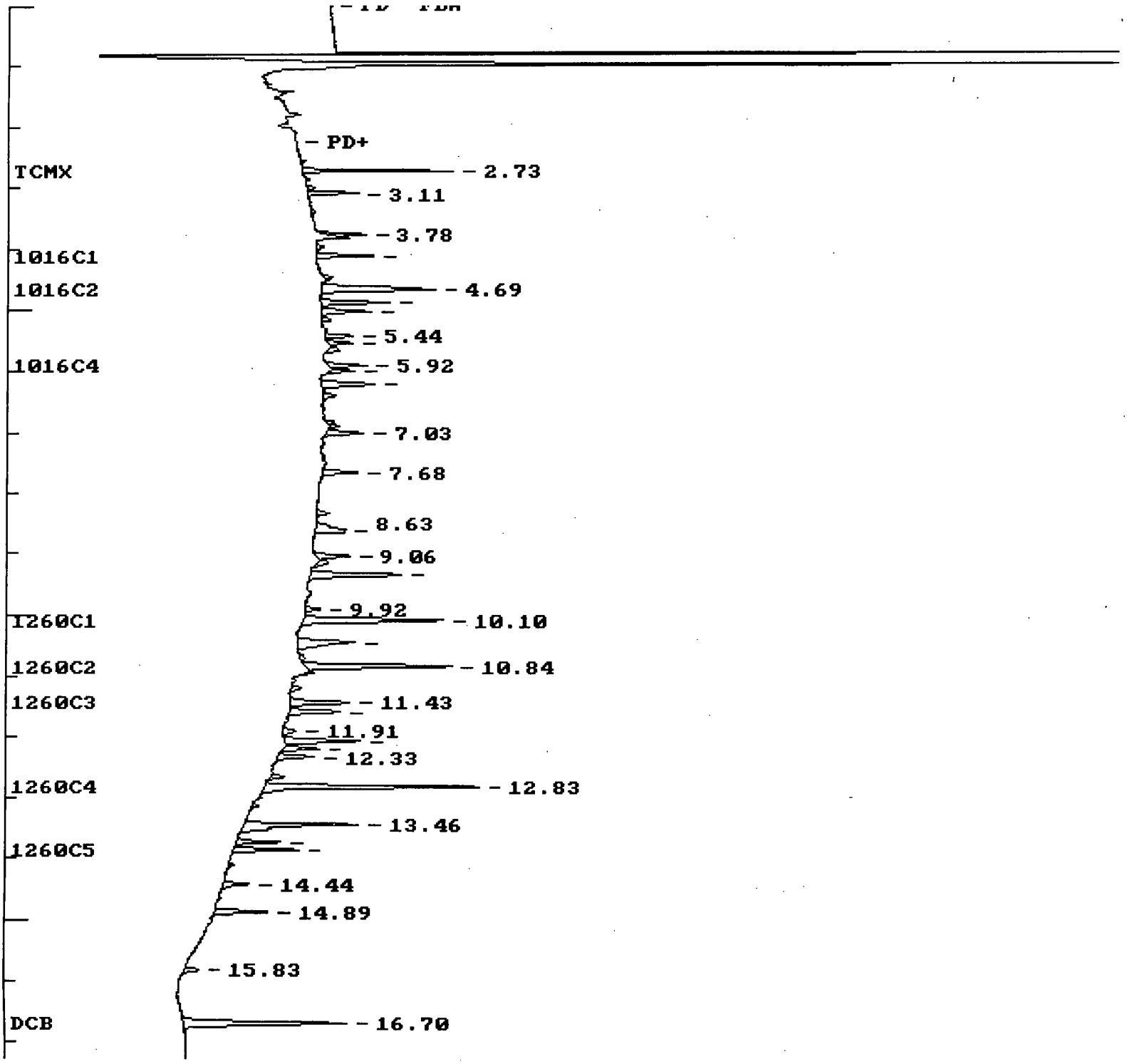
Amount injected: 1.00 Dilution factor: 1.00

Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
2	2.733	TCMX	0.0017	0.3391%	60781	28384	2.1	1	38	0	2.7344E-08
5	3.108		0.0000	0.0000%	23435	9402	2.5	1			0.0000E+00
7	3.783		0.0000	0.0000%	15187	6325	2.4	1			0.0000E+00
9	4.142	1016C1	0.0518	10.5781%	32359	10765	3.0	1	38	0	1.6023E-06
11	4.692	1016C2	0.0426	8.7009%	102119	21396	4.8	1	38	0	4.1761E-07
12	4.900	1016C3	0.0461	9.3999%	41598	12844	3.2	1	38	-.2425	1.1076E-06
13	5.042		0.0000	0.0000%	29628	9292	3.2	1			0.0000E+00
15	5.442		0.0000	0.0000%	15934	5179	3.1	1			0.0000E+00
16	5.550		0.0000	0.0000%	13171	4562	2.9	1			0.0000E+00
18	5.917	1016C4	0.0345	7.0391%	20491	6821	3.0	1	38	0	1.6837E-06
19	6.008		0.0000	0.0000%	12947	4649	2.8	1			0.0000E+00
20	6.217	1016C5	0.0510	10.4092%	43081	10036	4.3	1	38	-.0728	1.1843E-06
24	7.025		0.0000	0.0000%	26671	7074	3.8	1			0.0000E+00
25	7.675		0.0000	0.0000%	24095	6651	3.6	1			0.0000E+00
27	8.625		0.0000	0.0000%	31359	5667	5.5	1			0.0000E+00
28	9.058		0.0000	0.0000%	21153	6036	3.5	1			0.0000E+00
30	9.367		0.0000	0.0000%	73977	17281	4.3	1			0.0000E+00
31	9.917		0.0000	0.0000%	10942	2794	3.9	1			0.0000E+00
32	10.100	1260C1	0.0492	10.0376%	113616	26456	4.3	1	38	0	4.3302E-07
33	10.450		0.0000	0.0000%	58216	10895	5.3	1			0.0000E+00
35	10.842	1260C2	0.0411	8.3864%	109535	27166	4.0	1	38	0	3.7527E-07
38	11.433	1260C3	0.0535	10.9119%	47127	11111	4.2	1	38	0	1.1349E-06
39	11.583		0.0000	0.0000%	39379	9598	4.1	1			0.0000E+00
40	11.908		0.0000	0.0000%	10023	2486	4.0	1			0.0000E+00
41	12.075		0.0000	0.0000%	54294	14063	3.9	1			0.0000E+00
42	12.200		0.0000	0.0000%	22063	6637	3.3	1			0.0000E+00
43	12.333		0.0000	0.0000%	26817	6854	3.9	1			0.0000E+00
45	12.833	1260C4	0.0490	10.0022%	153903	40227	3.8	1	38	0	3.1854E-07
47	13.458		0.0000	0.0000%	91489	21322	4.3	1			0.0000E+00
48	13.750		0.0000	0.0000%	27051	8221	3.3	1			0.0000E+00
49	13.875	1260C5	0.0653	13.3199%	38199	12159	3.1	1	38	-.0128	1.7091E-06
51	14.442		0.0000	0.0000%	17614	4894	3.6	1			0.0000E+00
52	14.892		0.0000	0.0000%	35863	10281	3.5	1			0.0000E+00
53	15.833		0.0000	0.0000%	10613	2821	3.8	1			0.0000E+00
54	16.700	DCB	0.0043	0.8757%	136867	30207	4.5	1	54	0	3.1361E-08

TOTAL AMOUNT = 0.4901

Areas, times, and heights stored in: O:54PCB4.ATB
Data File = O:54PCB4.PTS Printed on 08-21-1998 at 18:29:13
Start time: 0.00 min. Stop time: 17.25 min. Offset: -50 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-21-1998 18:29:17 Version 5.1.5 **********

* Sample Name: AR1254 .05 PC049D Data File: O:54PCB5 *
* Date: 08-21-1998 10:27:27 Method: O:54PCB3 08-18-1998 13:48:46 # 3162*
* Interface: 2 Cycle#: 5 Operator TMC Channel#: 1 Vial#: N.A. *
* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

* Instrument Type: VARIAN 3400-6 Column Type: DB-1 30M .530mm1.5um *
* Solvent Description: H2@3.3ML/MIN. @200 *
* Conditions: 210H3.5 290@6/minH3 I=240 D=310 *
* Detector 0: Detector 1: ECD4AT/R1 *
* Misc. Information: 2ul inj. 10ml/min split CID4342635 *

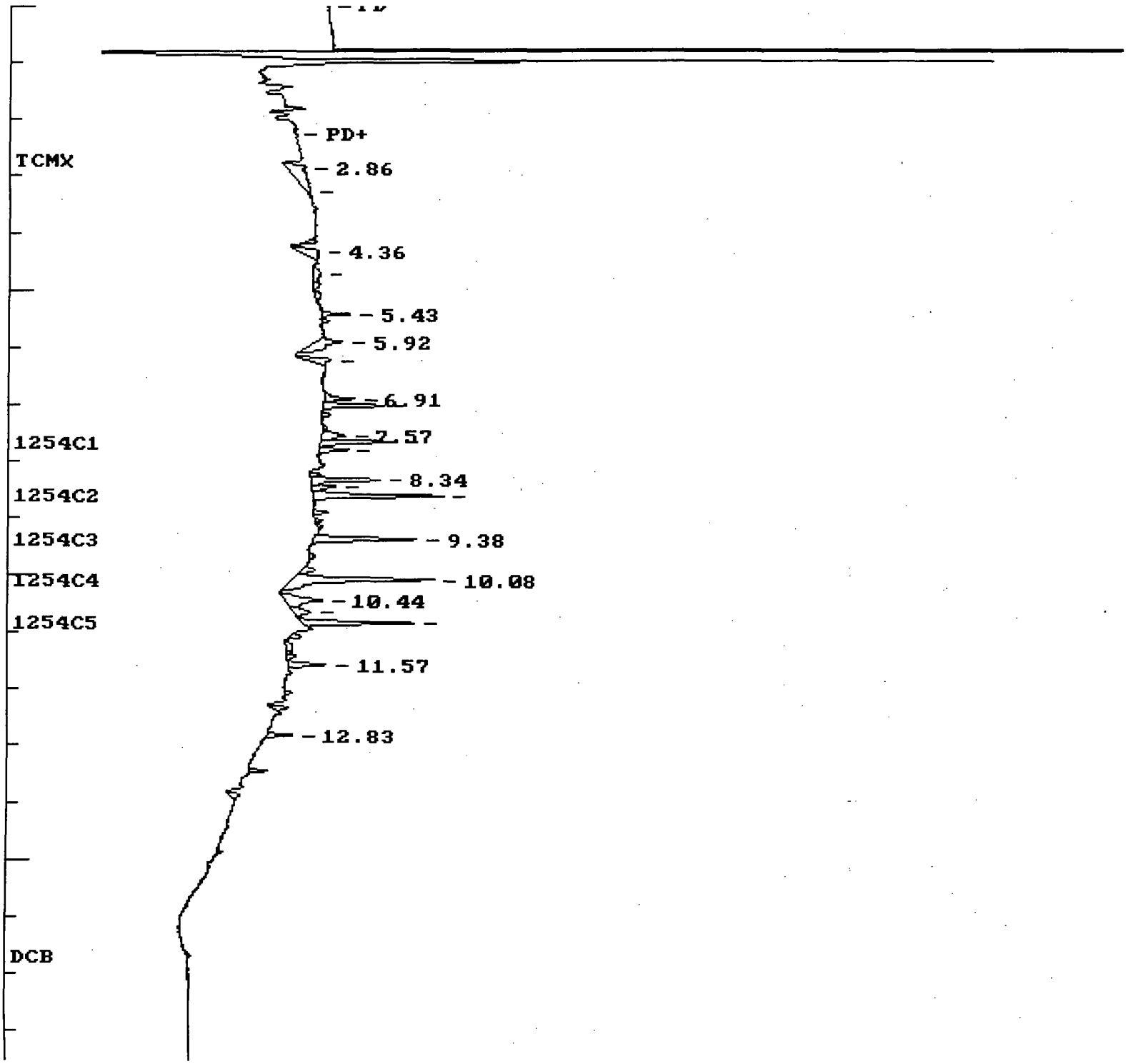
****

Starting Delay: 0.00 Ending retention time: 18.50
Area reject: 15000 One sample per 0.500 sec.
Amount injected: 1.00 Dilution factor: 1.00
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	2.858		0.0000	0.0000%	19579	3493	5.6	3			0.0000E+00
2	3.283		0.0000	0.0000%	41811	644	64.9	4			0.0000E+00
4	4.358		0.0000	0.0000%	24479	2495	9.8	1			0.0000E+00
5	4.725		0.0000	0.0000%	16075	1397	11.5	2			0.0000E+00
8	5.433		0.0000	0.0000%	18074	5430	3.3	2			0.0000E+00
10	5.917		0.0000	0.0000%	45084	4946	9.1	1			0.0000E+00
11	6.225		0.0000	0.0000%	19938	3481	5.7	1			0.0000E+00
12	6.908		0.0000	0.0000%	25529	5780	4.4	2			0.0000E+00
13	7.025		0.0000	0.0000%	45048	11419	3.9	2			0.0000E+00
16	7.567		0.0000	0.0000%	25294	4368	5.8	2			0.0000E+00
17	7.667	1254C1	0.0568	18.0938%	53755	14061	3.8	2	0	-.1085	1.0559E-06
18	7.808		0.0000	0.0000%	22367	5346	4.2	2			0.0000E+00
20	8.342		0.0000	0.0000%	52651	12875	4.1	2			0.0000E+00
21	8.458		0.0000	0.0000%	20188	4524	4.5	2			0.0000E+00
22	8.625	1254C2	0.0577	18.3893%	104206	24307	4.3	2	0	0	5.5357E-07
26	9.383	1254C3	0.0600	19.1363%	90024	19466	4.6	1	0	0	6.6682E-07
29	10.083	1254C4	0.0849	27.0550%	151721	26466	5.7	2	0	-.0826	5.5938E-07
30	10.442		0.0000	0.0000%	52094	6957	7.5	2			0.0000E+00
31	10.642		0.0000	0.0000%	20926	3207	6.5	2			0.0000E+00
32	10.833	1254C5	0.0543	17.3256%	83204	20737	4.0	1	0	0	6.5320E-07
36	11.567		0.0000	0.0000%	31865	7187	4.4	2			0.0000E+00
39	12.825		0.0000	0.0000%	18499	4951	3.7	1			0.0000E+00

TOTAL AMOUNT = 0.3137

Areas, times, and heights stored in: O:54PCB5.ATB
Data File = O:54PCB5.PTS Printed on 08-21-1998 at 18:29:18
Start time: 0.00 min. Stop time: 18.50 min. Offset: -50 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-21-1998 18:29:21 Version 5.1.5 **********

* Sample Name: AR1242 .05 PC053D Data File: O:54PCB6 *

* Date: 08-21-1998 10:48:22 Method: O:54PCB4 08-18-1998 13:49:57 # 4196*

* Interface: 2 Cycle#: 6 Operator TMC Channel#: 1 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

* Instrument Type: VARIAN 3400-6 Column Type: DB-1 30M .53Omml.5um *

* Solvent Description: H2@3.3ML/MIN. @200 *

* Conditions: 210H3.5 290@6/minH3 I=240 D=310 *

* Detector 0: Detector 1: ECD4AT/R1 *

* Misc. Information: 2ul inj. 10ml/min split CID4342635 *

****

Starting Delay: 0.00 Ending retention time: 18.50

Area reject: 4000 One sample per 0.500 sec.

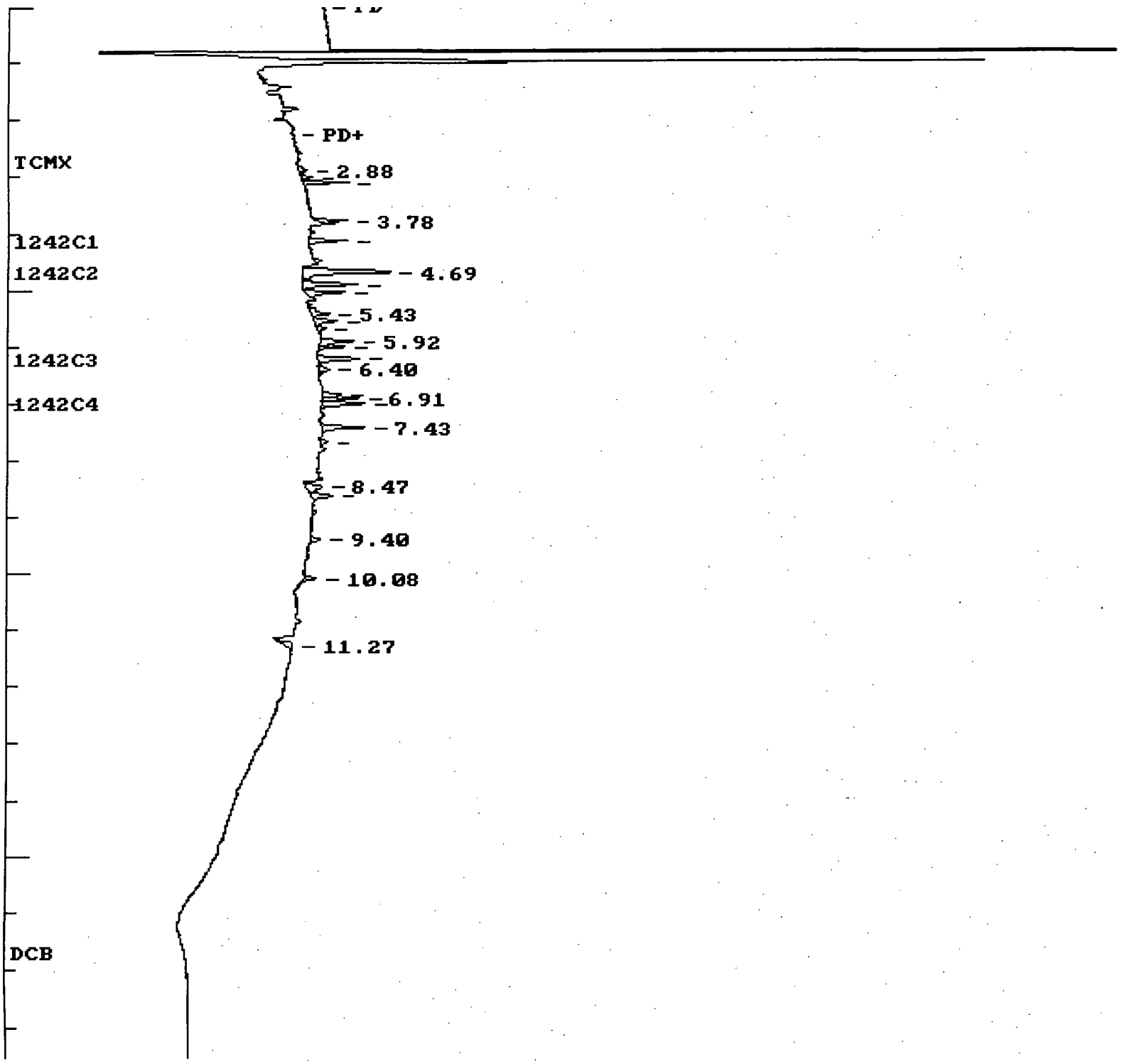
Amount injected: 1.00 Dilution factor: 1.00

Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
2	2.883		0.0000	0.0000%	6321	1436	4.4	2			0.0000E+00
3	3.017		0.0000	0.0000%	5924	1959	3.0	2			0.0000E+00
4	3.108		0.0000	0.0000%	21855	8468	2.6	2			0.0000E+00
5	3.783		0.0000	0.0000%	10721	4619	2.3	1			0.0000E+00
7	4.142	1242C1	0.0499	18.9770%	20616	7285	2.8	1	0	0	2.4213E-06
9	4.692	1242C2	0.0612	23.2484%	89551	16411	5.5	2	0	-.1773	6.8288E-07
10	4.908		0.0000	0.0000%	41588	10367	4.0	2			0.0000E+00
11	5.050		0.0000	0.0000%	22013	7022	3.1	1			0.0000E+00
13	5.433		0.0000	0.0000%	16869	3323	5.1	2			0.0000E+00
14	5.558		0.0000	0.0000%	17487	4286	4.1	2			0.0000E+00
15	5.683		0.0000	0.0000%	5139	1505	3.4	2			0.0000E+00
16	5.917		0.0000	0.0000%	22873	6336	3.6	2			0.0000E+00
17	6.008		0.0000	0.0000%	17659	5063	3.5	2			0.0000E+00
18	6.217	1242C3	0.0593	22.5402%	36168	8060	4.5	2	0	-.1338	1.6393E-06
19	6.400		0.0000	0.0000%	12058	2135	5.6	2			0.0000E+00
20	6.842		0.0000	0.0000%	11868	3596	3.3	2			0.0000E+00
21	6.908		0.0000	0.0000%	25930	7035	3.7	2			0.0000E+00
22	7.008	1242C4	0.0476	18.1087%	31493	8103	3.9	2	0	0	1.5125E-06
23	7.425	1242C5	0.0450	17.1257%	31670	8148	3.9	1	0	0	1.4224E-06
24	7.675		0.0000	0.0000%	5910	1494	4.0	1			0.0000E+00
26	8.467		0.0000	0.0000%	18729	3006	6.2	2			0.0000E+00
27	8.625		0.0000	0.0000%	19525	4008	4.9	2			0.0000E+00
29	9.400		0.0000	0.0000%	8588	2080	4.1	1			0.0000E+00
30	10.083		0.0000	0.0000%	10693	2690	4.0	1			0.0000E+00
31	11.267		0.0000	0.0000%	9307	1122	8.3	1			0.0000E+00

TOTAL AMOUNT = 0.2630

Areas, times, and heights stored in: O:54PCB6.ATB
Data File = O:54PCB6.PTS Printed on 08-21-1998 at 18:29:23
Start time: 0.00 min. Stop time: 18.50 min. Offset: -50 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-21-1998 18:29:26 Version 5.1.5 **********

* Sample Name: AR2148 0.1 PC046D Data File: O:54PCB7 *

* Date: 08-21-1998 11:09:14 Method: O:54PCB1 08-18-1998 13:47:16 # 4587*

* Interface: 2 Cycle#: 7 Operator TMC Channel#: 1 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

* Instrument Type: VARIAN 3400-6 Column Type: DB-1 30M .53Omml.5um *

* Solvent Description: H2@3.3ML/MIN. @200 *

* Conditions: 210H3.5 290@6/minH3 I=240 D=310 *

* Detector 0: Detector 1: ECD4AT/R1 *

* Misc. Information: 2ul inj. 10ml/min split CID4342635 *

****

Starting Delay: 0.00 Ending retention time: 18.50

Area reject: 3000 One sample per 0.500 sec.

Amount injected: 1.00 Dilution factor: 1.00

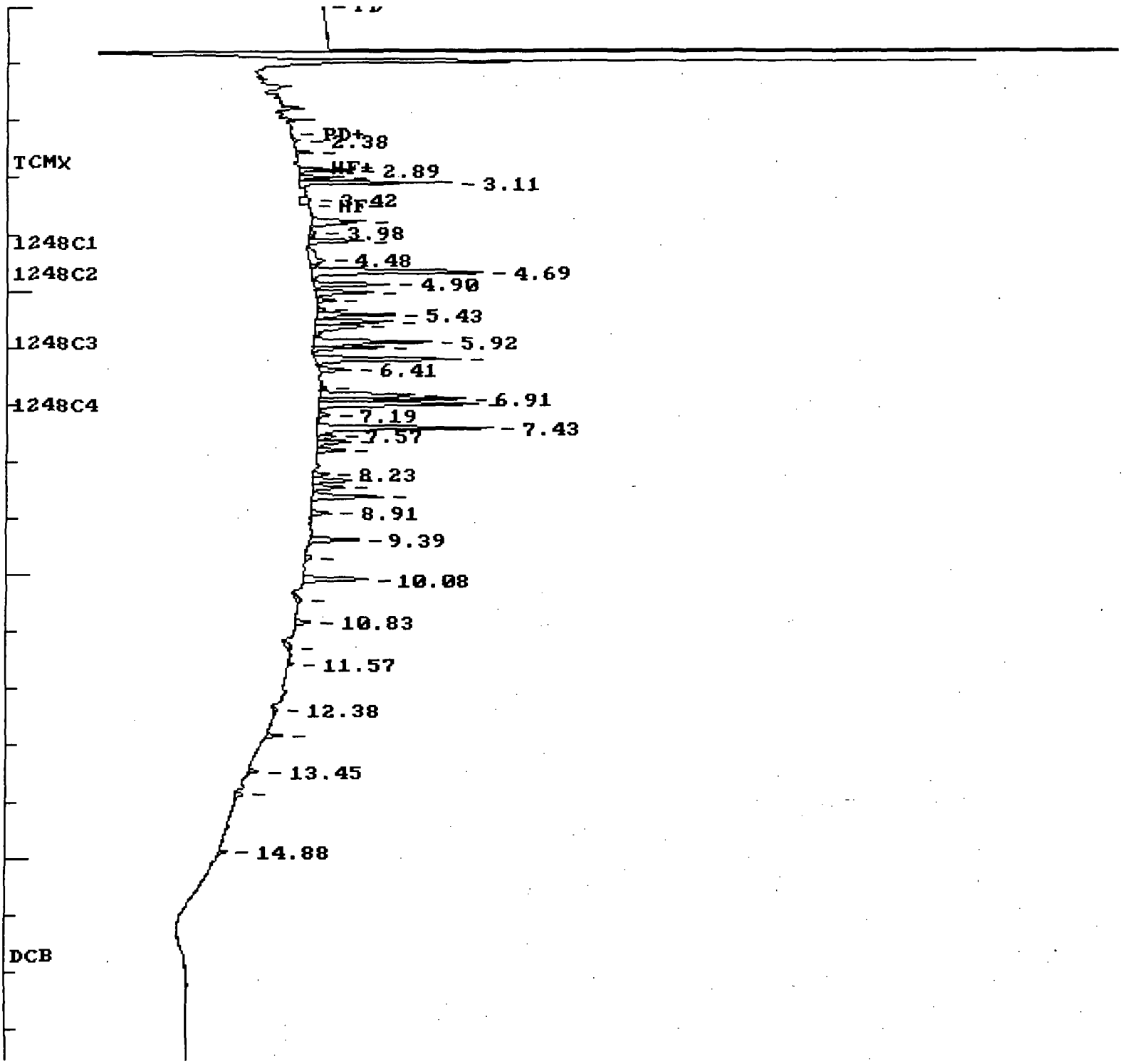
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	2.375		0.0000	0.0000%	3688	1522	2.4	1			0.0000E+00
2	2.583		0.0000	0.0000%	7464	3206	2.3	1			0.0000E+00
3	2.892	1221C1	0.1175	11.9147%	27701	9772	2.8	2	0	0	4.2433E-06
4	3.017	1221C2	0.1327	13.4462%	20929	8214	2.5	2	0	0	6.3380E-06
5	3.108	1221C3	0.1250	12.6724%	79385	28592	2.8	2	0	0	1.5748E-06
6	3.417		0.0000	0.0000%	11662	1955	6.0	1			0.0000E+00
7	3.783		0.0000	0.0000%	52080	10274	5.1	2			0.0000E+00
8	3.975		0.0000	0.0000%	6066	1317	4.6	2			0.0000E+00
9	4.142	1248C1	0.1424	14.4321%	35377	10491	3.4	2	0	0	4.0246E-06
10	4.483		0.0000	0.0000%	24248	2841	8.5	2			0.0000E+00
11	4.692	1248C2	0.1181	11.9726%	160029	32082	5.0	2	0	-.1773	7.3807E-07
12	4.900		0.0000	0.0000%	48602	14205	3.4	2			0.0000E+00
13	5.042		0.0000	0.0000%	36662	10888	3.4	2			0.0000E+00
14	5.183		0.0000	0.0000%	11695	3506	3.3	2			0.0000E+00
15	5.342		0.0000	0.0000%	4714	1405	3.4	2			0.0000E+00
16	5.433		0.0000	0.0000%	49995	14700	3.4	2			0.0000E+00
17	5.550		0.0000	0.0000%	49921	14438	3.5	2			0.0000E+00
18	5.633		0.0000	0.0000%	54158	8873	6.1	2			0.0000E+00
19	5.917	1248C3	0.1299	13.1675%	84604	22080	3.8	2	0	0	1.5354E-06
20	6.008		0.0000	0.0000%	48967	13286	3.7	2			0.0000E+00
21	6.217		0.0000	0.0000%	116356	27451	4.2	2			0.0000E+00
22	6.408		0.0000	0.0000%	21353	5849	3.7	2			0.0000E+00
23	6.725		0.0000	0.0000%	4171	1309	3.2	2			0.0000E+00
24	6.842		0.0000	0.0000%	64367	17792	3.6	2			0.0000E+00
25	6.908		0.0000	0.0000%	98786	27368	3.6	2			0.0000E+00
26	7.000	1248C4	0.1105	11.1998%	121344	29905	4.1	2	0	-.1189	9.1054E-07
27	7.192		0.0000	0.0000%	9445	2203	4.3	2			0.0000E+00
28	7.425	1248C5	0.1104	11.1948%	137197	32826	4.2	3	0	0	8.0498E-07
29	7.567		0.0000	0.0000%	12635	3290	3.8	4			0.0000E+00
30	7.667		0.0000	0.0000%	25258	6295	4.0	2			0.0000E+00
31	7.808		0.0000	0.0000%	21996	5350	4.1	2			0.0000E+00
32	8.225		0.0000	0.0000%	10026	2839	3.5	2			0.0000E+00
33	8.342		0.0000	0.0000%	27604	7048	3.9	2			0.0000E+00
34	8.458		0.0000	0.0000%	25309	5996	4.2	2			0.0000E+00
35	8.617		0.0000	0.0000%	55959	13301	4.2	2			0.0000E+00
36	8.908		0.0000	0.0000%	14748	3776	3.9	1			0.0000E+00
37	9.392		0.0000	0.0000%	38905	9315	4.2	1			0.0000E+00
38	9.700		0.0000	0.0000%	4792	1130	4.2	1			0.0000E+00

39	10.083	0.0000	0.0000%	52510	12201	4.3	1	0.0000E+00
40	10.450	0.0000	0.0000%	7592	1018	7.5	1	0.0000E+00
41	10.833	0.0000	0.0000%	11117	2842	3.9	1	0.0000E+00
42	11.275	0.0000	0.0000%	7692	823	9.3	1	0.0000E+00
43	11.567	0.0000	0.0000%	4270	1128	3.8	1	0.0000E+00
44	12.375	0.0000	0.0000%	3492	623	5.6	1	0.0000E+00
45	12.825	0.0000	0.0000%	12550	3345	3.8	1	0.0000E+00
46	13.450	0.0000	0.0000%	8270	2060	4.0	1	0.0000E+00
47	13.867	0.0000	0.0000%	5936	1536	3.9	1	0.0000E+00
48	14.875	0.0000	0.0000%	5055	1420	3.6	1	0.0000E+00

TOTAL AMOUNT = 0.9865

Areas, times, and heights stored in: O:54PCB7.ATB
Data File = O:54PCB7.PTS Printed on 08-21-1998 at 18:29:28
Start time: 0.00 min. Stop time: 18.50 min. Offset: -50 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-21-1998 18:29:32 Version 5.1.5 **********

* Sample Name: AR1660 0.1 PC039D Data File: O:54PCB8 *

* Date: 08-21-1998 11:30:14 Method: O:54PCB2 08-21-1998 00:41:43 # 4513*

* Interface: 2 Cycle#: 8 Operator TMC Channel#: 1 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

* Instrument Type: VARIAN 3400-6 Column Type: DB-1 30M .53Omm1.5um *

* Solvent Description: H2@3.3ML/MIN. @200 *

* Conditions: 210H3.5 290@6/minH3 I=240 D=310 *

* Detector 0: Detector 1: ECD4AT/R1 *

* Misc. Information: 2ul inj. 10ml/min split CID4342635 *

****

Starting Delay: 0.00 Ending retention time: 17.25

Area reject: 10000 One sample per 0.500 sec.

Amount injected: 1.00 Dilution factor: 1.00

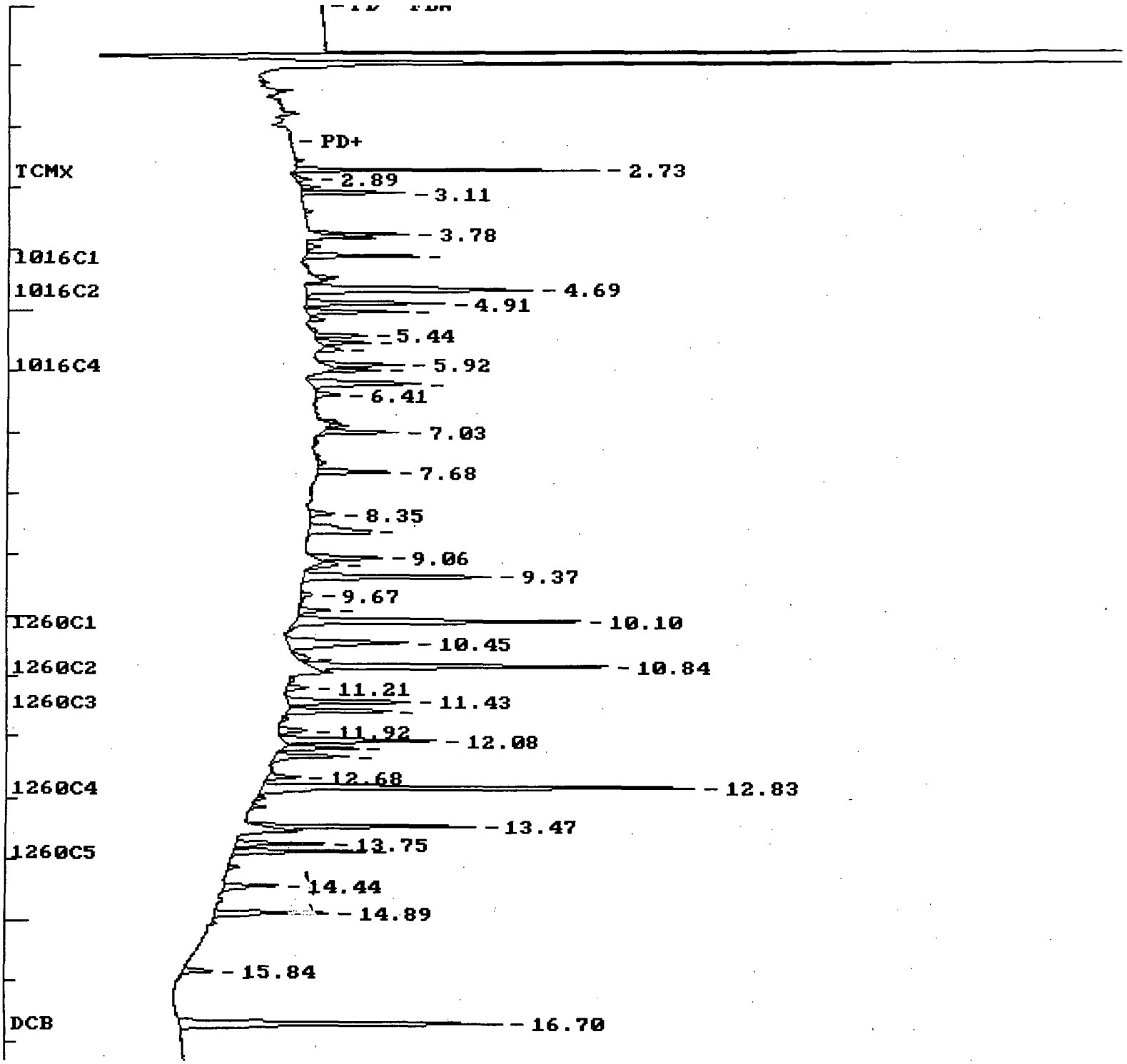
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
2	2.733	TCMX	0.0034	0.3420%	125017	57066	2.2	1	46	0	2.7344E-08
3	2.892		0.0000	0.0000%	10573	2694	3.9	1			0.0000E+00
5	3.108		0.0000	0.0000%	47668	19135	2.5	1			0.0000E+00
7	3.783		0.0000	0.0000%	29929	12666	2.4	1			0.0000E+00
10	4.142	1016C1	0.0996	9.9634%	62149	21222	2.9	1	46	0	1.6023E-06
12	4.692	1016C2	0.0878	8.7814%	210161	42519	4.9	1	46	0	4.1761E-07
13	4.908	1016C3	0.0951	9.5200%	85906	25864	3.3	1	46	0	1.1076E-06
14	5.050		0.0000	0.0000%	56695	18552	3.1	1			0.0000E+00
17	5.442		0.0000	0.0000%	29808	9725	3.1	1			0.0000E+00
18	5.550		0.0000	0.0000%	27303	9063	3.0	1			0.0000E+00
19	5.675		0.0000	0.0000%	15965	4020	4.0	1			0.0000E+00
20	5.917	1016C4	0.0706	7.0618%	41919	13848	3.0	1	46	0	1.6837E-06
21	6.008		0.0000	0.0000%	27159	9577	2.8	1			0.0000E+00
22	6.225	1016C5	0.1063	10.6359%	89761	20526	4.4	1	46	0	1.1843E-06
23	6.408		0.0000	0.0000%	15782	4442	3.6	1			0.0000E+00
28	7.025		0.0000	0.0000%	55513	14417	3.9	1			0.0000E+00
32	7.675		0.0000	0.0000%	48913	13562	3.6	1			0.0000E+00
33	8.350		0.0000	0.0000%	20041	4747	4.2	1			0.0000E+00
34	8.625		0.0000	0.0000%	63664	11530	5.5	1			0.0000E+00
35	9.058		0.0000	0.0000%	43043	12175	3.5	1			0.0000E+00
36	9.167		0.0000	0.0000%	19380	3793	5.1	1			0.0000E+00
37	9.367		0.0000	0.0000%	151348	35052	4.3	1			0.0000E+00
38	9.667		0.0000	0.0000%	11090	2087	5.3	1			0.0000E+00
39	9.925		0.0000	0.0000%	22391	5885	3.8	1			0.0000E+00
40	10.100	1260C1	0.1033	10.3328%	238491	53343	4.5	1	46	0	4.3302E-07
41	10.450		0.0000	0.0000%	125051	22378	5.6	1			0.0000E+00
42	10.717		0.0000	0.0000%	10149	1878	5.4	1			0.0000E+00
43	10.842	1260C2	0.0833	8.3376%	222054	55071	4.0	1	46	0	3.7527E-07
45	11.208		0.0000	0.0000%	14798	3896	3.8	1			0.0000E+00
46	11.433	1260C3	0.1084	10.8481%	95535	22600	4.2	1	46	0	1.1349E-06
47	11.583		0.0000	0.0000%	80784	19414	4.2	1			0.0000E+00
49	11.917		0.0000	0.0000%	21404	5276	4.1	1			0.0000E+00
50	12.075		0.0000	0.0000%	109609	28104	3.9	1			0.0000E+00
51	12.200		0.0000	0.0000%	46512	13594	3.4	1			0.0000E+00
52	12.333		0.0000	0.0000%	54899	13677	4.0	1			0.0000E+00
54	12.675		0.0000	0.0000%	24744	6224	4.0	1			0.0000E+00
55	12.833	1260C4	0.0996	9.9638%	312622	80832	3.9	1	46	0	3.1854E-07
58	13.467		0.0000	0.0000%	118748	37558	3.2	1			0.0000E+00

59	13.750		0.0000	0.0000%	58595	16777	3.5	1			0.0000E+00
60	13.875	1260C5	0.1335	13.3573%	78111	24531	3.2	1	46	-.0128	1.7091E-06
62	14.442		0.0000	0.0000%	36478	10246	3.6	1			0.0000E+00
63	14.892		0.0000	0.0000%	73514	21225	3.5	1			0.0000E+00
65	15.842		0.0000	0.0000%	21283	5515	3.9	1			0.0000E+00
66	16.700	DCB	0.0086	0:8560%	272792	60049	4.5	1	66	0	3.1361E-08

TOTAL AMOUNT = 0.9995

Areas, times, and heights stored in: O:54PCB8.ATB
Data File = O:54PCB8.PTS Printed on 08-21-1998 at 18:29:33
Start time: 0.00 min. Stop time: 17.25 min. Offset: -50 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-21-1998 18:29:37 Version 5.1.5 **********

* Sample Name: AR1254 0.1 PC050D Data File: O:54PCB9 *

* Date: 08-21-1998 11:51:06 Method: O:54PCB3 08-18-1998 13:48:46 # 3162*

* Interface: 2 Cycle#: 9 Operator TMC Channel#: 1 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

* Instrument Type: VARIAN 3400-6 Column Type: DB-1 30M .53Omml.5um *

* Solvent Description: H2@3.3ML/MIN. @200 *

* Conditions: 210H3.5 290@6/minH3 I=240 D=310 *

* Detector 0: Detector 1: ECD4AT/R1 *

* Misc. Information: 2ul inj. 10ml/min split CID4342635 *

****

Starting Delay: 0.00 Ending retention time: 18.50

Area reject: 15000 One sample per 0.500 sec.

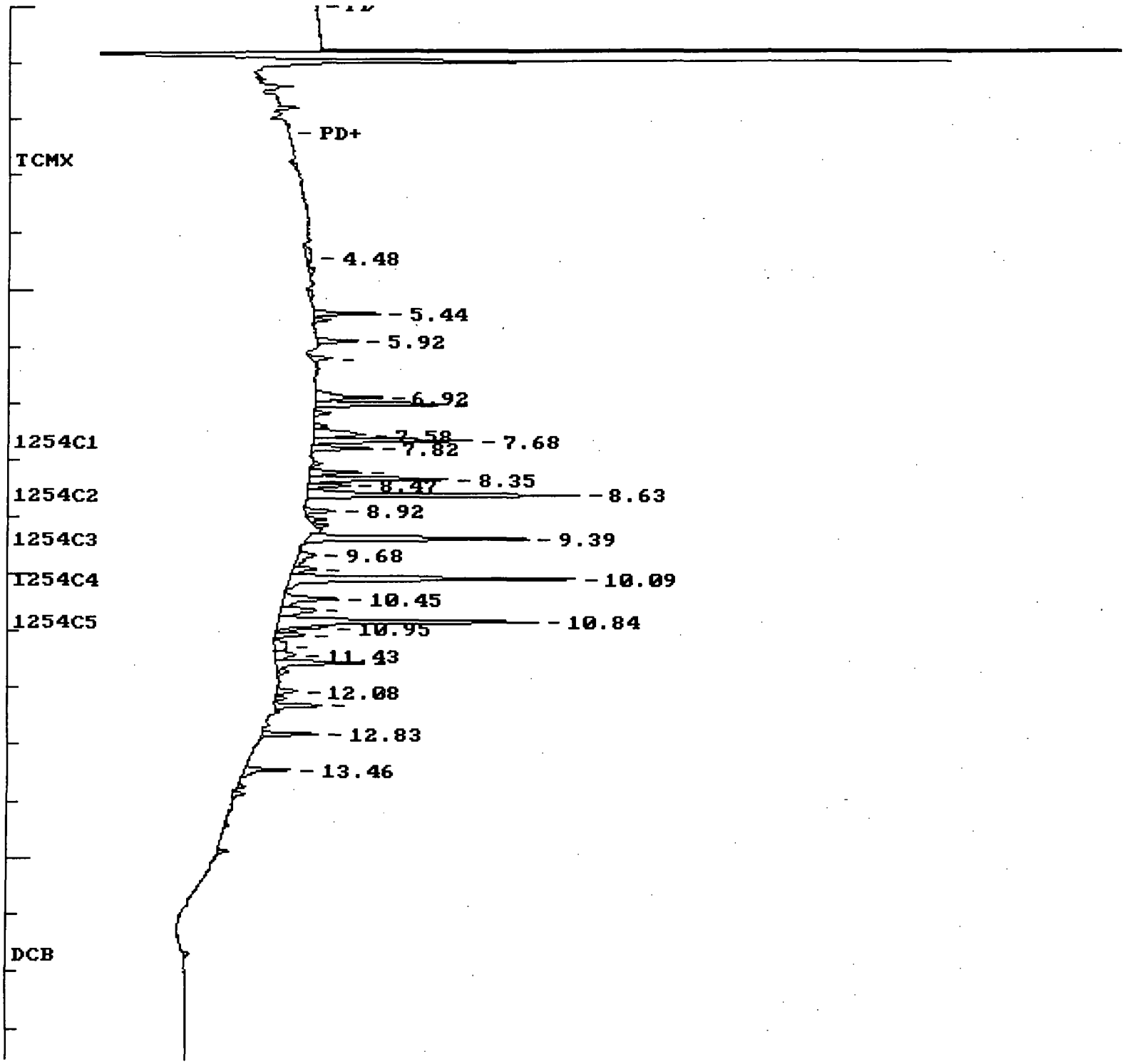
Amount injected: 1.00 Dilution factor: 1.00

Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
2	4.475		0.0000	0.0000%	17771	1034	17.2	1			0.0000E+00
5	5.442		0.0000	0.0000%	40994	12398	3.3	2			0.0000E+00
7	5.917		0.0000	0.0000%	26506	7711	3.4	1			0.0000E+00
8	6.225		0.0000	0.0000%	15827	3792	4.2	1			0.0000E+00
9	6.917		0.0000	0.0000%	56682	12484	4.5	2			0.0000E+00
10	7.033		0.0000	0.0000%	95672	24416	3.9	2			0.0000E+00
13	7.575		0.0000	0.0000%	57783	9647	6.0	2			0.0000E+00
14	7.675	1254C1	0.1207	18.2354%	114275	29899	3.8	2	0	0	1.0559E-06
15	7.817		0.0000	0.0000%	43970	11326	3.9	2			0.0000E+00
17	8.233		0.0000	0.0000%	35537	9585	3.7	2			0.0000E+00
18	8.350		0.0000	0.0000%	99248	25973	3.8	2			0.0000E+00
19	8.467		0.0000	0.0000%	31636	7740	4.1	2			0.0000E+00
20	8.625	1254C2	0.1182	17.8594%	213473	50989	4.2	2	0	0	5.5357E-07
21	8.917		0.0000	0.0000%	21330	5713	3.7	1			0.0000E+00
24	9.392	1254C3	0.1285	19.4187%	192693	41447	4.6	1	0	0	6.6682E-07
25	9.683		0.0000	0.0000%	25912	3281	7.9	2			0.0000E+00
26	9.925		0.0000	0.0000%	22231	4429	5.0	2			0.0000E+00
27	10.092	1254C4	0.1408	21.2796%	251715	53472	4.7	2	0	0	5.5938E-07
28	10.450		0.0000	0.0000%	59091	10571	5.6	2			0.0000E+00
29	10.650		0.0000	0.0000%	48992	6695	7.3	2			0.0000E+00
30	10.842	1254C5	0.1536	23.2069%	235083	48776	4.8	3	0	0	6.5320E-07
31	10.950		0.0000	0.0000%	33111	7429	4.5	4			0.0000E+00
32	11.075		0.0000	0.0000%	26186	5841	4.5	2			0.0000E+00
33	11.292		0.0000	0.0000%	23229	2283	10.2	2			0.0000E+00
34	11.433		0.0000	0.0000%	22905	3986	5.7	2			0.0000E+00
35	11.575		0.0000	0.0000%	78743	16326	4.8	3			0.0000E+00
37	12.075		0.0000	0.0000%	15871	3867	4.1	2			0.0000E+00
39	12.325		0.0000	0.0000%	32156	8851	3.6	1			0.0000E+00
40	12.833		0.0000	0.0000%	38365	10570	3.6	1			0.0000E+00
41	13.458		0.0000	0.0000%	33296	8548	3.9	1			0.0000E+00

TOTAL AMOUNT = 0.6617

Areas, times, and heights stored in: O:54PCB9.ATB
Data File = O:54PCB9.PTS Printed on 08-21-1998 at 18:29:38
Start time: 0.00 min. Stop time: 18.50 min. Offset: -50 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-21-1998 18:29:42 Version 5.1.5 **********

* Sample Name: AR1242 0.1 PC054D Data File: O:54PCB10 *

* Date: 08-21-1998 12:12:01 Method: O:54PCB4 08-18-1998 13:49:57 # 4196*

* Interface: 2 Cycle#: 10 Operator TMC Channel#: 1 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

* Instrument Type: VARIAN 3400-6 Column Type: DB-1 30M .530mm1.5um *

* Solvent Description: H2@3.3ML/MIN. @200 *

* Conditions: 210H3.5 290@6/minH3 I=240 D=310 *

* Detector 0: Detector 1: ECD4AT/R1 *

* Misc. Information: 2ul inj. 10ml/min split CID4342635 *

****

Starting Delay: 0.00 Ending retention time: 18.50

Area reject: 4000 One sample per 0.500 sec.

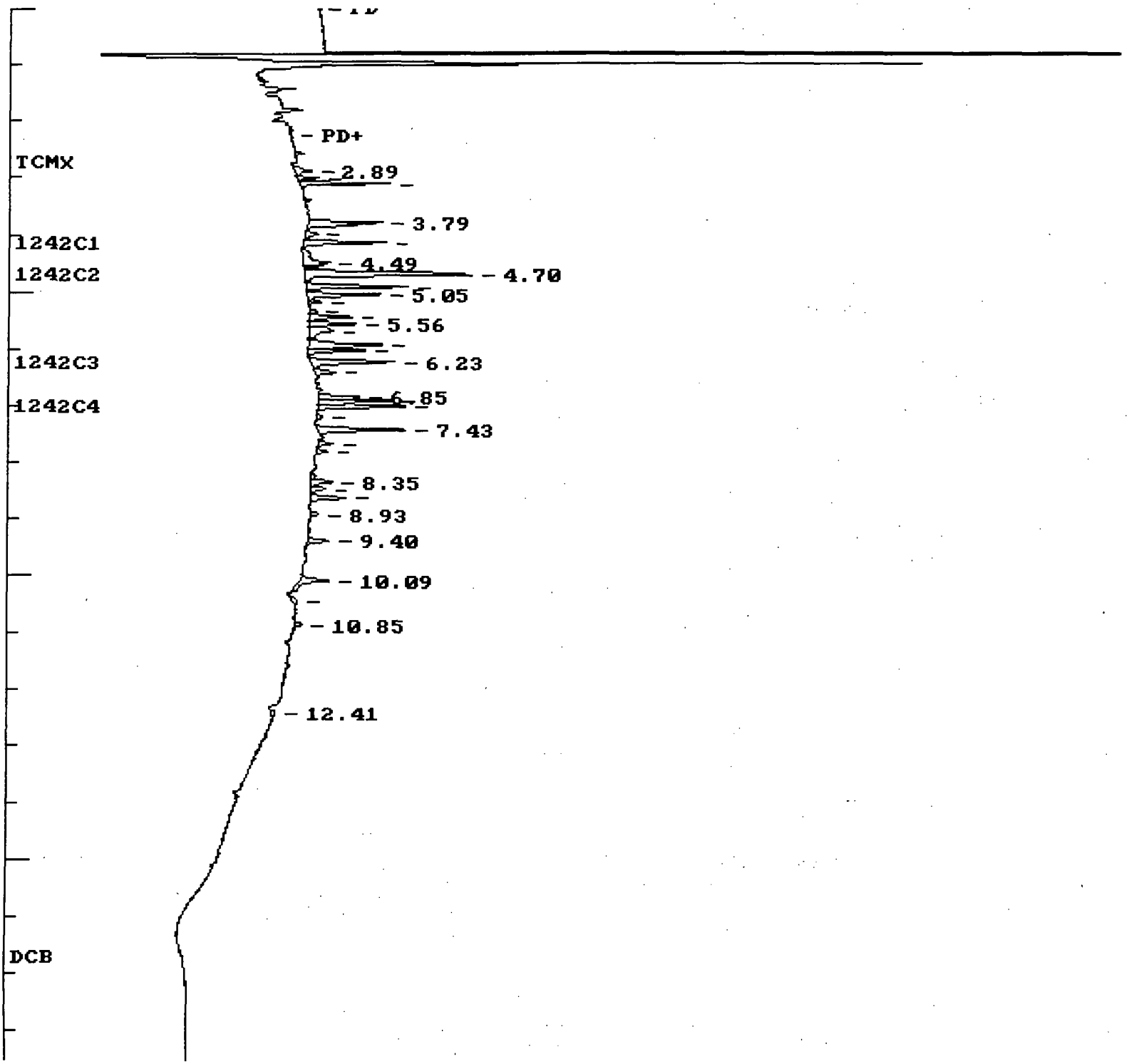
Amount injected: 1.00 Dilution factor: 1.00

Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
2	2.892		0.0000	0.0000%	16508	3309	5.0	2			0.0000E+00
3	3.025		0.0000	0.0000%	12786	4027	3.2	2			0.0000E+00
4	3.108		0.0000	0.0000%	43274	16879	2.6	2			0.0000E+00
6	3.792		0.0000	0.0000%	66284	13881	4.8	2			0.0000E+00
7	3.992		0.0000	0.0000%	11733	2265	5.2	2			0.0000E+00
8	4.142	1242C1	0.1190	22.4469%	49159	15397	3.2	2	0	0	2.4213E-06
9	4.492		0.0000	0.0000%	33407	4984	6.7	2			0.0000E+00
10	4.700	1242C2	0.1082	20.3970%	158387	31403	5.0	2	0	0	6.8288E-07
11	4.908		0.0000	0.0000%	65737	19095	3.4	2			0.0000E+00
12	5.050		0.0000	0.0000%	46286	13857	3.3	3			0.0000E+00
13	5.183		0.0000	0.0000%	7692	2543	3.0	4			0.0000E+00
14	5.350		0.0000	0.0000%	4939	1403	3.5	2			0.0000E+00
15	5.442		0.0000	0.0000%	28775	8020	3.6	2			0.0000E+00
16	5.558		0.0000	0.0000%	34197	8901	3.8	2			0.0000E+00
17	5.683		0.0000	0.0000%	31694	4690	6.8	2			0.0000E+00
18	5.925		0.0000	0.0000%	56786	13796	4.1	2			0.0000E+00
19	6.017		0.0000	0.0000%	44454	10839	4.1	2			0.0000E+00
20	6.225	1242C3	0.1163	21.9390%	70968	15810	4.5	2	0	0	1.6393E-06
21	6.408		0.0000	0.0000%	14276	3679	3.9	2			0.0000E+00
23	6.850		0.0000	0.0000%	27152	7834	3.5	2			0.0000E+00
24	6.917		0.0000	0.0000%	52865	14121	3.7	2			0.0000E+00
25	7.008	1242C4	0.0961	18.1286%	63557	16490	3.9	2	0	0	1.5125E-06
26	7.200		0.0000	0.0000%	5181	1209	4.3	1			0.0000E+00
27	7.433	1242C5	0.0906	17.0885%	63705	16360	3.9	1	0	.1122	1.4224E-06
28	7.675		0.0000	0.0000%	9362	2905	3.2	2			0.0000E+00
29	7.817		0.0000	0.0000%	8088	2170	3.7	2			0.0000E+00
31	8.350		0.0000	0.0000%	16337	3926	4.2	2			0.0000E+00
32	8.483		0.0000	0.0000%	12421	2696	4.6	2			0.0000E+00
33	8.625		0.0000	0.0000%	28507	6567	4.3	2			0.0000E+00
34	8.925		0.0000	0.0000%	6620	1619	4.1	1			0.0000E+00
35	9.400		0.0000	0.0000%	15935	3988	4.0	1			0.0000E+00
36	10.092		0.0000	0.0000%	33134	5674	5.8	1			0.0000E+00
37	10.450		0.0000	0.0000%	8379	1013	8.3	1			0.0000E+00
38	10.850		0.0000	0.0000%	5195	1368	3.8	1			0.0000E+00
39	12.408		0.0000	0.0000%	6358	886	7.2	1			0.0000E+00

TOTAL AMOUNT = 0.5303

Areas, times, and heights stored in: O:54PCB10.ATB
Data File = O:54PCB10.PTS Printed on 08-21-1998 at 18:29:43
Start time: 0.00 min. Stop time: 18.50 min. Offset: -50 mv.
Full Range: 200 millivolts



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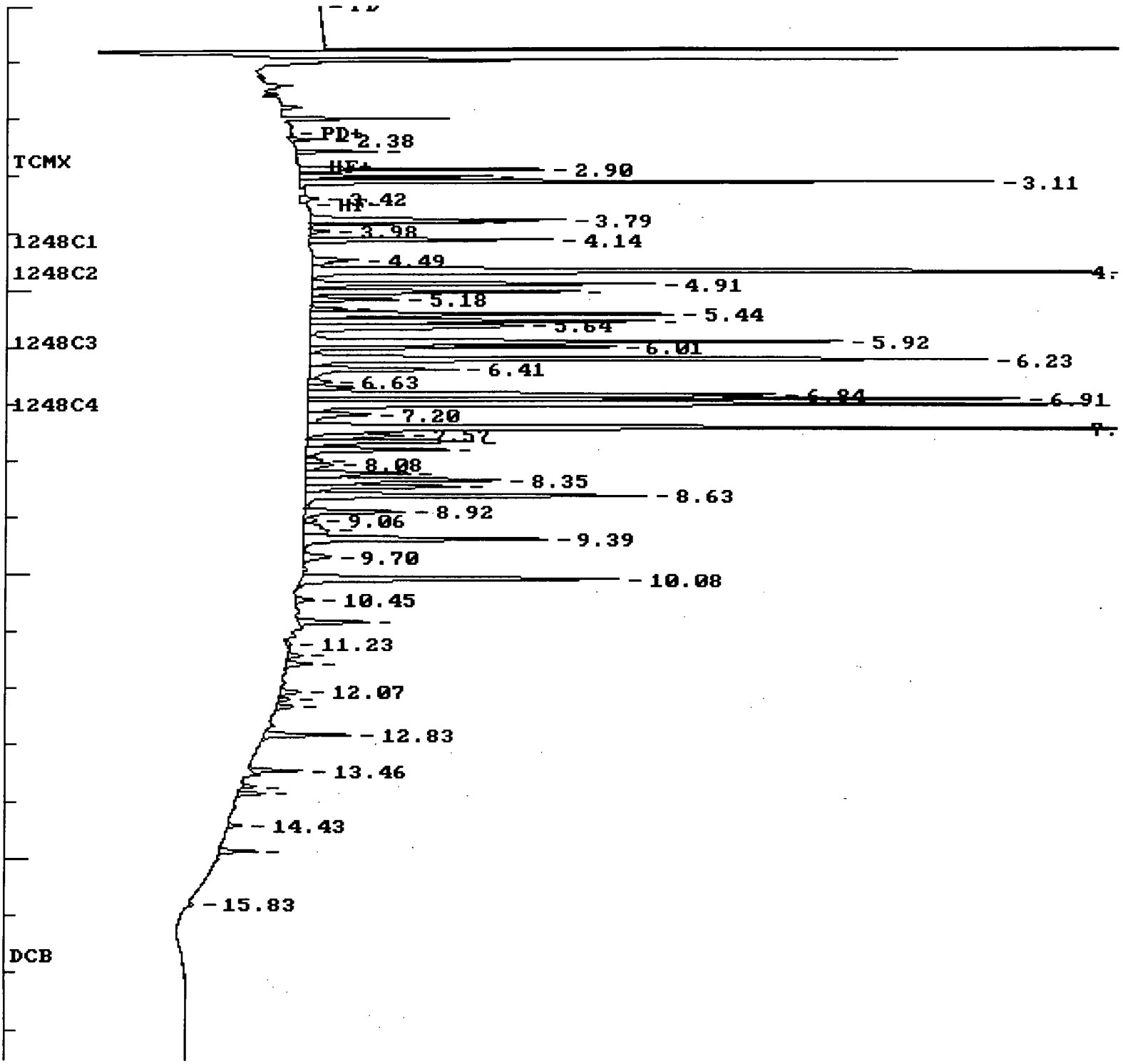
******* EXTERNAL STANDARD TABLE *******
******************** 08-21-1998 18:29:47 Version 5.1.5 ********************
* Sample Name: AR2148 0.5 PC047D                Data File: O:54PCB11        *
* Date: 08-21-1998 12:32:56 Method: O:54PCB1  08-18-1998 13:47:16  #  4587*
* Interface: 2   Cycle#:  11   Operator TMC Channel#: 1    Vial#: N.A.     *
* Starting Peak Width:  5   Threshold: 15  Area Threshold: 1000            *
*************************************************************************
* Instrument Type: VARIAN 3400-6        Column Type: DB-1 30M .53Omml.5um *
*            Solvent Description: H2@3.3ML/MIN. @200                     *
* Conditions: 210H3.5 290@6/minH3                  I=240 D=310            *
*            Detector 0:                      Detector 1: ECD4AT/R1       *
* Misc. Information: 2ul inj. 10ml/min split  CID4342635                  *
*************************************************************************
Starting Delay:   0.00                    Ending retention time:   18.50
Area reject:     3000                     One sample per   0.500 sec.
Amount injected:        1.00              Dilution factor:        1.00
Sample Weight:          1.00000
```

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	2.375		0.0000	0.0000%	13844	6795	2.0	1			0.0000E+00
2	2.592		0.0000	0.0000%	34184	15199	2.2	1			0.0000E+00
3	2.900	1221C1	0.5501	12.5721%	129651	45767	2.8	2	0	.2881	4.2433E-06
4	3.025	1221C2	0.5590	12.7734%	88191	35949	2.5	2	0	.2762	6.3380E-06
5	3.108	1221C3	0.5495	12.5569%	348916	129548	2.7	2	0	0	1.5748E-06
6	3.417		0.0000	0.0000%	16368	3597	4.6	1			0.0000E+00
7	3.792		0.0000	0.0000%	152351	47983	3.2	2			0.0000E+00
8	3.842		0.0000	0.0000%	85559	32668	2.6	2			0.0000E+00
9	3.983		0.0000	0.0000%	13895	3836	3.6	2			0.0000E+00
10	4.142	1248C1	0.5481	12.5243%	136176	45841	3.0	2	0	0	4.0246E-06
11	4.492		0.0000	0.0000%	37370	8498	4.4	2			0.0000E+00
12	4.700	1248C2	0.5321	12.1589%	720888	147557	4.9	2	0	0	7.3807E-07
13	4.908		0.0000	0.0000%	211437	64313	3.3	2			0.0000E+00
14	5.050		0.0000	0.0000%	164616	50198	3.3	2			0.0000E+00
15	5.183		0.0000	0.0000%	54347	16408	3.3	2			0.0000E+00
16	5.350		0.0000	0.0000%	21899	6716	3.3	2			0.0000E+00
17	5.442		0.0000	0.0000%	234924	68016	3.5	2			0.0000E+00
18	5.558		0.0000	0.0000%	231380	64491	3.6	2			0.0000E+00
19	5.642		0.0000	0.0000%	215818	39959	5.4	2			0.0000E+00
20	5.917	1248C3	0.5531	12.6404%	360256	99244	3.6	2	0	0	1.5354E-06
21	6.008		0.0000	0.0000%	208142	57415	3.6	2			0.0000E+00
22	6.225		0.0000	0.0000%	533907	126543	4.2	2			0.0000E+00
23	6.408		0.0000	0.0000%	118546	27903	4.2	2			0.0000E+00
24	6.625		0.0000	0.0000%	19417	4223	4.6	2			0.0000E+00
25	6.725		0.0000	0.0000%	34750	8584	4.0	2			0.0000E+00
26	6.842		0.0000	0.0000%	302798	87334	3.5	2			0.0000E+00
27	6.908		0.0000	0.0000%	508636	133024	3.8	2			0.0000E+00
28	7.008	1248C4	0.5408	12.3585%	593933	145823	4.1	2	0	0	9.1054E-07
29	7.200		0.0000	0.0000%	62583	11760	5.3	2			0.0000E+00
30	7.425	1248C5	0.5433	12.4155%	674920	161631	4.2	3	0	0	8.0498E-07
31	7.567		0.0000	0.0000%	74554	16842	4.4	4			0.0000E+00
32	7.675		0.0000	0.0000%	129926	31218	4.2	2			0.0000E+00
33	7.817		0.0000	0.0000%	112026	26644	4.2	2			0.0000E+00
34	8.008		0.0000	0.0000%	14413	3154	4.6	2			0.0000E+00
35	8.083		0.0000	0.0000%	26227	5281	5.0	2			0.0000E+00
36	8.233		0.0000	0.0000%	81631	19441	4.2	2			0.0000E+00
37	8.350		0.0000	0.0000%	156683	36641	4.3	2			0.0000E+00
38	8.467		0.0000	0.0000%	126051	29041	4.3	2			0.0000E+00

39	8.625	0.0000	0.0000%	275077	63954	4.3	2	0.0000E+00
40	8.917	0.0000	0.0000%	81388	18784	4.3	3	0.0000E+00
41	9.058	0.0000	0.0000%	10293	2238	4.6	4	0.0000E+00
42	9.242	0.0000	0.0000%	36167	4838	7.5	2	0.0000E+00
43	9.392	0.0000	0.0000%	211728	45661	4.6	2	0.0000E+00
44	9.700	0.0000	0.0000%	28549	5220	5.5	2	0.0000E+00
45	10.083	0.0000	0.0000%	263541	59815	4.4	1	0.0000E+00
46	10.450	0.0000	0.0000%	15694	3449	4.6	1	0.0000E+00
47	10.833	0.0000	0.0000%	52287	13152	4.0	1	0.0000E+00
48	11.225	0.0000	0.0000%	3926	804	4.9	1	0.0000E+00
49	11.425	0.0000	0.0000%	10144	2645	3.8	2	0.0000E+00
50	11.575	0.0000	0.0000%	21181	4901	4.3	2	0.0000E+00
51	12.067	0.0000	0.0000%	17054	3990	4.3	2	0.0000E+00
52	12.192	0.0000	0.0000%	8123	2125	3.8	2	0.0000E+00
53	12.325	0.0000	0.0000%	11955	3299	3.6	1	0.0000E+00
54	12.825	0.0000	0.0000%	61113	16255	3.8	1	0.0000E+00
55	13.458	0.0000	0.0000%	27978	9047	3.1	1	0.0000E+00
56	13.742	0.0000	0.0000%	9575	2971	3.2	1	0.0000E+00
57	13.867	0.0000	0.0000%	16241	5163	3.1	1	0.0000E+00
58	14.433	0.0000	0.0000%	9266	2702	3.4	1	0.0000E+00
59	14.883	0.0000	0.0000%	24915	7163	3.5	1	0.0000E+00
60	15.825	0.0000	0.0000%	4017	1122	3.6	1	0.0000E+00

TOTAL AMOUNT = 4.3759

Areas, times, and heights stored in: O:54PCB11.ATB
Data File = O:54PCB11.PTS Printed on 08-21-1998 at 18:29:50
Start time: 0.00 min. Stop time: 18.50 min. Offset: -50 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-21-1998 18:29:58 Version 5.1.5 **********

* Sample Name: AR1660 0.5 PC040D Data File: O:54PCB12 *
* Date: 08-21-1998 12:53:56 Method: O:54PCB2 08-21-1998 00:41:43 # 4513*
* Interface: 2 Cycle#: 12 Operator TMC Channel#: 1 Vial#: N.A. *
* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

* Instrument Type: VARIAN 3400-6 Column Type: DB-1 30M .53Omml.5um *
* Solvent Description: H2@3.3ML/MIN. @200 *
* Conditions: 210H3.5 290@6/minH3 I=240 D=310 *
* Detector 0: Detector 1: ECD4AT/R1 *
* Misc. Information: 2ul inj. 10ml/min split CID4342635 *

****

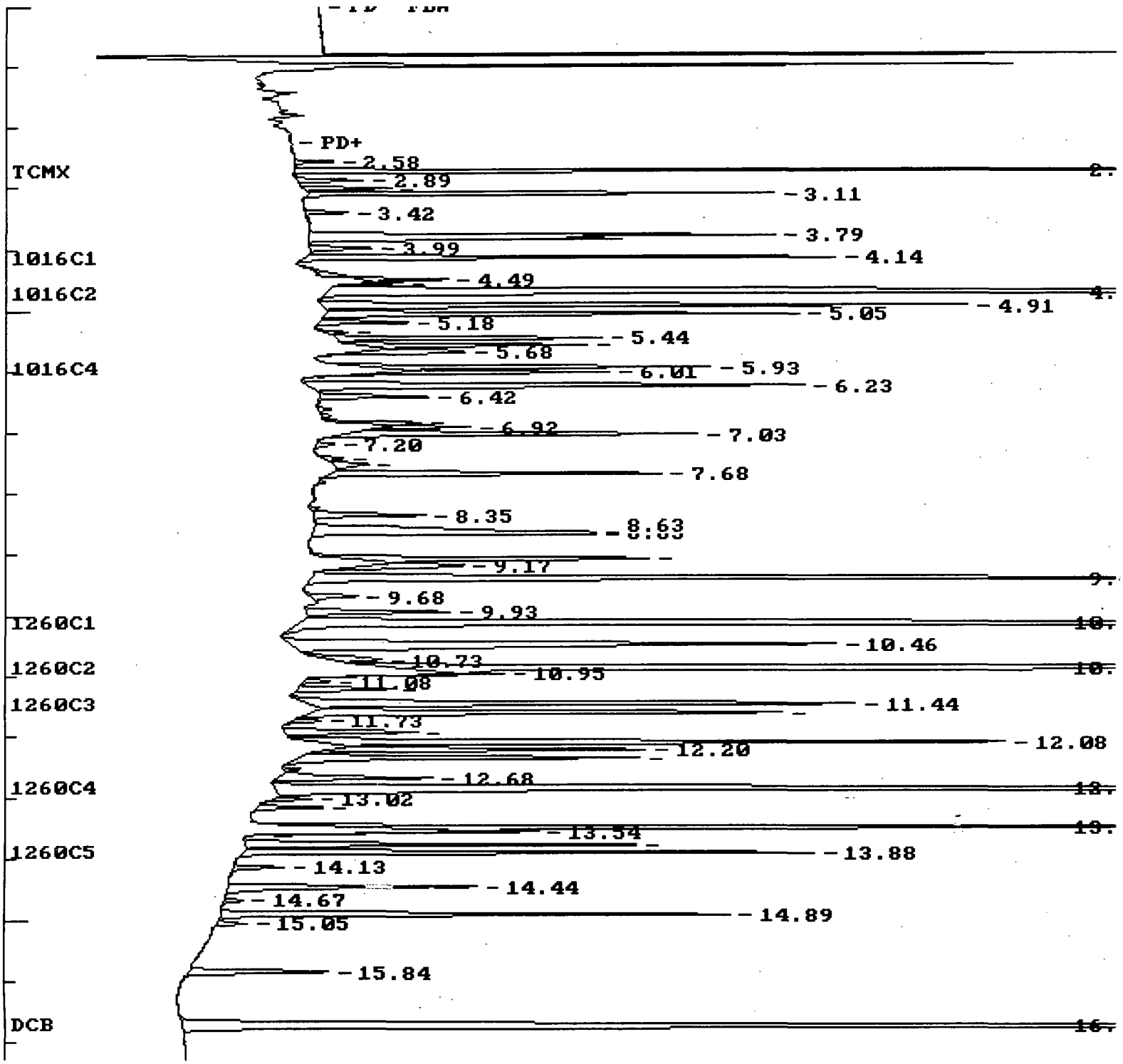
Starting Delay: 0.00 Ending retention time: 17.25
Area reject: 10000 One sample per 0.500 sec.
Amount injected: 1.00 Dilution factor: 1.00
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	2.583		0.0000	0.0000%	16692	7113	2.3	1			0.0000E+00
2	2.742	TCMX	0.0164	0.3578%	600840	274447	2.2	1	50	.1587	2.7344E-08
3	2.892		0.0000	0.0000%	38059	12323	3.1	1			0.0000E+00
4	3.025		0.0000	0.0000%	36070	15893	2.3	1			0.0000E+00
5	3.108		0.0000	0.0000%	215991	87351	2.5	1			0.0000E+00
6	3.417		0.0000	0.0000%	21275	7935	2.7	1			0.0000E+00
8	3.792		0.0000	0.0000%	411350	87154	4.7	1			0.0000E+00
9	3.992		0.0000	0.0000%	42345	11615	3.6	1			0.0000E+00
10	4.142	1016C1	0.4740	10.3212%	295822	99042	3.0	1	50	-.1456	1.6023E-06
11	4.492		0.0000	0.0000%	10241	15191	0.7	1			0.0000E+00
12	4.558		0.0000	0.0000%	12899	7891	1.6	1			0.0000E+00
13	4.700	1016C2	0.4059	8.8390%	972005	205554	4.7	1	50	0	4.1761E-07
14	4.908	1016C3	0.4278	9.3144%	386208	120418	3.2	1	50	-.1456	1.1076E-06
15	5.050		0.0000	0.0000%	280457	88764	3.2	1			0.0000E+00
16	5.183		0.0000	0.0000%	52001	16610	3.1	1			0.0000E+00
17	5.350		0.0000	0.0000%	11095	3974	2.8	1			0.0000E+00
18	5.442		0.0000	0.0000%	155882	49905	3.1	1			0.0000E+00
19	5.558		0.0000	0.0000%	121245	41139	2.9	1			0.0000E+00
20	5.675		0.0000	0.0000%	88016	20252	4.3	1			0.0000E+00
21	5.925	1016C4	0.3204	6.9773%	190309	60927	3.1	1	50	0	1.6837E-06
22	6.008		0.0000	0.0000%	125828	42387	3.0	1			0.0000E+00
23	6.225	1016C5	0.4647	10.1200%	392432	92536	4.2	1	50	0	1.1843E-06
24	6.417		0.0000	0.0000%	74592	20629	3.6	1			0.0000E+00
27	6.850		0.0000	0.0000%	26074	8024	3.2	1			0.0000E+00
28	6.917		0.0000	0.0000%	40491	16302	2.5	1			0.0000E+00
29	7.033		0.0000	0.0000%	253263	66120	3.8	1			0.0000E+00
30	7.200		0.0000	0.0000%	13456	3438	3.9	1			0.0000E+00
31	7.433		0.0000	0.0000%	11109	3298	3.4	1			0.0000E+00
32	7.525		0.0000	0.0000%	29062	6547	4.4	1			0.0000E+00
33	7.675		0.0000	0.0000%	227925	62196	3.7	1			0.0000E+00
36	8.350		0.0000	0.0000%	79666	20713	3.8	1			0.0000E+00
37	8.633		0.0000	0.0000%	291982	53299	5.5	1			0.0000E+00
38	9.058		0.0000	0.0000%	193923	53923	3.6	1			0.0000E+00
39	9.167		0.0000	0.0000%	87422	16873	5.2	1			0.0000E+00
40	9.375		0.0000	0.0000%	692286	161530	4.3	1			0.0000E+00
41	9.675		0.0000	0.0000%	31735	8574	3.7	1			0.0000E+00
42	9.925		0.0000	0.0000%	104914	26888	3.9	1			0.0000E+00
43	10.108	1260C1	0.4752	10.3485%	1097504	252277	4.4	1	50	-.0632	4.3302E-07

44	10.458		0.0000	0.0000%	554510	101557	5.5	1			0.0000E+00
45	10.725		0.0000	0.0000%	43779	7730	5.7	1			0.0000E+00
46	10.850	1260C2	0.3942	8.5836%	1050425	265002	4.0	1	50	0	3.7527E-07
47	10.950		0.0000	0.0000%	36739	14393	2.6	1			0.0000E+00
48	11.083		0.0000	0.0000%	15558	4983	3.1	1			0.0000E+00
49	11.208		0.0000	0.0000%	70900	18231	3.9	1			0.0000E+00
50	11.442	1260C3	0.4939	10.7543%	435176	101576	4.3	1	50	0	1.1349E-06
51	11.592		0.0000	0.0000%	366440	88308	4.1	1			0.0000E+00
52	11.725		0.0000	0.0000%	19245	5464	3.5	1			0.0000E+00
53	11.917		0.0000	0.0000%	101326	24709	4.1	1			0.0000E+00
54	12.075		0.0000	0.0000%	492921	127248	3.9	1			0.0000E+00
55	12.200		0.0000	0.0000%	202607	58627	3.5	1			0.0000E+00
56	12.333		0.0000	0.0000%	253468	63703	4.0	1			0.0000E+00
58	12.675		0.0000	0.0000%	115891	28870	4.0	1			0.0000E+00
59	12.833	1260C4	0.4912	10.6963%	1542075	421364	3.7	1	50	0	3.1854E-07
60	13.017		0.0000	0.0000%	20679	7351	2.8	1			0.0000E+00
61	13.150		0.0000	0.0000%	43143	12400	3.5	1			0.0000E+00
62	13.467		0.0000	0.0000%	538088	175459	3.1	1			0.0000E+00
63	13.542		0.0000	0.0000%	39174	22413	1.7	1			0.0000E+00
64	13.750		0.0000	0.0000%	256094	73159	3.5	1			0.0000E+00
65	13.875	1260C5	0.5883	12.8102%	344207	106507	3.2	1	50	0	1.7091E-06
66	14.125		0.0000	0.0000%	30278	9440	3.2	1			0.0000E+00
67	14.442		0.0000	0.0000%	171143	46613	3.7	1			0.0000E+00
68	14.667		0.0000	0.0000%	12263	3608	3.4	1			0.0000E+00
69	14.892		0.0000	0.0000%	336312	95246	3.5	1			0.0000E+00
70	15.050		0.0000	0.0000%	18300	5638	3.2	1			0.0000E+00
71	15.842		0.0000	0.0000%	102851	26038	4.0	1			0.0000E+00
72	16.700	DCB	0.0403	0.8775%	1284914	289636	4.4	1	72	0	3.1361E-08

TOTAL AMOUNT = 4.5924

Areas, times, and heights stored in: O:54PCB12.ATB
Data File = O:54PCB12.PTS Printed on 08-21-1998 at 18:30:01
Start time: 0.00 min. Stop time: 17.25 min. Offset: -50 mv.
Full Range: 200 millivolts



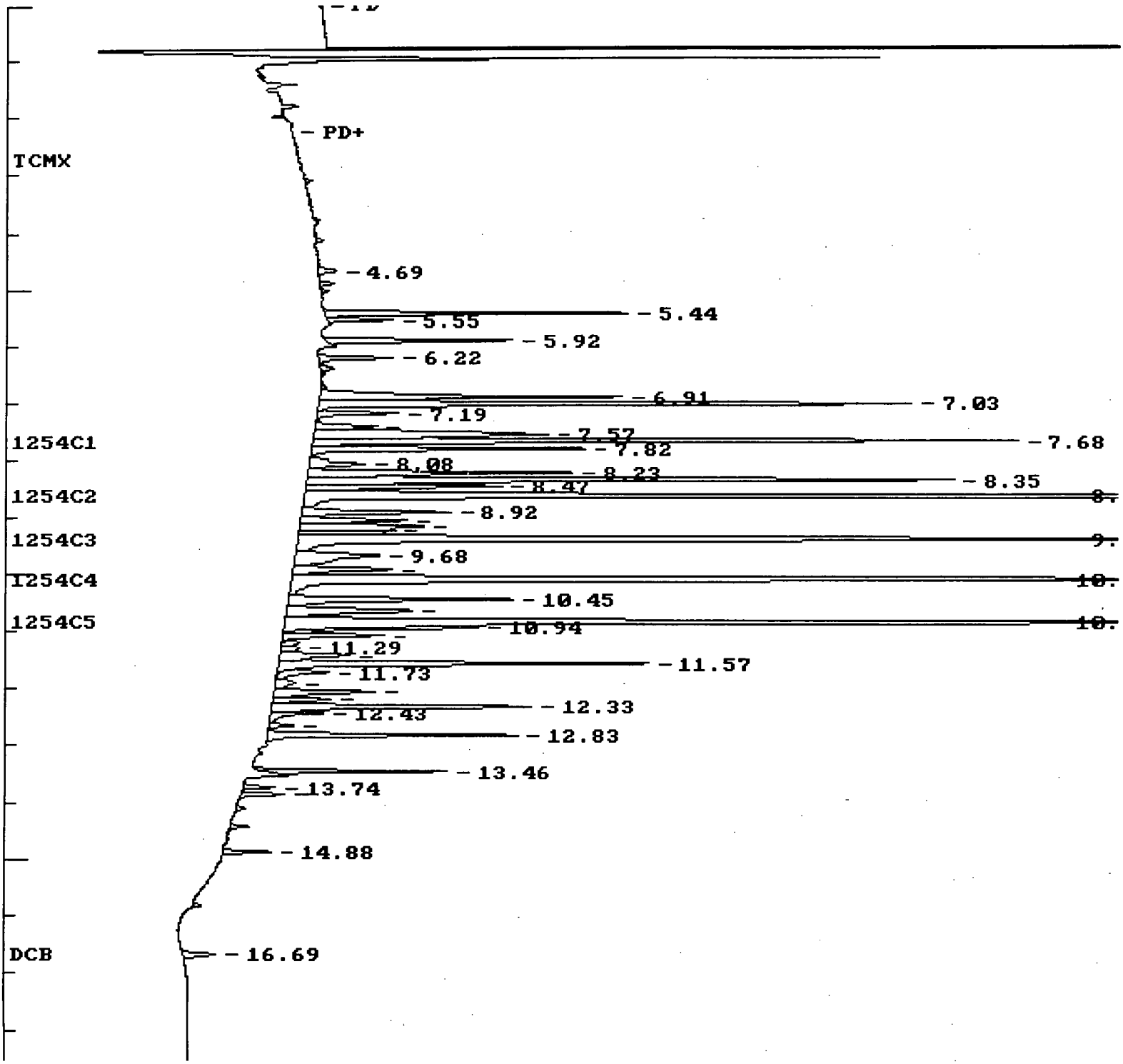
```
                    *******  EXTERNAL STANDARD TABLE  *******
******************** 08-21-1998 18:30:09 Version 5.1.5 ********************
* Sample Name: AR1254 0.5 PC051D                  Data File: O:54PCB13        *
* Date: 08-21-1998 13:14:50 Method: O:54PCB3  08-18-1998 13:48:46  #  3162*
* Interface: 2   Cycle#:  13   Operator TMC Channel#: 1    Vial#: N.A.     *
* Starting Peak Width:  5   Threshold: 15  Area Threshold: 1000             *
*************************************************************************
* Instrument Type: VARIAN 3400-6        Column Type: DB-1 30M .53Omml.5um *
*             Solvent Description: H2@3.3ML/MIN. @200                     *
* Conditions: 210H3.5 290@6/minH3                  I=240 D=310              *
*            Detector 0:                        Detector 1: ECD4AT/R1      *
* Misc. Information: 2ul inj. 10ml/min split  CID4342635                   *
*************************************************************************
Starting Delay:   0.00                    Ending retention time:   18.50
Area reject:    15000                     One sample per   0.500 sec.
Amount injected:        1.00              Dilution factor:        1.00
Sample Weight:          1.00000
```

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
4	4.692		0.0000	0.0000%	17900	3341	5.4	1			0.0000E+00
7	5.442		0.0000	0.0000%	190324	56749	3.4	2			0.0000E+00
8	5.550		0.0000	0.0000%	37706	12179	3.1	2			0.0000E+00
9	5.917		0.0000	0.0000%	115475	34795	3.3	1			0.0000E+00
10	6.217		0.0000	0.0000%	54039	13874	3.9	2			0.0000E+00
13	6.908		0.0000	0.0000%	254996	56639	4.5	2			0.0000E+00
14	7.025		0.0000	0.0000%	441981	110434	4.0	2			0.0000E+00
15	7.192		0.0000	0.0000%	58982	15225	3.9	2			0.0000E+00
16	7.425		0.0000	0.0000%	46443	11574	4.0	2			0.0000E+00
17	7.567		0.0000	0.0000%	259792	43795	5.9	2			0.0000E+00
18	7.675	1254C1	0.5513	18.3021%	522135	131673	4.0	2	57	0	1.0559E-06
19	7.817		0.0000	0.0000%	202563	51061	4.0	2			0.0000E+00
20	8.083		0.0000	0.0000%	58013	10469	5.5	2			0.0000E+00
21	8.233		0.0000	0.0000%	201883	49600	4.1	2			0.0000E+00
22	8.350		0.0000	0.0000%	490646	120635	4.1	2			0.0000E+00
23	8.467		0.0000	0.0000%	154027	36603	4.2	2			0.0000E+00
24	8.625	1254C2	0.5560	18.4570%	1004343	241596	4.2	2	57	0	5.5357E-07
25	8.917		0.0000	0.0000%	120517	27823	4.3	2			0.0000E+00
26	9.058		0.0000	0.0000%	85290	19850	4.3	2			0.0000E+00
27	9.158		0.0000	0.0000%	125236	23074	5.4	2			0.0000E+00
28	9.242		0.0000	0.0000%	65558	17939	3.7	2			0.0000E+00
29	9.383	1254C3	0.6475	21.4956%	971046	194104	5.0	2	57	0	6.6682E-07
30	9.675		0.0000	0.0000%	127600	15715	8.1	2			0.0000E+00
31	9.925		0.0000	0.0000%	84731	18600	4.6	2			0.0000E+00
32	10.092	1254C4	0.6158	20.4422%	1100828	241067	4.6	2	57	0	5.5938E-07
33	10.450		0.0000	0.0000%	200154	41921	4.8	2			0.0000E+00
34	10.650		0.0000	0.0000%	150822	23585	6.4	2			0.0000E+00
35	10.842	1254C5	0.6409	21.2751%	981119	211186	4.6	3	57	.0498	6.5320E-07
36	10.942		0.0000	0.0000%	107948	26894	4.0	4			0.0000E+00
37	11.075		0.0000	0.0000%	82750	18861	4.4	3			0.0000E+00
39	11.292		0.0000	0.0000%	16661	3418	4.9	2			0.0000E+00
40	11.433		0.0000	0.0000%	66952	13146	5.1	2			0.0000E+00
41	11.567		0.0000	0.0000%	315433	69237	4.6	3			0.0000E+00
42	11.725		0.0000	0.0000%	48122	9418	5.1	4			0.0000E+00
43	11.908		0.0000	0.0000%	23379	3774	6.2	2			0.0000E+00
44	12.067		0.0000	0.0000%	88684	18820	4.7	2			0.0000E+00
45	12.192		0.0000	0.0000%	45908	10890	4.2	2			0.0000E+00
46	12.325		0.0000	0.0000%	205761	48567	4.2	2			0.0000E+00

47	12.433	0.0000	0.0000%	46444	9967	4.7	2			0.0000E+00
48	12.667	0.0000	0.0000%	19611	4689	4.2	2			0.0000E+00
49	12.825	0.0000	0.0000%	177889	46745	3.8	2			0.0000E+00
50	13.458	0.0000	0.0000%	103122	32651	3.2	1			0.0000E+00
51	13.742	0.0000	0.0000%	21024	6150	3.4	1			0.0000E+00
52	13.867	0.0000	0.0000%	26726	8309	3.2	1			0.0000E+00
55	14.883	0.0000	0.0000%	31111	9129	3.4	1			0.0000E+00
57	16.692 DCB	0.0008	0.0281%	26992	6112	4.4	1	57	0	3.1361E-08

TOTAL AMOUNT = 3.0123

Areas, times, and heights stored in: O:54PCB13.ATB
Data File = O:54PCB13.PTS Printed on 08-21-1998 at 18:30:11
Start time: 0.00 min. Stop time: 18.50 min. Offset: -50 mv.
Full Range: 200 millivolts



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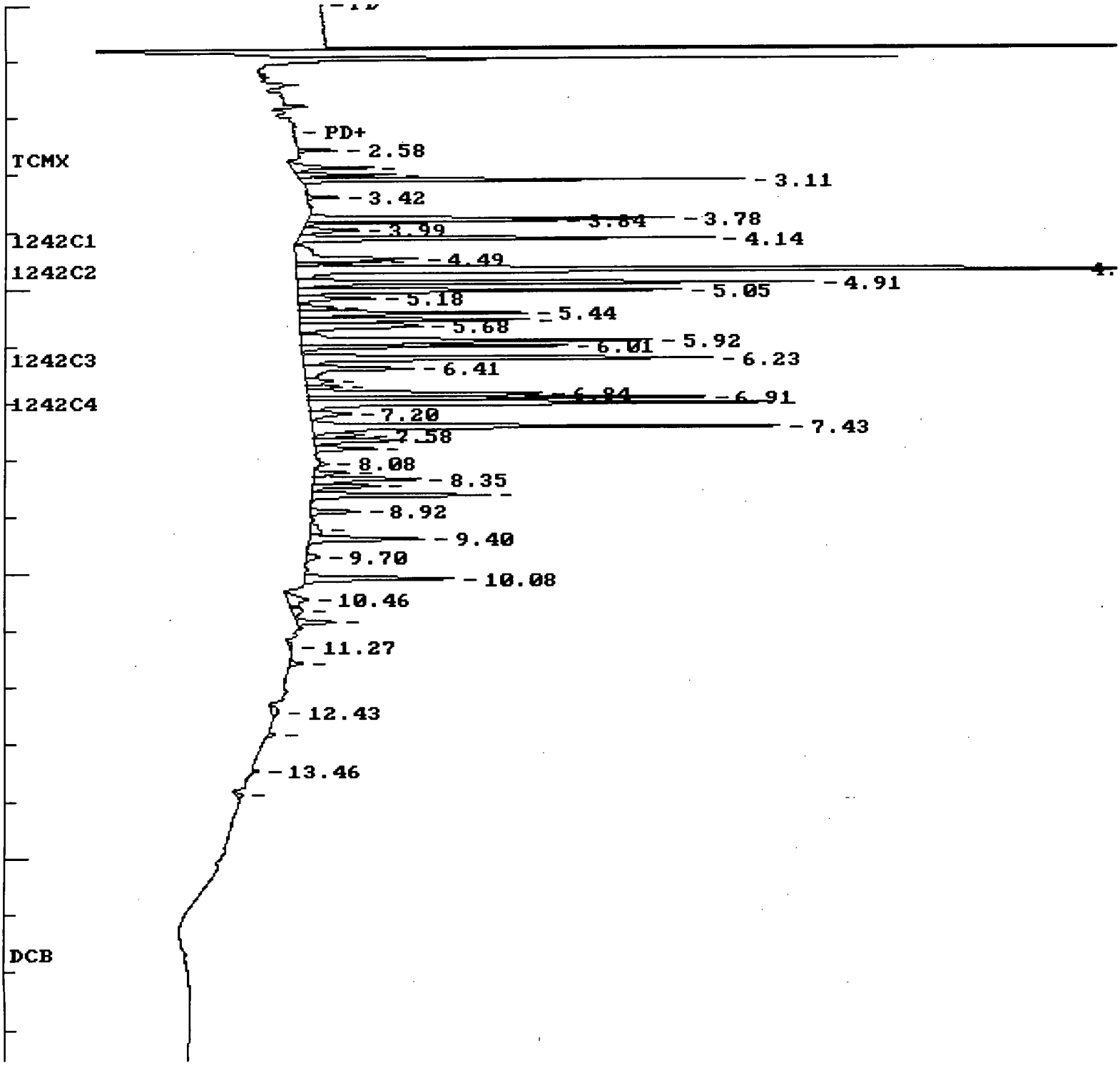
******* EXTERNAL STANDARD TABLE *******
******************** 08-21-1998 18:30:19 Version 5.1.5 ********************
* Sample Name: AR1242 0.5 PC055D                Data File: O:54PCB14        *
* Date: 08-21-1998 13:35:46 Method: O:54PCB4  08-18-1998 13:49:57  #  4196*
* Interface: 2   Cycle#:  14   Operator TMC Channel#: 1    Vial#: N.A.     *
* Starting Peak Width:  5   Threshold: 15  Area Threshold: 1000            *
*************************************************************************
* Instrument Type: VARIAN 3400-6        Column Type: DB-1 30M .53Omml.5um *
*            Solvent Description: H2@3.3ML/MIN. @200                     *
* Conditions: 210H3.5 290@6/minH3                  I=240 D=310            *
*            Detector 0:                     Detector 1: ECD4AT/R1        *
* Misc. Information: 2ul inj. 10ml/min split  CID4342635                  *
*************************************************************************
Starting Delay:    0.00                    Ending retention time:    18.50
Area reject:      4000                     One sample per    0.500 sec.
Amount injected:        1.00               Dilution factor:        1.00
Sample Weight:          1.00000
```

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT BL	REF PEAK	% DELTA RET TIME	CONC/AREA
2	2.583		0.0000	0.0000%	16237	7267	2.2 1			0.0000E+00
3	2.892		0.0000	0.0000%	57506	15249	3.8 2			0.0000E+00
4	3.017		0.0000	0.0000%	48496	18604	2.6 2			0.0000E+00
5	3.108		0.0000	0.0000%	212718	83017	2.6 2			0.0000E+00
6	3.417		0.0000	0.0000%	16599	5933	2.8 1			0.0000E+00
8	3.783		0.0000	0.0000%	209866	68725	3.1 2			0.0000E+00
9	3.842		0.0000	0.0000%	123842	47125	2.6 2			0.0000E+00
10	3.992		0.0000	0.0000%	45206	10583	4.3 2			0.0000E+00
11	4.142	1242C1	0.5770	20.9629%	238309	77925	3.1 2	0	0	2.4213E-06
12	4.492		0.0000	0.0000%	110262	22706	4.9 2			0.0000E+00
13	4.550		0.0000	0.0000%	47537	15887	3.0 2			0.0000E+00
14	4.692	1242C2	0.5475	19.8917%	801805	158796	5.0 2	0	-.1773	6.8288E-07
15	4.908		0.0000	0.0000%	331333	96340	3.4 2			0.0000E+00
16	5.050		0.0000	0.0000%	243881	71913	3.4 2			0.0000E+00
17	5.183		0.0000	0.0000%	54994	14514	3.8 2			0.0000E+00
18	5.342		0.0000	0.0000%	27744	6968	4.0 2			0.0000E+00
19	5.442		0.0000	0.0000%	156945	42823	3.7 2			0.0000E+00
20	5.550		0.0000	0.0000%	157596	43061	3.7 2			0.0000E+00
21	5.675		0.0000	0.0000%	139675	22936	6.1 2			0.0000E+00
22	5.917		0.0000	0.0000%	263697	65906	4.0 2			0.0000E+00
23	6.008		0.0000	0.0000%	184255	49915	3.7 2			0.0000E+00
24	6.225	1242C3	0.5552	20.1685%	338661	76851	4.4 2	0	0	1.6393E-06
25	6.408		0.0000	0.0000%	101307	20531	4.9 2			0.0000E+00
26	6.625		0.0000	0.0000%	25596	5137	5.0 2			0.0000E+00
27	6.725		0.0000	0.0000%	27726	6656	4.2 2			0.0000E+00
28	6.842		0.0000	0.0000%	154406	44173	3.5 2			0.0000E+00
29	6.908		0.0000	0.0000%	288679	74512	3.9 2			0.0000E+00
30	7.008	1242C4	0.5411	19.6588%	357766	86863	4.1 2	0	0	1.5125E-06
31	7.200		0.0000	0.0000%	43947	7747	5.7 2			0.0000E+00
32	7.425	1242C5	0.5317	19.3182%	373836	87582	4.3 3	0	0	1.4224E-06
33	7.575		0.0000	0.0000%	36595	9058	4.0 4			0.0000E+00
34	7.675		0.0000	0.0000%	70058	17209	4.1 2			0.0000E+00
35	7.817		0.0000	0.0000%	45663	11510	4.0 2			0.0000E+00
36	8.083		0.0000	0.0000%	7150	2091	3.4 1			0.0000E+00
37	8.242		0.0000	0.0000%	25285	6875	3.7 2			0.0000E+00
38	8.350		0.0000	0.0000%	82176	20068	4.1 2			0.0000E+00
39	8.467		0.0000	0.0000%	54056	12643	4.3 2			0.0000E+00
40	8.625		0.0000	0.0000%	140463	33445	4.2 2			0.0000E+00

41	8.917	0.0000	0.0000%	35850	9273	3.9	1	0.0000E+00
42	9.242	0.0000	0.0000%	14739	2281	6.5	2	0.0000E+00
43	9.400	0.0000	0.0000%	98043	21688	4.5	2	0.0000E+00
44	9.700	0.0000	0.0000%	14359	2550	5.6	1	0.0000E+00
45	10.083	0.0000	0.0000%	120302	28034	4.3	1	0.0000E+00
46	10.458	0.0000	0.0000%	29976	3769	8.0	2	0.0000E+00
47	10.650	0.0000	0.0000%	15075	1989	7.6	2	0.0000E+00
48	10.842	0.0000	0.0000%	30205	7262	4.2	2	0.0000E+00
49	11.267	0.0000	0.0000%	5660	682	8.3	1	0.0000E+00
50	11.575	0.0000	0.0000%	11668	2746	4.2	1	0.0000E+00
51	12.433	0.0000	0.0000%	14493	1348	10.8	1	0.0000E+00
52	12.833	0.0000	0.0000%	6246	1687	3.7	1	0.0000E+00
53	13.458	0.0000	0.0000%	4160	1286	3.2	1	0.0000E+00
54	13.883	0.0000	0.0000%	6690	1401	4.8	1	0.0000E+00

TOTAL AMOUNT = 2.7526

Areas, times, and heights stored in: O:54PCB14.ATB
Data File = O:54PCB14.PTS Printed on 08-21-1998 at 18:30:21
Start time: 0.00 min. Stop time: 18.50 min. Offset: -50 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-21-1998 18:30:30 Version 5.1.5 **********

* Sample Name: AR2148 1.0 PC048D Data File: O:54PCB15 *
* Date: 08-21-1998 13:56:33 Method: O:54PCB1 08-18-1998 13:47:16 # 4587*
* Interface: 2 Cycle#: 15 Operator TMC Channel#: 1 Vial#: N.A. *
* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

* Instrument Type: VARIAN 3400-6 Column Type: DB-1 30M .53Omm1.5um *
* Solvent Description: H2@3.3ML/MIN. @200 *
* Conditions: 210H3.5 290@6/minH3 I=240 D=310 *
* Detector 0: Detector 1: ECD4AT/R1 *
* Misc. Information: 2ul inj. 10ml/min split CID4342635 *

****

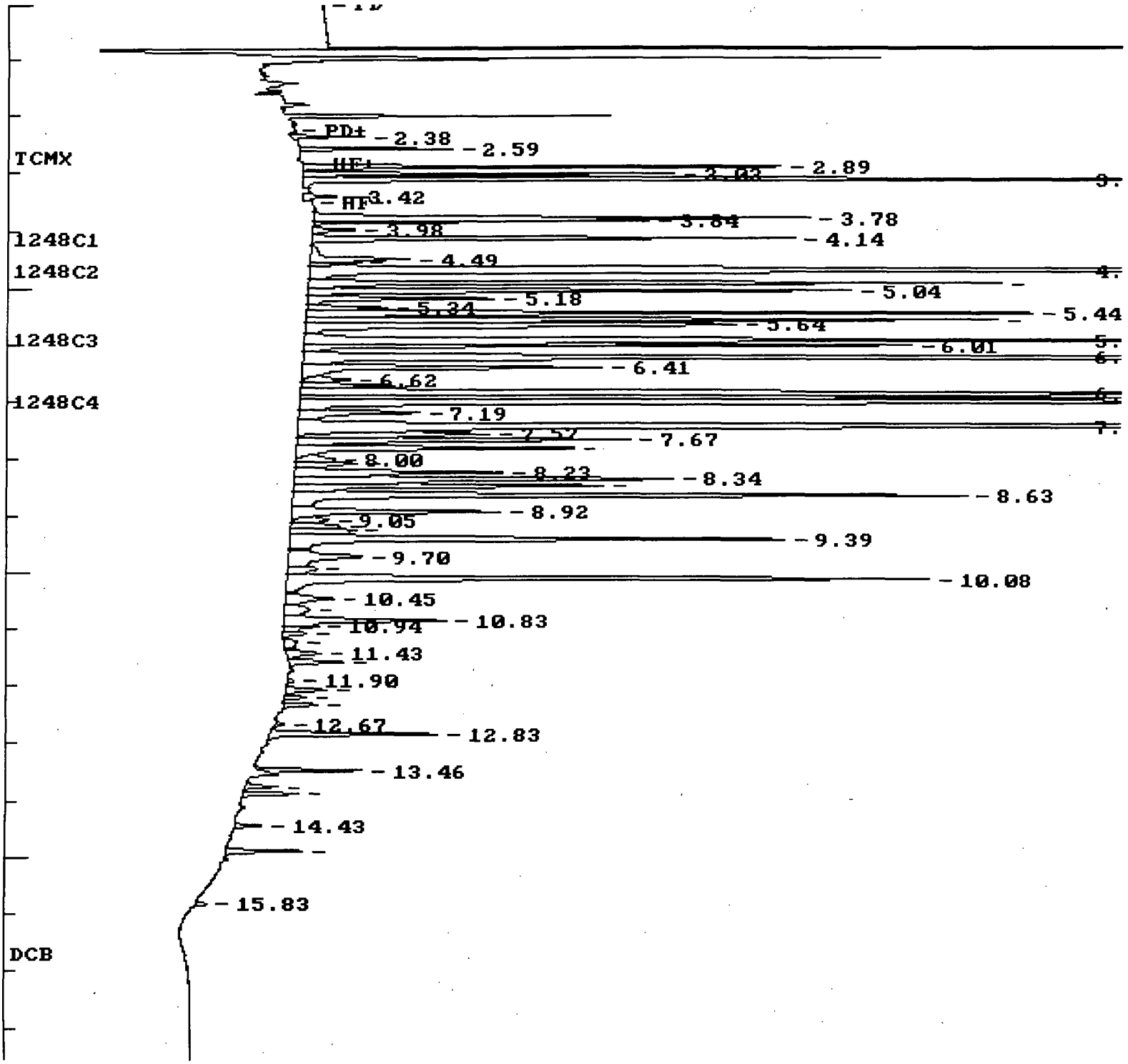
Starting Delay: 0.00 Ending retention time: 18.50
Area reject: 3000 One sample per 0.500 sec.
Amount injected: 1.00 Dilution factor: 1.00
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	2.375		0.0000	0.0000%	27371	13525	2.0	1			0.0000E+00
2	2.592		0.0000	0.0000%	65318	28635	2.3	1			0.0000E+00
3	2.892	1221C1	1.0673	12.4248%	251517	89155	2.8	2	0	0	4.2433E-06
4	3.017	1221C2	1.0683	12.4373%	168560	69353	2.4	2	0	0	6.3380E-06
5	3.108	1221C3	1.0831	12.6086%	687729	262566	2.6	2	0	0	1.5748E-06
6	3.417		0.0000	0.0000%	24376	6299	3.9	1			0.0000E+00
8	3.783		0.0000	0.0000%	302648	92623	3.3	2			0.0000E+00
9	3.842		0.0000	0.0000%	161938	62945	2.6	2			0.0000E+00
10	3.983		0.0000	0.0000%	30217	8110	3.7	2			0.0000E+00
11	4.142	1248C1	1.0995	12.8000%	273193	90113	3.0	2	0	0	4.0246E-06
12	4.492		0.0000	0.0000%	79535	18754	4.2	2			0.0000E+00
13	4.550		0.0000	0.0000%	29087	9667	3.0	2			0.0000E+00
14	4.692	1248C2	1.1159	12.9910%	1511906	313997	4.8	2	0	-.1773	7.3807E-07
15	4.908		0.0000	0.0000%	438898	129251	3.4	2			0.0000E+00
16	5.042		0.0000	0.0000%	355330	101265	3.5	2			0.0000E+00
17	5.183		0.0000	0.0000%	129463	35053	3.7	2			0.0000E+00
18	5.342		0.0000	0.0000%	56056	15068	3.7	2			0.0000E+00
19	5.442		0.0000	0.0000%	471864	135623	3.5	2			0.0000E+00
20	5.550		0.0000	0.0000%	470549	129088	3.6	2			0.0000E+00
21	5.642		0.0000	0.0000%	433021	80569	5.4	2			0.0000E+00
22	5.917	1248C3	1.1121	12.9469%	724312	200295	3.6	2	0	0	1.5354E-06
23	6.008		0.0000	0.0000%	406372	113215	3.6	2			0.0000E+00
24	6.217		0.0000	0.0000%	1055140	252674	4.2	2			0.0000E+00
25	6.408		0.0000	0.0000%	248680	56158	4.4	3			0.0000E+00
26	6.617		0.0000	0.0000%	41255	8684	4.8	4			0.0000E+00
27	6.725		0.0000	0.0000%	72052	17655	4.1	2			0.0000E+00
28	6.842		0.0000	0.0000%	622055	172999	3.6	2			0.0000E+00
29	6.908		0.0000	0.0000%	1014413	273759	3.7	2			0.0000E+00
30	7.000	1248C4	0.9272	10.7942%	1018290	261347	3.9	2	0	-.1189	9.1054E-07
31	7.192		0.0000	0.0000%	118070	22616	5.2	2			0.0000E+00
32	7.425	1248C5	1.1164	12.9972%	1386914	342203	4.1	3	0	0	8.0498E-07
33	7.567		0.0000	0.0000%	152086	33979	4.5	4			0.0000E+00
34	7.667		0.0000	0.0000%	256892	62365	4.1	2			0.0000E+00
35	7.808		0.0000	0.0000%	237624	51892	4.6	3			0.0000E+00
36	8.000		0.0000	0.0000%	34901	7107	4.9	4			0.0000E+00
37	8.083		0.0000	0.0000%	59060	11728	5.0	2			0.0000E+00
38	8.225		0.0000	0.0000%	174681	38882	4.5	2			0.0000E+00
39	8.342		0.0000	0.0000%	310745	70876	4.4	2			0.0000E+00

40	8.467	0.0000	0.0000%	256994	58007	4.4	2	0.0000E+00
41	8.625	0.0000	0.0000%	571226	125570	4.5	2	0.0000E+00
42	8.917	0.0000	0.0000%	188987	39025	4.8	3	0.0000E+00
43	9.050	0.0000	0.0000%	32488	6537	5.0	4	0.0000E+00
44	9.167	0.0000	0.0000%	42869	9310	4.6	2	0.0000E+00
45	9.242	0.0000	0.0000%	60961	12299	5.0	2	0.0000E+00
46	9.392	0.0000	0.0000%	461668	92245	5.0	2	0.0000E+00
47	9.700	0.0000	0.0000%	114706	13734	8.4	2	0.0000E+00
48	9.917	0.0000	0.0000%	34521	5540	6.2	2	0.0000E+00
49	10.083	0.0000	0.0000%	569570	119633	4.8	2	0.0000E+00
50	10.450	0.0000	0.0000%	61655	9076	6.8	2	0.0000E+00
51	10.650	0.0000	0.0000%	43753	4733	9.2	2	0.0000E+00
52	10.833	0.0000	0.0000%	146967	30253	4.9	2	0.0000E+00
53	10.942	0.0000	0.0000%	30253	6583	4.6	2	0.0000E+00
54	11.067	0.0000	0.0000%	20469	4461	4.6	2	0.0000E+00
55	11.225	0.0000	0.0000%	19292	2578	7.5	2	0.0000E+00
56	11.425	0.0000	0.0000%	34200	6357	5.4	2	0.0000E+00
57	11.575	0.0000	0.0000%	45500	10229	4.4	2	0.0000E+00
58	11.900	0.0000	0.0000%	4916	1186	4.1	2	0.0000E+00
59	12.067	0.0000	0.0000%	32017	7766	4.1	2	0.0000E+00
60	12.192	0.0000	0.0000%	15075	4075	3.7	2	0.0000E+00
61	12.325	0.0000	0.0000%	23264	6503	3.6	2	0.0000E+00
62	12.667	0.0000	0.0000%	6979	1943	3.6	1	0.0000E+00
63	12.825	0.0000	0.0000%	118929	31368	3.8	1	0.0000E+00
64	13.458	0.0000	0.0000%	55217	17810	3.1	1	0.0000E+00
65	13.742	0.0000	0.0000%	21753	6177	3.5	1	0.0000E+00
66	13.867	0.0000	0.0000%	32315	10363	3.1	1	0.0000E+00
68	14.433	0.0000	0.0000%	18280	5337	3.4	1	0.0000E+00
69	14.883	0.0000	0.0000%	49439	14271	3.5	1	0.0000E+00
70	15.825	0.0000	0.0000%	8591	2318	3.7	1	0.0000E+00

TOTAL AMOUNT = 8.5898

Areas, times, and heights stored in: O:54PCB15.ATB
Data File = O:54PCB15.PTS Printed on 08-21-1998 at 18:30:32
Start time: 0.00 min. Stop time: 18.50 min. Offset: -50 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-21-1998 18:30:41 Version 5.1.5 **********

* Sample Name: AR1660 1.0 PC041D Data File: O:54PCB16 *

* Date: 08-21-1998 14:17:34 Method: O:54PCB2 08-21-1998 00:41:43 # 4513*

* Interface: 2 Cycle#: 16 Operator TMC Channel#: 1 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

* Instrument Type: VARIAN 3400-6 Column Type: DB-1 30M .53Omm1.5um *

* Solvent Description: H2@3.3ML/MIN. @200 *

* Conditions: 210H3.5 290@6/minH3 I=240 D=310 *

* Detector 0: Detector 1: ECD4AT/R1 *

* Misc. Information: 2ul inj. 10ml/min split CID4342635 *

****

Starting Delay: 0.00 Ending retention time: 17.25

Area reject: 10000 One sample per 0.500 sec.

Amount injected: 1.00 Dilution factor: 1.00

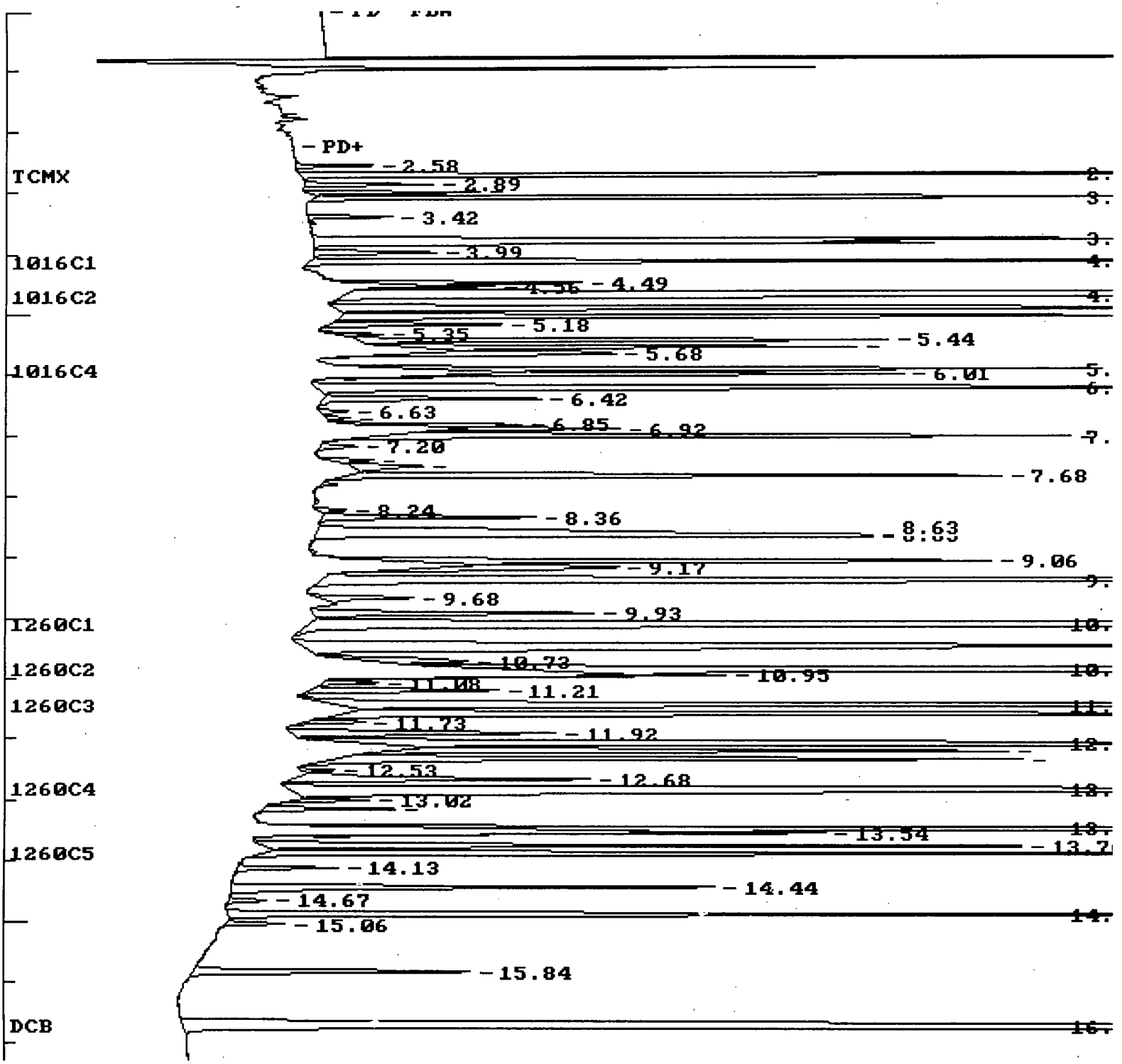
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	2.583		0.0000	0.0000%	32667	14289	2.3	1			0.0000E+00
2	2.742	TCMX	0.0375	0.3908%	1370837	663419	2.1	1	52	.1587	2.7344E-08
3	2.892		0.0000	0.0000%	67964	24323	2.8	1			0.0000E+00
4	3.017		0.0000	0.0000%	72575	31774	2.3	1			0.0000E+00
5	3.108		0.0000	0.0000%	431128	175383	2.5	1			0.0000E+00
6	3.417		0.0000	0.0000%	41852	15829	2.6	1			0.0000E+00
8	3.792		0.0000	0.0000%	814160	174441	4.7	1			0.0000E+00
9	3.992		0.0000	0.0000%	83272	23023	3.6	1			0.0000E+00
10	4.142	1016C1	0.9337	9.7354%	582732	197703	2.9	1	52	-.1456	1.6023E-06
11	4.492		0.0000	0.0000%	91439	34441	2.7	1			0.0000E+00
12	4.558		0.0000	0.0000%	26227	15809	1.7	1			0.0000E+00
13	4.700	1016C2	0.8764	9.1384%	2098680	464328	4.5	1	52	0	4.1761E-07
14	4.908	1016C3	0.8752	9.1254%	790186	252039	3.1	1	52	-.1456	1.1076E-06
15	5.050		0.0000	0.0000%	568567	181039	3.1	1			0.0000E+00
16	5.183		0.0000	0.0000%	103411	32692	3.2	1			0.0000E+00
17	5.350		0.0000	0.0000%	21413	7892	2.7	1			0.0000E+00
18	5.442		0.0000	0.0000%	307304	98949	3.1	1			0.0000E+00
19	5.558		0.0000	0.0000%	238644	80964	2.9	1			0.0000E+00
20	5.675		0.0000	0.0000%	175753	40489	4.3	1			0.0000E+00
21	5.925	1016C4	0.6374	6.6463%	378579	121243	3.1	1	52	0	1.6837E-06
22	6.008		0.0000	0.0000%	248088	83745	3.0	1			0.0000E+00
23	6.225	1016C5	0.9153	9.5434%	772856	185302	4.2	1	52	0	1.1843E-06
24	6.417		0.0000	0.0000%	147727	40947	3.6	1			0.0000E+00
25	6.625		0.0000	0.0000%	16204	5015	3.2	1			0.0000E+00
26	6.733		0.0000	0.0000%	12666	4566	2.8	1			0.0000E+00
27	6.850		0.0000	0.0000%	51212	15610	3.3	1			0.0000E+00
28	6.917		0.0000	0.0000%	79696	31528	2.5	1			0.0000E+00
29	7.033		0.0000	0.0000%	501453	130515	3.8	1			0.0000E+00
30	7.200		0.0000	0.0000%	26583	7048	3.8	1			0.0000E+00
31	7.425		0.0000	0.0000%	22042	7062	3.1	1			0.0000E+00
32	7.525		0.0000	0.0000%	56829	13188	4.3	1			0.0000E+00
33	7.675		0.0000	0.0000%	453266	123048	3.7	1			0.0000E+00
36	8.242		0.0000	0.0000%	15948	4922	3.2	1			0.0000E+00
37	8.358		0.0000	0.0000%	152333	40182	3.8	1			0.0000E+00
38	8.633		0.0000	0.0000%	579792	104388	5.6	1			0.0000E+00
40	9.058		0.0000	0.0000%	380806	107580	3.5	1			0.0000E+00
41	9.167		0.0000	0.0000%	171382	33217	5.2	1			0.0000E+00
42	9.375		0.0000	0.0000%	1437270	346186	4.2	1			0.0000E+00

43	9.675		0.0000	0.0000%	64541	17003	3.8	1			0.0000E+00
44	9.933		0.0000	0.0000%	208932	52648	4.0	1			0.0000E+00
45	10.108	1260C1	1.0403	10.8472%	2402463	594627	4.0	1	52	-.0632	4.3302E-07
46	10.458		0.0000	0.0000%	1092592	206415	5.3	1			0.0000E+00
47	10.725		0.0000	0.0000%	90072	15274	5.9	1			0.0000E+00
48	10.850	1260C2	0.9146	9.5362%	2437128	661622	3.7	1	52	0	3.7527E-07
49	10.950		0.0000	0.0000%	75171	29262	2.6	1			0.0000E+00
50	11.083		0.0000	0.0000%	31416	10298	3.1	1			0.0000E+00
51	11.208		0.0000	0.0000%	139450	35662	3.9	1			0.0000E+00
52	11.442	1260C3	0.9860	10.2809%	868812	208972	4.2	1	52	0	1.1349E-06
53	11.592		0.0000	0.0000%	730570	174622	4.2	1			0.0000E+00
54	11.733		0.0000	0.0000%	38797	11406	3.4	1			0.0000E+00
55	11.917		0.0000	0.0000%	200363	49275	4.1	1			0.0000E+00
56	12.075		0.0000	0.0000%	1009282	265037	3.8	1			0.0000E+00
57	12.200		0.0000	0.0000%	391579	114041	3.4	1			0.0000E+00
58	12.333		0.0000	0.0000%	512650	128530	4.0	1			0.0000E+00
59	12.525		0.0000	0.0000%	14211	5564	2.6	1			0.0000E+00
60	12.675		0.0000	0.0000%	224323	55730	4.0	1			0.0000E+00
61	12.825	1260C4	1.1216	11.6945%	3520980	913068	3.9	OV	52	0	3.1854E-07
62	13.017		0.0000	0.0000%	41115	14396	2.9	1			0.0000E+00
63	13.158		0.0000	0.0000%	84747	24952	3.4	1			0.0000E+00
64	13.467		0.0000	0.0000%	1166498	402619	2.9	1			0.0000E+00
65	13.542		0.0000	0.0000%	77964	43065	1.8	1			0.0000E+00
66	13.758		0.0000	0.0000%	490909	141545	3.5	1			0.0000E+00
67	13.875	1260C5	1.1638	12.1349%	680947	215035	3.2	1	52	0	1.7091E-06
68	14.125		0.0000	0.0000%	60475	18890	3.2	1			0.0000E+00
69	14.442		0.0000	0.0000%	336372	90705	3.7	1			0.0000E+00
70	14.667		0.0000	0.0000%	23865	7303	3.3	1			0.0000E+00
71	14.892		0.0000	0.0000%	666587	191719	3.5	1			0.0000E+00
72	15.058		0.0000	0.0000%	38357	11456	3.3	1			0.0000E+00
73	15.842		0.0000	0.0000%	205649	51756	4.0	1			0.0000E+00
74	16.708	DCB	0.0889	0.9266%	2833665	670813	4.2	1	74	0	3.1361E-08

TOTAL AMOUNT = 9.5907

Areas, times, and heights stored in: O:54PCB16.ATB
Data File = O:54PCB16.PTS Printed on 08-21-1998 at 18:30:43
Start time: 0.00 min. Stop time: 17.25 min. Offset: -50 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-21-1998 18:30:51 Version 5.1.5 **********

* Sample Name: AR1254 1.0 PC052D Data File: O:54PCB17 *
* Date: 08-21-1998 14:38:26 Method: O:54PCB3 08-18-1998 13:48:46 # 3162*
* Interface: 2 Cycle#: 17 Operator TMC Channel#: 1 Vial#: N.A. *
* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

* Instrument Type: VARIAN 3400-6 Column Type: DB-1 30M .53Omm1.5um *
* Solvent Description: H2@3.3ML/MIN. @200 *
* Conditions: 210H3.5 290@6/minH3 I=240 D=310 *
* Detector 0: Detector 1: ECD4AT/R1 *
* Misc. Information: 2ul inj. 10ml/min split CID4342635 *

****

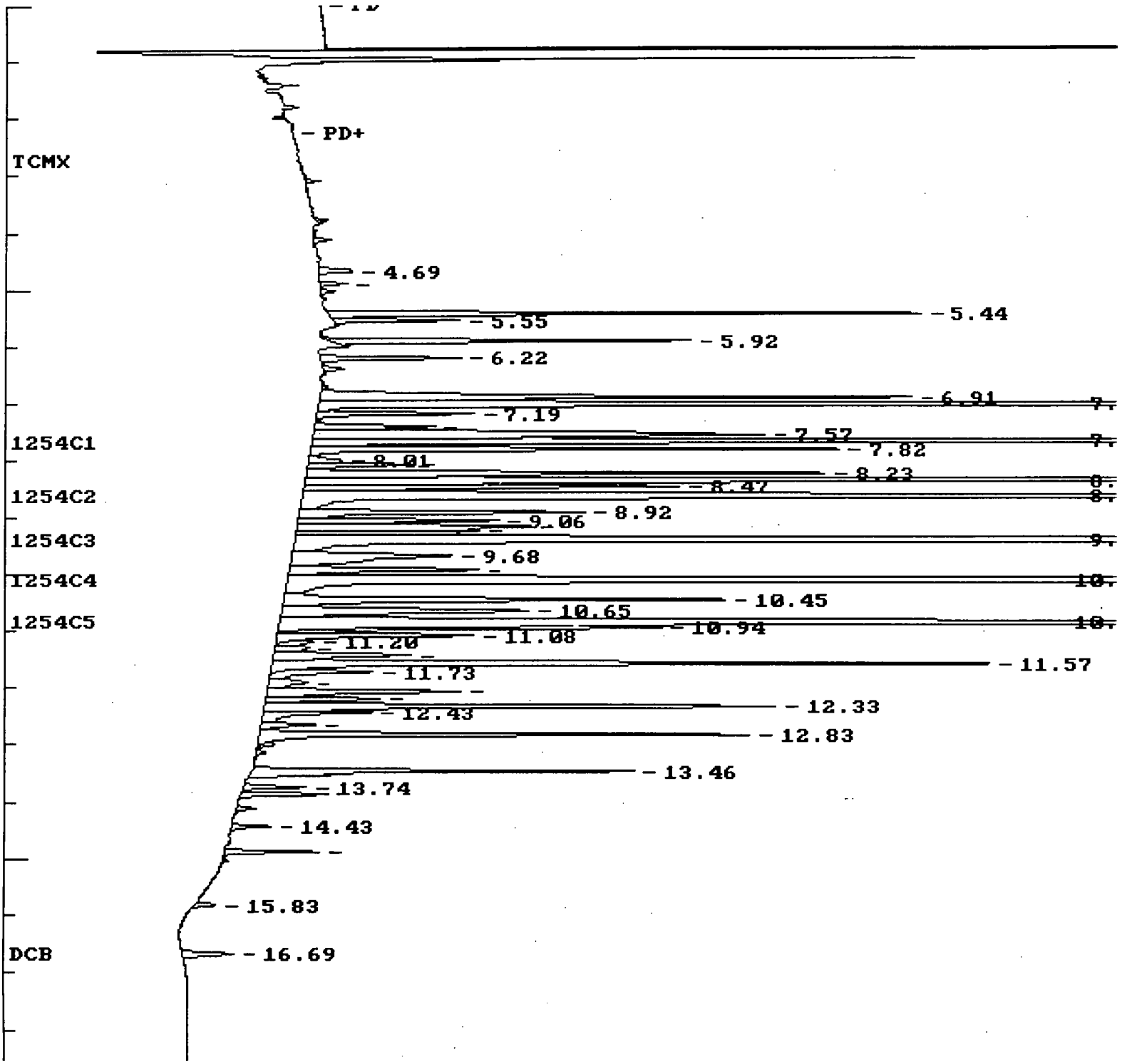
Starting Delay: 0.00 Ending retention time: 18.50
Area reject: 15000 One sample per 0.500 sec.
Amount injected: 1.00 Dilution factor: 1.00
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
5	4.692		0.0000	0.0000%	34023	6392	5.3	1			0.0000E+00
6	4.908		0.0000	0.0000%	16813	5143	3.3	1			0.0000E+00
8	5.442		0.0000	0.0000%	369031	110376	3.3	2			0.0000E+00
9	5.550		0.0000	0.0000%	73511	23708	3.1	2			0.0000E+00
10	5.917		0.0000	0.0000%	221166	66650	3.3	1			0.0000E+00
11	6.217		0.0000	0.0000%	100366	26464	3.8	2			0.0000E+00
14	6.908		0.0000	0.0000%	494272	110260	4.5	2			0.0000E+00
15	7.025		0.0000	0.0000%	873207	219413	4.0	2			0.0000E+00
16	7.192		0.0000	0.0000%	114556	29437	3.9	2			0.0000E+00
17	7.425		0.0000	0.0000%	88874	22495	4.0	2			0.0000E+00
18	7.567		0.0000	0.0000%	497731	84356	5.9	2			0.0000E+00
19	7.667	1254C1	1.1003	17.4266%	1042061	269442	3.9	2	62	0	1.0559E-06
20	7.817		0.0000	0.0000%	393888	98509	4.0	2			0.0000E+00
21	8.008		0.0000	0.0000%	27107	6282	4.3	2			0.0000E+00
22	8.083		0.0000	0.0000%	80408	19550	4.1	2			0.0000E+00
23	8.233		0.0000	0.0000%	387798	96756	4.0	2			0.0000E+00
24	8.350		0.0000	0.0000%	987030	247567	4.0	2			0.0000E+00
25	8.467		0.0000	0.0000%	299493	70434	4.3	2			0.0000E+00
26	8.625	1254C2	1.1892	18.8354%	2148298	542735	4.0	2	62	0	5.5357E-07
27	8.917		0.0000	0.0000%	228974	53517	4.3	2			0.0000E+00
28	9.058		0.0000	0.0000%	165893	37632	4.4	2			0.0000E+00
29	9.158		0.0000	0.0000%	229987	43929	5.2	2			0.0000E+00
30	9.242		0.0000	0.0000%	125234	34391	3.6	2			0.0000E+00
31	9.383	1254C3	1.3421	21.2562%	2012681	424141	4.7	2	62	0	6.6682E-07
32	9.675		0.0000	0.0000%	245488	30122	8.1	2			0.0000E+00
33	9.925		0.0000	0.0000%	159419	35499	4.5	2			0.0000E+00
34	10.092	1254C4	1.3283	21.0380%	2374630	549912	4.3	2	62	0	5.5938E-07
35	10.450		0.0000	0.0000%	403060	82558	4.9	2			0.0000E+00
36	10.650		0.0000	0.0000%	296560	46307	6.4	2			0.0000E+00
37	10.842	1254C5	1.3526	21.4224%	2070700	475492	4.4	3	62	.0498	6.5320E-07
38	10.942		0.0000	0.0000%	217520	53920	4.0	4			0.0000E+00
39	11.075		0.0000	0.0000%	174372	36862	4.7	3			0.0000E+00
40	11.200		0.0000	0.0000%	29085	6276	4.6	4			0.0000E+00
41	11.300		0.0000	0.0000%	34143	6427	5.3	2			0.0000E+00
42	11.433		0.0000	0.0000%	125859	25704	4.9	2			0.0000E+00
43	11.567		0.0000	0.0000%	618179	134038	4.6	3			0.0000E+00
44	11.725		0.0000	0.0000%	95159	18637	5.1	4			0.0000E+00
45	11.908		0.0000	0.0000%	43297	7318	5.9	2			0.0000E+00

46	12.067	0.0000	0.0000%	171449	36365	4.7	2			0.0000E+00
47	12.192	0.0000	0.0000%	90792	21331	4.3	2			0.0000E+00
48	12.325	0.0000	0.0000%	404016	95554	4.2	2			0.0000E+00
49	12.433	0.0000	0.0000%	107969	20268	5.3	2			0.0000E+00
50	12.667	0.0000	0.0000%	50039	10257	4.9	2			0.0000E+00
51	12.825	0.0000	0.0000%	374776	91649	4.1	3			0.0000E+00
54	13.458	0.0000	0.0000%	292158	71649	4.1	1			0.0000E+00
55	13.742	0.0000	0.0000%	42234	11912	3.5	2			0.0000E+00
56	13.867	0.0000	0.0000%	53308	16230	3.3	2			0.0000E+00
58	14.433	0.0000	0.0000%	25641	7392	3.5	1			0.0000E+00
59	14.883	0.0000	0.0000%	62294	17700	3.5	2			0.0000E+00
61	15.833	0.0000	0.0000%	15234	4115	3.7	1			0.0000E+00
62	16.692 DCB	0.0014	0.0214%	43067	9608	4.5	1	62	0	3.1361E-08

TOTAL AMOUNT = 6.3139

Areas, times, and heights stored in: O:54PCB17.ATB
Data File = O:54PCB17.PTS Printed on 08-21-1998 at 18:30:53
Start time: 0.00 min. Stop time: 18.50 min. Offset: -50 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-21-1998 18:31:01 Version 5.1.5 **********

* Sample Name: AR1242 1.0 PC056D Data File: O:54PCB18 *

* Date: 08-21-1998 14:59:27 Method: O:54PCB4 08-18-1998 13:49:57 # 4196*

* Interface: 2 Cycle#: 18 Operator TMC Channel#: 1 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

* Instrument Type: VARIAN 3400-6 Column Type: DB-1 30M .530mm1.5um *

* Solvent Description: H2@3.3ML/MIN. @200 *

* Conditions: 210H3.5 290@6/minH3 I=240 D=310 *

* Detector 0: Detector 1: ECD4AT/R1 *

* Misc. Information: 2ul inj. 10ml/min split CID4342635 *

****

Starting Delay: 0.00 Ending retention time: 18.50

Area reject: 4000 One sample per 0.500 sec.

Amount injected: 1.00 Dilution factor: 1.00

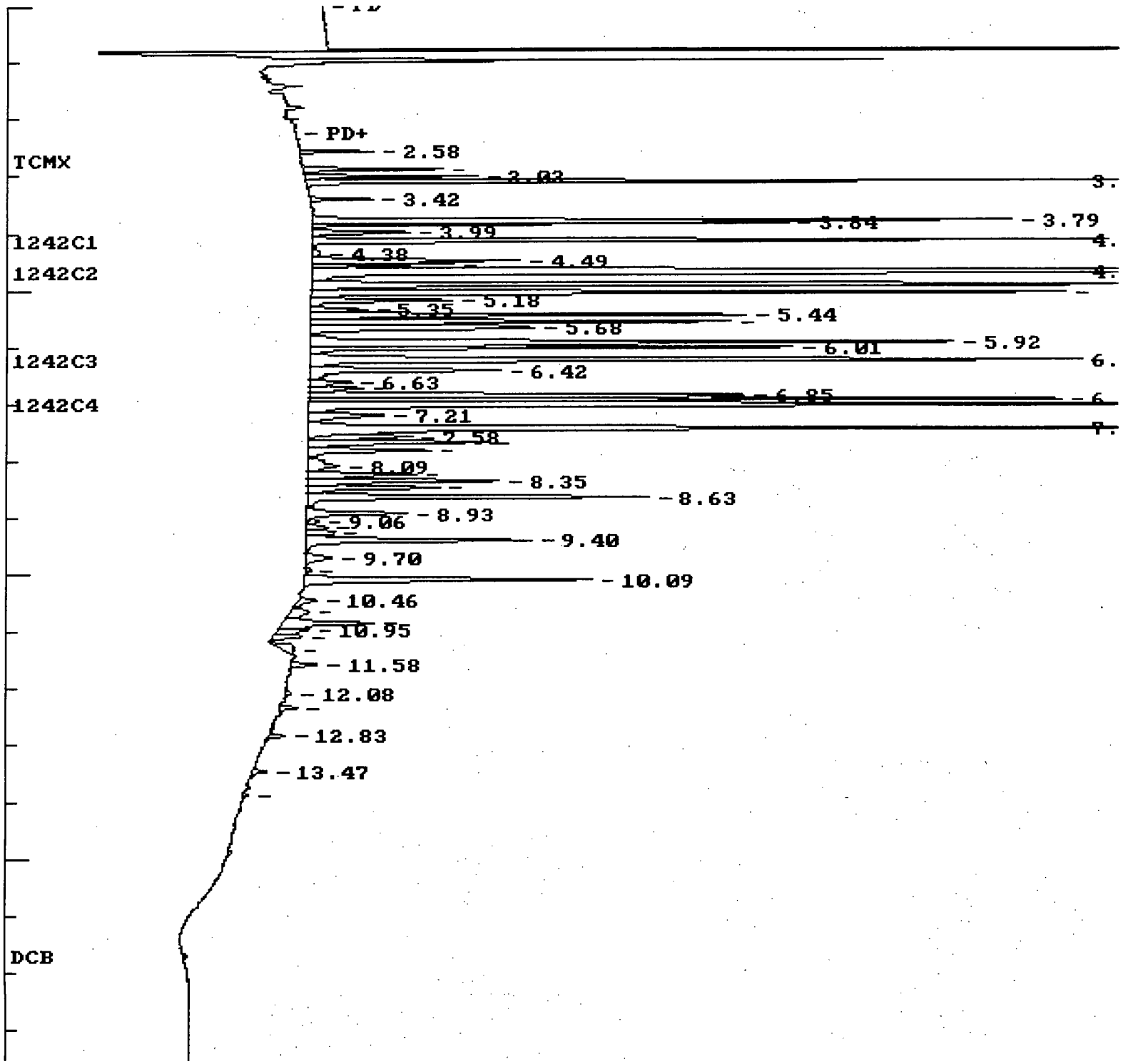
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
2	2.583		0.0000	0.0000%	31622	13696	2.3	1			0.0000E+00
3	2.892		0.0000	0.0000%	75942	26227	2.9	2			0.0000E+00
4	3.017		0.0000	0.0000%	79775	32443	2.5	2			0.0000E+00
5	3.108		0.0000	0.0000%	393328	156785	2.5	2			0.0000E+00
6	3.417		0.0000	0.0000%	31561	11749	2.7	1			0.0000E+00
7	3.792		0.0000	0.0000%	390357	130600	3.0	2			0.0000E+00
8	3.842		0.0000	0.0000%	233379	88814	2.6	2			0.0000E+00
9	3.992		0.0000	0.0000%	66891	18142	3.7	2			0.0000E+00
10	4.142	1242C1	1.0663	20.4180%	440389	148919	3.0	2	0	0	2.4213E-06
11	4.383		0.0000	0.0000%	8946	1528	5.9	2			0.0000E+00
12	4.492		0.0000	0.0000%	132352	39091	3.4	2			0.0000E+00
13	4.558		0.0000	0.0000%	80539	26541	3.0	2			0.0000E+00
14	4.700	1242C2	1.0784	20.6488%	1579172	328014	4.8	2	0	0	6.8288E-07
15	4.908		0.0000	0.0000%	628019	189704	3.3	2			0.0000E+00
16	5.050		0.0000	0.0000%	464318	141213	3.3	2			0.0000E+00
17	5.183		0.0000	0.0000%	96100	26438	3.6	2			0.0000E+00
18	5.350		0.0000	0.0000%	41152	10562	3.9	2			0.0000E+00
19	5.442		0.0000	0.0000%	282727	81471	3.5	2			0.0000E+00
20	5.558		0.0000	0.0000%	276931	78672	3.5	2			0.0000E+00
21	5.675		0.0000	0.0000%	244888	41977	5.8	2			0.0000E+00
22	5.917		0.0000	0.0000%	447122	120124	3.7	2			0.0000E+00
23	6.008		0.0000	0.0000%	329367	90208	3.7	2			0.0000E+00
24	6.225	1242C3	1.0193	19.5177%	621808	144317	4.3	2	0	0	1.6393E-06
25	6.417		0.0000	0.0000%	153506	35809	4.3	2			0.0000E+00
26	6.625		0.0000	0.0000%	35036	7964	4.4	2			0.0000E+00
27	6.733		0.0000	0.0000%	41848	10202	4.1	2			0.0000E+00
28	6.850		0.0000	0.0000%	275349	81459	3.4	2			0.0000E+00
29	6.917		0.0000	0.0000%	545056	140717	3.9	2			0.0000E+00
30	7.008	1242C4	1.0304	19.7305%	681266	165324	4.1	2	0	0	1.5125E-06
31	7.208		0.0000	0.0000%	80272	14102	5.7	2			0.0000E+00
32	7.433	1242C5	1.0280	19.6851%	722751	167985	4.3	3	0	.1122	1.4224E-06
33	7.575		0.0000	0.0000%	77011	18444	4.2	4			0.0000E+00
34	7.675		0.0000	0.0000%	142158	33563	4.2	2			0.0000E+00
35	7.817		0.0000	0.0000%	101324	23096	4.4	2			0.0000E+00
36	8.092		0.0000	0.0000%	44888	6116	7.3	2			0.0000E+00
37	8.233		0.0000	0.0000%	88933	20412	4.4	2			0.0000E+00
38	8.350		0.0000	0.0000%	143036	36004	4.0	2			0.0000E+00
39	8.467		0.0000	0.0000%	109173	24866	4.4	2			0.0000E+00

40	8.633	0.0000	0.0000%	279963	64220	4.4	2	0.0000E+00
41	8.925	0.0000	0.0000%	85777	18850	4.6	3	0.0000E+00
42	9.058	0.0000	0.0000%	9922	2226	4.5	4	0.0000E+00
43	9.175	0.0000	0.0000%	17351	4041	4.3	2	0.0000E+00
44	9.250	0.0000	0.0000%	25880	5461	4.7	2	0.0000E+00
45	9.400	0.0000	0.0000%	200021	42358	4.7	2	0.0000E+00
46	9.700	0.0000	0.0000%	32449	5168	6.3	2	0.0000E+00
47	9.933	0.0000	0.0000%	5613	1130	5.0	2	0.0000E+00
48	10.092	0.0000	0.0000%	232511	53823	4.3	2	0.0000E+00
49	10.458	0.0000	0.0000%	20526	3774	5.4	2	0.0000E+00
50	10.650	0.0000	0.0000%	31790	3774	8.4	2	0.0000E+00
51	10.842	0.0000	0.0000%	91550	17321	5.3	2	0.0000E+00
52	10.950	0.0000	0.0000%	30883	6037	5.1	2	0.0000E+00
53	11.083	0.0000	0.0000%	32038	5725	5.6	2	0.0000E+00
54	11.325	0.0000	0.0000%	21069	1156	18.2	1	0.0000E+00
55	11.575	0.0000	0.0000%	20208	4907	4.1	1	0.0000E+00
56	12.075	0.0000	0.0000%	4601	1182	3.9	1	0.0000E+00
57	12.333	0.0000	0.0000%	11411	3248	3.5	1	0.0000E+00
58	12.833	0.0000	0.0000%	11926	3179	3.8	1	0.0000E+00
59	13.467	0.0000	0.0000%	11631	2730	4.3	1	0.0000E+00
60	13.883	0.0000	0.0000%	4087	1061	3.9	1	0.0000E+00

TOTAL AMOUNT = 5.2225

Areas, times, and heights stored in: O:54PCB18.ATB
Data File = O:54PCB18.PTS Printed on 08-21-1998 at 18:31:04
Start time: 0.00 min. Stop time: 18.50 min. Offset: -50 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-21-1998 18:31:12 Version 5.1.5 **********

* Sample Name: AR2148 1.2 PC042D Data File: O:54PCB19 *

* Date: 08-21-1998 15:20:24 Method: O:54PCB1 08-18-1998 13:47:16 # 4587*

* Interface: 2 Cycle#: 19 Operator TMC Channel#: 1 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

* Instrument Type: VARIAN 3400-6 Column Type: DB-1 30M .53Omml.5um *

* Solvent Description: H2@3.3ML/MIN. @200 *

* Conditions: 210H3.5 290@6/minH3 I=240 D=310 *

* Detector 0: Detector 1: ECD4AT/R1 *

* Misc. Information: 2ul inj. 10ml/min split CID4342635 *

****

Starting Delay: 0.00 Ending retention time: 18.50

Area reject: 3000 One sample per 0.500 sec.

Amount injected: 1.00 Dilution factor: 1.00

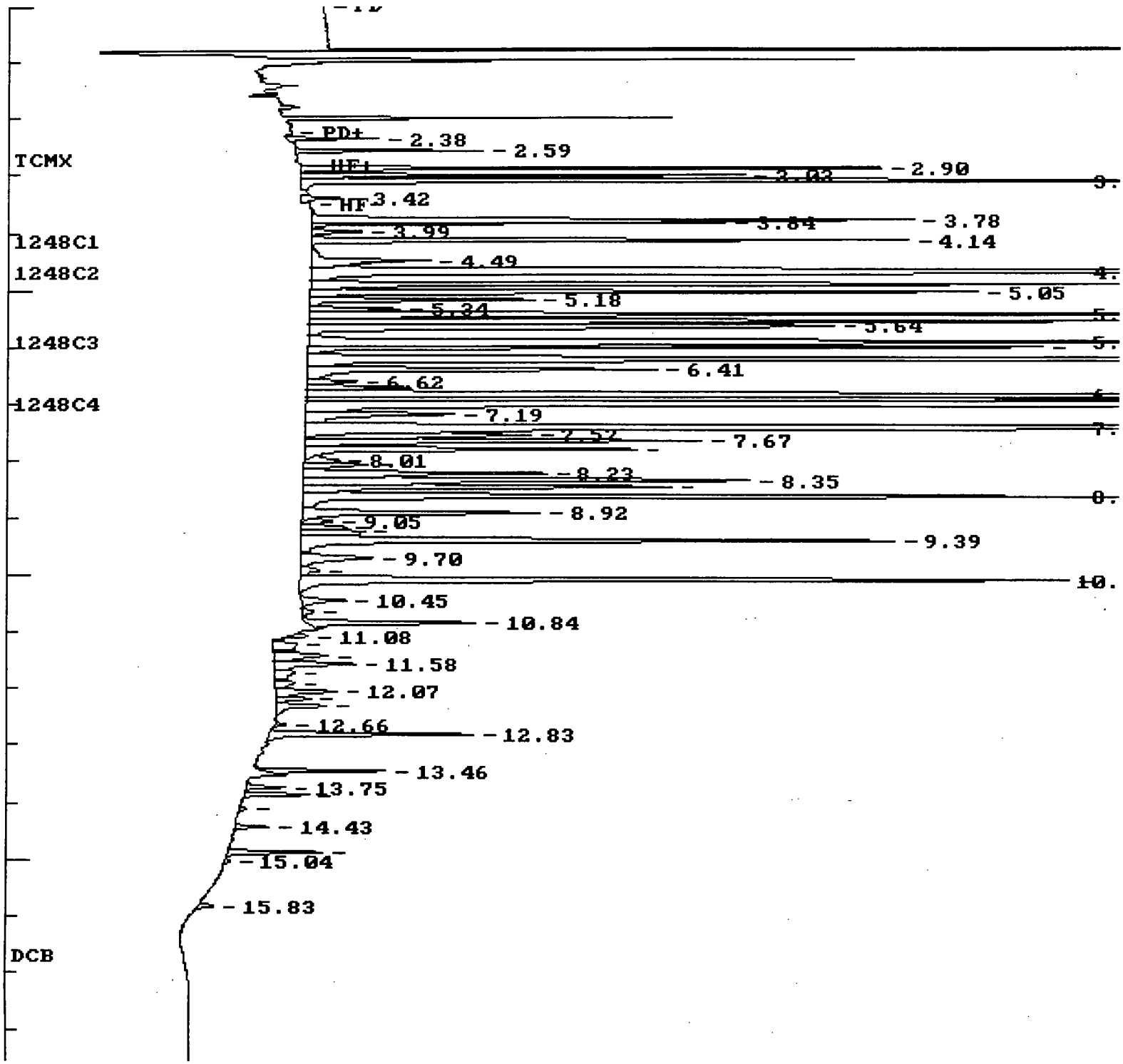
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	2.375		0.0000	0.0000%	34560	17053	2.0	1			0.0000E+00
2	2.592		0.0000	0.0000%	80297	35148	2.3	1			0.0000E+00
3	2.900	1221C1	1.3114	12.1359%	309049	108372	2.9	2	0	.2881	4.2433E-06
4	3.017	1221C2	1.3053	12.0796%	205949	83211	2.5	2	0	0	6.3380E-06
5	3.108	1221C3	1.3450	12.4466%	854038	327975	2.6	2	0	0	1.5748E-06
6	3.417		0.0000	0.0000%	29976	7833	3.8	1			0.0000E+00
7	3.783		0.0000	0.0000%	362495	112119	3.2	2			0.0000E+00
8	3.842		0.0000	0.0000%	201397	77290	2.6	2			0.0000E+00
9	3.992		0.0000	0.0000%	34030	9421	3.6	2			0.0000E+00
10	4.142	1248C1	1.3287	12.2964%	330153	111424	3.0	2	0	0	4.0246E-06
11	4.492		0.0000	0.0000%	119018	22371	5.3	2			0.0000E+00
12	4.692	1248C2	1.4057	13.0082%	1904492	402781	4.7	2	0	-.1773	7.3807E-07
13	4.908		0.0000	0.0000%	532113	160379	3.3	2			0.0000E+00
14	5.050		0.0000	0.0000%	431231	124868	3.5	2			0.0000E+00
15	5.183		0.0000	0.0000%	149211	42187	3.5	2			0.0000E+00
16	5.342		0.0000	0.0000%	61759	17074	3.6	2			0.0000E+00
17	5.442		0.0000	0.0000%	581168	168105	3.5	2			0.0000E+00
18	5.550		0.0000	0.0000%	560526	156351	3.6	2			0.0000E+00
19	5.642		0.0000	0.0000%	521995	98056	5.3	2			0.0000E+00
20	5.917	1248C3	1.3397	12.3976%	872517	246651	3.5	2	0	0	1.5354E-06
21	6.008		0.0000	0.0000%	490218	137563	3.6	2			0.0000E+00
22	6.217		0.0000	0.0000%	1321628	320709	4.1	2			0.0000E+00
23	6.408		0.0000	0.0000%	270655	65560	4.1	2			0.0000E+00
24	6.617		0.0000	0.0000%	42232	9309	4.5	2			0.0000E+00
25	6.725		0.0000	0.0000%	75599	19510	3.9	2			0.0000E+00
26	6.842		0.0000	0.0000%	743082	215169	3.5	2			0.0000E+00
27	6.908		0.0000	0.0000%	1272347	344048	3.7	2			0.0000E+00
28	7.008	1248C4	1.3702	12.6801%	1504814	382417	3.9	2	0	0	9.1054E-07
29	7.192		0.0000	0.0000%	145219	27932	5.2	2			0.0000E+00
30	7.425	1248C5	1.4000	12.9556%	1739142	438992	4.0	3	0	0	8.0498E-07
31	7.567		0.0000	0.0000%	178157	39784	4.5	4			0.0000E+00
32	7.667		0.0000	0.0000%	304275	74384	4.1	2			0.0000E+00
33	7.817		0.0000	0.0000%	265421	62252	4.3	3			0.0000E+00
34	8.008		0.0000	0.0000%	28130	6404	4.4	4			0.0000E+00
35	8.083		0.0000	0.0000%	58180	12004	4.8	4			0.0000E+00
36	8.233		0.0000	0.0000%	193469	45591	4.2	2			0.0000E+00
37	8.350		0.0000	0.0000%	356675	83483	4.3	2			0.0000E+00
38	8.467		0.0000	0.0000%	296193	68979	4.3	2			0.0000E+00

39	8.625	0.0000	0.0000%	662332	152827	4.3 2	0.0000E+00
40	8.917	0.0000	0.0000%	196810	44587	4.4 3	0.0000E+00
41	9.050	0.0000	0.0000%	25333	5458	4.6 4	0.0000E+00
42	9.175	0.0000	0.0000%	37154	8295	4.5 2	0.0000E+00
43	9.242	0.0000	0.0000%	52652	11782	4.5 2	0.0000E+00
44	9.392	0.0000	0.0000%	518634	110516	4.7 2	0.0000E+00
45	9.700	0.0000	0.0000%	85151	13521	6.3 2	0.0000E+00
46	9.925	0.0000	0.0000%	18582	3649	5.1 2	0.0000E+00
47	10.083	0.0000	0.0000%	646403	143706	4.5 2	0.0000E+00
48	10.450	0.0000	0.0000%	40948	8405	4.9 2	0.0000E+00
49	10.642	0.0000	0.0000%	12083	2276	5.3 2	0.0000E+00
50	10.842	0.0000	0.0000%	125451	30859	4.1 1	0.0000E+00
51	11.075	0.0000	0.0000%	15318	3962	3.9 1	0.0000E+00
52	11.217	0.0000	0.0000%	32617	4581	7.1 2	0.0000E+00
53	11.433	0.0000	0.0000%	63414	10166	6.2 2	0.0000E+00
54	11.575	0.0000	0.0000%	82361	15167	5.4 2	0.0000E+00
55	11.733	0.0000	0.0000%	28647	3721	7.7 2	0.0000E+00
56	11.917	0.0000	0.0000%	22862	3609	6.3 2	0.0000E+00
57	12.067	0.0000	0.0000%	54734	11401	4.8 2	0.0000E+00
58	12.192	0.0000	0.0000%	29303	6440	4.5 2	0.0000E+00
59	12.325	0.0000	0.0000%	43344	9288	4.7 2	0.0000E+00
60	12.658	0.0000	0.0000%	8513	2352	3.6 1	0.0000E+00
61	12.825	0.0000	0.0000%	145762	38089	3.8 1	0.0000E+00
62	13.458	0.0000	0.0000%	66950	21640	3.1 1	0.0000E+00
63	13.750	0.0000	0.0000%	25800	7383	3.5 1	0.0000E+00
64	13.875	0.0000	0.0000%	39039	12214	3.2 2	0.0000E+00
65	14.117	0.0000	0.0000%	4821	1415	3.4 2	0.0000E+00
66	14.433	0.0000	0.0000%	22433	6650	3.4 1	0.0000E+00
67	14.883	0.0000	0.0000%	62289	17589	3.5 2	0.0000E+00
68	15.042	0.0000	0.0000%	3644	1004	3.6 2	0.0000E+00
69	15.833	0.0000	0.0000%	10379	2885	3.6 1	0.0000E+00

TOTAL AMOUNT = 10.8059

Areas, times, and heights stored in: O:54PCB19.ATB
Data File = O:54PCB19.PTS Printed on 08-21-1998 at 18:31:14
Start time: 0.00 min. Stop time: 18.50 min. Offset: -50 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-21-1998 18:31:23 Version 5.1.5 **********

* Sample Name: AR1660 1.2 PC037D Data File: O:54PCB20 *

* Date: 08-21-1998 15:41:20 Method: O:54PCB2 08-21-1998 00:41:43 # 4513*

* Interface: 2 Cycle#: 20 Operator TMC Channel#: 1 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

* Instrument Type: VARIAN 3400-6 Column Type: DB-1 30M .53Omml.5um *

* Solvent Description: H2@3.3ML/MIN. @200 *

* Conditions: 210H3.5 290@6/minH3 I=240 D=310 *

* Detector 0: Detector 1: ECD4AT/R1 *

* Misc. Information: 2ul inj. 10ml/min split CID4342635 *

****

Starting Delay: 0.00 Ending retention time: 17.25

Area reject: 10000 One sample per 0.500 sec.

Amount injected: 1.00 Dilution factor: 1.00

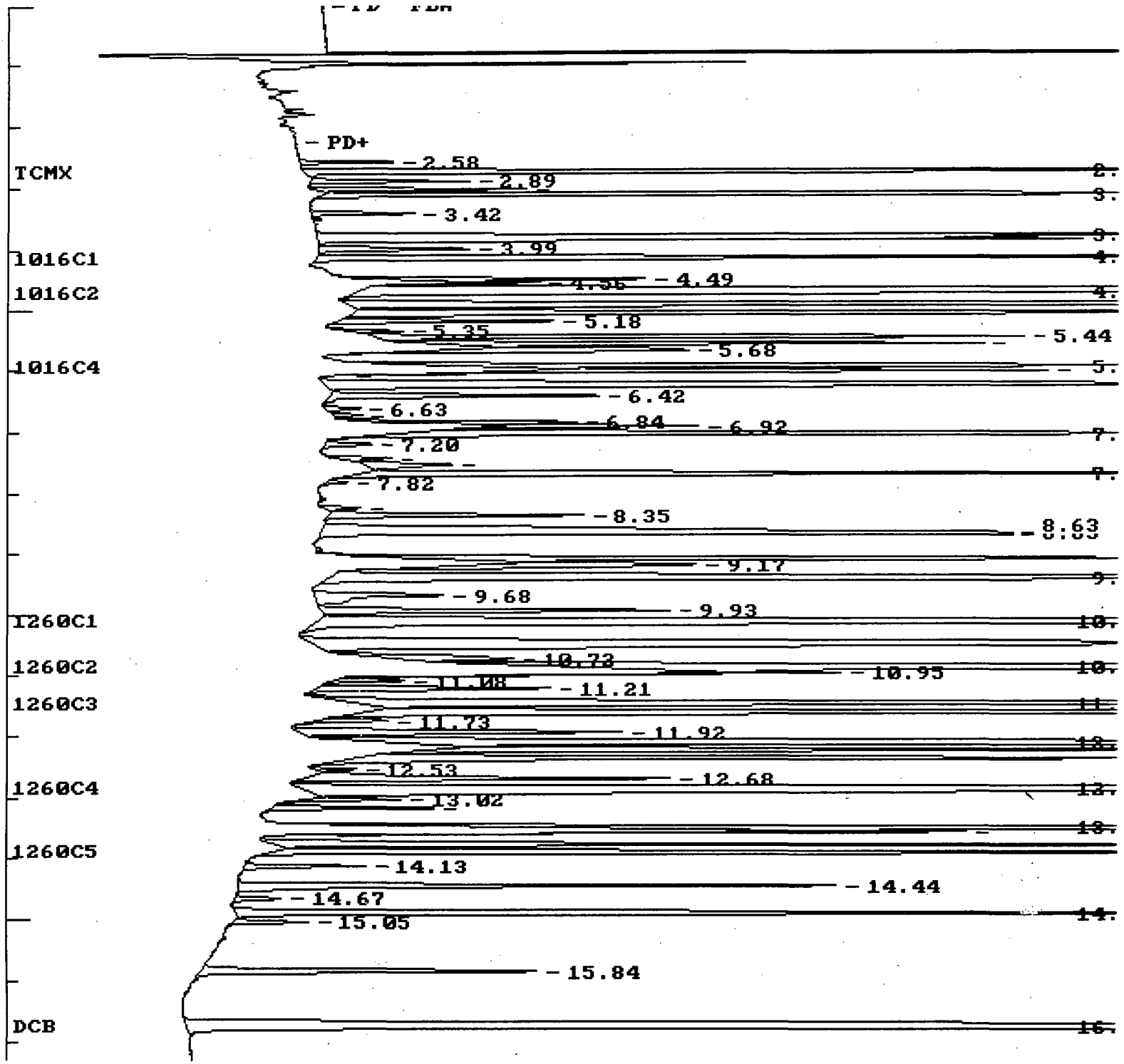
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	2.583		0.0000	0.0000%	40033	17414	2.3	1			0.0000E+00
2	2.742	TCMX	0.0488	0.4064%	1786225	881458	2.0	1	52	.1587	2.7344E-08
3	2.892		0.0000	0.0000%	82803	29927	2.8	1			0.0000E+00
4	3.025		0.0000	0.0000%	88171	38518	2.3	1			0.0000E+00
5	3.108		0.0000	0.0000%	531124	216736	2.5	1			0.0000E+00
6	3.417		0.0000	0.0000%	51952	19186	2.7	1			0.0000E+00
8	3.792		0.0000	0.0000%	1004974	215527	4.7	1			0.0000E+00
9	3.992		0.0000	0.0000%	102812	28420	3.6	1			0.0000E+00
10	4.142	1016C1	1.1495	9.5642%	717409	245156	2.9	1	52	-.1456	1.6023E-06
11	4.492		0.0000	0.0000%	111627	41498	2.7	1			0.0000E+00
12	4.558		0.0000	0.0000%	31453	18941	1.7	1			0.0000E+00
13	4.700	1016C2	1.1393	9.4796%	2728151	615560	4.4	1	52	0	4.1761E-07
14	4.908	1016C3	1.0987	9.1415%	991965	318853	3.1	1	52	-.1456	1.1076E-06
15	5.050		0.0000	0.0000%	707356	227176	3.1	1			0.0000E+00
16	5.183		0.0000	0.0000%	128061	40488	3.2	1			0.0000E+00
17	5.350		0.0000	0.0000%	25737	9496	2.7	1			0.0000E+00
18	5.442		0.0000	0.0000%	379073	121314	3.1	1			0.0000E+00
19	5.558		0.0000	0.0000%	292644	98664	3.0	1			0.0000E+00
20	5.675		0.0000	0.0000%	213514	49104	4.3	1			0.0000E+00
21	5.925	1016C4	0.7891	6.5659%	468680	151898	3.1	1	52	0	1.6837E-06
22	6.008		0.0000	0.0000%	304308	103582	2.9	1			0.0000E+00
23	6.225	1016C5	1.1324	9.4217%	956159	230924	4.1	1	52	0	1.1843E-06
24	6.417		0.0000	0.0000%	181190	50378	3.6	1			0.0000E+00
25	6.625		0.0000	0.0000%	21040	6231	3.4	1			0.0000E+00
26	6.733		0.0000	0.0000%	15626	5440	2.9	1			0.0000E+00
27	6.842		0.0000	0.0000%	63872	22781	2.8	1			0.0000E+00
28	6.917		0.0000	0.0000%	98676	39711	2.5	1			0.0000E+00
29	7.033		0.0000	0.0000%	623633	162165	3.8	1			0.0000E+00
30	7.200		0.0000	0.0000%	31505	8534	3.7	1			0.0000E+00
31	7.425		0.0000	0.0000%	26927	8674	3.1	1			0.0000E+00
32	7.525		0.0000	0.0000%	69986	16048	4.4	1			0.0000E+00
33	7.675		0.0000	0.0000%	558132	153051	3.6	1			0.0000E+00
34	7.817		0.0000	0.0000%	12116	3877	3.1	1			0.0000E+00
36	8.242		0.0000	0.0000%	20798	6385	3.3	1			0.0000E+00
37	8.350		0.0000	0.0000%	179729	47877	3.8	1			0.0000E+00
38	8.633		0.0000	0.0000%	714459	129288	5.5	1			0.0000E+00
40	9.067		0.0000	0.0000%	471967	130242	3.6	1			0.0000E+00
41	9.167		0.0000	0.0000%	210752	40517	5.2	1			0.0000E+00

42	9.375		0.0000	0.0000%	1833672	454418	4.0	1			0.0000E+00
43	9.675		0.0000	0.0000%	131405	24168	5.4	1			0.0000E+00
44	9.933		0.0000	0.0000%	255947	65059	3.9	1			0.0000E+00
45	10.108	1260C1	1.3658	11.3638%	3154044	798138	4.0	1	52	-.0632	4.3302E-07
46	10.458		0.0000	0.0000%	1358344	263269	5.2	1			0.0000E+00
47	10.717		0.0000	0.0000%	110057	19915	5.5	1			0.0000E+00
48	10.850	1260C2	1.2127	10.0900%	3231474	854470	3.8	OV	52	0	3.7527E-07
49	10.950		0.0000	0.0000%	88302	35304	2.5	1			0.0000E+00
50	11.083		0.0000	0.0000%	40750	13086	3.1	1			0.0000E+00
51	11.208		0.0000	0.0000%	169584	44008	3.9	1			0.0000E+00
52	11.442	1260C3	1.2292	10.2277%	1083124	262159	4.1	1	52	0	1.1349E-06
53	11.592		0.0000	0.0000%	907979	222471	4.1	1			0.0000E+00
54	11.733		0.0000	0.0000%	46854	13720	3.4	1			0.0000E+00
55	11.917		0.0000	0.0000%	244947	59940	4.1	1			0.0000E+00
56	12.075		0.0000	0.0000%	1274127	339312	3.8	1			0.0000E+00
57	12.200		0.0000	0.0000%	482614	142532	3.4	1			0.0000E+00
58	12.333		0.0000	0.0000%	634011	160247	4.0	1			0.0000E+00
59	12.525		0.0000	0.0000%	18369	7170	2.6	1			0.0000E+00
60	12.675		0.0000	0.0000%	276812	68805	4.0	1			0.0000E+00
61	12.817	1260C4	1.2910	10.7420%	4052960	911801	4.4	OV	52	-.1456	3.1854E-07
62	13.017		0.0000	0.0000%	50954	17634	2.9	1			0.0000E+00
63	13.158		0.0000	0.0000%	104707	30631	3.4	1			0.0000E+00
64	13.467		0.0000	0.0000%	1513988	539135	2.8	1			0.0000E+00
65	13.542		0.0000	0.0000%	94777	52688	1.8	1			0.0000E+00
66	13.758		0.0000	0.0000%	604013	175799	3.4	1			0.0000E+00
67	13.883	1260C5	1.4480	12.0482%	847230	271184	3.1	1	52	0	1.7091E-06
68	14.125		0.0000	0.0000%	72817	22653	3.2	1			0.0000E+00
69	14.442		0.0000	0.0000%	409028	111529	3.7	1			0.0000E+00
70	14.667		0.0000	0.0000%	29819	8716	3.4	1			0.0000E+00
71	14.892		0.0000	0.0000%	820273	236081	3.5	1			0.0000E+00
72	15.050		0.0000	0.0000%	46424	14015	3.3	1			0.0000E+00
73	15.842		0.0000	0.0000%	255656	62805	4.1	1			0.0000E+00
74	16.708	DCB	0.1141	0.9490%	3636982	884483	4.1	1	74	0	3.1361E-08

TOTAL AMOUNT = 12.0186

Areas, times, and heights stored in: O:54PCB20.ATB
Data File = O:54PCB20.PTS Printed on 08-21-1998 at 18:31:25
Start time: 0.00 min. Stop time: 17.25 min. Offset: -50 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-21-1998 18:31:33 Version 5.1.5 **********

* Sample Name: AR1254 1.2 PC043D Data File: O:54PCB21 *

* Date: 08-21-1998 16:02:12 Method: O:54PCB3 08-18-1998 13:48:46 # 3162*

* Interface: 2 Cycle#: 21 Operator TMC Channel#: 1 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

* Instrument Type: VARIAN 3400-6 Column Type: DB-1 30M .530mm1.5um *

* Solvent Description: H2@3.3ML/MIN. @200 *

* Conditions: 210H3.5 290@6/minH3 I=240 D=310 *

* Detector 0: Detector 1: ECD4AT/R1 *

* Misc. Information: 2ul inj. 10ml/min split CID4342635 *

****

Starting Delay: 0.00 Ending retention time: 18.50

Area reject: 15000 One sample per 0.500 sec.

Amount injected: 1.00 Dilution factor: 1.00

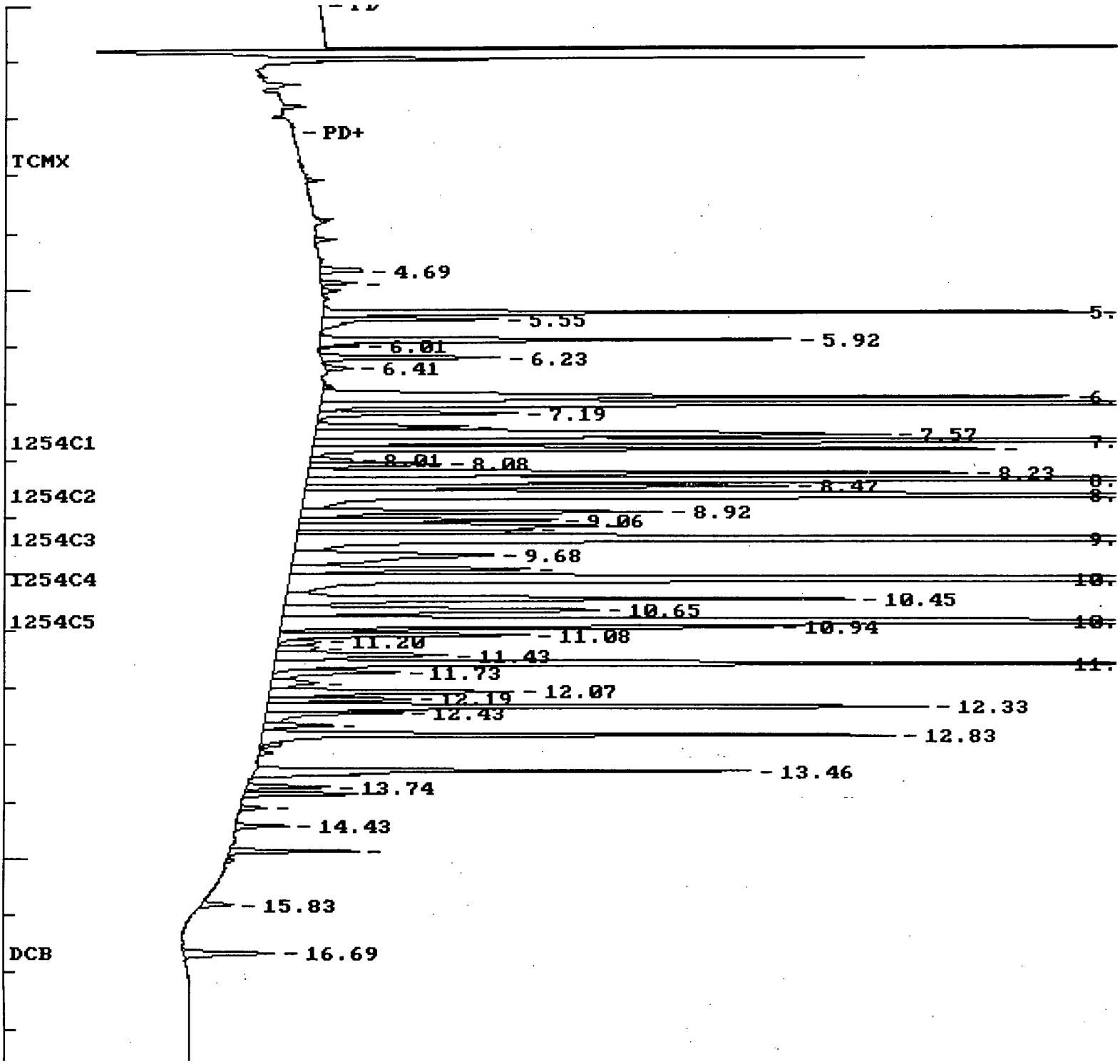
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
6	4.692		0.0000	0.0000%	42980	8078	5.3	1			0.0000E+00
7	4.908		0.0000	0.0000%	21566	6675	3.2	2			0.0000E+00
9	5.442		0.0000	0.0000%	490992	144280	3.4	2			0.0000E+00
10	5.550		0.0000	0.0000%	133514	33174	4.0	2			0.0000E+00
11	5.917		0.0000	0.0000%	320041	88177	3.6	3			0.0000E+00
12	6.008		0.0000	0.0000%	19790	5857	3.4	4			0.0000E+00
13	6.225		0.0000	0.0000%	128212	33788	3.8	2			0.0000E+00
14	6.408		0.0000	0.0000%	18972	5123	3.7	2			0.0000E+00
16	6.908		0.0000	0.0000%	644854	139905	4.6	2			0.0000E+00
17	7.025		0.0000	0.0000%	1120692	287043	3.9	2			0.0000E+00
18	7.192		0.0000	0.0000%	146663	37319	3.9	2			0.0000E+00
19	7.425		0.0000	0.0000%	110767	28538	3.9	2			0.0000E+00
20	7.567		0.0000	0.0000%	655702	107212	6.1	2			0.0000E+00
21	7.675	1254C1	1.4164	16.6776%	1341471	361846	3.7	2	64	0	1.0559E-06
22	7.817		0.0000	0.0000%	506357	127501	4.0	2			0.0000E+00
23	8.008		0.0000	0.0000%	28115	7940	3.5	2			0.0000E+00
24	8.083		0.0000	0.0000%	105077	24613	4.3	2			0.0000E+00
25	8.233		0.0000	0.0000%	487006	123194	4.0	2			0.0000E+00
26	8.350		0.0000	0.0000%	1248522	317428	3.9	2			0.0000E+00
27	8.467		0.0000	0.0000%	382833	90284	4.2	2			0.0000E+00
28	8.625	1254C2	1.6266	19.1523%	2938382	752654	3.9	2	64	0	5.5357E-07
29	8.917		0.0000	0.0000%	290787	67768	4.3	2			0.0000E+00
30	9.058		0.0000	0.0000%	208705	48150	4.3	2			0.0000E+00
31	9.167		0.0000	0.0000%	288842	56168	5.1	2			0.0000E+00
32	9.242		0.0000	0.0000%	160139	43774	3.7	2			0.0000E+00
33	9.392	1254C3	1.8022	21.2196%	2702682	587777	4.6	2	64	.1387	6.6682E-07
34	9.675		0.0000	0.0000%	306974	37540	8.2	2			0.0000E+00
35	9.925		0.0000	0.0000%	199454	44776	4.5	2			0.0000E+00
36	10.092	1254C4	1.8206	21.4369%	3254764	788255	4.1	2	64	0	5.5938E-07
37	10.450		0.0000	0.0000%	510054	106060	4.8	2			0.0000E+00
38	10.650		0.0000	0.0000%	372418	59024	6.3	2			0.0000E+00
39	10.842	1254C5	1.8248	21.4856%	2793597	676628	4.1	3	64	.0498	6.5320E-07
40	10.942		0.0000	0.0000%	281999	69838	4.0	4			0.0000E+00
41	11.075		0.0000	0.0000%	209857	46710	4.5	3			0.0000E+00
42	11.200		0.0000	0.0000%	35593	7510	4.7	4			0.0000E+00
43	11.300		0.0000	0.0000%	37938	7842	4.8	2			0.0000E+00
44	11.433		0.0000	0.0000%	155825	32200	4.8	2			0.0000E+00
45	11.575		0.0000	0.0000%	781344	172611	4.5	3			0.0000E+00

46	11.725	0.0000	0.0000%	116222	23142	5.0	4			0.0000E+00
47	11.908	0.0000	0.0000%	52345	8931	5.9	2			0.0000E+00
48	12.067	0.0000	0.0000%	213235	45736	4.7	2			0.0000E+00
49	12.192	0.0000	0.0000%	112483	26521	4.2	2			0.0000E+00
50	12.325	0.0000	0.0000%	517962	123289	4.2	2			0.0000E+00
51	12.433	0.0000	0.0000%	126401	25518	5.0	2			0.0000E+00
52	12.667	0.0000	0.0000%	61177	12945	4.7	2			0.0000E+00
53	12.825	0.0000	0.0000%	478307	118008	4.1	3			0.0000E+00
56	13.458	0.0000	0.0000%	379387	92604	4.1	1			0.0000E+00
57	13.742	0.0000	0.0000%	55048	15571	3.5	2			0.0000E+00
58	13.867	0.0000	0.0000%	69532	21236	3.3	2			0.0000E+00
59	14.117	0.0000	0.0000%	16286	4969	3.3	1			0.0000E+00
60	14.433	0.0000	0.0000%	34605	9916	3.5	1			0.0000E+00
61	14.883	0.0000	0.0000%	85822	24047	3.6	2			0.0000E+00
63	15.833	0.0000	0.0000%	24044	6052	4.0	1			0.0000E+00
64	16.692 DCB	0.0024	0.0280%	75861	17023	4.5	1	64	0	3.1361E-08

TOTAL AMOUNT = 8.4930

Areas, times, and heights stored in: O:54PCB21.ATB
Data File = O:54PCB21.PTS Printed on 08-21-1998 at 18:31:35
Start time: 0.00 min. Stop time: 18.50 min. Offset: -50 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-21-1998 18:31:44 Version 5.1.5 **********

* Sample Name: AR1242 1.2 PC044D Data File: O:54PCB22 *

* Date: 08-21-1998 16:23:08 Method: O:54PCB4 08-18-1998 13:49:57 # 4196*

* Interface: 2 Cycle#: 22 Operator TMC Channel#: 1 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

* Instrument Type: VARIAN 3400-6 Column Type: DB-1 30M .53Omml.5um *

* Solvent Description: H2@3.3ML/MIN. @200 *

* Conditions: 210H3.5 290@6/minH3 I=240 D=310 *

* Detector 0: Detector 1: ECD4AT/R1 *

* Misc. Information: 2ul inj. 10ml/min split CID4342635 *

****

Starting Delay: 0.00 Ending retention time: 18.50

Area reject: 4000 One sample per 0.500 sec.

Amount injected: 1.00 Dilution factor: 1.00

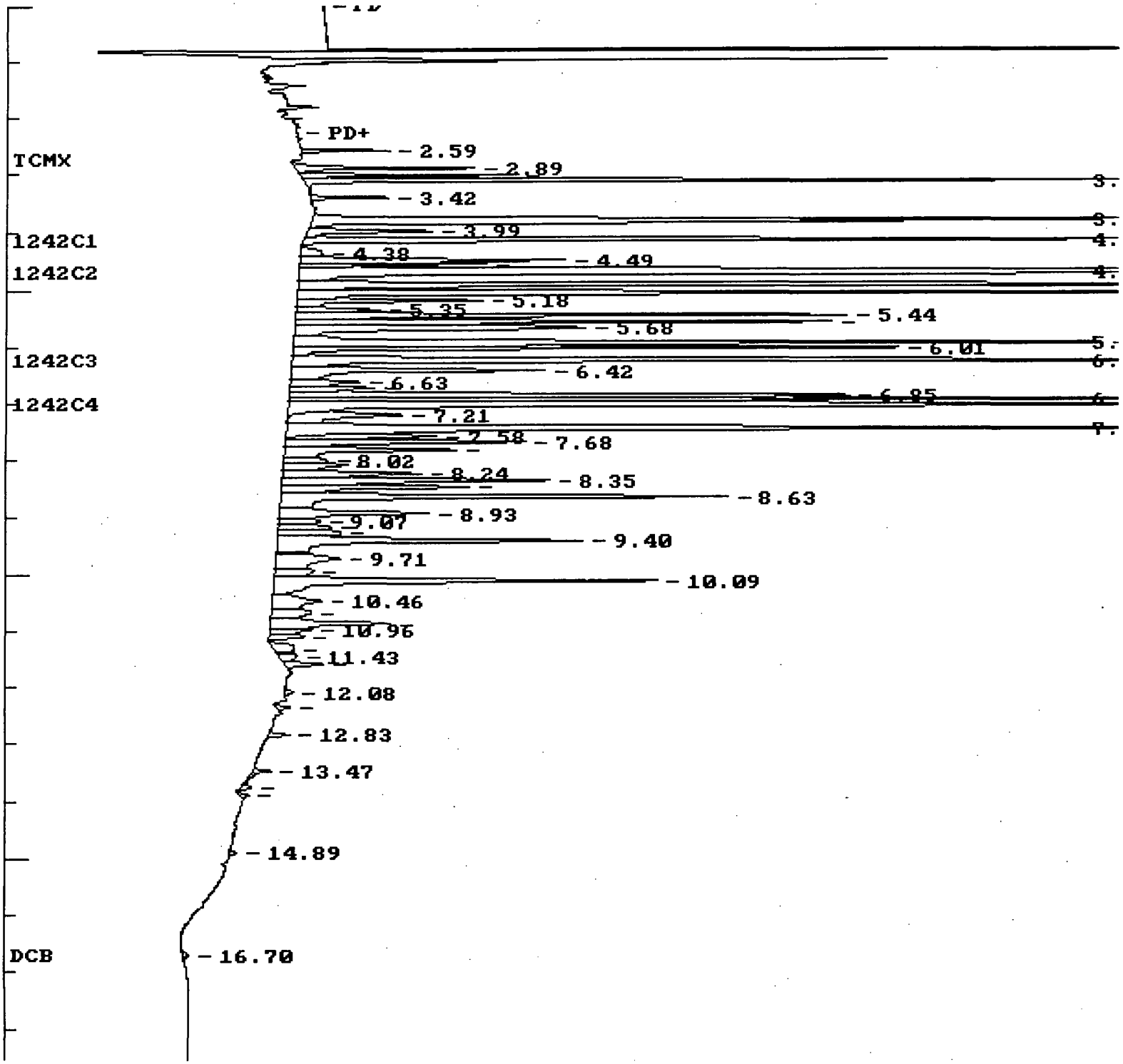
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
2	2.592		0.0000	0.0000%	38620	16563	2.3	1			0.0000E+00
3	2.892		0.0000	0.0000%	108023	33653	3.2	2			0.0000E+00
4	3.025		0.0000	0.0000%	103878	40659	2.6	2			0.0000E+00
5	3.108		0.0000	0.0000%	491626	194669	2.5	2			0.0000E+00
6	3.417		0.0000	0.0000%	39421	14647	2.7	1			0.0000E+00
7	3.792		0.0000	0.0000%	773933	161470	4.8	2			0.0000E+00
8	3.992		0.0000	0.0000%	93591	23431	4.0	2			0.0000E+00
9	4.142	1242C1	1.3409	19.8949%	553805	183369	3.0	2	0	0	2.4213E-06
10	4.383		0.0000	0.0000%	28710	4246	6.8	2			0.0000E+00
11	4.492		0.0000	0.0000%	190026	49899	3.8	2			0.0000E+00
12	4.558		0.0000	0.0000%	96539	35183	2.7	2			0.0000E+00
13	4.700	1242C2	1.3871	20.5799%	2031276	428763	4.7	2	0	0	6.8288E-07
14	4.908		0.0000	0.0000%	801234	237172	3.4	2			0.0000E+00
15	5.050		0.0000	0.0000%	601971	177468	3.4	2			0.0000E+00
16	5.183		0.0000	0.0000%	139822	34784	4.0	2			0.0000E+00
17	5.350		0.0000	0.0000%	66898	15695	4.3	2			0.0000E+00
18	5.442		0.0000	0.0000%	366319	102948	3.6	2			0.0000E+00
19	5.558		0.0000	0.0000%	372086	100273	3.7	2			0.0000E+00
20	5.675		0.0000	0.0000%	321502	54611	5.9	2			0.0000E+00
21	5.925		0.0000	0.0000%	579290	151237	3.8	2			0.0000E+00
22	6.008		0.0000	0.0000%	436544	112891	3.9	2			0.0000E+00
23	6.225	1242C3	1.3036	19.3412%	795250	181289	4.4	2	0	0	1.6393E-06
24	6.417		0.0000	0.0000%	231268	47611	4.9	2			0.0000E+00
25	6.625		0.0000	0.0000%	68835	13046	5.3	2			0.0000E+00
26	6.733		0.0000	0.0000%	71259	16034	4.4	2			0.0000E+00
27	6.850		0.0000	0.0000%	353158	104497	3.4	2			0.0000E+00
28	6.917		0.0000	0.0000%	693853	179945	3.9	2			0.0000E+00
29	7.008	1242C4	1.3596	20.1716%	898897	211693	4.2	3	0	0	1.5125E-06
30	7.208		0.0000	0.0000%	134303	20878	6.4	4			0.0000E+00
31	7.433	1242C5	1.3487	20.0101%	948185	217027	4.4	3	0	.1122	1.4224E-06
32	7.575		0.0000	0.0000%	113346	26396	4.3	4			0.0000E+00
33	7.675		0.0000	0.0000%	206647	44991	4.6	2			0.0000E+00
34	7.817		0.0000	0.0000%	171218	32368	5.3	2			0.0000E+00
35	8.017		0.0000	0.0000%	48041	8308	5.8	2			0.0000E+00
36	8.092		0.0000	0.0000%	69085	12014	5.8	2			0.0000E+00
37	8.242		0.0000	0.0000%	118815	25941	4.6	2			0.0000E+00
38	8.350		0.0000	0.0000%	224714	50091	4.5	2			0.0000E+00
39	8.467		0.0000	0.0000%	172925	35212	4.9	2			0.0000E+00

40	8.633		0.0000	0.0000%	422959	83760	5.0	2		0.0000E+00
41	8.925		0.0000	0.0000%	162172	27998	5.8	2		0.0000E+00
42	9.067		0.0000	0.0000%	40125	7816	5.1	2		0.0000E+00
43	9.175		0.0000	0.0000%	49014	10042	4.9	2		0.0000E+00
44	9.250		0.0000	0.0000%	63046	11848	5.3	2		0.0000E+00
45	9.400		0.0000	0.0000%	333207	57307	5.8	2		0.0000E+00
46	9.708		0.0000	0.0000%	131179	12034	10.9	2		0.0000E+00
47	9.925		0.0000	0.0000%	50091	7324	6.8	2		0.0000E+00
48	10.092		0.0000	0.0000%	394928	71760	5.5	2		0.0000E+00
49	10.458		0.0000	0.0000%	89161	9241	9.6	2		0.0000E+00
50	10.658		0.0000	0.0000%	71277	7534	9.5	2		0.0000E+00
51	10.850		0.0000	0.0000%	131082	22493	5.8	2		0.0000E+00
52	10.958		0.0000	0.0000%	39731	7853	5.1	2		0.0000E+00
53	11.083		0.0000	0.0000%	34874	6608	5.3	2		0.0000E+00
54	11.300		0.0000	0.0000%	34141	3777	9.0	2		0.0000E+00
55	11.433		0.0000	0.0000%	20931	3384	6.2	2		0.0000E+00
56	11.575		0.0000	0.0000%	34874	7159	4.9	2		0.0000E+00
57	12.075		0.0000	0.0000%	6210	1581	3.9	1		0.0000E+00
58	12.342		0.0000	0.0000%	9358	2627	3.6	1		0.0000E+00
59	12.833		0.0000	0.0000%	14396	3965	3.6	1		0.0000E+00
60	13.467		0.0000	0.0000%	18488	3484	5.3	2		0.0000E+00
61	13.750		0.0000	0.0000%	10207	2228	4.6	2		0.0000E+00
62	13.883		0.0000	0.0000%	5496	1638	3.4	1		0.0000E+00
63	14.892		0.0000	0.0000%	6121	1479	4.1	1		0.0000E+00
64	16.700	DCB	0.0002	0.0023%	4988	1183	4.2	1	0	0 3.1361E-08

TOTAL AMOUNT = 6.7401

Areas, times, and heights stored in: O:54PCB22.ATB
Data File = O:54PCB22.PTS Printed on 08-21-1998 at 18:31:46
Start time: 0.00 min. Stop time: 18.50 min. Offset: -50 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-21-1998 19:11:29 Version 5.1.5 **********

* Sample Name: ICV Data File: O:54PCB24 *
* Date: 08-21-1998 17:04:59 Method: O:54PCB2 08-21-1998 19:03:34 # 4519*
* Interface: 2 Cycle#: 24 Operator TMC Channel#: 1 Vial#: N.A. *
* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

* Instrument Type: VARIAN 3400-6 Column Type: DB-1 30M .53Omm1.5um *
* Solvent Description: H2@3.3ML/MIN. @200 *
* Conditions: 210H3.5 290@6/minH3 I=240 D=310 *
* Detector 0: Detector 1: ECD4AT/R1 *
* Misc. Information: 2ul inj. 10ml/min split CID4342635 *

****

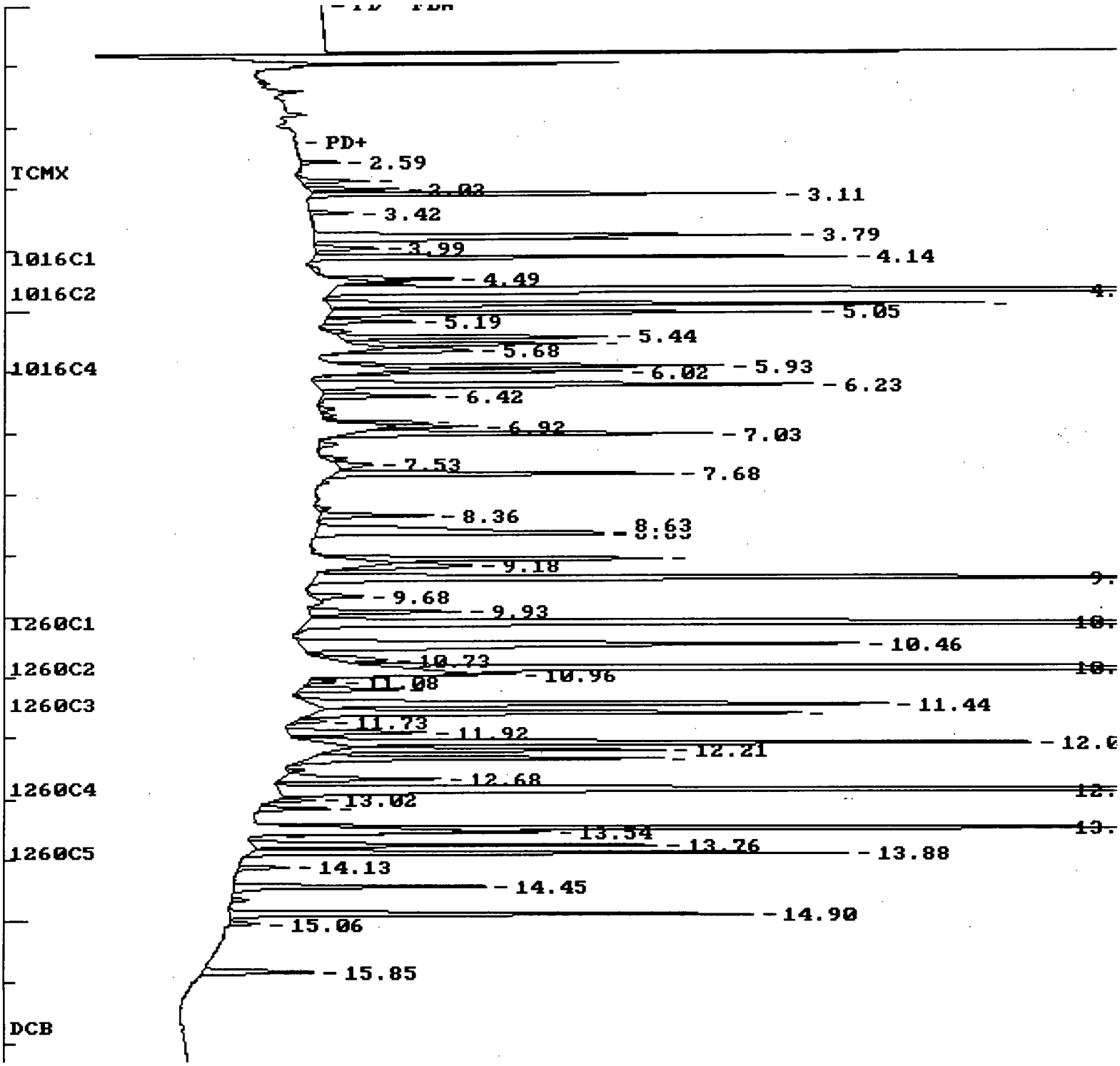
Starting Delay: 0.00 Ending retention time: 17.25
Area reject: 15000 One sample per 0.500 sec.
Amount injected: 1.00 Dilution factor: 1.00
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	2.592		0.0000	0.0000%	16057	7269	2.2	1			0.0000E+00
2	2.892		0.0000	0.0000%	39962	12731	3.1	1			0.0000E+00
3	3.025		0.0000	0.0000%	36732	16296	2.3	1			0.0000E+00
4	3.108		0.0000	0.0000%	213968	86715	2.5	1			0.0000E+00
5	3.417		0.0000	0.0000%	21344	8074	2.6	1			0.0000E+00
6	3.792		0.0000	0.0000%	422868	89184	4.7	1			0.0000E+00
7	3.992		0.0000	0.0000%	42439	11860	3.6	1			0.0000E+00
8	4.142	1016C1	0.5053	10.4918%	299043	99587	3.0	1	50	0	1.6897E-06
10	4.492		0.0000	0.0000%	47699	17701	2.7	1			0.0000E+00
12	4.700	1016C2	0.4568	9.4857%	994772	209454	4.7	1	50	0	4.5925E-07
13	4.908	1016C3	0.4891	10.1559%	395342	122503	3.2	1	50	0	1.2372E-06
14	5.050		0.0000	0.0000%	287516	89865	3.2	1			0.0000E+00
15	5.192		0.0000	0.0000%	53422	17088	3.1	1			0.0000E+00
17	5.442		0.0000	0.0000%	158614	50107	3.2	1			0.0000E+00
18	5.558		0.0000	0.0000%	122529	41919	2.9	1			0.0000E+00
19	5.675		0.0000	0.0000%	93580	20743	4.5	1			0.0000E+00
20	5.925	1016C4	0.5084	10.5560%	195902	63085	3.1	1	50	0	2.5952E-06
21	6.017		0.0000	0.0000%	123419	43668	2.8	1			0.0000E+00
22	6.233	1016C5	0.5024	10.4306%	395490	92620	4.3	1	50	.1331	1.2702E-06
23	6.417		0.0000	0.0000%	77398	21494	3.6	1			0.0000E+00
26	6.850		0.0000	0.0000%	25813	8604	3.0	1			0.0000E+00
27	6.917		0.0000	0.0000%	40926	16480	2.5	1			0.0000E+00
28	7.033		0.0000	0.0000%	257340	67815	3.8	1			0.0000E+00
31	7.525		0.0000	0.0000%	29332	6863	4.3	1			0.0000E+00
32	7.683		0.0000	0.0000%	233744	63618	3.7	1			0.0000E+00
35	8.358		0.0000	0.0000%	79691	21204	3.8	1			0.0000E+00
36	8.633		0.0000	0.0000%	301036	54108	5.6	1			0.0000E+00
38	9.067		0.0000	0.0000%	202295	55424	3.6	1			0.0000E+00
39	9.175		0.0000	0.0000%	89046	17802	5.0	1			0.0000E+00
40	9.375		0.0000	0.0000%	713408	166891	4.3	1			0.0000E+00
41	9.675		0.0000	0.0000%	33367	8960	3.7	1			0.0000E+00
42	9.933		0.0000	0.0000%	110065	28230	3.9	1			0.0000E+00
43	10.108	1260C1	0.4505	9.3529%	1127686	265077	4.3	1	50	0	3.9945E-07
44	10.458		0.0000	0.0000%	563483	104313	5.4	1			0.0000E+00
45	10.725		0.0000	0.0000%	47790	8430	5.7	1			0.0000E+00
46	10.850	1260C2	0.4244	8.8116%	1078471	273342	3.9	1	50	0	3.9350E-07
47	10.958		0.0000	0.0000%	39495	17024	2.3	1			0.0000E+00
48	11.083		0.0000	0.0000%	16054	5322	3.0	1			0.0000E+00
49	11.208		0.0000	0.0000%	73474	18887	3.9	1			0.0000E+00

50	11.442	1260C3	0.5048	10.4819%	447959	106677	4.2	1	50	0	1.1270E-06
51	11.592		0.0000	0.0000%	378300	90665	4.2	1			0.0000E+00
52	11.733		0.0000	0.0000%	20332	5866	3.5	1			0.0000E+00
53	11.917		0.0000	0.0000%	103385	25537	4.0	1			0.0000E+00
54	12.083		0.0000	0.0000%	511483	131134	3.9	1			0.0000E+00
55	12.208		0.0000	0.0000%	207826	61222	3.4	1			0.0000E+00
56	12.333		0.0000	0.0000%	266211	66469	4.0	1			0.0000E+00
58	12.675		0.0000	0.0000%	118485	29657	4.0	1			0.0000E+00
59	12.842	1260C4	0.4664	9.6847%	1586914	429962	3.7	1	50	.1371	2.9392E-07
60	13.017		0.0000	0.0000%	21872	7466	2.9	1			0.0000E+00
61	13.158		0.0000	0.0000%	43966	13160	3.3	1			0.0000E+00
62	13.467		0.0000	0.0000%	544890	180598	3.0	1			0.0000E+00
63	13.542		0.0000	0.0000%	42485	21788	1.9	1			0.0000E+00
64	13.758		0.0000	0.0000%	259466	75367	3.4	1			0.0000E+00
65	13.883	1260C5	0.5081	10.5489%	353326	111205	3.2	1	50	0	1.4379E-06
66	14.125		0.0000	0.0000%	30572	9553	3.2	1			0.0000E+00
67	14.450		0.0000	0.0000%	170141	47128	3.6	1			0.0000E+00
69	14.900		0.0000	0.0000%	349588	97694	3.6	1			0.0000E+00
70	15.058		0.0000	0.0000%	19344	6074	3.2	1			0.0000E+00
71	15.850		0.0000	0.0000%	83697	20908	4.0	1			0.0000E+00

TOTAL AMOUNT = 4.8162

Areas, times, and heights stored in: O:54PCB24.ATB
Data File = O:54PCB24.PTS Printed on 08-21-1998 at 19:11:31
Start time: 0.00 min. Stop time: 17.25 min. Offset: -50 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-23-1998 16:26:30 Version 5.1.5 **********

* Sample Name: AR2148 0.5, PC047D Data File: O:54PCB90 *

* Date: 08-23-1998 16:12:04 Method: O:54PCB1A 08-23-1998 16:26:21 # 4595 *

* Interface: 2 Cycle#: 90 Operator TMC Channel#: 1 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

* Instrument Type: VARIAN 3400-6 Column Type: DB-1 30M .53Omm1.5um *

* Solvent Description: H2@3.3ML/MIN. @200 *

* Conditions: 210H3.5 290@6/minH3 I=240 D=310 *

* Detector 0: Detector 1: ECD4AT/R1 *

* Misc. Information: 2ul inj. 10ml/min split CID4342635 *

****

Starting Delay: 0.00 Ending retention time: 18.50

Area reject: 8000 One sample per 0.500 sec.

Amount injected: 1.00 Dilution factor: 1.00

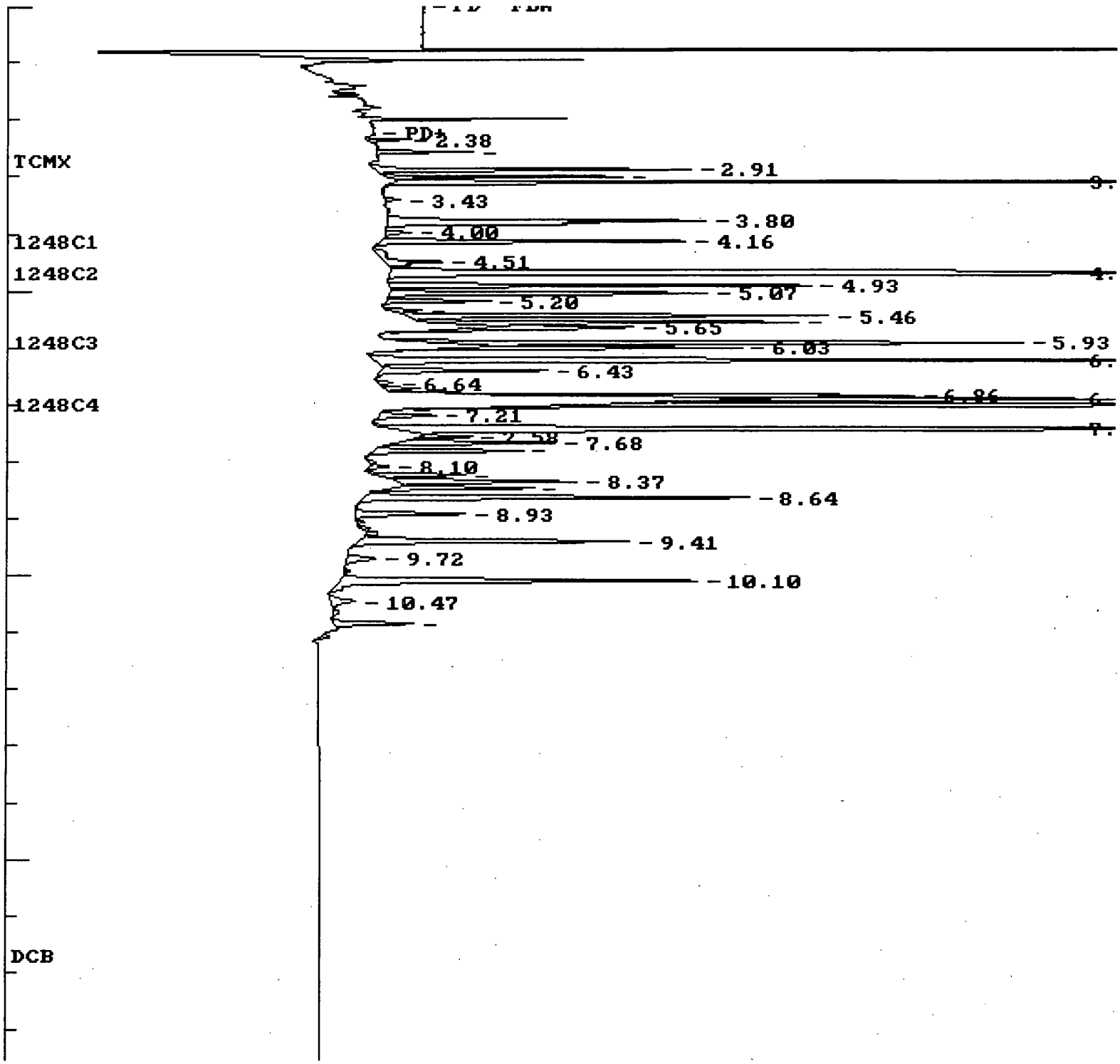
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	2.383		0.0000	0.0000%	15126	6691	2.3	1			0.0000E+00
2	2.600		0.0000	0.0000%	40336	18132	2.2	1			0.0000E+00
3	2.908	1221C1	0.6601	15.1930%	168703	59016	2.9	1	0	.3955	3.9128E-06
4	3.033	1221C2	0.5635	12.9705%	96437	43324	2.2	1	0	.5177	5.8436E-06
5	3.117	1221C3	0.5934	13.6576%	416536	160206	2.6	1	0	.2680	1.4246E-06
6	3.433		0.0000	0.0000%	8673	3124	2.8	1			0.0000E+00
7	3.800		0.0000	0.0000%	291911	59999	4.9	1			0.0000E+00
8	4.000		0.0000	0.0000%	15396	4819	3.2	1			0.0000E+00
9	4.158	1248C1	0.6298	14.4957%	172853	57494	3.0	1	0	.4024	3.6436E-06
10	4.508		0.0000	0.0000%	58735	10720	5.5	1			0.0000E+00
11	4.708	1248C2	0.5727	13.1802%	885215	184799	4.8	1	0	.3329	6.4691E-07
12	4.925		0.0000	0.0000%	248841	78885	3.2	1			0.0000E+00
13	5.067		0.0000	0.0000%	192695	59809	3.2	1			0.0000E+00
14	5.200		0.0000	0.0000%	60830	19907	3.1	1			0.0000E+00
15	5.358		0.0000	0.0000%	13259	5078	2.6	1			0.0000E+00
16	5.458		0.0000	0.0000%	241762	78097	3.1	1			0.0000E+00
17	5.567		0.0000	0.0000%	179739	62539	2.9	1			0.0000E+00
18	5.650		0.0000	0.0000%	142449	29127	4.9	1			0.0000E+00
19	5.933	1248C3	0.4474	10.2982%	324804	105828	3.1	1	0	.2816	1.3776E-06
20	6.025		0.0000	0.0000%	146832	52231	2.8	1			0.0000E+00
21	6.233		0.0000	0.0000%	620446	151908	4.1	1			0.0000E+00
22	6.425		0.0000	0.0000%	110587	31465	3.5	1			0.0000E+00
23	6.642		0.0000	0.0000%	8386	2741	3.1	1			0.0000E+00
24	6.742		0.0000	0.0000%	17597	6263	2.8	1			0.0000E+00
25	6.858		0.0000	0.0000%	125311	41874	3.0	1			0.0000E+00
26	6.925		0.0000	0.0000%	221942	89660	2.5	1			0.0000E+00
27	7.025	1248C4	0.3817	8.7841%	442894	137107	3.2	1	0	.2825	8.6172E-07
28	7.208		0.0000	0.0000%	42680	10859	3.9	1			0.0000E+00
29	7.442	1248C5	0.4962	11.4207%	702934	184647	3.8	1	0	.2244	7.0591E-07
30	7.583		0.0000	0.0000%	26168	9587	2.7	1			0.0000E+00
31	7.683		0.0000	0.0000%	97606	29344	3.3	1			0.0000E+00
32	7.825		0.0000	0.0000%	103118	27999	3.7	1			0.0000E+00
34	8.100		0.0000	0.0000%	11007	3524	3.1	1			0.0000E+00
35	8.250		0.0000	0.0000%	53003	15878	3.3	1			0.0000E+00
36	8.367		0.0000	0.0000%	114671	33305	3.4	1			0.0000E+00
37	8.483		0.0000	0.0000%	92053	27001	3.4	1			0.0000E+00
38	8.642		0.0000	0.0000%	288718	72023	4.0	1			0.0000E+00

39	8.933	0.0000	0.0000%	81250	20644	3.9	1	0.0000E+00
43	9.408	0.0000	0.0000%	215886	51179	4.2	1	0.0000E+00
44	9.717	0.0000	0.0000%	29198	5594	5.2	1	0.0000E+00
46	10.100	0.0000	0.0000%	308405	67211	4.6	1	0.0000E+00
47	10.467	0.0000	0.0000%	28578	4708	6.1	1	0.0000E+00
49	10.850	0.0000	0.0000%	59258	15014	3.9	1	0.0000E+00

TOTAL AMOUNT = 4.3448

Areas, times, and heights stored in: O:54PCB90.ATB
Data File = O:54PCB90.PTS Printed on 08-23-1998 at 16:26:31
Start time: 0.00 min. Stop time: 18.50 min. Offset: -50 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-23-1998 16:59:20 Version 5.1.5 **********

* Sample Name: AR1660 0.5, PC040D Data File: O:54PCB91 *
* Date: 08-23-1998 16:26:52 Method: O:54PCB2 08-21-1998 19:03:34 # 4519*
* Interface: 2 Cycle#: 91 Operator TMC Channel#: 1 Vial#: N.A. *
* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

* Instrument Type: VARIAN 3400-6 Column Type: DB-1 30M .530mm1.5um *
* Solvent Description: H2@3.3ML/MIN. @200 *
* Conditions: 210H3.5 290@6/minH3 I=240 D=310 *
* Detector 0: Detector 1: ECD4AT/R1 *
* Misc. Information: 2ul inj. 10ml/min split CID4342635 *

****

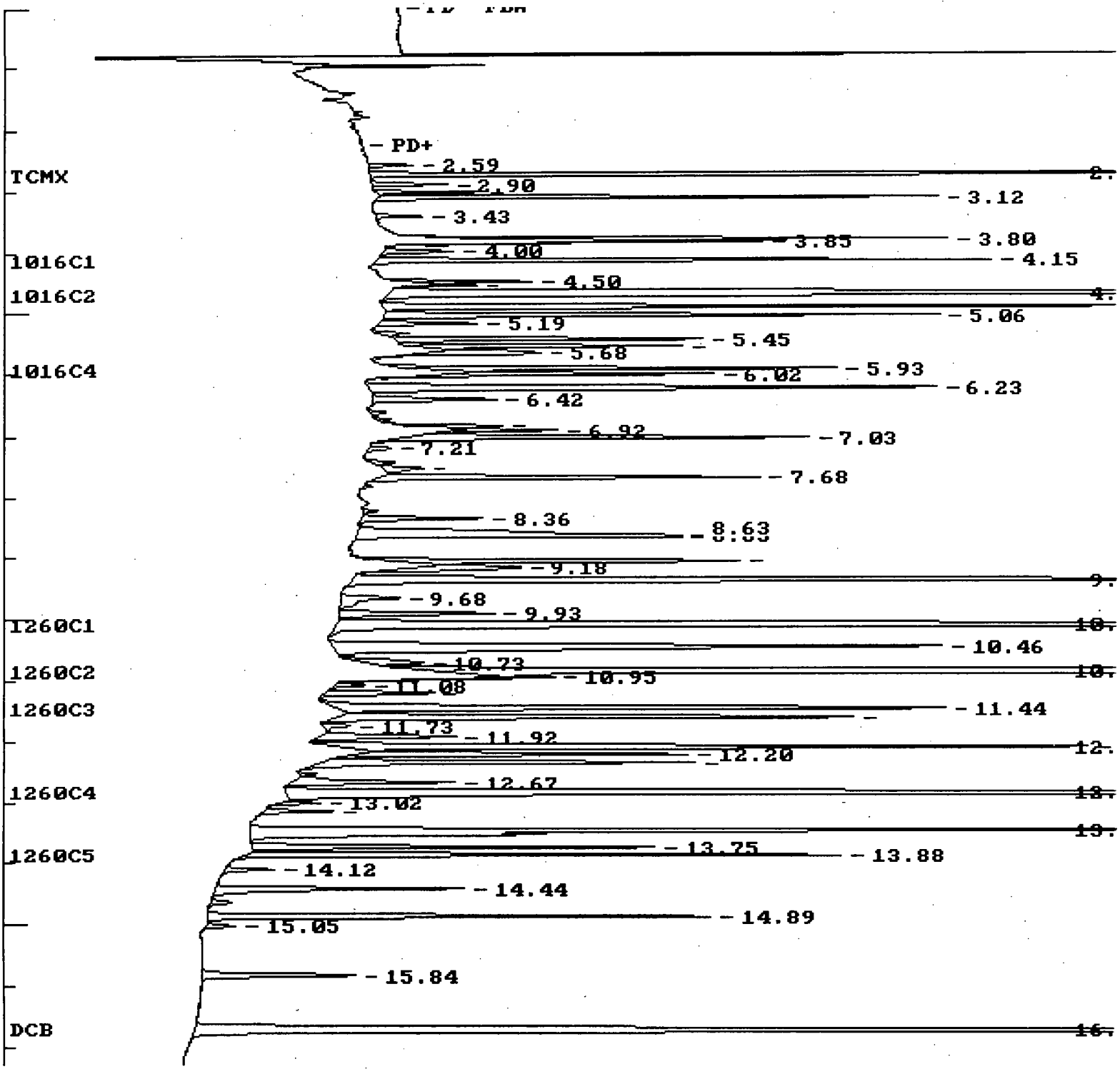
Starting Delay: 0.00 Ending retention time: 17.25
Area reject: 15000 One sample per 0.500 sec.
Amount injected: 1.00 Dilution factor: 1.00
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	2.592		0.0000	0.0000%	18891	8395	2.3 1			0.0000E+00
2	2.742	TCMX	0.0221	0.4154%	751985	362362	2.1 1	50	0	2.9403E-08
3	2.900		0.0000	0.0000%	40647	14242	2.9 1			0.0000E+00
4	3.025		0.0000	0.0000%	43221	19544	2.2 1			0.0000E+00
5	3.117		0.0000	0.0000%	257547	104392	2.5 1			0.0000E+00
6	3.425		0.0000	0.0000%	23277	8976	2.6 1			0.0000E+00
7	3.800		0.0000	0.0000%	159639	63824	2.5 1			0.0000E+00
8	3.850		0.0000	0.0000%	50210	31557	1.6 1			0.0000E+00
9	4.000		0.0000	0.0000%	46996	13337	3.5 1			0.0000E+00
10	4.150	1016C1	0.5697	10.7040%	337167	115212	2.9 1	50	.1920	1.6897E-06
11	4.500		0.0000	0.0000%	51431	19944	2.6 1			0.0000E+00
12	4.567		0.0000	0.0000%	18383	10170	1.8 1			0.0000E+00
13	4.708	1016C2	0.5278	9.9167%	1149306	244163	4.7 1	50	.1903	4.5925E-07
14	4.917	1016C3	0.5574	10.4727%	450531	142130	3.2 1	50	.1712	1.2372E-06
15	5.058		0.0000	0.0000%	322226	103678	3.1 1			0.0000E+00
16	5.192		0.0000	0.0000%	58045	18883	3.1 1			0.0000E+00
18	5.450		0.0000	0.0000%	177890	57614	3.1 1			0.0000E+00
19	5.567		0.0000	0.0000%	139006	46911	3.0 1			0.0000E+00
20	5.683		0.0000	0.0000%	104867	23640	4.4 1			0.0000E+00
21	5.925	1016C4	0.5760	10.8211%	221935	73309	3.0 1	50	0	2.5952E-06
22	6.017		0.0000	0.0000%	143134	49952	2.9 1			0.0000E+00
23	6.233	1016C5	0.5608	10.5358%	441478	105767	4.2 1	50	.1331	1.2702E-06
24	6.417		0.0000	0.0000%	80107	23142	3.5 1			0.0000E+00
27	6.850		0.0000	0.0000%	27260	9772	2.8 1			0.0000E+00
28	6.917		0.0000	0.0000%	49161	18736	2.6 1			0.0000E+00
29	7.033		0.0000	0.0000%	285390	75017	3.8 1			0.0000E+00
30	7.208		0.0000	0.0000%	16515	4287	3.9 1			0.0000E+00
32	7.525		0.0000	0.0000%	32609	7622	4.3 1			0.0000E+00
33	7.683		0.0000	0.0000%	258067	71441	3.6 1			0.0000E+00
36	8.358		0.0000	0.0000%	84668	22921	3.7 1			0.0000E+00
37	8.633		0.0000	0.0000%	343877	61087	5.6 1			0.0000E+00
38	9.067		0.0000	0.0000%	220801	61974	3.6 1			0.0000E+00
39	9.175		0.0000	0.0000%	97180	19186	5.1 1			0.0000E+00
40	9.375		0.0000	0.0000%	775966	183674	4.2 1			0.0000E+00
41	9.675		0.0000	0.0000%	62220	11134	5.6 1			0.0000E+00
42	9.933		0.0000	0.0000%	112531	29195	3.9 1			0.0000E+00
43	10.108	1260C1	0.4899	9.2046%	1226492	289212	4.2 1	50	0	3.9945E-07
44	10.458		0.0000	0.0000%	612212	113751	5.4 1			0.0000E+00

45	10.725		0.0000	0.0000%	52168	9404	5.5	1			0.0000E+00
46	10.850	1260C2	0.4597	8.6361%	1168118	299873	3.9	1	50	0	3.9350E-07
47	10.950		0.0000	0.0000%	42451	15835	2.7	1			0.0000E+00
48	11.083		0.0000	0.0000%	17584	5765	3.1	1			0.0000E+00
49	11.208		0.0000	0.0000%	77470	20252	3.8	1			0.0000E+00
50	11.442	1260C3	0.5367	10.0831%	476221	113042	4.2	1	50	0	1.1270E-06
51	11.592		0.0000	0.0000%	397686	96460	4.1	1			0.0000E+00
52	11.733		0.0000	0.0000%	18163	4974	3.7	1			0.0000E+00
53	11.917		0.0000	0.0000%	100713	25639	3.9	1			0.0000E+00
54	12.075		0.0000	0.0000%	529477	138339	3.8	1			0.0000E+00
55	12.200		0.0000	0.0000%	216017	62012	3.5	1			0.0000E+00
56	12.333		0.0000	0.0000%	277216	70017	4.0	1			0.0000E+00
58	12.667		0.0000	0.0000%	122348	30555	4.0	1			0.0000E+00
59	12.833	1260C4	0.4792	9.0029%	1630295	448840	3.6	1	50	0	2.9392E-07
60	13.017		0.0000	0.0000%	20997	7350	2.9	1			0.0000E+00
61	13.150		0.0000	0.0000%	46566	13337	3.5	1			0.0000E+00
62	13.458		0.0000	0.0000%	891050	204462	4.4	1			0.0000E+00
63	13.750		0.0000	0.0000%	254770	75301	3.4	1			0.0000E+00
64	13.875	1260C5	0.5031	9.4516%	349854	110785	3.2	1	50	-.0391	1.4379E-06
65	14.117		0.0000	0.0000%	30549	9214	3.3	1			0.0000E+00
66	14.442		0.0000	0.0000%	171369	46549	3.7	1			0.0000E+00
68	14.892		0.0000	0.0000%	334460	94007	3.6	1			0.0000E+00
69	15.050		0.0000	0.0000%	18865	5741	3.3	1			0.0000E+00
70	15.842		0.0000	0.0000%	113726	28355	4.0	1			0.0000E+00
71	16.700	DCB	0.0402	0.7560%	1407074	321318	4.4	1	71	0	2.8597E-08

TOTAL AMOUNT = 5.3225

Areas, times, and heights stored in: O:54PCB91.ATB
Data File = O:54PCB91.PTS Printed on 08-23-1998 at 16:59:22
Start time: 0.00 min. Stop time: 17.25 min. Offset: -50 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-23-1998 17:02:41 Version 5.1.5 **********

* Sample Name: AR1254 0.5, PC051D Data File: O:54PCB92 *

* Date: 08-23-1998 16:47:49 Method: O:54PCB3 08-21-1998 19:02:39 # 3168*

* Interface: 2 Cycle#: 92 Operator TMC Channel#: 1 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

* Instrument Type: VARIAN 3400-6 Column Type: DB-1 30M .53Omm1.5um *

* Solvent Description: H2@3.3ML/MIN. @200 *

* Conditions: 210H3.5 290@6/minH3 I=240 D=310 *

* Detector 0: Detector 1: ECD4AT/R1 *

* Misc. Information: 2ul inj. 10ml/min split CID4342635 *

****

Starting Delay: 0.00 Ending retention time: 18.50

Area reject: 20000 One sample per 0.500 sec.

Amount injected: 1.00 Dilution factor: 1.00

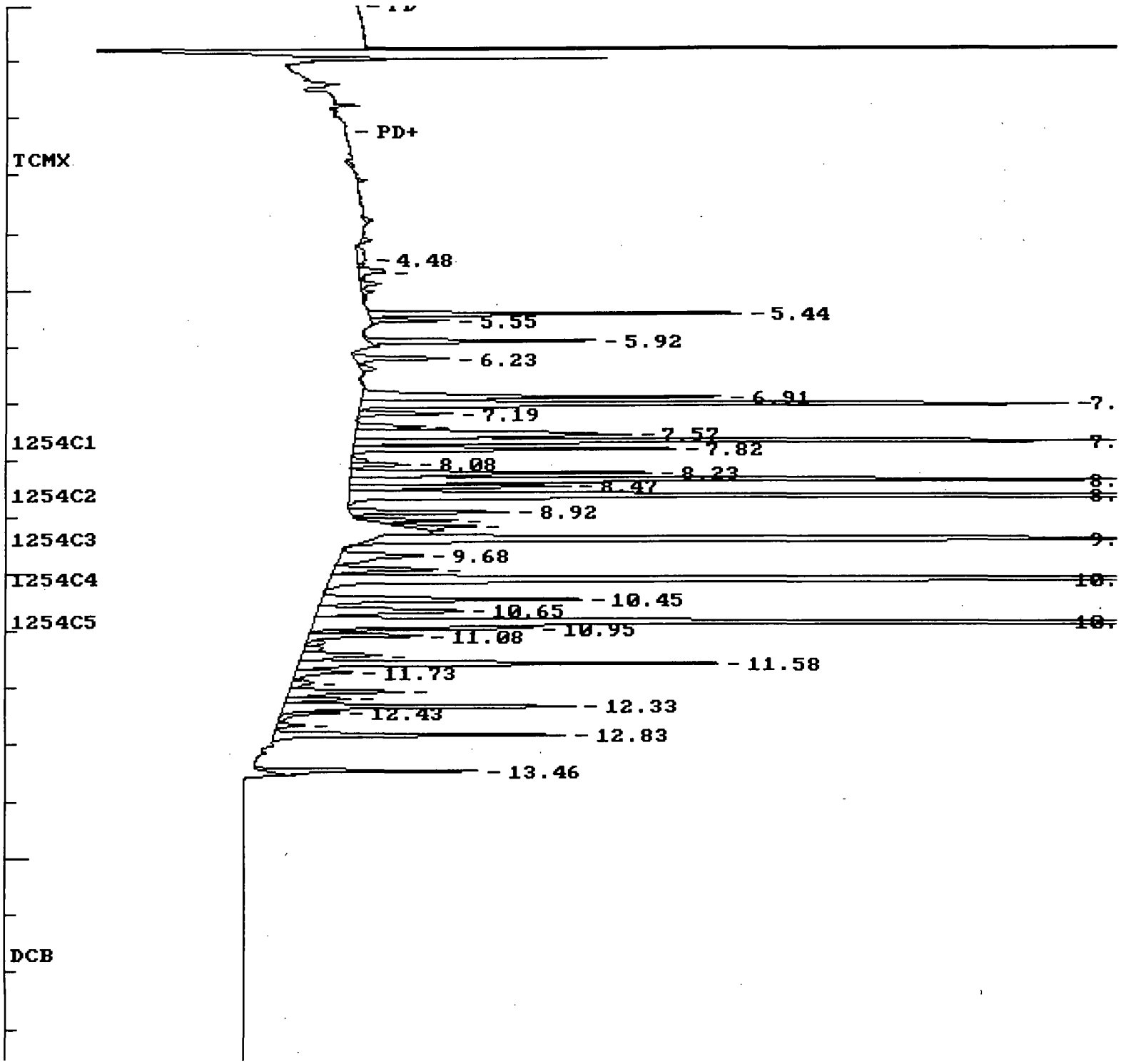
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
5	4.483		0.0000	0.0000%	24181	1806	13.4	2			0.0000E+00
6	4.692		0.0000	0.0000%	32138	5087	6.3	2			0.0000E+00
10	5.442		0.0000	0.0000%	229304	69767	3.3	2			0.0000E+00
11	5.550		0.0000	0.0000%	46189	14757	3.1	2			0.0000E+00
12	5.917		0.0000	0.0000%	138941	42071	3.3	1			0.0000E+00
13	6.225		0.0000	0.0000%	70257	17596	4.0	2			0.0000E+00
15	6.908		0.0000	0.0000%	297041	67337	4.4	2			0.0000E+00
16	7.025		0.0000	0.0000%	529593	132608	4.0	2			0.0000E+00
17	7.192		0.0000	0.0000%	65800	17715	3.7	2			0.0000E+00
18	7.425		0.0000	0.0000%	49637	13065	3.8	2			0.0000E+00
19	7.567		0.0000	0.0000%	301896	51954	5.8	2			0.0000E+00
20	7.675	1254C1	0.5752	22.0889%	623015	161027	3.9	2	0	0	9.2330E-07
21	7.817		0.0000	0.0000%	234255	60679	3.9	2			0.0000E+00
23	8.083		0.0000	0.0000%	43499	11120	3.9	2			0.0000E+00
24	8.233		0.0000	0.0000%	220460	56577	3.9	2			0.0000E+00
25	8.350		0.0000	0.0000%	577164	145642	4.0	2			0.0000E+00
26	8.467		0.0000	0.0000%	172184	41568	4.1	2			0.0000E+00
27	8.625	1254C2	0.5138	19.7298%	1179321	292511	4.0	2	0	0	4.3567E-07
28	8.917		0.0000	0.0000%	113665	29894	3.8	1			0.0000E+00
29	9.058		0.0000	0.0000%	54072	15991	3.4	1			0.0000E+00
30	9.158		0.0000	0.0000%	42269	12198	3.5	1			0.0000E+00
31	9.383	1254C3	0.4884	18.7551%	1041916	228625	4.6	1	0	0	4.6876E-07
32	9.675		0.0000	0.0000%	108302	15607	6.9	2			0.0000E+00
33	9.925		0.0000	0.0000%	81424	19740	4.1	2			0.0000E+00
34	10.092	1254C4	0.5046	19.3768%	1281531	292965	4.4	2	0	0	3.9375E-07
35	10.450		0.0000	0.0000%	227953	49000	4.7	2			0.0000E+00
36	10.650		0.0000	0.0000%	169171	27317	6.2	2			0.0000E+00
37	10.842	1254C5	0.5221	20.0494%	1147838	254318	4.5	3	0	0	4.5487E-07
38	10.950		0.0000	0.0000%	125453	33869	3.7	4			0.0000E+00
39	11.075		0.0000	0.0000%	95499	21237	4.5	3			0.0000E+00
42	11.433		0.0000	0.0000%	72715	15250	4.8	2			0.0000E+00
43	11.575		0.0000	0.0000%	356092	78421	4.5	2			0.0000E+00
44	11.725		0.0000	0.0000%	53067	10762	4.9	2			0.0000E+00
45	11.908		0.0000	0.0000%	21756	4048	5.4	2			0.0000E+00
46	12.067		0.0000	0.0000%	97948	21591	4.5	2			0.0000E+00
47	12.192		0.0000	0.0000%	50155	12044	4.2	2			0.0000E+00
48	12.325		0.0000	0.0000%	230256	54650	4.2	3			0.0000E+00
49	12.433		0.0000	0.0000%	44453	9503	4.7	4			0.0000E+00

2.667	0.0000	0.0000%	21521	5230	4.1 2	0.0000E+00
2.825	0.0000	0.0000%	204711	54527	3.8 1	0.0000E+00
3.458	0.0000	0.0000%	119320	37933	3.1 1	0.0000E+00

TOTAL AMOUNT = 2.6042

Areas, times, and heights stored in: O:54PCB92.ATB
Data File = O:54PCB92.PTS Printed on 08-23-1998 at 17:02:43
Start time: 0.00 min. Stop time: 18.50 min. Offset: -50 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-23-1998 17:18:02 Version 5.1.5 **********

* Sample Name: AR1242 0.5, PC055D Data File: O:54PCB93 *

* Date: 08-23-1998 17:05:13 Method: O:54PCB4A 08-23-1998 17:17:56 # 4204 *

* Interface: 2 Cycle#: 93 Operator TMC Channel#: 1 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

* Instrument Type: VARIAN 3400-6 Column Type: DB-1 30M .53Omm1.5um *

* Solvent Description: H2@3.3ML/MIN. @200 *

* Conditions: 210H3.5 290@6/minH3 I=240 D=310 *

* Detector 0: Detector 1: ECD4AT/R1 *

* Misc. Information: 2ul inj. 10ml/min split CID4342635 *

****

Starting Delay: 0.00 Ending retention time: 18.50

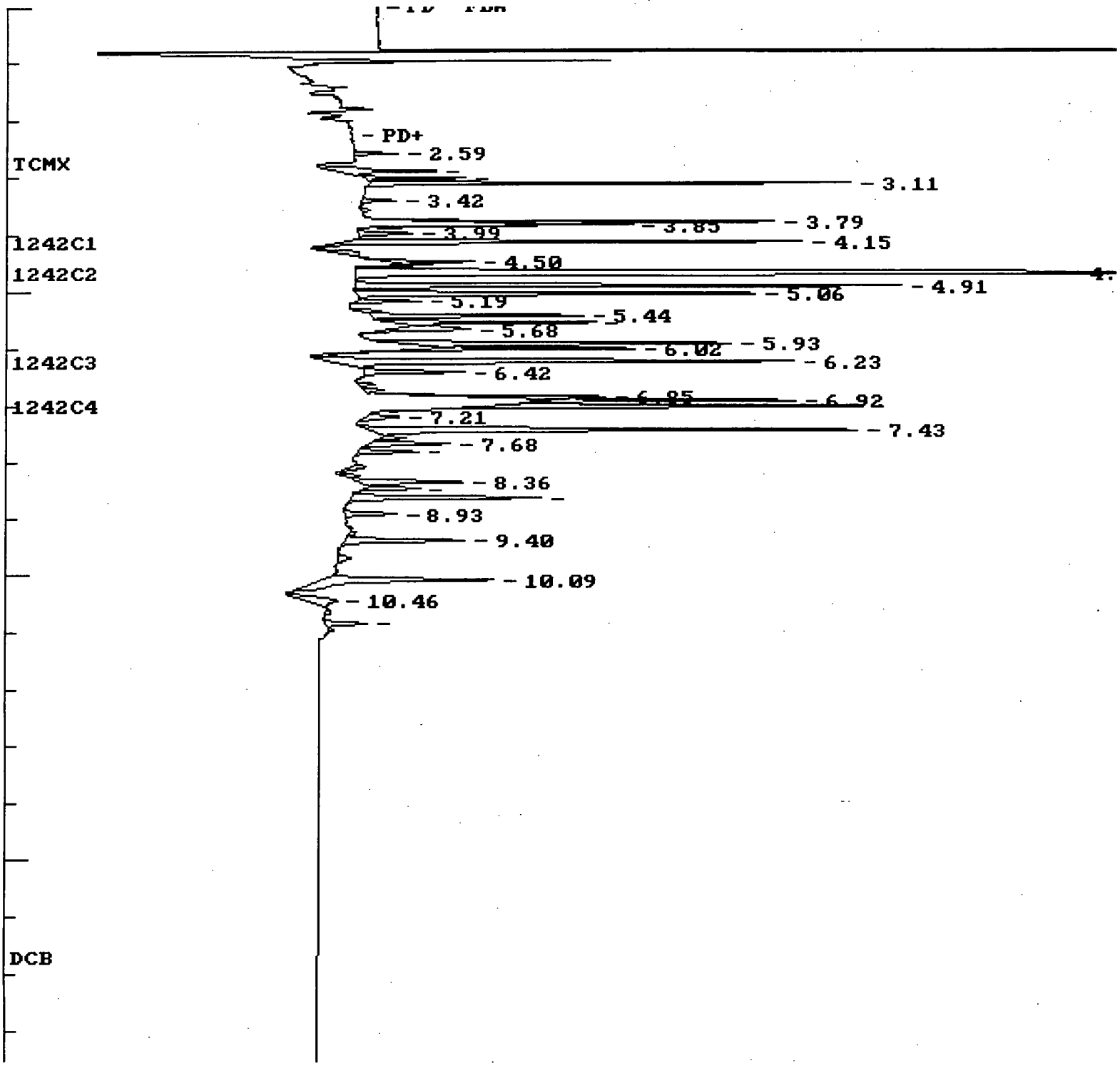
Area reject: 15000 One sample per 0.500 sec.

Amount injected: 1.00 Dilution factor: 1.00

Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	2.592		0.0000	0.0000%	18984	8367	2.3	1			0.0000E+00
2	2.900		0.0000	0.0000%	69343	17056	4.1	1			0.0000E+00
3	3.025		0.0000	0.0000%	41492	18830	2.2	1			0.0000E+00
4	3.108		0.0000	0.0000%	226190	90171	2.5	1			0.0000E+00
5	3.417		0.0000	0.0000%	19030	6578	2.9	1			0.0000E+00
7	3.792		0.0000	0.0000%	122487	51492	2.4	1			0.0000E+00
8	3.850		0.0000	0.0000%	34666	23877	1.5	1			0.0000E+00
9	3.992		0.0000	0.0000%	36009	10180	3.5	1			0.0000E+00
10	4.150	1242C1	0.5812	23.6078%	264546	86621	3.1	1	0	.2012	2.1971E-06
11	4.500		0.0000	0.0000%	49236	13995	3.5	1			0.0000E+00
13	4.700	1242C2	0.5145	20.8981%	844901	174528	4.8	1	0	0	6.0896E-07
14	4.908		0.0000	0.0000%	333423	102161	3.3	1			0.0000E+00
15	5.058		0.0000	0.0000%	232266	74763	3.1	1			0.0000E+00
16	5.192		0.0000	0.0000%	35664	12503	2.9	1			0.0000E+00
18	5.442		0.0000	0.0000%	123163	39912	3.1	1			0.0000E+00
19	5.558		0.0000	0.0000%	109325	37391	2.9	1			0.0000E+00
20	5.683		0.0000	0.0000%	66410	15785	4.2	1			0.0000E+00
21	5.925		0.0000	0.0000%	179130	58567	3.1	1			0.0000E+00
22	6.017		0.0000	0.0000%	116918	41234	2.8	1			0.0000E+00
23	6.225	1242C3	0.5687	23.1004%	369193	86251	4.3	1	0	0	1.5405E-06
24	6.417		0.0000	0.0000%	63859	18916	3.4	1			0.0000E+00
27	6.850		0.0000	0.0000%	54272	17825	3.0	1			0.0000E+00
28	6.917		0.0000	0.0000%	118965	46552	2.6	1			0.0000E+00
29	7.017	1242C4	0.3346	13.5915%	241046	73433	3.3	1	0	.1189	1.3882E-06
30	7.208		0.0000	0.0000%	28116	6453	4.4	1			0.0000E+00
31	7.433	1242C5	0.4629	18.8022%	352075	90764	3.9	1	0	0	1.3148E-06
33	7.675		0.0000	0.0000%	52129	15392	3.4	1			0.0000E+00
34	7.817		0.0000	0.0000%	42915	11493	3.7	1			0.0000E+00
37	8.358		0.0000	0.0000%	69791	18803	3.7	1			0.0000E+00
38	8.475		0.0000	0.0000%	36532	10705	3.4	1			0.0000E+00
39	8.633		0.0000	0.0000%	143238	35869	4.0	1			0.0000E+00
40	8.925		0.0000	0.0000%	37835	9745	3.9	1			0.0000E+00
43	9.400		0.0000	0.0000%	97666	22779	4.3	1			0.0000E+00
45	10.092		0.0000	0.0000%	182816	32795	5.6	1			0.0000E+00
46	10.458		0.0000	0.0000%	38888	4530	8.6	1			0.0000E+00
48	10.842		0.0000	0.0000%	30031	7624	3.9	1			0.0000E+00

Areas, times, and heights stored in: O:54PCB93.ATB
Data File = O:54PCB93.PTS Printed on 08-23-1998 at 17:18:04
Start time: 0.00 min. Stop time: 18.50 min. Offset: -50 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-25-1998 22:27:18 Version 5.1.5 **********

* Sample Name: AR2148 0.5, PC047D Data File: O:54PCB98 *

* Date: 08-24-1998 11:55:16 Method: O:54PCB1A 08-23-1998 16:26:21 # 4595 *

* Interface: 2 Cycle#: 98 Operator TMC Channel#: 1 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

* Instrument Type: VARIAN 3400-6 Column Type: DB-1 30M .53Omm1.5um *

* Solvent Description: H2@3.3ML/MIN. @200 *

* Conditions: 210H3.5 290@6/minH3 I=240 D=310 *

* Detector 0: Detector 1: ECD4AT/R1 *

* Misc. Information: 2ul inj. 10ml/min split CID4342635 *

****

Starting Delay: 0.00 Ending retention time: 18.50

Area reject: 8000 One sample per 0.500 sec.

Amount injected: 1.00 Dilution factor: 1.00

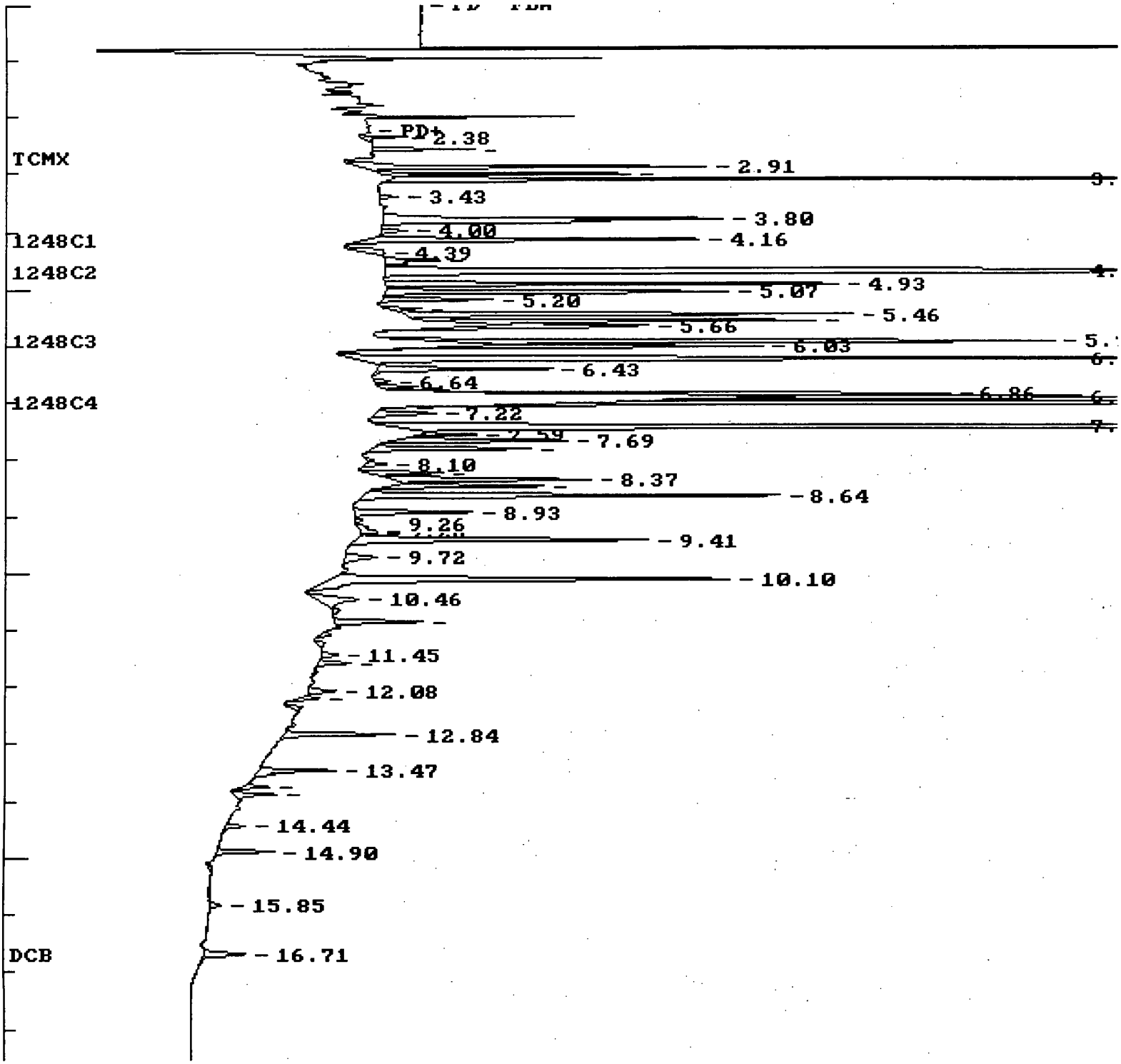
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	2.383		0.0000	0.0000%	14916	6979	2.1	1			0.0000E+00
2	2.600		0.0000	0.0000%	43486	19246	2.3	1			0.0000E+00
3	2.908	1221C1	0.7604	16.0225%	194337	64059	3.0	1	66	.4055	3.9128E-06
4	3.033	1221C2	0.5897	12.4257%	100915	45049	2.2	1	66	.5277	5.8436E-06
5	3.117	1221C3	0.6287	13.2477%	441332	172331	2.6	1	66	.2780	1.4246E-06
6	3.425		0.0000	0.0000%	10002	3609	2.8	1			0.0000E+00
7	3.800		0.0000	0.0000%	309329	63948	4.8	1			0.0000E+00
8	4.000		0.0000	0.0000%	16800	5124	3.3	1			0.0000E+00
9	4.158	1248C1	0.7283	15.3452%	199875	62825	3.2	1	66	.4124	3.6436E-06
10	4.392		0.0000	0.0000%	20414	1604	12.7	1			0.0000E+00
11	4.508		0.0000	0.0000%	43084	10570	4.1	1			0.0000E+00
12	4.708	1248C2	0.6118	12.8902%	945664	197876	4.8	1	66	.3429	6.4691E-07
13	4.925		0.0000	0.0000%	265776	84499	3.1	1			0.0000E+00
14	5.067		0.0000	0.0000%	206644	64523	3.2	1			0.0000E+00
15	5.200		0.0000	0.0000%	65547	21109	3.1	1			0.0000E+00
16	5.358		0.0000	0.0000%	13869	5363	2.6	1			0.0000E+00
17	5.458		0.0000	0.0000%	256875	82833	3.1	1			0.0000E+00
18	5.567		0.0000	0.0000%	192399	65844	2.9	1			0.0000E+00
19	5.658		0.0000	0.0000%	154007	33165	4.6	1			0.0000E+00
20	5.933	1248C3	0.4751	10.0113%	344904	111357	3.1	1	66	.2916	1.3776E-06
21	6.025		0.0000	0.0000%	158136	55631	2.8	1			0.0000E+00
22	6.242		0.0000	0.0000%	677289	165328	4.1	1			0.0000E+00
23	6.425		0.0000	0.0000%	117072	33023	3.5	1			0.0000E+00
24	6.642		0.0000	0.0000%	9271	2885	3.2	1			0.0000E+00
25	6.750		0.0000	0.0000%	18645	6283	3.0	1			0.0000E+00
26	6.858		0.0000	0.0000%	128223	45465	2.8	1			0.0000E+00
27	6.925		0.0000	0.0000%	243887	94508	2.6	1			0.0000E+00
28	7.025	1248C4	0.4178	8.8032%	484831	149056	3.3	1	66	.2925	8.6172E-07
29	7.217		0.0000	0.0000%	44531	11425	3.9	1			0.0000E+00
30	7.442	1248C5	0.5331	11.2320%	755138	198018	3.8	1	66	.2344	7.0591E-07
31	7.592		0.0000	0.0000%	28786	10795	2.7	1			0.0000E+00
32	7.692		0.0000	0.0000%	106768	32243	3.3	1			0.0000E+00
33	7.833		0.0000	0.0000%	109917	30142	3.6	1			0.0000E+00
35	8.100		0.0000	0.0000%	13601	3989	3.4	1			0.0000E+00
36	8.250		0.0000	0.0000%	42064	13137	3.2	1			0.0000E+00
37	8.367		0.0000	0.0000%	126982	36569	3.5	1			0.0000E+00
38	8.483		0.0000	0.0000%	100209	28902	3.5	1			0.0000E+00
39	8.642		0.0000	0.0000%	309495	77816	4.0	1			0.0000E+00

40	8.933		0.0000	0.0000%	85965	22365	3.8	1		0.0000E+00
42	9.258		0.0000	0.0000%	18241	3090	5.9	1		0.0000E+00
43	9.408		0.0000	0.0000%	232906	54792	4.3	1		0.0000E+00
44	9.717		0.0000	0.0000%	32162	6093	5.3	1		0.0000E+00
45	10.100		0.0000	0.0000%	363507	74687	4.9	1		0.0000E+00
46	10.458		0.0000	0.0000%	54345	7470	7.3	1		0.0000E+00
48	10.858		0.0000	0.0000%	66009	16531	4.0	1		0.0000E+00
51	11.450		0.0000	0.0000%	12887	3237	4.0	1		0.0000E+00
52	11.592		0.0000	0.0000%	26023	6211	4.2	1		0.0000E+00
54	12.083		0.0000	0.0000%	19359	5016	3.9	1		0.0000E+00
55	12.208		0.0000	0.0000%	15338	3751	4.1	1		0.0000E+00
58	12.842		0.0000	0.0000%	78917	21042	3.8	1		0.0000E+00
59	13.467		0.0000	0.0000%	60256	14452	4.2	1		0.0000E+00
60	13.758		0.0000	0.0000%	20063	5508	3.6	1		0.0000E+00
61	13.883		0.0000	0.0000%	27577	8188	3.4	1		0.0000E+00
62	14.442		0.0000	0.0000%	13413	3786	3.5	1		0.0000E+00
63	14.900		0.0000	0.0000%	37819	10845	3.5	1		0.0000E+00
65	15.850		0.0000	0.0000%	8565	2251	3.8	1		0.0000E+00
66	16.708	DCB	0.0011	0.0222%	36828	8149	4.5	1	66	0 2.8597E-08

TOTAL AMOUNT = 4.7459

Areas, times, and heights stored in: O:54PCB98.ATB
Data File = O:54PCB98.PTS Printed on 08-25-1998 at 22:27:20
Start time: 0.00 min. Stop time: 18.50 min. Offset: -50 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-25-1998 22:14:22 Version 5.1.5 **********

* Sample Name: AR1660 0.5, PC040D Data File: O:54PCB99 *

* Date: 08-24-1998 12:16:18 Method: O:54PCB2 08-21-1998 19:03:34 # 4519*

* Interface: 2 Cycle#: 99 Operator TMC Channel#: 1 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

* Instrument Type: VARIAN 3400-6 Column Type: DB-1 30M .53Omm1.5um *

* Solvent Description: H2@3.3ML/MIN. @200 *

* Conditions: 210H3.5 290@6/minH3 I=240 D=310 *

* Detector 0: Detector 1: ECD4AT/R1 *

* Misc. Information: 2ul inj. 10ml/min split CID4342635 *

****

Starting Delay: 0.00 Ending retention time: 17.25

Area reject: 15000 One sample per 0.500 sec.

Amount injected: 1.00 Dilution factor: 1.00

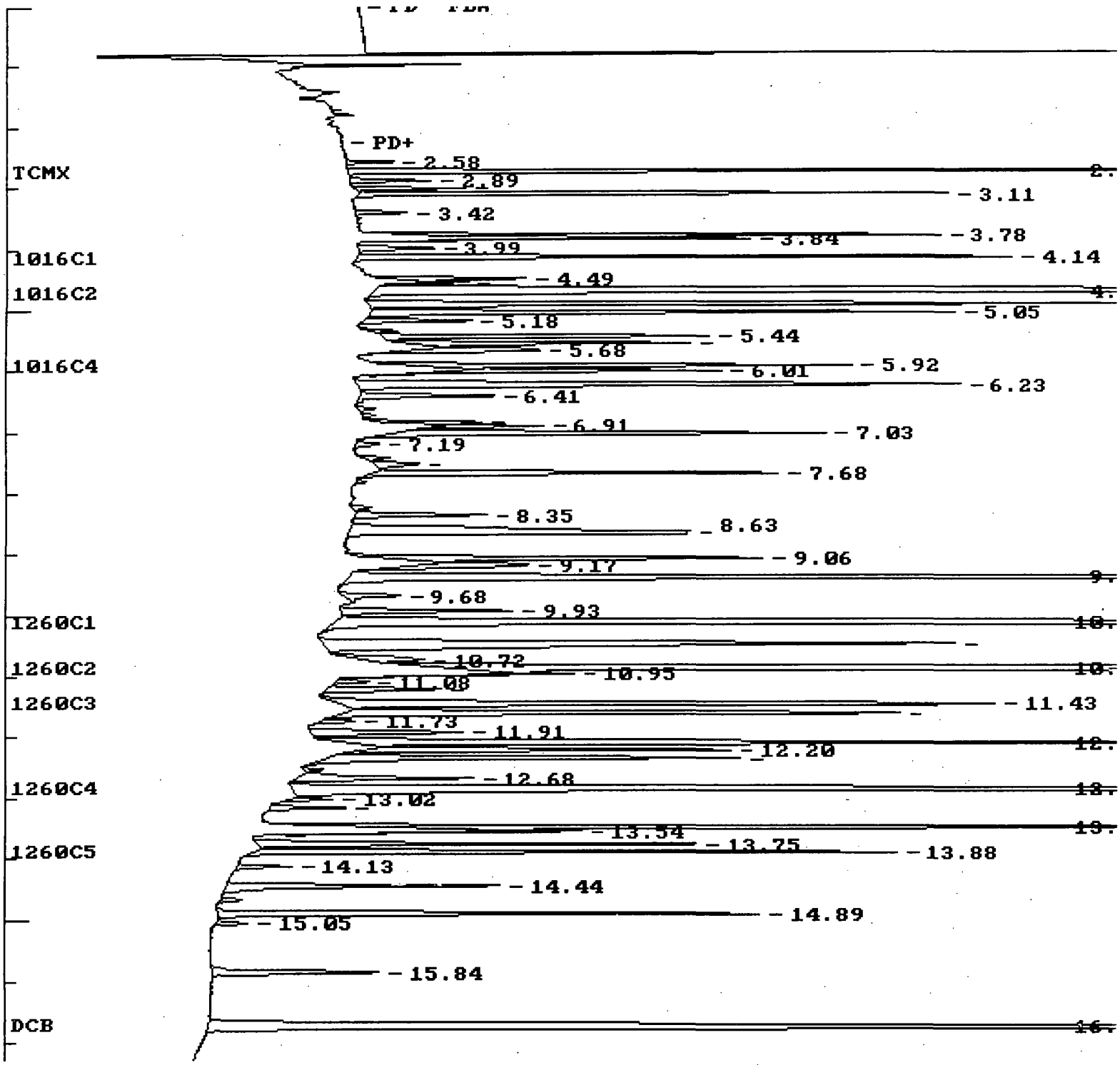
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
2	2.583		0.0000	0.0000%	20375	8860	2.3	1			0.0000E+00
3	2.733	TCMX	0.0233	0.4076%	793420	374915	2.1	1	52	-.2024	2.9403E-08
4	2.892		0.0000	0.0000%	42277	15045	2.8	1			0.0000E+00
5	3.017		0.0000	0.0000%	45321	20381	2.2	1			0.0000E+00
6	3.108		0.0000	0.0000%	271739	110254	2.5	1			0.0000E+00
7	3.417		0.0000	0.0000%	25864	9696	2.7	1			0.0000E+00
9	3.783		0.0000	0.0000%	172201	73169	2.4	1			0.0000E+00
10	3.842		0.0000	0.0000%	53235	34098	1.6	1			0.0000E+00
11	3.992		0.0000	0.0000%	51716	14312	3.6	1			0.0000E+00
12	4.142	1016C1	0.6049	10.5696%	358002	122733	2.9	1	52	0	1.6897E-06
13	4.492		0.0000	0.0000%	56181	21519	2.6	1			0.0000E+00
14	4.550		0.0000	0.0000%	20283	10096	2.0	1			0.0000E+00
15	4.700	1016C2	0.5607	9.7974%	1220983	257779	4.7	1	52	0	4.5925E-07
16	4.908	1016C3	0.5926	10.3542%	478975	150120	3.2	1	52	0	1.2372E-06
17	5.050		0.0000	0.0000%	343632	109355	3.1	1			0.0000E+00
18	5.183		0.0000	0.0000%	62536	20423	3.1	1			0.0000E+00
20	5.442		0.0000	0.0000%	188825	61202	3.1	1			0.0000E+00
21	5.558		0.0000	0.0000%	148577	50255	3.0	1			0.0000E+00
22	5.675		0.0000	0.0000%	111322	25507	4.4	1			0.0000E+00
23	5.917	1016C4	0.6142	10.7309%	236658	77695	3.0	1	52	0	2.5952E-06
24	6.008		0.0000	0.0000%	152802	52781	2.9	1			0.0000E+00
25	6.225	1016C5	0.5979	10.4470%	470718	112650	4.2	1	52	0	1.2702E-06
26	6.408		0.0000	0.0000%	91475	25368	3.6	1			0.0000E+00
29	6.842		0.0000	0.0000%	28428	10135	2.8	1			0.0000E+00
30	6.908		0.0000	0.0000%	51195	19904	2.6	1			0.0000E+00
31	7.025		0.0000	0.0000%	309528	81075	3.8	1			0.0000E+00
32	7.192		0.0000	0.0000%	17071	4396	3.9	1			0.0000E+00
34	7.517		0.0000	0.0000%	35576	8206	4.3	1			0.0000E+00
35	7.675		0.0000	0.0000%	276133	76319	3.6	1			0.0000E+00
38	8.350		0.0000	0.0000%	91182	24740	3.7	1			0.0000E+00
39	8.625		0.0000	0.0000%	352783	63980	5.5	1			0.0000E+00
40	9.058		0.0000	0.0000%	237016	66490	3.6	1			0.0000E+00
41	9.167		0.0000	0.0000%	106519	20464	5.2	1			0.0000E+00
42	9.367		0.0000	0.0000%	836269	197078	4.2	1			0.0000E+00
43	9.675		0.0000	0.0000%	39618	10174	3.9	1			0.0000E+00
44	9.925		0.0000	0.0000%	125323	32217	3.9	1			0.0000E+00
45	10.100	1260C1	0.5252	9.1773%	1314926	312512	4.2	1	52	0	3.9945E-07
46	10.450		0.0000	0.0000%	631667	118006	5.4	1			0.0000E+00

47	10.717	0.0000	0.0000%	54080	9780	5.5	1			0.0000E+00
48	10.842 1260C2	0.5027	8.7827%	1277396	331828	3.8	1	52	-.0034	3.9350E-07
49	10.950	0.0000	0.0000%	42964	17678	2.4	1			0.0000E+00
50	11.083	0.0000	0.0000%	19106	6126	3.1	1			0.0000E+00
51	11.200	0.0000	0.0000%	84094	21437	3.9	1			0.0000E+00
52	11.433 1260C3	0.5782	10.1018%	513024	121764	4.2	1	52	0	1.1270E-06
53	11.583	0.0000	0.0000%	432164	103989	4.2	1			0.0000E+00
54	11.725	0.0000	0.0000%	23569	6816	3.5	1			0.0000E+00
55	11.908	0.0000	0.0000%	116731	28543	4.1	1			0.0000E+00
56	12.075	0.0000	0.0000%	578183	149744	3.9	1			0.0000E+00
57	12.200	0.0000	0.0000%	235396	68576	3.4	1			0.0000E+00
58	12.333	0.0000	0.0000%	303615	77218	3.9	1			0.0000E+00
60	12.675	0.0000	0.0000%	133016	33374	4.0	1			0.0000E+00
61	12.833 1260C4	0.5292	9.2462%	1800414	504229	3.6	1	52	.1450	2.9392E-07
62	13.017	0.0000	0.0000%	23114	8389	2.8	1			0.0000E+00
63	13.150	0.0000	0.0000%	48580	14399	3.4	1			0.0000E+00
64	13.467	0.0000	0.0000%	607187	199800	3.0	1			0.0000E+00
65	13.542	0.0000	0.0000%	45335	25500	1.8	1			0.0000E+00
66	13.750	0.0000	0.0000%	282463	81968	3.4	1			0.0000E+00
67	13.875 1260C5	0.5492	9.5956%	381929	119710	3.2	1	52	0	1.4379E-06
68	14.125	0.0000	0.0000%	33296	10510	3.2	1			0.0000E+00
69	14.442	0.0000	0.0000%	187013	51153	3.7	1			0.0000E+00
71	14.892	0.0000	0.0000%	358736	101430	3.5	1			0.0000E+00
72	15.050	0.0000	0.0000%	20793	6221	3.3	1			0.0000E+00
73	15.842	0.0000	0.0000%	123229	31098	4.0	1			0.0000E+00
74	16.700 DCB	0.0452	0.7898%	1580608	365035	4.3	1	74	0	2.8597E-08

TOTAL AMOUNT = 5.7233

Areas, times, and heights stored in: O:54PCB99.ATB
Data File = O:54PCB99.PTS Printed on 08-25-1998 at 22:14:24
Start time: 0.00 min. Stop time: 17.25 min. Offset: -50 mv.
Full Range: 200 millivolts



1177A

******* EXTERNAL STANDARD TABLE *******

********** 08-25-1998 22:14:28 Version 5.1.5 **********

* Sample Name: AR1254 0.5, PC051D Data File: O:54PCB100 *

* Date: 08-24-1998 12:37:11 Method: O:54PCB3 08-21-1998 19:02:39 # 3168*

* Interface: 2 Cycle#: 100 Operator TMC Channel#: 1 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

* Instrument Type: VARIAN 3400-6 Column Type: DB-1 30M .53Omml.5um *

* Solvent Description: H2@3.3ML/MIN. @200 *

* Conditions: 210H3.5 290@6/minH3 I=240 D=310 *

* Detector 0: Detector 1: ECD4AT/R1 *

* Misc. Information: 2ul inj. 10ml/min split CID4342635 *

****

Starting Delay: 0.00 Ending retention time: 18.50

Area reject: 20000 One sample per 0.500 sec.

Amount injected: 1.00 Dilution factor: 1.00

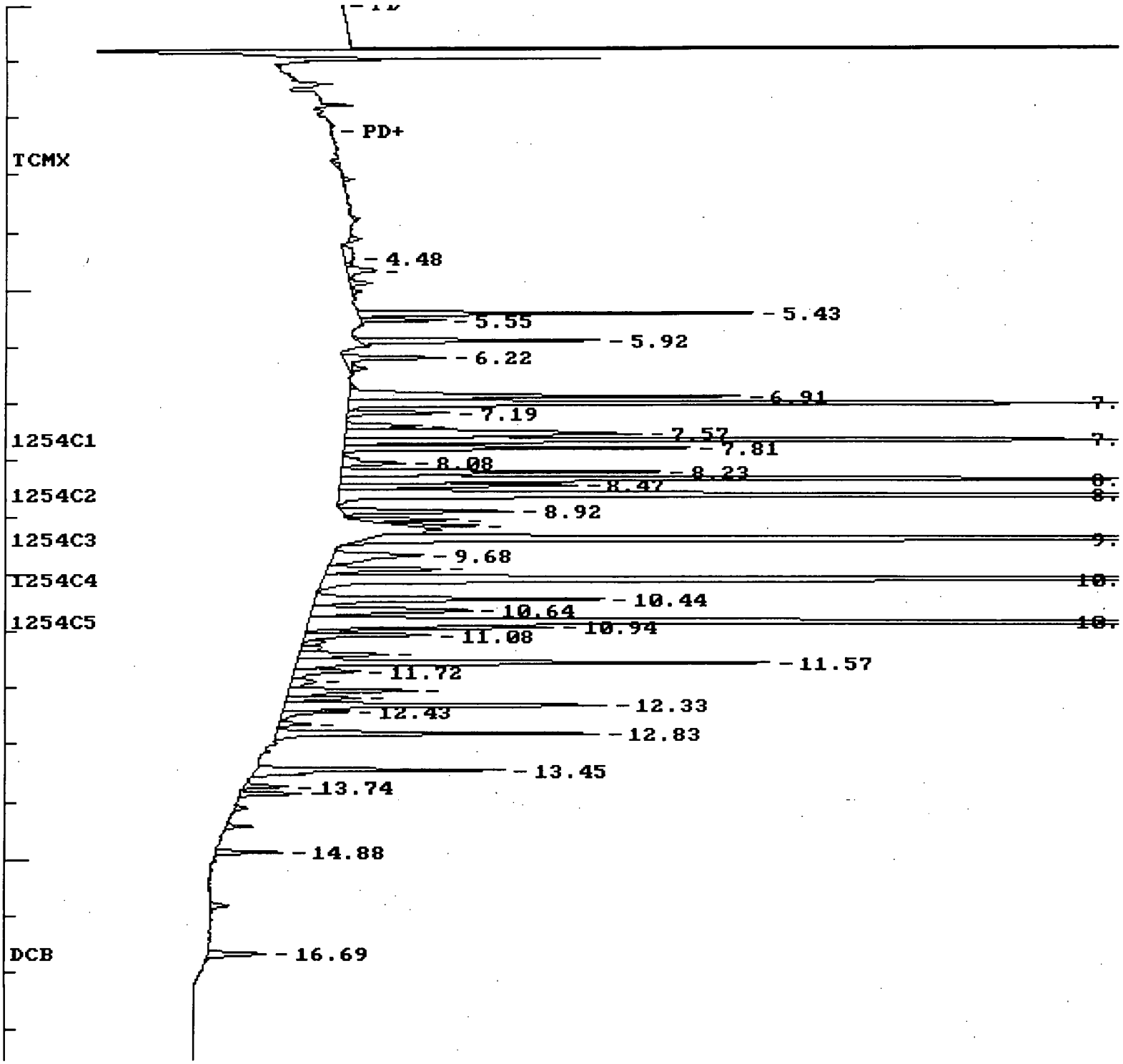
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
5	4.475		0.0000	0.0000%	26338	1793	14.7	2			0.0000E+00
6	4.692		0.0000	0.0000%	33656	5291	6.4	2			0.0000E+00
9	5.433		0.0000	0.0000%	245590	73757	3.3	2			0.0000E+00
10	5.550		0.0000	0.0000%	48613	15814	3.1	2			0.0000E+00
11	5.917		0.0000	0.0000%	148694	44805	3.3	1			0.0000E+00
12	6.217		0.0000	0.0000%	85162	19174	4.4	3			0.0000E+00
15	6.908		0.0000	0.0000%	326695	72961	4.5	2			0.0000E+00
16	7.025		0.0000	0.0000%	568776	145341	3.9	2			0.0000E+00
17	7.192		0.0000	0.0000%	71029	19184	3.7	2			0.0000E+00
18	7.417		0.0000	0.0000%	55339	14201	3.9	2			0.0000E+00
19	7.567		0.0000	0.0000%	327134	55502	5.9	2			0.0000E+00
20	7.667	1254C1	0.6151	21.7017%	666238	175211	3.8	2	59	.0350	9.2330E-07
21	7.808		0.0000	0.0000%	249507	65007	3.8	2			0.0000E+00
22	8.083		0.0000	0.0000%	55739	11994	4.6	2			0.0000E+00
23	8.225		0.0000	0.0000%	237728	59820	4.0	2			0.0000E+00
24	8.350		0.0000	0.0000%	621053	154909	4.0	2			0.0000E+00
25	8.467		0.0000	0.0000%	184200	44525	4.1	2			0.0000E+00
26	8.625	1254C2	0.5566	19.6350%	1277465	321179	4.0	2	59	.1098	4.3567E-07
27	8.917		0.0000	0.0000%	121621	32192	3.8	1			0.0000E+00
28	9.050		0.0000	0.0000%	57108	17385	3.3	1			0.0000E+00
29	9.158		0.0000	0.0000%	42792	12554	3.4	1			0.0000E+00
30	9.383	1254C3	0.5293	18.6752%	1129252	248596	4.5	1	59	0	4.6876E-07
31	9.675		0.0000	0.0000%	117269	16957	6.9	2			0.0000E+00
32	9.917		0.0000	0.0000%	87340	21219	4.1	2			0.0000E+00
33	10.083	1254C4	0.5559	19.6123%	1411841	323319	4.4	2	59	0	3.9375E-07
34	10.442		0.0000	0.0000%	250170	54071	4.6	2			0.0000E+00
35	10.642		0.0000	0.0000%	185326	29928	6.2	2			0.0000E+00
36	10.833	1254C5	0.5761	20.3261%	1266609	285904	4.4	3	59	0	4.5487E-07
37	10.942		0.0000	0.0000%	140472	36131	3.9	4			0.0000E+00
38	11.075		0.0000	0.0000%	104183	23461	4.4	3			0.0000E+00
41	11.425		0.0000	0.0000%	79959	16596	4.8	2			0.0000E+00
42	11.567		0.0000	0.0000%	395486	88115	4.5	2			0.0000E+00
43	11.717		0.0000	0.0000%	61363	12150	5.1	2			0.0000E+00
44	11.900		0.0000	0.0000%	28787	4589	6.3	2			0.0000E+00
45	12.067		0.0000	0.0000%	108568	23813	4.6	2			0.0000E+00
46	12.192		0.0000	0.0000%	59115	13796	4.3	2			0.0000E+00
47	12.325		0.0000	0.0000%	247540	60093	4.1	2			0.0000E+00
48	12.433		0.0000	0.0000%	58301	12234	4.8	2			0.0000E+00

49	12.658	0.0000	0.0000%	22736	5784	3.9	2			0.0000E+00
50	12.825	0.0000	0.0000%	227359	60222	3.8	2			0.0000E+00
52	13.450	0.0000	0.0000%	192040	46584	4.1	2			0.0000E+00
53	13.742	0.0000	0.0000%	29191	8411	3.5	2			0.0000E+00
54	13.867	0.0000	0.0000%	38037	11498	3.3	2			0.0000E+00
57	14.883	0.0000	0.0000%	43416	12553	3.5	1			0.0000E+00
59	16.692 DCB	0.0014	0.0498%	49331	10839	4.6	1	59	0	2.8597E-08

TOTAL AMOUNT = 2.8345

Areas, times, and heights stored in: O:54PCB100.ATB
Data File = O:54PCB100.PTS Printed on 08-25-1998 at 22:14:30
Start time: 0.00 min. Stop time: 18.50 min. Offset: -50 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-25-1998 22:29:36 Version 5.1.5 **********

* Sample Name: AR1242 0.5, PC055D Data File: O:54PCB101 *

* Date: 08-24-1998 12:58:07 Method: O:54PCB4A 08-25-1998 22:29:27 # 4204 *

* Interface: 2 Cycle#: 101 Operator TMC Channel#: 1 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

* Instrument Type: VARIAN 3400-6 Column Type: DB-1 30M .53Omml.5um *

* Solvent Description: H2@3.3ML/MIN. @200 *

* Conditions: 210H3.5 290@6/minH3 I=240 D=310 *

* Detector 0: Detector 1: ECD4AT/R1 *

* Misc. Information: 2ul inj. 10ml/min split CID4342635 *

****

Starting Delay: 0.00 Ending retention time: 18.50

Area reject: 15000 One sample per 0.500 sec.

Amount injected: 1.00 Dilution factor: 1.00

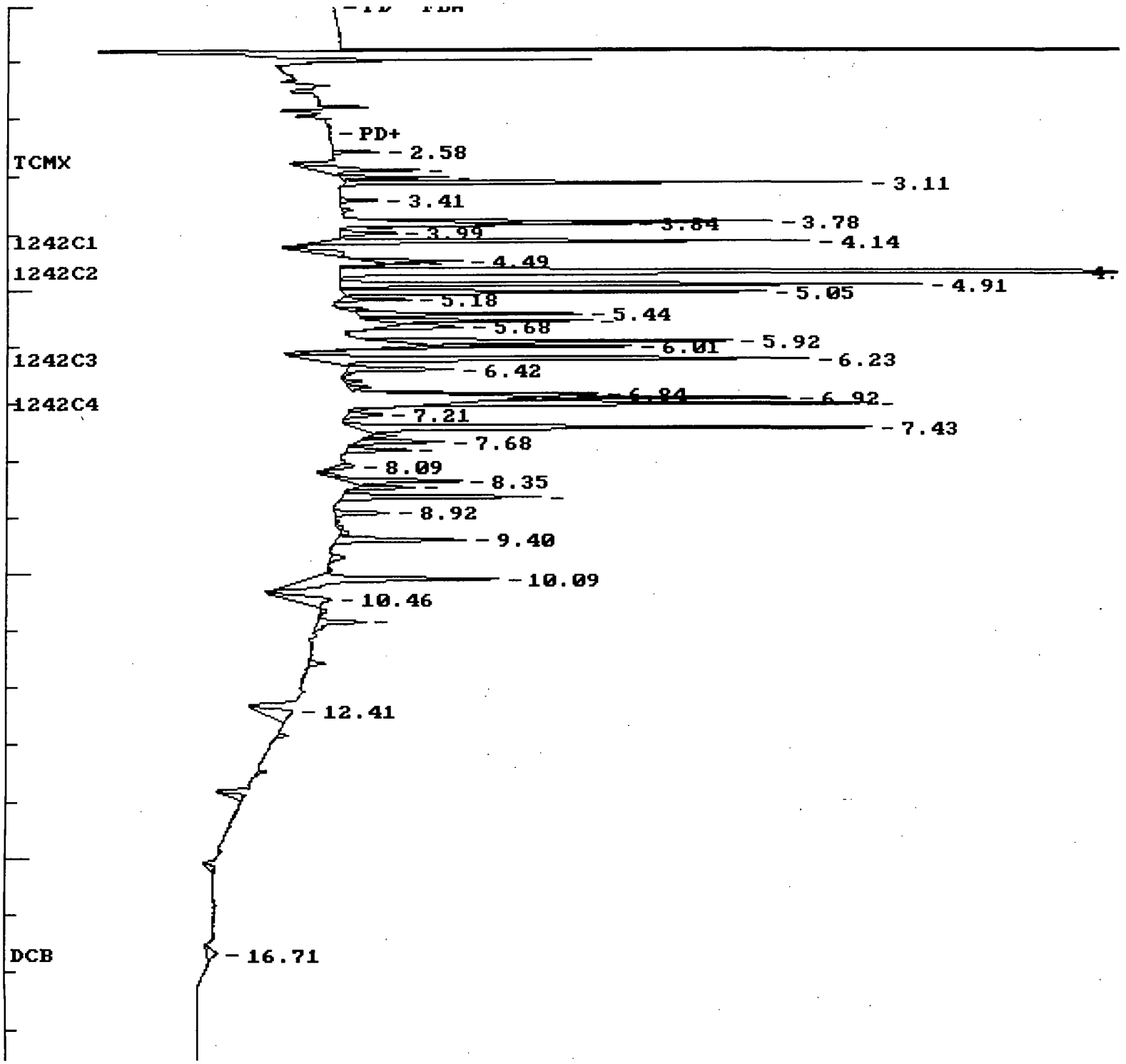
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	2.583		0.0000	0.0000%	19924	8739	2.3	1			0.0000E+00
2	2.892		0.0000	0.0000%	80552	18902	4.3	1			0.0000E+00
3	3.017		0.0000	0.0000%	43911	19746	2.2	1			0.0000E+00
4	3.108		0.0000	0.0000%	237234	96643	2.5	1			0.0000E+00
5	3.408		0.0000	0.0000%	19919	6975	2.9	1			0.0000E+00
7	3.783		0.0000	0.0000%	126699	53963	2.3	1			0.0000E+00
8	3.842		0.0000	0.0000%	39874	25302	1.6	1			0.0000E+00
9	3.992		0.0000	0.0000%	37938	10528	3.6	1			0.0000E+00
10	4.142	1242C1	0.6193	23.6993%	281885	91941	3.1	1	0	0	2.1971E-06
11	4.492		0.0000	0.0000%	60927	14983	4.1	1			0.0000E+00
12	4.550		0.0000	0.0000%	16062	8038	2.0	1			0.0000E+00
13	4.700	1242C2	0.5387	20.6148%	884649	182292	4.9	1	0	0	6.0896E-07
14	4.908		0.0000	0.0000%	348792	108477	3.2	1			0.0000E+00
15	5.050		0.0000	0.0000%	243136	79081	3.1	1			0.0000E+00
16	5.183		0.0000	0.0000%	38108	13282	2.9	1			0.0000E+00
18	5.442		0.0000	0.0000%	130427	42265	3.1	1			0.0000E+00
19	5.558		0.0000	0.0000%	113704	38391	3.0	1			0.0000E+00
20	5.675		0.0000	0.0000%	70182	16442	4.3	1			0.0000E+00
21	5.917		0.0000	0.0000%	187371	61191	3.1	1			0.0000E+00
22	6.008		0.0000	0.0000%	130878	43216	3.0	1			0.0000E+00
23	6.225	1242C3	0.6087	23.2942%	395161	92687	4.3	1	0	0	1.5405E-06
24	6.417		0.0000	0.0000%	74181	20091	3.7	1			0.0000E+00
27	6.842		0.0000	0.0000%	52313	19053	2.7	1			0.0000E+00
28	6.917		0.0000	0.0000%	128165	49130	2.6	1			0.0000E+00
29	7.008	1242C4	0.3600	13.7772%	259349	79040	3.3	1	0	0	1.3882E-06
30	7.208		0.0000	0.0000%	30189	6808	4.4	1			0.0000E+00
31	7.425	1242C5	0.4860	18.5972%	369628	95423	3.9	1	0	0	1.3148E-06
33	7.675		0.0000	0.0000%	54863	16462	3.3	1			0.0000E+00
34	7.817		0.0000	0.0000%	44134	12116	3.6	1			0.0000E+00
35	8.092		0.0000	0.0000%	17805	3570	5.0	1			0.0000E+00
37	8.350		0.0000	0.0000%	79280	21039	3.8	1			0.0000E+00
38	8.467		0.0000	0.0000%	37904	11217	3.4	1			0.0000E+00
39	8.633		0.0000	0.0000%	151706	37587	4.0	1			0.0000E+00
40	8.917		0.0000	0.0000%	40325	10325	3.9	1			0.0000E+00
44	9.400		0.0000	0.0000%	104342	24403	4.3	1			0.0000E+00
47	10.092		0.0000	0.0000%	217050	36049	6.0	1			0.0000E+00
48	10.458		0.0000	0.0000%	61144	6497	9.4	1			0.0000E+00

50	10.842	0.0000	0.0000%	44483	9025	4.9 1			0.0000E+00
52	12.408	0.0000	0.0000%	54417	5764	9.4 1			0.0000E+00
58	16.708 DCB	0.0005	0.0173%	15775	1840	8.6 1	0	0	2.8597E-08

TOTAL AMOUNT = 2.6132

Areas, times, and heights stored in: O:54PCB101.ATB
Data File = O:54PCB101.PTS Printed on 08-25-1998 at 22:29:37
Start time: 0.00 min. Stop time: 18.50 min. Offset: -50 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-20-1998 23:48:35 Version 5.1.5 **********

* Sample Name: EEI/13219 91983 HG/ACID RR Data File: O:55PCD149 *

* Date: 08-18-1998 23:52:14 Method: O:55PCD1 08-16-1998 10:12:24 # 4582*

* Interface: 4 Cycle#: 149 Operator TMC Channel#: 0 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

Starting Delay: 0.00 Ending retention time: 17.50

Area reject: 2000 One sample per 0.500 sec.

Amount injected: 1.00 Dilution factor: 1.00

Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	2.550		0.0000	0.0000%	19903	5993	3.3	1			0.0000E+00
2	2.658		0.0000	0.0000%	3187	1539	2.1	1			0.0000E+00
3	2.733		0.0000	0.0000%	72442	20181	3.6	1			0.0000E+00
4	2.817		0.0000	0.0000%	41933	13535	3.1	1			0.0000E+00
5	2.917	TCMX	0.0064	1.1576%	167231	67832	2.5	1	79	0	3.8375E-08
6	3.150	1221C1	0.1151	20.7575%	24501	6252	3.9	1	79	.5259	4.6970E-06
7	3.283	1221C2	0.2577	46.4858%	34154	10417	3.3	1	79	.1270	7.5458E-06
8	3.458		0.0000	0.0000%	35894	6319	5.7	1			0.0000E+00
9	3.525		0.0000	0.0000%	35179	9846	3.6	1			0.0000E+00
10	3.633		0.0000	0.0000%	28370	8595	3.3	1			0.0000E+00
11	3.733		0.0000	0.0000%	16629	6481	2.6	1			0.0000E+00
12	3.983		0.0000	0.0000%	10526	2921	3.6	1			0.0000E+00
13	4.083		0.0000	0.0000%	15788	3999	3.9	1			0.0000E+00
14	4.217		0.0000	0.0000%	23134	7410	3.1	1			0.0000E+00
15	4.308		0.0000	0.0000%	24689	7156	3.5	1			0.0000E+00
16	4.433	1248C1	0.0599	10.8115%	13227	2981	4.4	1	79	-.3413	4.5318E-06
17	4.500		0.0000	0.0000%	13946	3994	3.5	1			0.0000E+00
18	4.592		0.0000	0.0000%	6860	2588	2.7	1			0.0000E+00
19	4.742		0.0000	0.0000%	60871	11401	5.3	1			0.0000E+00
20	4.950	1248C2	0.0376	6.7842%	45171	10302	4.4	1	79	-.7915	8.3267E-07
21	5.050		0.0000	0.0000%	13446	4256	3.2	1			0.0000E+00
22	5.183		0.0000	0.0000%	26366	6765	3.9	1			0.0000E+00
23	5.283		0.0000	0.0000%	5097	2186	2.3	1			0.0000E+00
24	5.492		0.0000	0.0000%	61506	10223	6.0	1			0.0000E+00
25	5.608		0.0000	0.0000%	15114	4133	3.7	1			0.0000E+00
26	5.725	1248C3	0.0324	5.8518%	11881	3812	3.1	1	79	0	2.7307E-06
27	5.808		0.0000	0.0000%	15764	4894	3.2	1			0.0000E+00
28	5.983		0.0000	0.0000%	38269	9133	4.2	1			0.0000E+00
29	6.083		0.0000	0.0000%	13028	4207	3.1	1			0.0000E+00
30	6.208		0.0000	0.0000%	12567	3132	4.0	1			0.0000E+00
31	6.317		0.0000	0.0000%	15095	5320	2.8	1			0.0000E+00
32	6.408		0.0000	0.0000%	9453	3291	2.9	1			0.0000E+00
33	6.508		0.0000	0.0000%	16012	5181	3.1	1			0.0000E+00
34	6.658		0.0000	0.0000%	18093	3698	4.9	1			0.0000E+00
35	6.750		0.0000	0.0000%	13841	2930	4.7	1			0.0000E+00
36	7.000		0.0000	0.0000%	16139	4115	3.9	1			0.0000E+00
37	7.108		0.0000	0.0000%	20618	5280	3.9	1			0.0000E+00
38	7.300		0.0000	0.0000%	29410	4466	6.6	1			0.0000E+00
39	7.450		0.0000	0.0000%	94036	22216	4.2	1			0.0000E+00
40	7.667		0.0000	0.0000%	37578	6100	6.2	1			0.0000E+00
41	7.850	1248C5	0.0091	1.6428%	8454	1971	4.3	1	79	.1536	1.0773E-06
42	7.975		0.0000	0.0000%	4093	1462	2.8	1			0.0000E+00
43	8.050		0.0000	0.0000%	2599	1153	2.3	1			0.0000E+00
44	8.208		0.0000	0.0000%	6835	2269	3.0	1			0.0000E+00
46	8.525		0.0000	0.0000%	17273	3456	5.0	1			0.0000E+00

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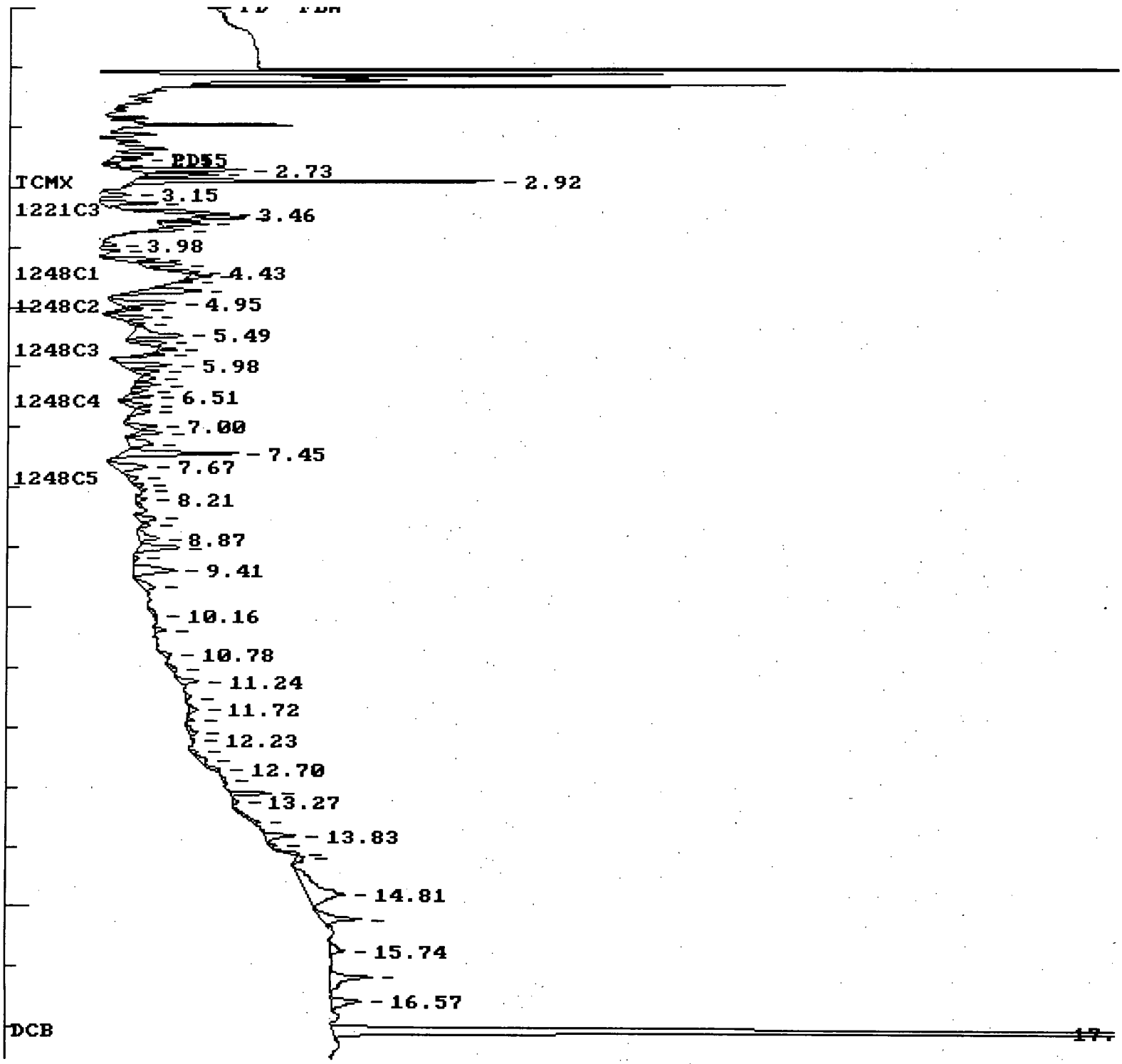
47	8.650	0.0000	0.0000%	5903	1933	3.1	1			0.0000E+00
48	8.867	0.0000	0.0000%	23998	3707	6.5	1			0.0000E+00
49	9.017	0.0000	0.0000%	44901	7975	5.6	1			0.0000E+00
50	9.192	0.0000	0.0000%	4171	926	4.5	1			0.0000E+00
51	9.408	0.0000	0.0000%	54482	8075	6.7	1			0.0000E+00
52	9.683	0.0000	0.0000%	15902	2298	6.9	1			0.0000E+00
53	10.158	0.0000	0.0000%	4630	559	8.3	1			0.0000E+00
54	10.392	0.0000	0.0000%	8459	2450	3.5	1			0.0000E+00
55	10.783	0.0000	0.0000%	5164	1497	3.4	1			0.0000E+00
56	11.050	0.0000	0.0000%	7130	1072	6.6	1			0.0000E+00
57	11.242	0.0000	0.0000%	14947	3430	4.4	1			0.0000E+00
58	11.508	0.0000	0.0000%	6391	1080	5.9	1			0.0000E+00
59	11.717	0.0000	0.0000%	8866	1849	4.8	1			0.0000E+00
60	11.892	0.0000	0.0000%	5000	1497	3.3	1			0.0000E+00
61	12.100	0.0000	0.0000%	8555	1565	5.5	1			0.0000E+00
62	12.225	0.0000	0.0000%	2929	666	4.4	1			0.0000E+00
63	12.417	0.0000	0.0000%	3665	1208	3.0	1			0.0000E+00
64	12.550	0.0000	0.0000%	6803	1334	5.1	1			0.0000E+00
65	12.700	0.0000	0.0000%	4220	1249	3.4	1			0.0000E+00
66	12.892	0.0000	0.0000%	3080	504	6.1	1			0.0000E+00
67	13.108	0.0000	0.0000%	25748	8097	3.2	1			0.0000E+00
68	13.267	0.0000	0.0000%	5261	1121	4.7	1			0.0000E+00
69	13.592	0.0000	0.0000%	9112	1356	6.7	1			0.0000E+00
70	13.825	0.0000	0.0000%	25010	5754	4.3	1			0.0000E+00
71	13.992	0.0000	0.0000%	3204	1236	2.6	1			0.0000E+00
72	14.125	0.0000	0.0000%	6892	1362	5.1	1			0.0000E+00
73	14.183	0.0000	0.0000%	9565	1500	6.4	1			0.0000E+00
74	14.808	0.0000	0.0000%	109126	7008	15.6	1			0.0000E+00
75	15.217	0.0000	0.0000%	40401	7151	5.6	1			0.0000E+00
76	15.742	0.0000	0.0000%	16645	2636	6.3	1			0.0000E+00
77	16.183	0.0000	0.0000%	50056	7720	6.5	1			0.0000E+00
78	16.567	0.0000	0.0000%	32587	5560	5.9	1			0.0000E+00
79	17.058 DCB 90	0.0361	6.5089%	983844	228472	4.3	1	79	0	3.6678E-08

TOTAL AMOUNT = 0.5544

Areas, times, and heights stored in: O:55PCD149.ATB
Data File = O:55PCD149.PTS Printed on 08-20-1998 at 23:48:38
Start time: 0.00 min. Stop time: 17.50 min. Offset: -99 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-23-1998 18:42:03 Version 5.1.5 **********

* Sample Name: EEI/13219 91984 HG/ACID RE-EXTRACTData File: O:54PCB97 *

* Date: 08-23-1998 18:20:56 Method: O:54PCB2 08-21-1998 19:03:34 # 4519*

* Interface: 2 Cycle#: 97 Operator TMC Channel#: 1 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

* Instrument Type: VARIAN 3400-6 Column Type: DB-1 30M .53Omm1.5um *

* Solvent Description: H2@3.3ML/MIN. @200 *

* Conditions: 210H3.5 290@6/minH3 I=240 D=310 *

* Detector 0: Detector 1: ECD4AT/R1 *

* Misc. Information: 2ul inj. 10ml/min split CID4342635 *

****

Starting Delay: 0.00 Ending retention time: 17.25

Area reject: 15000 One sample per 0.500 sec.

Amount injected: 1.00 Dilution factor: 1.00

Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
5	2.742	TCMX 69	0.0069	3.1344%	235156	98752	2.4	1	52	1.657	2.9403E-08
6	2.908		0.0000	0.0000%	33449	8586	3.9	1			0.0000E+00
7	3.033		0.0000	0.0000%	19893	5943	3.3	1			0.0000E+00
11	3.625		0.0000	0.0000%	18767	5440	3.4	1			0.0000E+00
15	4.150		0.0000	0.0000%	21598	3410	6.3	1			0.0000E+00
19	4.850	1016C3	0.1008	45.7185%	81513	23457	3.5	1	52	.4221	1.2372E-06
25	5.833	1016C4	0.0453	20.5205%	17443	2527	6.9	1	52	0	2.5952E-06
26	6.058		0.0000	0.0000%	15163	2068	7.3	1			0.0000E+00
27	6.192		0.0000	0.0000%	24437	5874	4.2	1			0.0000E+00
32	7.033		0.0000	0.0000%	31341	4336	7.2	1			0.0000E+00
35	7.708		0.0000	0.0000%	23131	3581	6.5	1			0.0000E+00
39	8.458		0.0000	0.0000%	15278	1572	9.7	1			0.0000E+00
40	8.625		0.0000	0.0000%	34928	5031	6.9	1			0.0000E+00
41	9.042		0.0000	0.0000%	17577	2661	6.6	1			0.0000E+00
48	10.475		0.0000	0.0000%	21349	3058	7.0	1			0.0000E+00
49	10.708	1260C2	0.0092	4.1771%	23416	5026	4.7	1	52	.3019	3.9350E-07
50	10.850		0.0000	0.0000%	17558	3569	4.9	1			0.0000E+00
52	11.258	1260C3	0.0271	12.2876%	24052	3383	7.1	1	52	0	1.1270E-06
55	11.708		0.0000	0.0000%	15930	2580	6.2	1			0.0000E+00
56	12.017		0.0000	0.0000%	56909	8726	6.5	1			0.0000E+00
58	12.383		0.0000	0.0000%	43424	6323	6.9	1			0.0000E+00
59	12.600	1260C4	0.0117	5.2841%	39657	6622	6.0	1	52	-.1474	2.9392E-07
64	13.333		0.0000	0.0000%	18179	2797	6.5	1			0.0000E+00
66	13.583		0.0000	0.0000%	33275	7593	4.4	1			0.0000E+00
67	13.733		0.0000	0.0000%	27496	7111	3.9	1			0.0000E+00
68	13.842		0.0000	0.0000%	35087	8958	3.9	1			0.0000E+00
70	14.108		0.0000	0.0000%	27134	6537	4.2	1			0.0000E+00
71	14.283		0.0000	0.0000%	18726	3728	5.0	1			0.0000E+00
76	15.092		0.0000	0.0000%	16018	2852	5.6	1			0.0000E+00
80	16.692	DCB 49	0.0196	8.8778%	684797	153462	4.5	1	80	0	2.8597E-08

TOTAL AMOUNT = 0.2206

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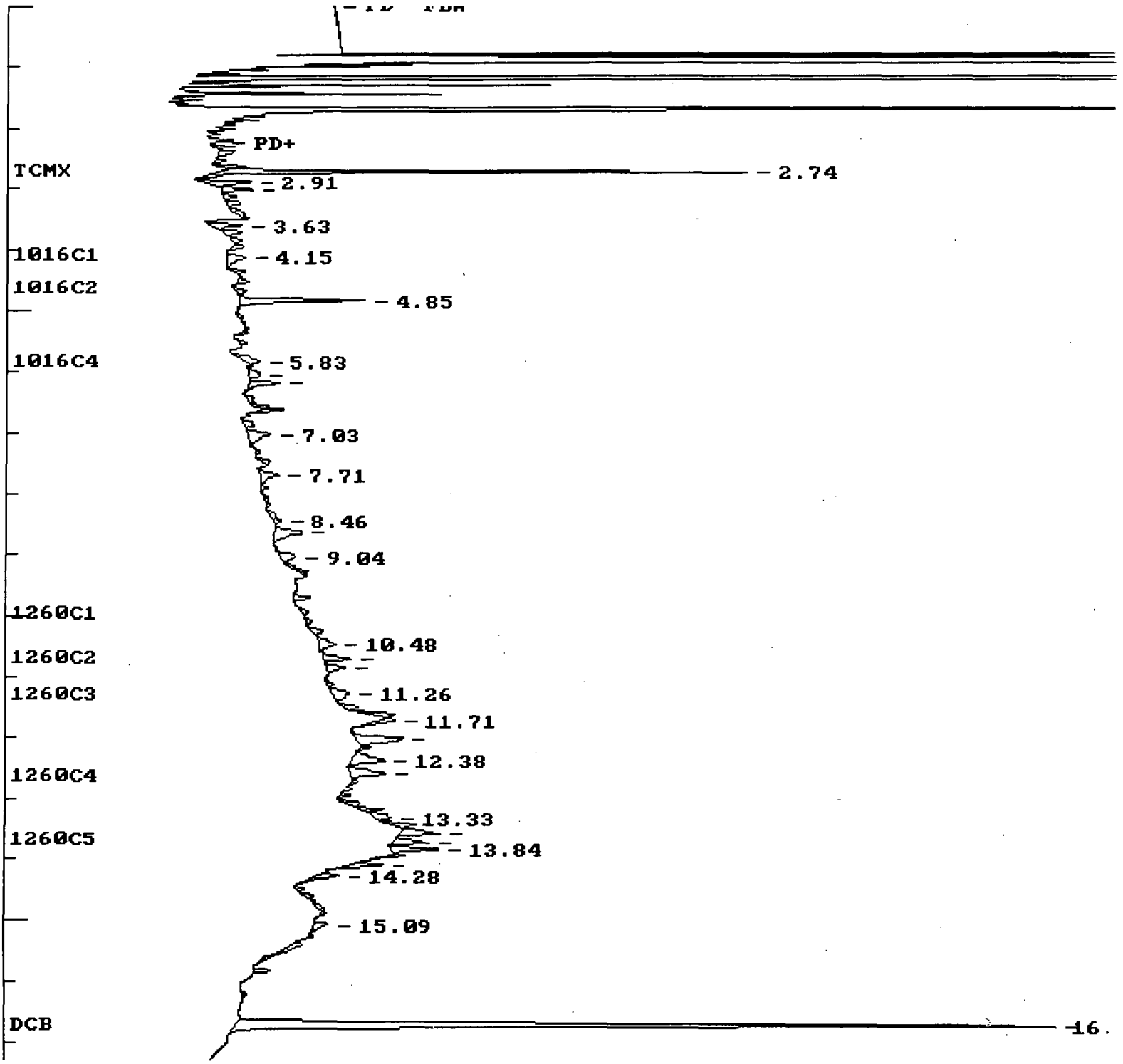
Areas, times, and heights stored in: O:54PCB97.ATB
Data File = O:54PCB97.PTS Printed on 08-23-1998 at 18:42:05
Start time: 0.00 min. Stop time: 17.25 min. Offset: -50 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-19-1998 21:53:53 Version 5.1.5 **********

* Sample Name: EEI/13219 91984 HG/ACID Data File: O:55PCD171 *

* Date: 08-19-1998 21:13:45 Method: O:55PCD5 08-16-1998 19:33:13 # 4602*

* Interface: 4 Cycle#: 171 Operator TMC Channel#: 0 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

Starting Delay: 0.00 Ending retention time: 17.50

Area reject: 2000 One sample per 0.500 sec.

Amount injected: 1.00 Dilution factor: 1.00

Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	2.600		0.0000	0.0000%	51938	10982	4.7	1			0.0000E+00
2	2.750		0.0000	0.0000%	17979	6592	2.7	1			0.0000E+00
3	2.908	TCMX 92	0.0092	3.7618%	240537	105179	2.3	1	53	-.2730	3.8375E-08
4	3.000		0.0000	0.0000%	4934	2060	2.4	1			0.0000E+00
5	3.100	1221C1	0.1098	44.7494%	23378	6356	3.7	1	53	-1.148	4.6970E-06
6	3.183		0.0000	0.0000%	16144	4117	3.9	1			0.0000E+00
7	3.317	1221C2	0.0522	21.2654%	6915	2385	2.9	1	53	1.246	7.5458E-06
8	3.383	1221C3	0.0163	6.6537%	9225	1957	4.7	1	53	.2257	1.7698E-06
9	3.667		0.0000	0.0000%	70836	10764	6.6	1			0.0000E+00
10	3.767		0.0000	0.0000%	14126	5361	2.6	1			0.0000E+00
11	3.867		0.0000	0.0000%	21623	6892	3.1	1			0.0000E+00
12	3.950		0.0000	0.0000%	6944	2939	2.4	1			0.0000E+00
13	4.050		0.0000	0.0000%	8527	2531	3.4	1			0.0000E+00
14	4.125		0.0000	0.0000%	16394	3046	5.4	1			0.0000E+00
15	4.292		0.0000	0.0000%	37660	5739	6.6	1			0.0000E+00
16	4.508		0.0000	0.0000%	6189	1823	3.4	1			0.0000E+00
17	4.575		0.0000	0.0000%	17412	6383	2.7	1			0.0000E+00
18	4.667		0.0000	0.0000%	4474	1689	2.6	1			0.0000E+00
19	4.808		0.0000	0.0000%	19649	2727	7.2	1			0.0000E+00
20	5.033	1248C2	0.0123	5.0141%	14776	2507	5.9	1	53	.7945	8.3267E-07
21	5.158		0.0000	0.0000%	7277	1960	3.7	1			0.0000E+00
22	5.267		0.0000	0.0000%	18519	3301	5.6	1			0.0000E+00
23	5.433		0.0000	0.0000%	18962	5123	3.7	1			0.0000E+00
24	5.500		0.0000	0.0000%	18572	7440	2.5	1			0.0000E+00
25	5.700	1248C3	0.0057	2.3097%	2076	1059	2.0	1	53	-.3971	2.7307E-06
26	6.008		0.0000	0.0000%	24288	2725	8.9	1			0.0000E+00
27	6.175		0.0000	0.0000%	20740	7645	2.7	1			0.0000E+00
28	6.383		0.0000	0.0000%	35388	12237	2.9	1			0.0000E+00
29	6.475		0.0000	0.0000%	25100	6576	3.8	1			0.0000E+00
30	6.658		0.0000	0.0000%	21473	5369	4.0	1			0.0000E+00
31	6.842		0.0000	0.0000%	28427	5044	5.6	1			0.0000E+00
32	7.000		0.0000	0.0000%	48195	9666	5.0	1			0.0000E+00
33	7.133		0.0000	0.0000%	3873	1202	3.2	1			0.0000E+00
34	7.233		0.0000	0.0000%	32236	6549	4.9	1			0.0000E+00
35	7.450		0.0000	0.0000%	95478	17870	5.3	1			0.0000E+00
36	7.808	1248C5	0.0317	12.9078%	29399	5350	5.5	1	53	-.4044	1.0773E-06
38	8.225		0.0000	0.0000%	5613	873	6.4	1			0.0000E+00
39	8.308		0.0000	0.0000%	7896	2129	3.7	1			0.0000E+00
40	8.467		0.0000	0.0000%	5026	1525	3.3	1			0.0000E+00
41	8.608		0.0000	0.0000%	9975	1969	5.1	1			0.0000E+00
42	9.125		0.0000	0.0000%	3367	1027	3.3	1			0.0000E+00
43	9.325		0.0000	0.0000%	5601	918	6.1	1			0.0000E+00
44	9.750		0.0000	0.0000%	6438	1574	4.1	1			0.0000E+00
45	11.408		0.0000	0.0000%	4287	753	5.7	1			0.0000E+00

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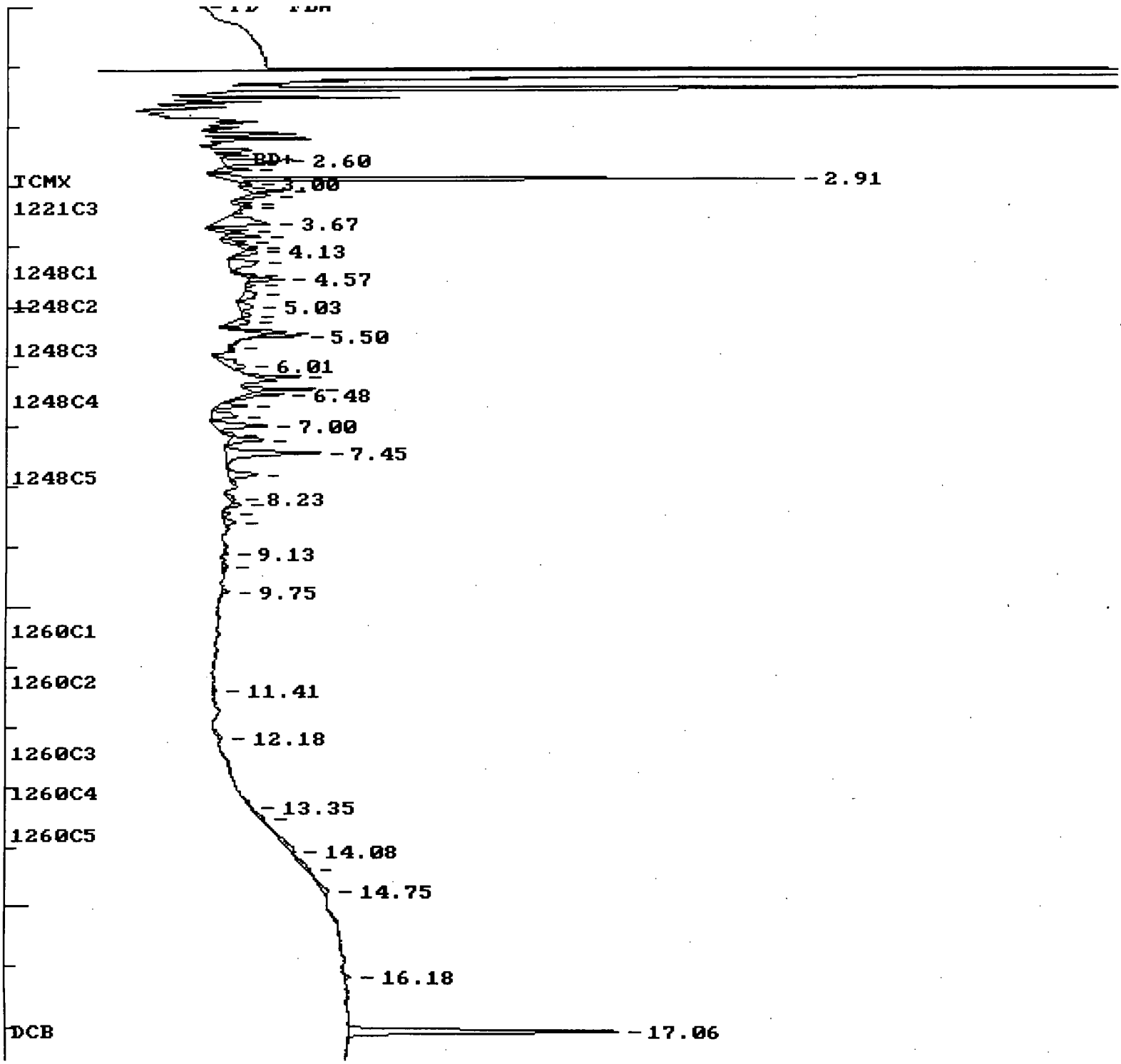
46	12.183		0.0000	0.0000%	5316	857	6.2	1			0.0000E+00
47	13.350		0.0000	0.0000%	5588	545	10.3	1			0.0000E+00
48	13.525		0.0000	0.0000%	5903	768	7.7	1			0.0000E+00
49	14.083		0.0000	0.0000%	15988	719	22.2	1			0.0000E+00
50	14.383		0.0000	0.0000%	7143	520	13.7	1			0.0000E+00
51	14.750		0.0000	0.0000%	8813	1173	7.5	1			0.0000E+00
52	16.183		0.0000	0.0000%	5231	1334	3.9	1			0.0000E+00
53	17.058	DCB 20#	0.0082	3.3380%	223315	50701	4.4	1	53	0	3.6678E-08

TOTAL AMOUNT = 0.2454

Areas, times, and heights stored in: O:55PCD171.ATB
Data File = O:55PCD171.PTS Printed on 08-19-1998 at 21:53:55
Start time: 0.00 min. Stop time: 17.50 min. Offset: -99 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-18-1998 23:45:59 Version 5.1.5 **********

* Sample Name: EEI/GM/MB081898-1A 89720 HG/ACID Data File: O:55PCD135 *

* Date: 08-18-1998 18:19:56 Method: O:55PCD2 08-16-1998 09:14:01 # 4484*

* Interface: 4 Cycle#: 135 Operator TMC Channel#: 0 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

Starting Delay: 0.00 Ending retention time: 17.50

Area reject: 10000 One sample per 0.500 sec.

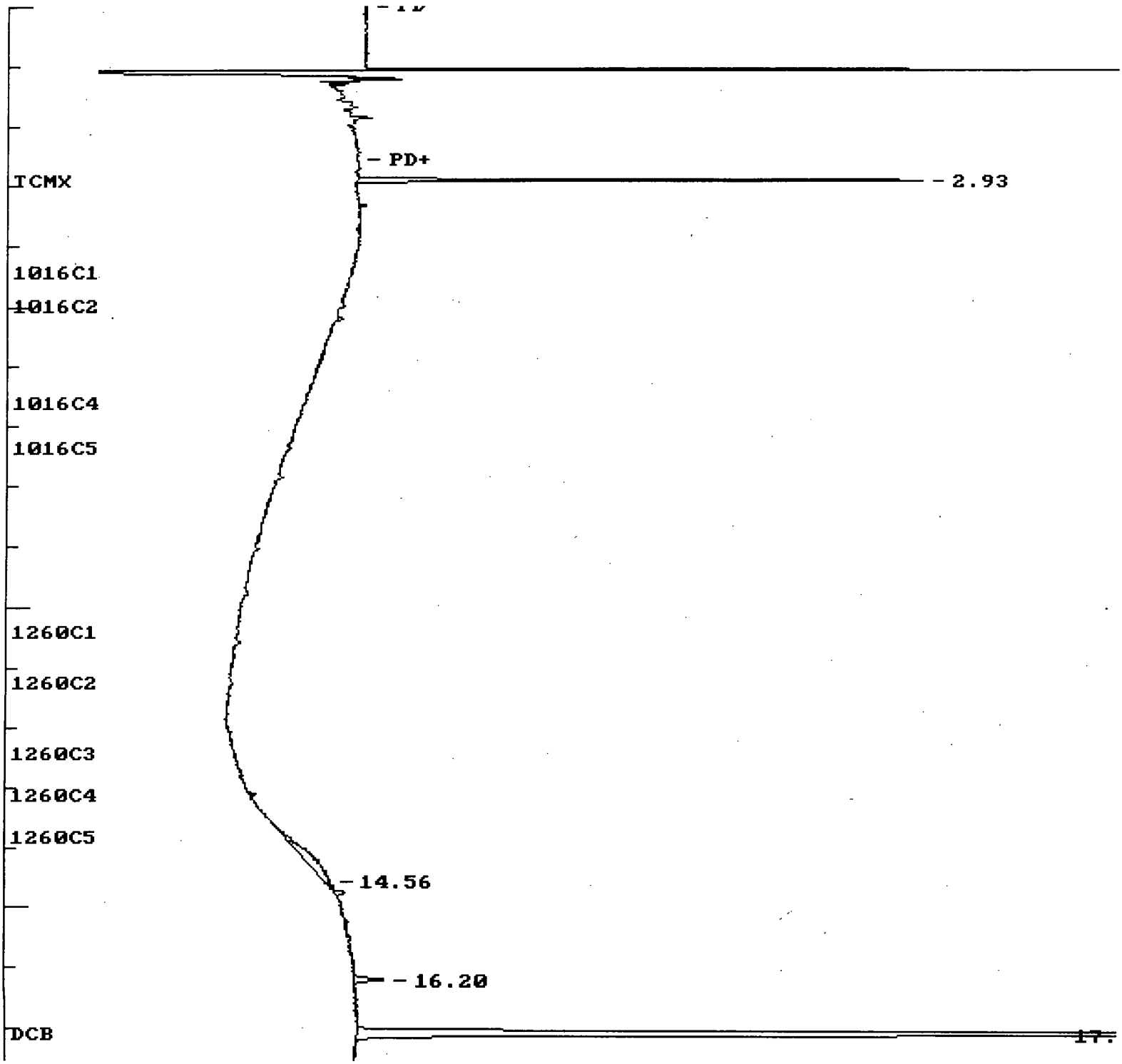
Amount injected: 1.00 Dilution factor: 1.00

Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK		% DELTA RET TIME	CONC/AREA
1	2.925	TCMX 89	0.0089	19.2198%	232685	105395	2.2	1	0	NO	.2857	3.8375E-08
6	14.558		0.0000	0.0000%	74515	1336	55.8	2				0.0000E+00
9	16.200		0.0000	0.0000%	23403	5577	4.2	1				0.0000E+00
11	17.075	DCB 94	0.0375	80.7802%	1023216	240409	4.3	1	11		0	3.6678E-08

TOTAL AMOUNT = 0.0465

Areas, times, and heights stored in: O:55PCD135.ATB
Data File = O:55PCD135.PTS Printed on 08-18-1998 at 23:46:00
Start time: 0.00 min. Stop time: 17.50 min. Offset: -99 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-23-1998 17:39:35 Version 5.1.5 **********

* Sample Name: EQC/DED/GMI/EEI/MB082198-1A 89729 HG/ACI

Data File: O:54PCB94 *

* Date: 08-23-1998 17:19:25 Method: O:54PCB2 08-21-1998 19:03:34 # 4519*

* Interface: 2 Cycle#: 94 Operator TMC Channel#: 1 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

* Instrument Type: VARIAN 3400-6 Column Type: DB-1 30M .53Omm1.5um *

* Solvent Description: H2@3.3ML/MIN. @200 *

* Conditions: 210H3.5 290@6/minH3 I=240 D=310 *

* Detector 0: Detector 1: ECD4AT/R1 *

* Misc. Information: 2ul inj. 10ml/min split CID4342635 *

****

Starting Delay: 0.00 Ending retention time: 17.25

Area reject: 15000 One sample per 0.500 sec.

Amount injected: 1.00 Dilution factor: 1.00

Sample Weight: 1.00000

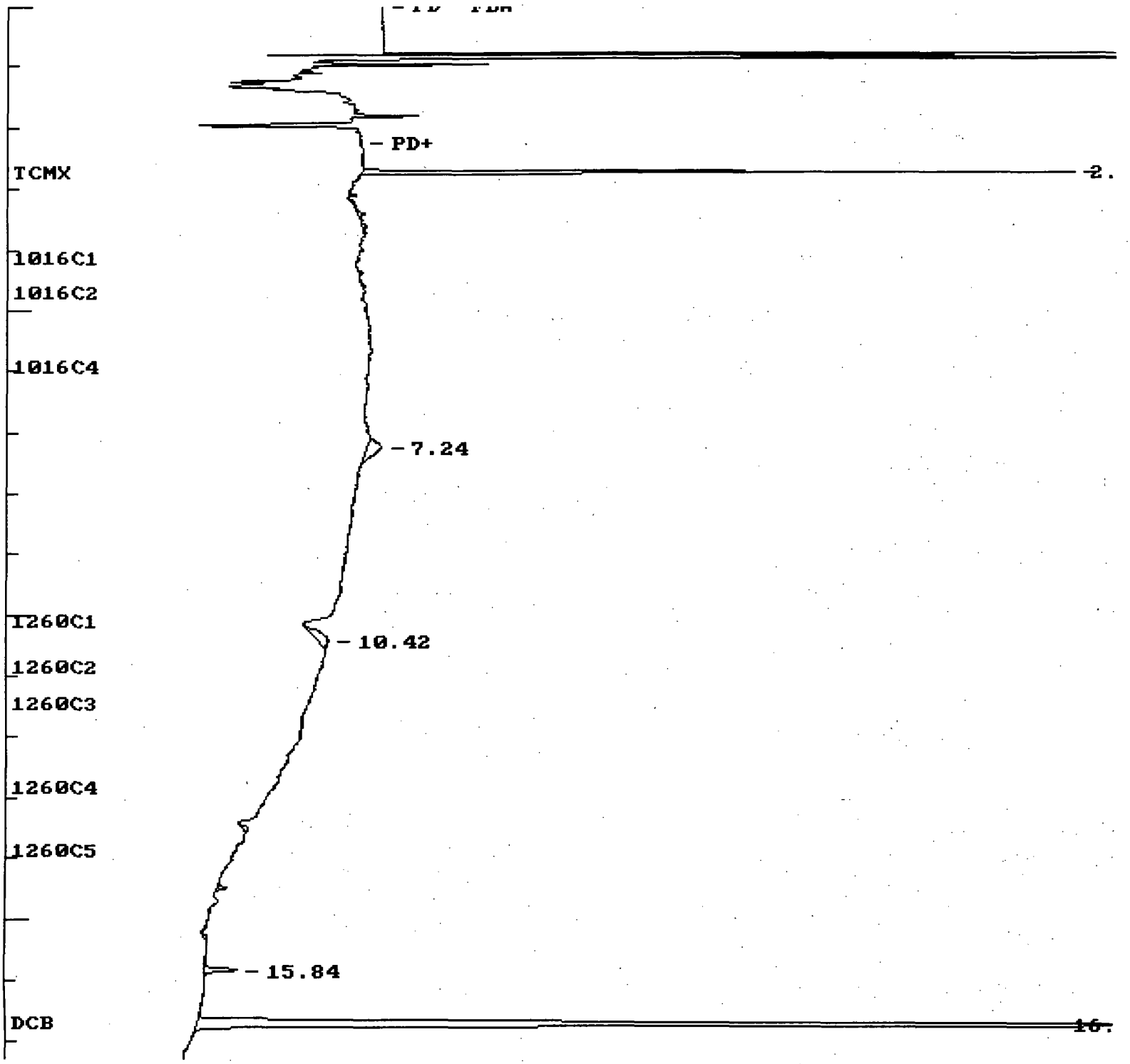
PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	2.742	TCMX 85	0.0085	21.6788%	288470	133751	2.2	1	0	0	2.9403E-08
8	7.242		0.0000	0.0000%	38620	2644	14.6	1			0.0000E+00
9	10.417		0.0000	0.0000%	32526	1952	16.7	1			0.0000E+00
13	15.842		0.0000	0.0000%	23105	5882	3.9	1			0.0000E+00
14	16.700	DCB 77	0.0306	78.3212%	1071532	241548	4.4	1	14	0	2.8597E-08

NO+

Final (H2O)

TOTAL AMOUNT = 0.0391

Areas, times, and heights stored in: O:54PCB94.ATB
Data File = O:54PCB94.PTS Printed on 08-23-1998 at 17:39:36
Start time: 0.00 min. Stop time: 17.25 min. Offset: -50 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-19-1998 19:36:32 Version 5.1.5 **********

* Sample Name: EEI/LCS(PCBH18010) RR Data File: O:55PCD148 *
* Date: 08-18-1998 23:31:44 Method: O:55PCD2 08-16-1998 09:14:01 # 4484*
* Interface: 4 Cycle#: 148 Operator TMC Channel#: 0 Vial#: N.A. *
* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

Starting Delay: 0.00
Area reject: 10000
Amount injected: 1.00
Sample Weight: 1.00000

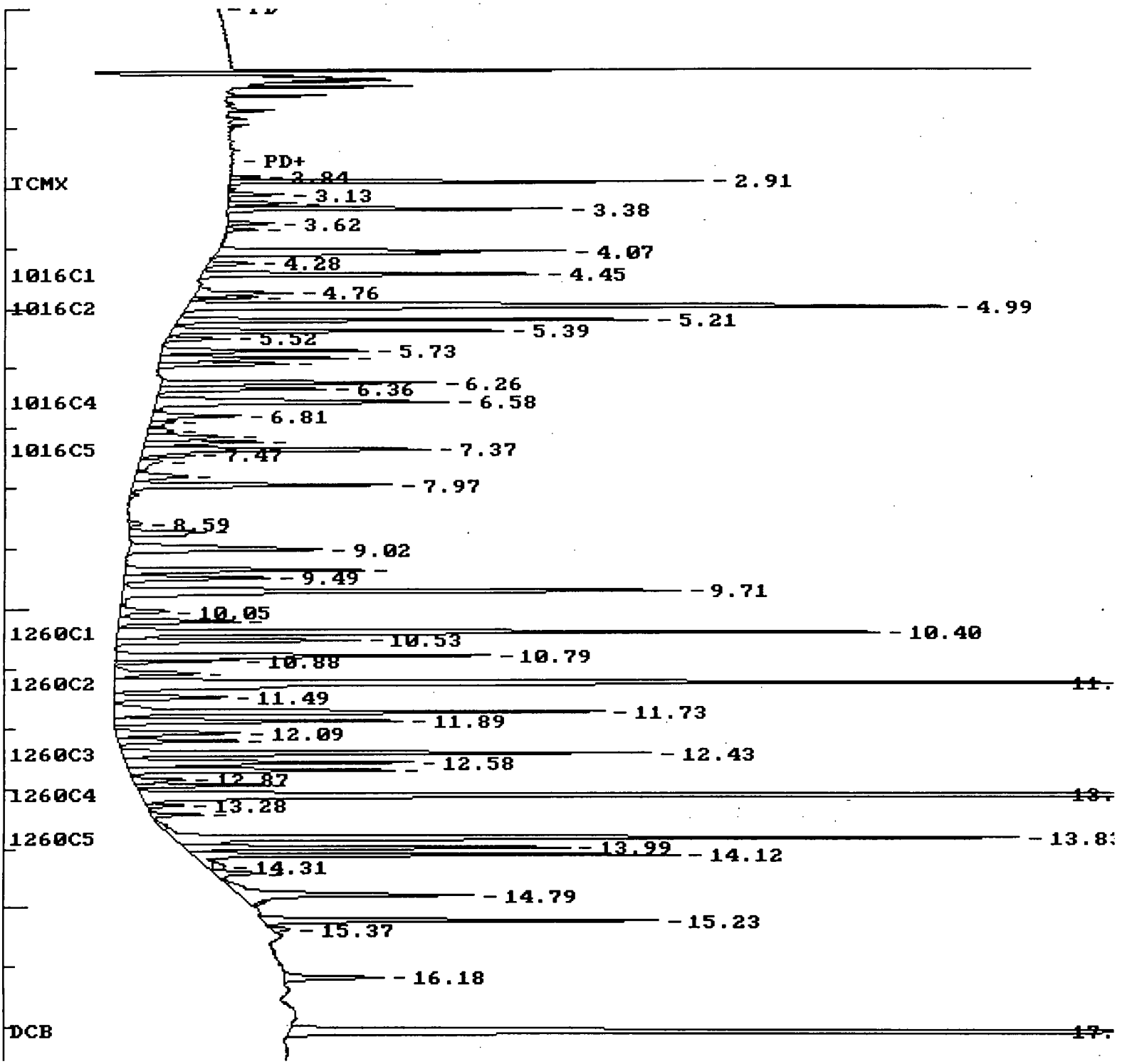
Ending retention time: 17.50
One sample per 0.500 sec.
Dilution factor: 1.00

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	2.842		0.0000	0.0000%	13456	5751	2.3	2			0.0000E+00
2	2.908	TCMX 77	0.0077	0.1779%	200830	88924	2.3	2	54	-.1812	3.8375E-08
4	3.125		0.0000	0.0000%	30376	10509	2.9	2			0.0000E+00
5	3.275		0.0000	0.0000%	32471	12999	2.5	2			0.0000E+00
6	3.375		0.0000	0.0000%	164040	62727	2.6	2			0.0000E+00
7	3.617		0.0000	0.0000%	22722	8612	2.6	2			0.0000E+00
8	3.717		0.0000	0.0000%	16574	5881	2.8	2			0.0000E+00
9	4.067		0.0000	0.0000%	290193	65450	4.4	1			0.0000E+00
10	4.275		0.0000	0.0000%	29851	8518	3.5	2			0.0000E+00
11	4.450	1016C1	0.4356	10.0548%	203302	63223	3.2	2	54	.1048	2.1424E-06
12	4.758		0.0000	0.0000%	62912	18236	3.4	2			0.0000E+00
13	4.833		0.0000	0.0000%	34535	12220	2.8	2			0.0000E+00
14	4.992	1016C2	0.4020	9.2804%	678345	142200	4.8	2	54	.1048	5.9264E-07
15	5.208	1016C3	0.4198	9.6902%	272203	88191	3.1	2	54	0	1.5421E-06
16	5.392		0.0000	0.0000%	197237	62106	3.2	2			0.0000E+00
17	5.517		0.0000	0.0000%	35669	11753	3.0	2			0.0000E+00
18	5.725		0.0000	0.0000%	130453	38686	3.4	2			0.0000E+00
19	5.842		0.0000	0.0000%	114998	35177	3.3	2			0.0000E+00
20	5.942	$\bar{x}$ = 0.4411	0.0000	0.0000%	100566	24454	4.1	2			0.0000E+00
21	6.258		0.0000	0.0000%	174809	51557	3.4	2			0.0000E+00
22	6.358		0.0000	0.0000%	120063	31381	3.8	2			0.0000E+00
23	6.583	1016C4	0.4515	10.4225%	264834	55085	4.8	2	54	0	1.7048E-06
24	6.808		0.0000	0.0000%	70053	16730	4.2	2			0.0000E+00
25	6.900		0.0000	0.0000%	22739	4561	5.0	2			0.0000E+00
26	7.050		0.0000	0.0000%	23658	4873	4.9	2			0.0000E+00
27	7.158		0.0000	0.0000%	66900	16470	4.1	2			0.0000E+00
28	7.242		0.0000	0.0000%	85713	22410	3.8	2			0.0000E+00
29	7.367	1016C5	0.4967	11.4673%	221480	53798	4.1	3	54	0	2.2428E-06
30	7.467		0.0000	0.0000%	29875	8334	3.6	4			0.0000E+00
31	7.558		0.0000	0.0000%	27967	4265	6.6	2			0.0000E+00
32	7.808		0.0000	0.0000%	54556	9899	5.5	2			0.0000E+00
33	7.967		0.0000	0.0000%	182889	48587	3.8	2			0.0000E+00
35	8.592		0.0000	0.0000%	10179	2698	3.8	2			0.0000E+00
36	8.742		0.0000	0.0000%	52155	14380	3.6	2			0.0000E+00
37	9.025		0.0000	0.0000%	188217	36496	5.2	1			0.0000E+00
38	9.367		0.0000	0.0000%	170419	44711	3.8	2			0.0000E+00
39	9.492		0.0000	0.0000%	111836	27537	4.1	2			0.0000E+00
40	9.708		0.0000	0.0000%	459494	104676	4.4	2			0.0000E+00
41	10.050		0.0000	0.0000%	42409	9186	4.6	2			0.0000E+00
42	10.217		0.0000	0.0000%	96472	22843	4.2	2			0.0000E+00
43	10.400	1260C1	0.4239	9.7865%	552996	142403	3.9	2	54	0	7.6662E-07
44	10.533		0.0000	0.0000%	181558	45780	4.0	2			0.0000E+00
45	10.792		0.0000	0.0000%	283285	70265	4.0	2			0.0000E+00
46	10.875	$\bar{x}$ = 0.4174	0.0000	0.0000%	69585	23133	3.0	2			0.0000E+00

47	11.092		0.0000	0.0000%	68047	15986	4.3	2			0.0000E+00
48	11.250	1260C2	0.4082	9.4240%	884489	187046	4.7	2	54	0	4.6154E-07
49	11.492		0.0000	0.0000%	89654	21165	4.2	2			0.0000E+00
50	11.733		0.0000	0.0000%	380491	91910	4.1	2			0.0000E+00
51	11.892		0.0000	0.0000%	213102	53962	3.9	2			0.0000E+00
52	12.092		0.0000	0.0000%	96133	23461	4.1	2			0.0000E+00
53	12.225		0.0000	0.0000%	84482	22744	3.7	2			0.0000E+00
54	12.425	1260C3	0.4399	10.1556%	358959	99412	3.6	2	54	0	1.2256E-06
55	12.583		0.0000	0.0000%	199460	53828	3.7	2			0.0000E+00
56	12.708		0.0000	0.0000%	206027	50019	4.1	2			0.0000E+00
57	12.867		0.0000	0.0000%	34493	10143	3.4	2			0.0000E+00
58	12.958		0.0000	0.0000%	76377	23851	3.2	2			0.0000E+00
59	13.117	1260C4	0.3906	9.0167%	1194655	362101	3.3	2	54	0	3.2694E-07
60	13.283		0.0000	0.0000%	22344	7013	3.2	2			0.0000E+00
61	13.442		0.0000	0.0000%	30584	9745	3.1	1			0.0000E+00
62	13.825	1260C5	0.4249	9.8093%	590474	157862	3.7	2	54	0	7.1963E-07
63	13.992		0.0000	0.0000%	225547	71656	3.1	2			0.0000E+00
64	14.117		0.0000	0.0000%	291043	90713	3.2	3			0.0000E+00
65	14.308		0.0000	0.0000%	14751	2346	6.3	4			0.0000E+00
66	14.425		0.0000	0.0000%	32526	8039	4.0	2			0.0000E+00
67	14.792		0.0000	0.0000%	210911	43339	4.9	3			0.0000E+00
69	15.225		0.0000	0.0000%	257711	73877	3.5	1			0.0000E+00
70	15.367		0.0000	0.0000%	11086	3164	3.5	1			0.0000E+00
71	16.183		0.0000	0.0000%	75469	18538	4.1	1			0.0000E+00
72	17.058	DCB 73	0.0310	0.7147%	844054	196415	4.3	1	72	0	3.6678E-08

TOTAL AMOUNT = 4.3318

Areas, times, and heights stored in: O:55PCD148.ATB
Data File = O:55PCD148.PTS Printed on 08-19-1998 at 19:36:35
Start time: 0.00 min. Stop time: 17.50 min. Offset: -99 mv.
Full Range: 200 millivolts



Not used (urdaung)

******* EXTERNAL STANDARD TABLE *******

********** 08-19-1998 21:48:48 Version 5.1.5 **********

* Sample Name: EEI/LCS(PCBH18010) 89890 HG/ACID Data File: O:55PCD144 *

* Date: 08-18-1998 21:25:10 Method: O:55PCD2 08-16-1998 09:14:01 # 4484*

* Interface: 4 Cycle#: 144 Operator TMC Channel#: 0 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

Starting Delay: 0.00 Ending retention time: 17.50

Area reject: 10000 One sample per 0.500 sec.

Amount injected: 1.00 Dilution factor: 1.00

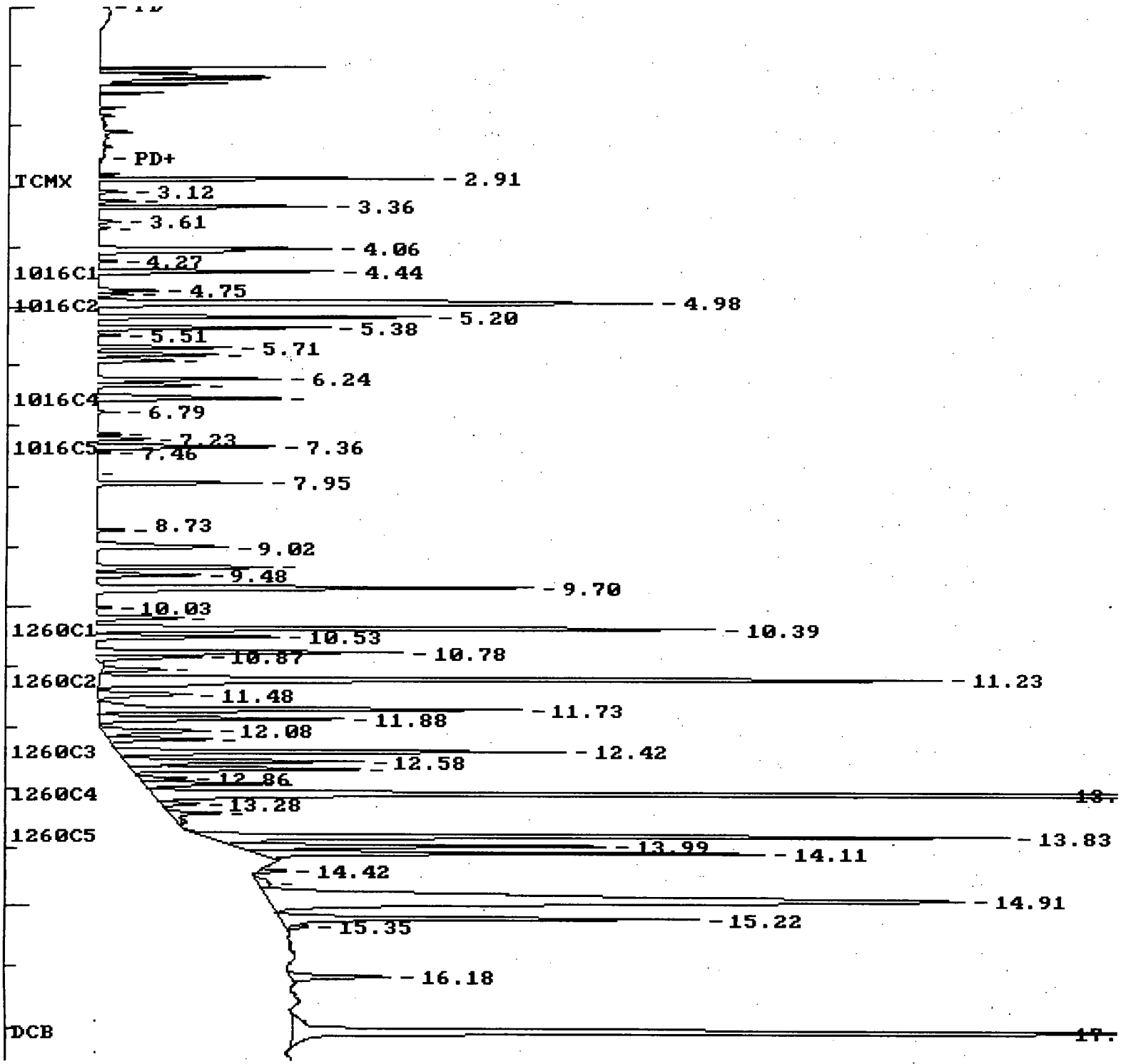
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
2	2.908	TCMX	0.0055	0.1574%	143603	64033	2.2	2	52	-.1142	3.8375E-08
3	3.117		0.0000	0.0000%	21923	7688	2.9	1			0.0000E+00
4	3.267		0.0000	0.0000%	22891	9622	2.4	2			0.0000E+00
5	3.358		0.0000	0.0000%	118041	45231	2.6	2			0.0000E+00
6	3.608		0.0000	0.0000%	18637	6618	2.8	2			0.0000E+00
7	3.708		0.0000	0.0000%	15083	4817	3.1	2			0.0000E+00
8	4.058		0.0000	0.0000%	214044	47194	4.5	1			0.0000E+00
9	4.267		0.0000	0.0000%	25775	6738	3.8	2			0.0000E+00
10	4.442	1016C1	0.3335	9.5267%	155674	46988	3.3	2	52	0	2.1424E-06
11	4.750		0.0000	0.0000%	45528	13852	3.3	2			0.0000E+00
12	4.817		0.0000	0.0000%	26498	9398	2.8	2			0.0000E+00
13	4.975	1016C2	0.3031	8.6575%	511427	107193	4.8	2	52	-.1624	5.9264E-07
14	5.200	1016C3	0.3191	9.1161%	206956	66092	3.1	2	52	-.1181	1.5421E-06
15	5.375		0.0000	0.0000%	152022	47938	3.2	2			0.0000E+00
16	5.508		0.0000	0.0000%	28411	9078	3.1	2			0.0000E+00
17	5.708		0.0000	0.0000%	105575	30368	3.5	2			0.0000E+00
18	5.833		0.0000	0.0000%	92043	28143	3.3	2			0.0000E+00
19	5.933		0.0000	0.0000%	92907	19982	4.6	2			0.0000E+00
20	6.242		0.0000	0.0000%	159123	40586	3.9	2			0.0000E+00
21	6.350		0.0000	0.0000%	98313	25509	3.9	2			0.0000E+00
22	6.567	1016C4	0.3413	9.7499%	200223	41084	4.9	2	52	-.1842	1.7048E-06
23	6.792		0.0000	0.0000%	38639	11007	3.5	3			0.0000E+00
26	7.150		0.0000	0.0000%	39569	10874	3.6	2			0.0000E+00
27	7.233		0.0000	0.0000%	58802	16188	3.6	2			0.0000E+00
28	7.358	1016C5	0.3386	9.6718%	150970	39376	3.8	2	52	0	2.2428E-06
29	7.458		0.0000	0.0000%	25065	8167	3.1	2			0.0000E+00
30	7.800		0.0000	0.0000%	24851	6002	4.1	2			0.0000E+00
31	7.950		0.0000	0.0000%	134974	37427	3.6	2			0.0000E+00
34	8.725		0.0000	0.0000%	39546	11024	3.6	1			0.0000E+00
35	9.017		0.0000	0.0000%	151246	29080	5.2	1			0.0000E+00
36	9.350		0.0000	0.0000%	139571	36853	3.8	2			0.0000E+00
37	9.483		0.0000	0.0000%	96257	23398	4.1	2			0.0000E+00
38	9.700		0.0000	0.0000%	373706	85416	4.4	2			0.0000E+00
39	10.033		0.0000	0.0000%	29242	6698	4.4	2			0.0000E+00
40	10.208		0.0000	0.0000%	91777	20233	4.5	2			0.0000E+00
41	10.392	1260C1	0.3634	10.3788%	473967	119734	4.0	2	52	0	7.6662E-07
42	10.525		0.0000	0.0000%	153223	38012	4.0	2			0.0000E+00
43	10.783		0.0000	0.0000%	234247	59320	3.9	2			0.0000E+00
44	10.867		0.0000	0.0000%	72421	20400	3.6	2			0.0000E+00
45	11.075		0.0000	0.0000%	43362	12246	3.5	1			0.0000E+00
46	11.233	1260C2	0.3306	9.4444%	716376	157244	4.6	1	52	0	4.6154E-07
47	11.483		0.0000	0.0000%	76901	17818	4.3	2			0.0000E+00
48	11.725		0.0000	0.0000%	323316	79291	4.1	2			0.0000E+00
49	11.883		0.0000	0.0000%	179292	45997	3.9	2			0.0000E+00

50	12.083		0.0000	0.0000%	83491	20262	4.1	2			0.0000E+00
51	12.217		0.0000	0.0000%	72865	19564	3.7	2			0.0000E+00
52	12.417	1260C3	0.3691	10.5422%	301147	83960	3.6	2	52	0	1.2256E-06
53	12.575		0.0000	0.0000%	158481	44673	3.5	2			0.0000E+00
54	12.700		0.0000	0.0000%	173189	42952	4.0	2			0.0000E+00
55	12.858		0.0000	0.0000%	30970	9130	3.4	2			0.0000E+00
56	12.950		0.0000	0.0000%	80991	23857	3.4	2			0.0000E+00
57	13.108	1260C4	0.3633	10.3762%	1111081	329829	3.4	2	52	0	3.2694E-07
58	13.283		0.0000	0.0000%	25246	7308	3.5	2			0.0000E+00
59	13.433		0.0000	0.0000%	41201	9839	4.2	3			0.0000E+00
61	13.825	1260C5	0.4005	11.4406%	556570	149196	3.7	2	52	.1078	7.1963E-07
62	13.992		0.0000	0.0000%	215358	68226	3.2	2			0.0000E+00
63	14.108		0.0000	0.0000%	303191	93513	3.2	2			0.0000E+00
64	14.417		0.0000	0.0000%	15544	5445	2.9	1			0.0000E+00
65	14.625		0.0000	0.0000%	17997	2345	7.7	2			0.0000E+00
66	14.908		0.0000	0.0000%	1265438	129778	9.8	2			0.0000E+00
67	15.217		0.0000	0.0000%	301415	78438	3.8	3			0.0000E+00
68	15.350		0.0000	0.0000%	12882	3553	3.6	4			0.0000E+00
70	16.183		0.0000	0.0000%	76628	18643	4.1	1			0.0000E+00
71	17.058	DCB	0.0328	0.9382%	895543	196619	4.6	1	71	0	3.6678E-08

TOTAL AMOUNT = 3.5009

Areas, times, and heights stored in: O:55PCD144.ATB
Data File = O:55PCD144.PTS Printed on 08-19-1998 at 21:48:51
Start time: 0.00 min. Stop time: 17.50 min. Offset: -99 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-25-1998 09:05:03 Version 5.1.5 **********

* Sample Name: EQC/LCS(PDBH2105W) 89893 HG/ACID Data File: O:57PCD39 *
* Date: 08-25-1998 07:54:11 Method: O:57PCD2 08-25-1998 06:51:47 # 4497*
* Interface: 4 Cycle#: 39 Operator TMC Channel#: 0 Vial#: N.A. *
* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

* Instrument Type: 3400-A/B Column Type: XTI-5 30M 0.53 1.0um *
* Solvent Description: *
* Conditions: 210 3.5H 260 @6/M H0 295 @15/M H4.34 *
* Detector 0: A4 R1 Detector 1: *
* Misc. Information: INJ-240,DET-310,4.0UL INJ *

****

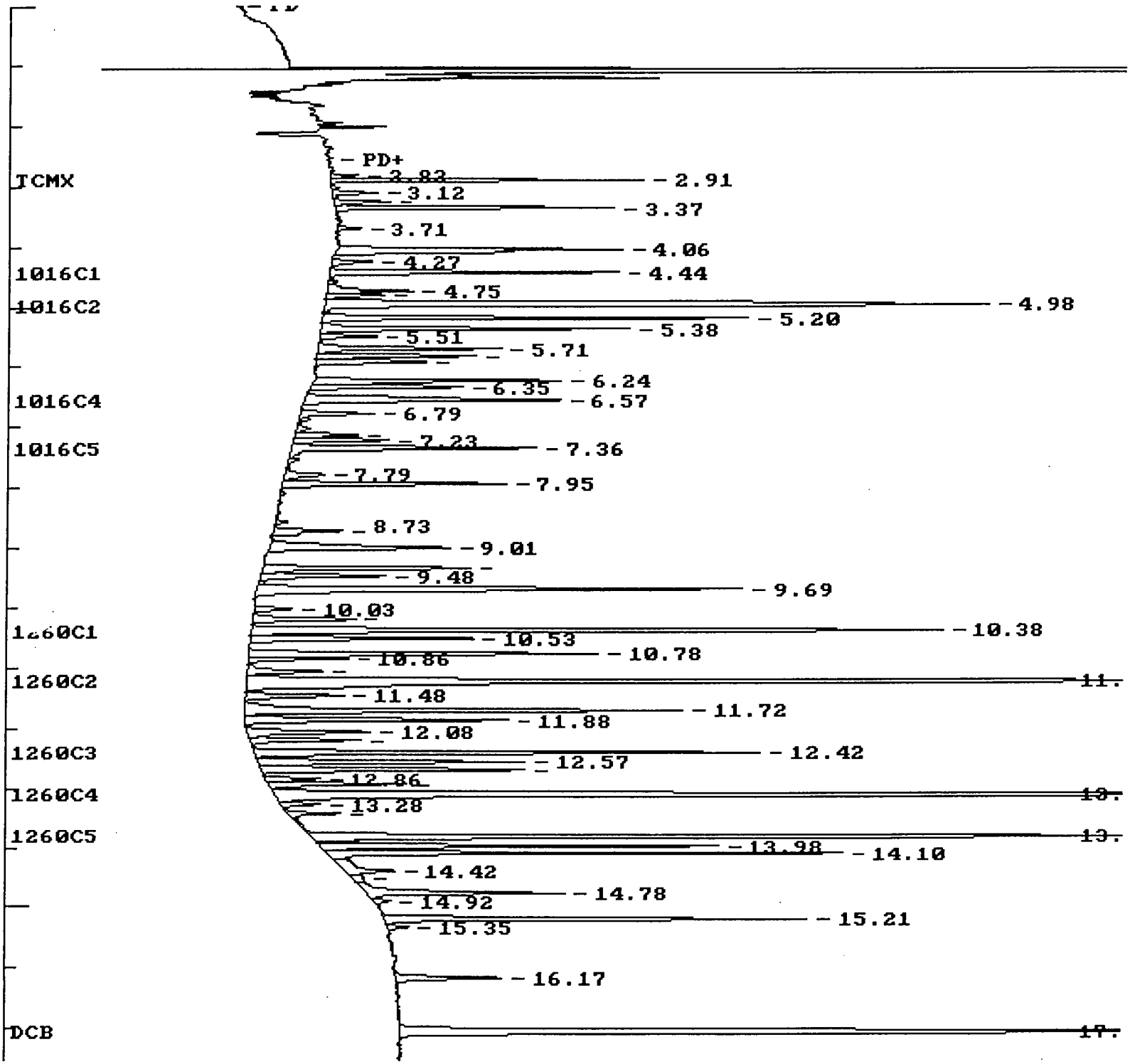
Starting Delay: 0.00 Ending retention time: 17.50
Area reject: 10000 One sample per 0.500 sec.
Amount injected: 1.00 Dilution factor: 1.00
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	2.833		0.0000	0.0000%	11821	5210	2.3	2			0.0000E+00
2	2.908	TCMX 47	0.0047	0.1263%	129126	58454	2.2	2	52	0	3.6583E-08
4	3.117		0.0000	0.0000%	27751	8580	3.2	2			0.0000E+00
5	3.267		0.0000	0.0000%	27817	10678	2.6	2			0.0000E+00
6	3.367		0.0000	0.0000%	136146	52262	2.6	2			0.0000E+00
7	3.708		0.0000	0.0000%	12024	4583	2.6	1			0.0000E+00
8	4.058		0.0000	0.0000%	233808	53505	4.4	1			0.0000E+00
9	4.267		0.0000	0.0000%	31106	7898	3.9	2			0.0000E+00
10	4.442	1016C1	0.3709	9.9162%	180186	54078	3.3	2	52	0	2.0582E-06
11	4.750		0.0000	0.0000%	60065	16358	3.7	2			0.0000E+00
12	4.817		0.0000	0.0000%	34471	11278	3.1	2			0.0000E+00
13	4.975	1016C2	0.3348	8.9509%	590156	123744	4.8	2	52	-.1002	5.6725E-07
14	5.200	1016C3	0.3802	10.1660%	257592	79553	3.2	2	52	0	1.4760E-06
15	5.375		0.0000	0.0000%	188249	57813	3.3	2			0.0000E+00
16	5.508		0.0000	0.0000%	36803	10818	3.4	2			0.0000E+00
17	5.708		0.0000	0.0000%	120514	34466	3.5	2			0.0000E+00
18	5.833		0.0000	0.0000%	97987	30019	3.3	2			0.0000E+00
19	5.933		0.0000	0.0000%	87857	21067	4.2	2			0.0000E+00
20	6.242		0.0000	0.0000%	163036	46276	3.5	2			0.0000E+00
21	6.350		0.0000	0.0000%	103442	28633	3.6	2			0.0000E+00
22	6.567	1016C4	0.3710	9.9188%	225418	47924	4.7	1	52	0	1.6457E-06
23	6.792		0.0000	0.0000%	48283	13802	3.5	3			0.0000E+00
26	7.142		0.0000	0.0000%	42241	11908	3.5	2			0.0000E+00
27	7.233		0.0000	0.0000%	61586	17895	3.4	2			0.0000E+00
28	7.358	1016C5	0.3761	10.0570%	173866	45575	3.8	2	52	0	2.1633E-06
30	7.792		0.0000	0.0000%	35400	7343	4.8	2			0.0000E+00
31	7.950		0.0000	0.0000%	153975	41796	3.7	2			0.0000E+00
34	8.725		0.0000	0.0000%	47051	13054	3.6	2			0.0000E+00
35	9.008		0.0000	0.0000%	164363	33858	4.9	1			0.0000E+00
36	9.350		0.0000	0.0000%	145034	38809	3.7	2			0.0000E+00
37	9.475		0.0000	0.0000%	96551	23609	4.1	2			0.0000E+00
38	9.692		0.0000	0.0000%	392661	90464	4.3	2			0.0000E+00
39	10.033		0.0000	0.0000%	28991	7145	4.1	2			0.0000E+00
40	10.200		0.0000	0.0000%	78553	19226	4.1	2			0.0000E+00
	0.383	1260C1	0.3556	9.5073%	485987	128566	3.8	2	52	0	7.3165E-07
42	10.525		0.0000	0.0000%	167178	41734	4.0	2			0.0000E+00
43	10.775		0.0000	0.0000%	255028	65140	3.9	2			0.0000E+00
44	10.858		0.0000	0.0000%	57242	18560	3.1	2			0.0000E+00

45	11.075			0.0000	0.0000%	58734	14142	4.2	2			0.0000E+00
46	11.233	1260C2		0.3572	9.5502%	823126	176866	4.7	2	52	0	4.3393E-07
47	11.475			0.0000	0.0000%	75606	18403	4.1	2			0.0000E+00
48	11.717			0.0000	0.0000%	340330	81620	4.2	2			0.0000E+00
49	11.875			0.0000	0.0000%	191205	49031	3.9	2			0.0000E+00
[illegible]	12.075			0.0000	0.0000%	96139	23099	4.2	2			0.0000E+00
51	12.208			0.0000	0.0000%	75953	20755	3.7	2			0.0000E+00
52	12.417	1260C3		0.3937	10.5279%	336961	93939	3.6	2	52	0	1.1685E-06
53	12.567			0.0000	0.0000%	176346	49830	3.5	2			0.0000E+00
54	12.700			0.0000	0.0000%	197014	49236	4.0	2			0.0000E+00
55	12.858			0.0000	0.0000%	34072	10071	3.4	2			0.0000E+00
56	12.942			0.0000	0.0000%	84714	25815	3.3	2			0.0000E+00
57	13.108	1260C4		0.3854	10.3038%	1201737	364475	3.3	2	52	.1307	3.2067E-07
58	13.275			0.0000	0.0000%	23675	7414	3.2	2			0.0000E+00
59	13.433			0.0000	0.0000%	32795	9602	3.4	2			0.0000E+00
60	13.817	1260C5		0.3866	10.3360%	576065	160815	3.6	2	52	0	6.7105E-07
61	13.983			0.0000	0.0000%	242080	74108	3.3	2			0.0000E+00
62	14.100			0.0000	0.0000%	302181	95453	3.2	2			0.0000E+00
63	14.417			0.0000	0.0000%	67981	9213	7.4	2			0.0000E+00
64	14.542			0.0000	0.0000%	11260	2096	5.4	2			0.0000E+00
65	14.783			0.0000	0.0000%	152860	36755	4.2	2			0.0000E+00
66	14.917			0.0000	0.0000%	11122	2996	3.7	2			0.0000E+00
67	15.208			0.0000	0.0000%	270847	78401	3.5	2			0.0000E+00
68	15.350			0.0000	0.0000%	13295	3943	3.4	2			0.0000E+00
69	16.175			0.0000	0.0000%	76378	19772	3.9	1			0.0000E+00
70	17.050	DCB	60	0.0239	0.6397%	784199	185338	4.2	1	70	0	3.0510E-08

TOTAL AMOUNT = 3.7400

Areas, times, and heights stored in: O:57PCD39.ATB
Data File = O:57PCD39.PTS Printed on 08-25-1998 at 09:05:05
Start time: 0.00 min. Stop time: 17.50 min. Offset: -99 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-19-1998 19:36:44 Version 5.1.5 **********

* Sample Name: EEI/13219 91983MS HG/ACID Data File: O:55PCD150 *

* Date: 08-19-1998 00:12:52 Method: O:55PCD2 08-16-1998 09:14:01 # 4484*

* Interface: 4 Cycle#: 150 Operator TMC Channel#: 0 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

Starting Delay: 0.00 Ending retention time: 17.50

Area reject: 10000 One sample per 0.500 sec.

Amount injected: 1.00 Dilution factor: 1.00

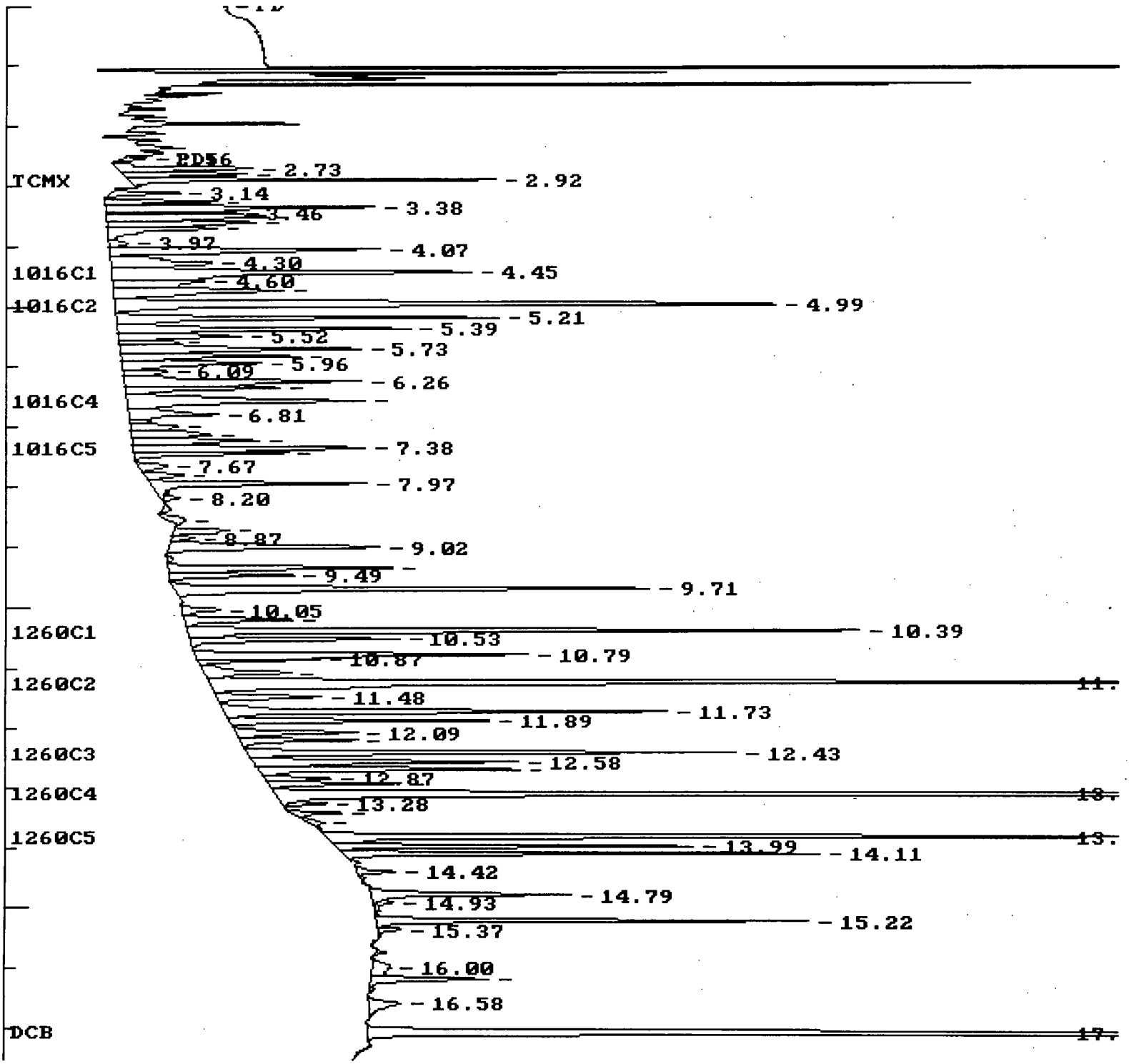
Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	2.558		0.0000	0.0000%	15358	4659	3.3	1			0.0000E+00
2	2.733		0.0000	0.0000%	113124	25241	4.5	2			0.0000E+00
3	2.833		0.0000	0.0000%	93573	23118	4.0	2			0.0000E+00
4	2.917	TCMX 71	0.0071	0.1550%	185943	68409	2.7	2	63	.1048	3.8375E-08
5	3.142		0.0000	0.0000%	48143	13211	3.6	1			0.0000E+00
6	3.283		0.0000	0.0000%	71933	21232	3.4	2			0.0000E+00
7	3.375		0.0000	0.0000%	192749	50560	3.8	2			0.0000E+00
8	3.458		0.0000	0.0000%	71143	24524	2.9	2			0.0000E+00
9	3.525		0.0000	0.0000%	149717	30048	5.0	2			0.0000E+00
10	3.625		0.0000	0.0000%	141189	28188	5.0	2			0.0000E+00
11	3.725		0.0000	0.0000%	108438	20698	5.2	2			0.0000E+00
12	3.967		0.0000	0.0000%	17512	3807	4.6	2			0.0000E+00
13	4.067		0.0000	0.0000%	249447	50687	4.9	2			0.0000E+00
14	4.300		0.0000	0.0000%	145092	19299	7.5	2			0.0000E+00
15	4.450	1016C1	~~0.0203~~	17.8241%	382900	67338	5.7	2	63	.1048	2.1424E-06
16	4.600		0.0000	0.0000%	98687	17525	5.6	2			0.0000E+00
17	4.758		0.0000	0.0000%	213422	32064	6.7	2			0.0000E+00
18	4.992	1016C2	0.3999	8.6889%	674776	123458	5.5	2	63	.1048	5.9264E-07
19	5.208	1016C3	0.4380	9.5173%	284043	71614	4.0	2	63	0	1.5421E-06
20	5.392		0.0000	0.0000%	233161	54796	4.3	2			0.0000E+00
21	5.517		0.0000	0.0000%	103853	23089	4.5	2			0.0000E+00
22	5.608		0.0000	0.0000%	41065	11251	3.6	2			0.0000E+00
23	5.725		0.0000	0.0000%	228497	45120	5.1	2			0.0000E+00
24	5.842		0.0000	0.0000%	125240	33550	3.7	2			0.0000E+00
25	5.958	$\bar{x}$ = 0.4358	0.0000	0.0000%	139310	26210	5.3	2			0.0000E+00
26	6.092		0.0000	0.0000%	40606	8501	4.8	2			0.0000E+00
27	6.258		0.0000	0.0000%	227891	44428	5.1	2			0.0000E+00
28	6.358		0.0000	0.0000%	148242	29267	5.1	2			0.0000E+00
29	6.583	1016C4	0.4796	10.4215%	281348	44585	6.3	2	63	0	1.7048E-06
30	6.808		0.0000	0.0000%	103008	17090	6.0	2			0.0000E+00
31	7.000		0.0000	0.0000%	51113	9274	5.5	2			0.0000E+00
32	7.150		0.0000	0.0000%	101421	15292	6.6	2			0.0000E+00
33	7.242		0.0000	0.0000%	115082	24055	4.8	2			0.0000E+00
34	7.375	1016C5	0.4258	9.2520%	189855	43441	4.4	2	63	0	2.2428E-06
35	7.450		0.0000	0.0000%	116597	29042	4.0	2			0.0000E+00
36	7.667		0.0000	0.0000%	33630	5670	5.9	2			0.0000E+00
37	7.808		0.0000	0.0000%	38527	7462	5.2	2			0.0000E+00
38	7.967		0.0000	0.0000%	178124	40445	4.4	3			0.0000E+00
40	8.200		0.0000	0.0000%	12771	3295	3.9	4			0.0000E+00
42	8.567		0.0000	0.0000%	19018	2740	6.9	1			0.0000E+00
43	8.742		0.0000	0.0000%	40112	10540	3.8	2			0.0000E+00
44	8.867		0.0000	0.0000%	17118	4423	3.9	2			0.0000E+00
45	9.017		0.0000	0.0000%	213494	39474	5.4	2			0.0000E+00
47	9.367		0.0000	0.0000%	188639	41957	4.5	2			0.0000E+00

48	9.492		0.0000	0.0000%	102157	23260	4.4	2			0.0000E+00
49	9.708		0.0000	0.0000%	402197	88815	4.5	1			0.0000E+00
50	10.050		0.0000	0.0000%	33771	7289	4.6	2			0.0000E+00
51	10.217		0.0000	0.0000%	91450	20311	4.5	2			0.0000E+00
52	10.392	1260C1	0.3819	8.2981%	498173	125127	4.0	2	63	0	7.6662E-07
53	10.533		0.0000	0.0000%	163637	39012	4.2	2			0.0000E+00
54	10.792		0.0000	0.0000%	260788	62030	4.2	2			0.0000E+00
55	10.867		0.0000	0.0000%	76467	22629	3.4	2			0.0000E+00
56	11.083		0.0000	0.0000%	86189	16153	5.3	2			0.0000E+00
57	11.242	1260C2	0.3922	8.5222%	849808	175818	4.8	2	63	0	4.6154E-07
58	11.483		0.0000	0.0000%	89495	19584	4.6	2			0.0000E+00
59	11.733		0.0000	0.0000%	355767	82786	4.3	2			0.0000E+00
60	11.892	$\bar{X} = 0.3990$	0.0000	0.0000%	195129	48451	4.0	2			0.0000E+00
61	12.092		0.0000	0.0000%	99299	22663	4.4	2			0.0000E+00
62	12.217		0.0000	0.0000%	89317	21956	4.1	2			0.0000E+00
63	12.425	1260C3	0.4142	9.0003%	337992	91315	3.7	2	63	0	1.2256E-06
64	12.575		0.0000	0.0000%	199375	49557	4.0	2			0.0000E+00
65	12.708		0.0000	0.0000%	212891	48730	4.4	2			0.0000E+00
66	12.867		0.0000	0.0000%	46533	12291	3.8	2			0.0000E+00
67	12.950		0.0000	0.0000%	86159	24675	3.5	2			0.0000E+00
68	13.117	1260C4	0.3939	8.5586%	1204782	352821	3.4	3	63	0	3.2694E-07
69	13.283		0.0000	0.0000%	24880	7344	3.4	4			0.0000E+00
70	13.442		0.0000	0.0000%	30923	9029	3.4	2			0.0000E+00
71	13.600		0.0000	0.0000%	13740	2532	5.4	2			0.0000E+00
72	13.825	1260C5	0.4128	8.9693%	573627	152326	3.8	2	63	0	7.1963E-07
73	13.992		0.0000	0.0000%	206780	66633	3.1	2			0.0000E+00
74	14.108		0.0000	0.0000%	275148	88488	3.1	2			0.0000E+00
75	14.417		0.0000	0.0000%	27718	7301	3.8	1			0.0000E+00
77	14.792		0.0000	0.0000%	152939	37339	4.1	3			0.0000E+00
78	14.925		0.0000	0.0000%	17320	3398	5.1	4			0.0000E+00
79	15.217		0.0000	0.0000%	287409	80682	3.6	2			0.0000E+00
80	15.367		0.0000	0.0000%	17968	4323	4.2	2			0.0000E+00
82	16.000		0.0000	0.0000%	36843	3535	10.4	2			0.0000E+00
83	16.183		0.0000	0.0000%	102993	22262	4.6	2			0.0000E+00
84	16.575		0.0000	0.0000%	47620	6103	7.8	1			0.0000E+00
85	17.058	DCB 91	0.0365	0.7927%	994702	229715	4.3	1	85	0	3.6678E-08

TOTAL AMOUNT = 4.6024

Areas, times, and heights stored in: O:55PCD150.ATB
Data File = O:55PCD150.PTS Printed on 08-19-1998 at 19:36:47
Start time: 0.00 min. Stop time: 17.50 min. Offset: -99 mv.
Full Range: 200 millivolts



******* EXTERNAL STANDARD TABLE *******

********** 08-19-1998 19:36:51 Version 5.1.5 **********

* Sample Name: EEI/13219 91983MSD HG/ACID Data File: O:55PCD151 *

* Date: 08-19-1998 00:34:06 Method: O:55PCD2 08-16-1998 09:14:01 # 4484*

* Interface: 4 Cycle#: 151 Operator TMC Channel#: 0 Vial#: N.A. *

* Starting Peak Width: 5 Threshold: 15 Area Threshold: 1000 *

****

Starting Delay: 0.00 Ending retention time: 17.50

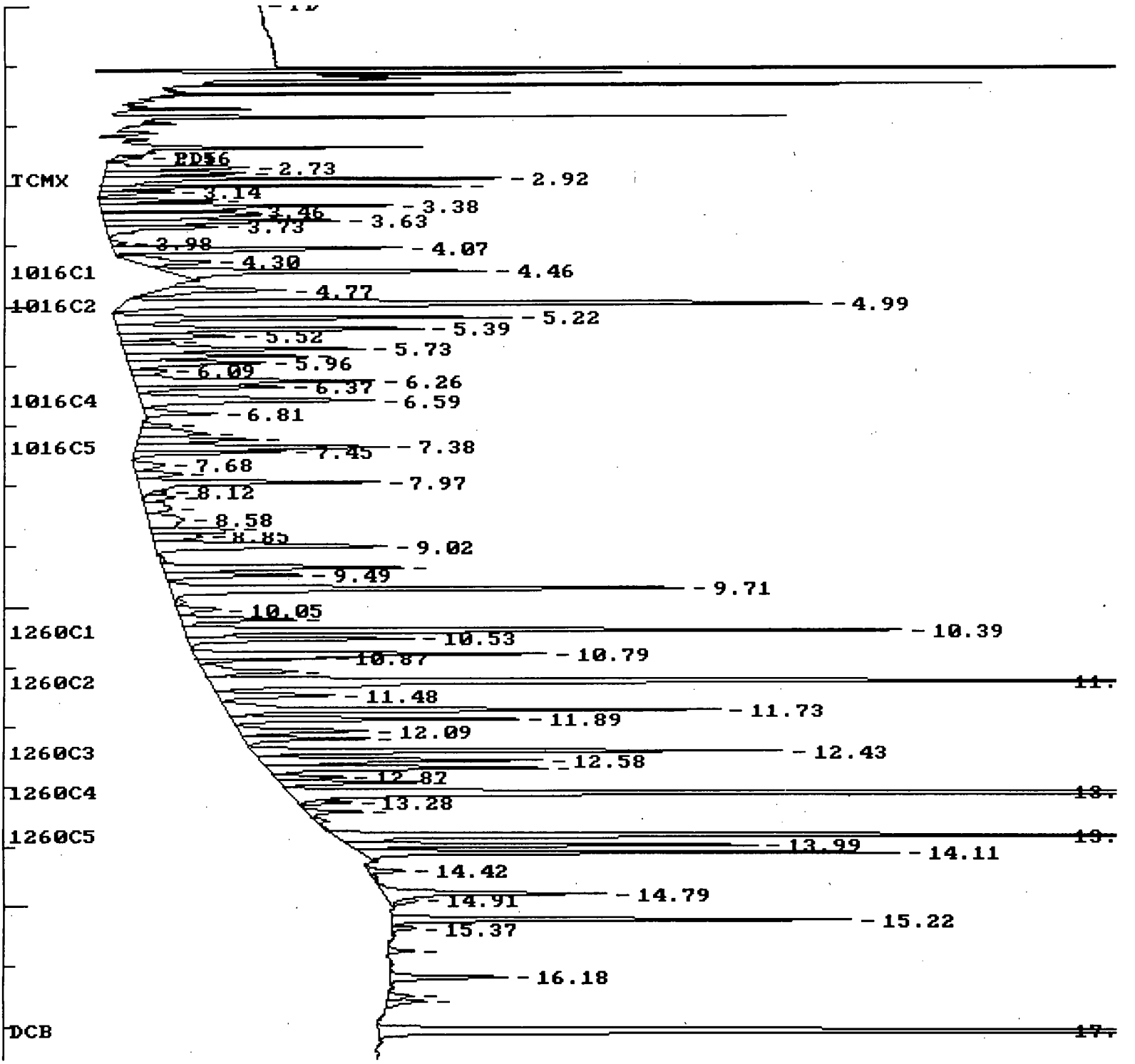
Area reject: 10000 One sample per 0.500 sec.

Amount injected: 1.00 Dilution factor: 1.00

Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/ml	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	2.558		0.0000	0.0000%	19312	5710	3.4	1			0.0000E+00
2	2.733		0.0000	0.0000%	120333	27166	4.4	2			0.0000E+00
3	2.833		0.0000	0.0000%	111483	26933	4.1	2			0.0000E+00
4	2.917	TCMX 87	0.0087	0.1970%	227758	74974	3.0	2	64	.1048	3.8375E-08
5	3.050		0.0000	0.0000%	172895	67621	2.6	2			0.0000E+00
6	3.142		0.0000	0.0000%	51044	14218	3.6	2			0.0000E+00
7	3.283		0.0000	0.0000%	76328	22490	3.4	2			0.0000E+00
8	3.375		0.0000	0.0000%	201891	54865	3.7	2			0.0000E+00
9	3.458		0.0000	0.0000%	73434	25596	2.9	2			0.0000E+00
10	3.525		0.0000	0.0000%	148236	29962	4.9	2			0.0000E+00
11	3.625		0.0000	0.0000%	177641	44275	4.0	2			0.0000E+00
12	3.725		0.0000	0.0000%	107379	21042	5.1	2			0.0000E+00
13	3.983		0.0000	0.0000%	10107	2863	3.5	2			0.0000E+00
14	4.075		0.0000	0.0000%	252171	53987	4.7	2			0.0000E+00
15	4.300		0.0000	0.0000%	81119	13159	6.2	2			0.0000E+00
16	4.458	1016C1	0.5167	11.6456%	241171	58552	4.1	2	64	.2922	2.1424E-06
17	4.767		0.0000	0.0000%	116421	24245	4.8	1			0.0000E+00
18	4.992	1016C2	0.4055	9.1392%	684212	130767	5.2	1	64	.1048	5.9264E-07
19	5.217	1016C3	0.4513	10.1713%	292640	74860	3.9	2	64	.1347	1.5421E-06
20	5.392		0.0000	0.0000%	240118	57374	4.2	2			0.0000E+00
21	5.517		0.0000	0.0000%	95494	21709	4.4	2			0.0000E+00
22	5.608		0.0000	0.0000%	40414	9990	4.0	2			0.0000E+00
23	5.725	$\bar{X}$=0.4482	0.0000	0.0000%	209863	45130	4.7	2			0.0000E+00
24	5.842		0.0000	0.0000%	122399	34193	3.6	2			0.0000E+00
25	5.958		0.0000	0.0000%	130917	25729	5.1	2			0.0000E+00
26	6.092		0.0000	0.0000%	26656	6873	3.9	2			0.0000E+00
27	6.258		0.0000	0.0000%	215401	44992	4.8	2			0.0000E+00
28	6.367		0.0000	0.0000%	129543	27673	4.7	2			0.0000E+00
29	6.592	1016C4	0.4149	9.3523%	243400	43593	5.6	2	64	.1285	1.7048E-06
30	6.808		0.0000	0.0000%	59331	13542	4.4	2			0.0000E+00
31	7.008		0.0000	0.0000%	25303	5749	4.4	2			0.0000E+00
32	7.158		0.0000	0.0000%	85313	13458	6.3	2			0.0000E+00
33	7.250		0.0000	0.0000%	95882	22423	4.3	2			0.0000E+00
34	7.375	1016C5	0.4524	10.1974%	201725	47189	4.3	2	64	0	2.2428E-06
35	7.450		0.0000	0.0000%	110590	28251	3.9	2			0.0000E+00
36	7.675		0.0000	0.0000%	34961	5890	5.9	2			0.0000E+00
37	7.817		0.0000	0.0000%	47988	8610	5.6	2			0.0000E+00
38	7.967		0.0000	0.0000%	208210	45012	4.6	3			0.0000E+00
39	8.117		0.0000	0.0000%	11390	2915	3.9	4			0.0000E+00
40	8.200		0.0000	0.0000%	28386	5819	4.9	4			0.0000E+00
41	8.400		0.0000	0.0000%	45446	4846	9.4	2			0.0000E+00
42	8.583		0.0000	0.0000%	70347	6809	10.3	2			0.0000E+00
43	8.742		0.0000	0.0000%	72746	15627	4.7	2			0.0000E+00
44	8.850		0.0000	0.0000%	52222	9314	5.6	2			0.0000E+00

45	9.025		0.0000	0.0000%	245617	43069	5.7	2			0.0000E+00
47	9.367		0.0000	0.0000%	199689	45056	4.4	2			0.0000E+00
48	9.492		0.0000	0.0000%	109854	25524	4.3	2			0.0000E+00
49	9.708		0.0000	0.0000%	442107	96069	4.6	3			0.0000E+00
51	10.050		0.0000	0.0000%	37782	8061	4.7	2			0.0000E+00
52	10.217		0.0000	0.0000%	101106	21647	4.7	2			0.0000E+00
53	10.392	1260C1	0.4071	9.1760%	531058	133668	4.0	2	64	0	7.6662E-07
54	10.533		0.0000	0.0000%	175906	42219	4.2	2			0.0000E+00
55	10.792		0.0000	0.0000%	274132	65920	4.2	2			0.0000E+00
56	10.867		0.0000	0.0000%	83056	24040	3.5	2			0.0000E+00
57	11.083		0.0000	0.0000%	92033	17335	5.3	2			0.0000E+00
58	11.242	1260C2	0.4217	9.5038%	913591	187956	4.9	2	64	0	4.6154E-07
59	11.483		0.0000	0.0000%	100534	21867	4.6	2			0.0000E+00
60	11.733		0.0000	0.0000%	393023	92059	4.3	2			0.0000E+00
61	11.892	$\bar{X}$= 0.4299	0.0000	0.0000%	215962	53517	4.0	2			0.0000E+00
62	12.092		0.0000	0.0000%	105730	23963	4.4	2			0.0000E+00
63	12.217		0.0000	0.0000%	92704	23249	4.0	2			0.0000E+00
64	12.425	1260C3	0.4468	10.0707%	364583	98747	3.7	2	64	0	1.2256E-06
65	12.575		0.0000	0.0000%	206339	52644	3.9	2			0.0000E+00
66	12.708		0.0000	0.0000%	225338	52297	4.3	2			0.0000E+00
67	12.867		0.0000	0.0000%	48056	12862	3.7	2			0.0000E+00
68	12.950		0.0000	0.0000%	92648	26721	3.5	2			0.0000E+00
69	13.117	1260C4	0.4374	9.8588%	1337887	393362	3.4	3	64	0	3.2694E-07
70	13.283		0.0000	0.0000%	28945	8888	3.3	4			0.0000E+00
71	13.442		0.0000	0.0000%	37343	10504	3.6	2			0.0000E+00
73	13.825	1260C5	0.4365	9.8386%	606588	164713	3.7	2	64	0	7.1963E-07
74	13.992		0.0000	0.0000%	244544	75572	3.2	2			0.0000E+00
75	14.108		0.0000	0.0000%	324534	99643	3.3	2			0.0000E+00
76	14.417		0.0000	0.0000%	25473	6914	3.7	2			0.0000E+00
77	14.792		0.0000	0.0000%	194443	41905	4.6	3			0.0000E+00
78	14.908		0.0000	0.0000%	18329	3783	4.8	4			0.0000E+00
79	15.217		0.0000	0.0000%	302757	85781	3.5	2			0.0000E+00
80	15.367		0.0000	0.0000%	16857	4427	3.8	2			0.0000E+00
81	15.742		0.0000	0.0000%	18787	4993	3.8	1			0.0000E+00
82	16.183		0.0000	0.0000%	88467	21870	4.0	1			0.0000E+00
83	16.483		0.0000	0.0000%	19699	4965	4.0	2			0.0000E+00
84	16.575		0.0000	0.0000%	35767	7730	4.6	2			0.0000E+00
85	17.058	DCB 94	0.0377	0.8492%	1027196	241475	4.3	1	85	0	3.6678E-08

TOTAL AMOUNT = 4.4368

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